

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111128.D
 Acq On : 6 Dec 2018 00:55
 Operator : JU/SJ
 Sample : J6160-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Manual Integrations
 APPROVED

mohammad
 12/6/2018 12:12:01 PM

Quant Time: Dec 06 03:54:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	435420	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1692255	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	733117	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1103080	20.00	ng	0.00
76) Chrysene-d12	13.96	240	700522	20.00	ng	0.01
87) Perylene-d12	15.39	264	539704	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3330466	119.36	ng	0.01
7) Phenol-d6	6.44	99	4309255	119.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	2708755	94.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	725744	124.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3930898	102.15	ng	0.00
79) Terphenyl-d14	12.91	244	2922837	85.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	453964	28.284	ng	99
3) Pyridine	3.30	79	1314965	36.941	ng	99
4) n-Nitrosodimethylamine	3.22	42	778508	44.419	ng	97
6) Aniline	6.47	93	840017	17.492	ng	98
8) 2-Chlorophenol	6.59	128	1305516	40.592	ng	94
9) Benzaldehyde	6.35	77	670599	33.072	ng	99
10) Phenol	6.45	94	1819104	46.415	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	1269589	39.635	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1341927	39.232	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1344610	39.063	ng	97
14) 1,2-Dichlorobenzene	6.98	146	1276126	39.854	ng	99
15) Benzyl Alcohol	6.95	79	1171045	41.118	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2457416	39.438	ng	99
17) 2-Methylphenol	7.06	107	1103791	41.809	ng	98
18) Hexachloroethane	7.32	117	463515	35.896	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	948413	39.263	ng	99
20) 3+4-Methylphenols	7.21	107	1314194	40.813	ng	95
22) Acetophenone	7.22	105	1749914	42.790	ng	# 91
24) Nitrobenzene	7.39	77	1368986	44.518	ng	98
25) Isophorone	7.63	82	2451744	46.738	ng	100
26) 2-Nitrophenol	7.70	139	608500	46.832	ng	94
27) 2,4-Dimethylphenol	7.75	122	1122392	45.867	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1600176	45.060	ng	98
29) 2,4-Dichlorophenol	7.95	162	1067069	44.294	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1026357	42.210	ng	99
31) Naphthalene	8.11	128	3466353	47.047	ng	98
32) Benzoic acid	7.83	122	285919	17.719	ng	94
33) 4-Chloroaniline	8.15	127	316653	8.891	ng	95
34) Hexachlorobutadiene	8.24	225	539780	40.848	ng	98
35) Caprolactam	8.52	113	362908m	41.029	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1143936	43.352	ng	100
37) 2-Methylnaphthalene	8.80	142	2339422	46.031	ng	100
38) 1-Methylnaphthalene	8.90	142	2223594	45.508	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	852885	43.650	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	343882	33.378	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	656574	46.009	nq	97
44) 2,4,5-Trichlorophenol	9.12	196	679112	46.945	nq	96
46) 1,1'-Biphenyl	9.27	154	2588883	43.137	nq	99
47) 2-Chloronaphthalene	9.29	162	2042524	43.798	nq	98
48) 2-Nitroaniline	9.38	65	719048	47.577	nq	99
49) Acenaphthylene	9.70	152	3128097	47.987	nq	99
50) Dimethylphthalate	9.57	163	2770506	54.300	nq	100
51) 2,6-Dinitrotoluene	9.62	165	529109	48.913	nq	87
52) Acenaphthene	9.88	154	1858916	43.165	nq	99
53) 3-Nitroaniline	9.79	138	345123	25.399	nq	95
54) 2,4-Dinitrophenol	9.89	184	67979	24.800	nq	# 1
55) Dibenzofuran	10.05	168	2701831	45.550	nq	95
56) 4-Nitrophenol	9.95	139	861927	84.178	nq	99
57) 2,4-Dinitrotoluene	10.03	165	652269	46.688	nq	94
58) Fluorene	10.39	166	1964686	46.970	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	515294	47.726	nq	95
60) Diethylphthalate	10.27	149	2330500	45.706	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	914992	44.388	nq	97
62) 4-Nitroaniline	10.40	138	452591	36.905	nq	96
63) Azobenzene	10.55	77	2255436	41.548	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	72657	15.943	nq	97
66) n-Nitrosodiphenylamine	10.50	169	1832500	47.444	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	533488	45.688	nq	93
68) Hexachlorobenzene	10.94	284	521408	43.670	nq	# 91
69) Atrazine	11.03	200	554475	Below Cal		97
70) Pentachlorophenol	11.13	266	587669	74.846	nq	99
71) Phenanthrene	11.35	178	2572796	48.489	nq	98
72) Anthracene	11.40	178	2634391	49.255	nq	97
73) Carbazole	11.55	167	2518364	45.252	nq	98
74) Di-n-butylphthalate	11.89	149	3168893	48.643	nq	100
75) Fluoranthene	12.53	202	2449967	47.187	nq	99
77) Benzidine	12.65	184	1209089	Below Cal		98
78) Pyrene	12.76	202	2493137	45.682	nq	98
80) Butylbenzylphthalate	13.39	149	1290515	48.949	nq	97
81) Benzo(a)anthracene	13.95	228	1876101	45.710	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	667930	43.122	nq	98
83) Chrysene	13.99	228	1807989	44.373	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1676971	52.660	nq	100
85) Di-n-octyl phthalate	14.56	149	2777726	55.485	nq	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	1358146	41.515	nq	# 87
88) Benzo(b)fluoranthene	14.98	252	1438326	47.032	nq	99
89) Benzo(k)fluoranthene	15.01	252	1462287	49.461	nq	98
90) Benzo(a)pyrene	15.33	252	1336335	47.639	nq	98
91) Dibenzo(a,h)anthracene	16.82	278	1135942	48.256	nq	99
92) Benzo(g,h,i)perylene	17.23	276	1123230	47.483	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

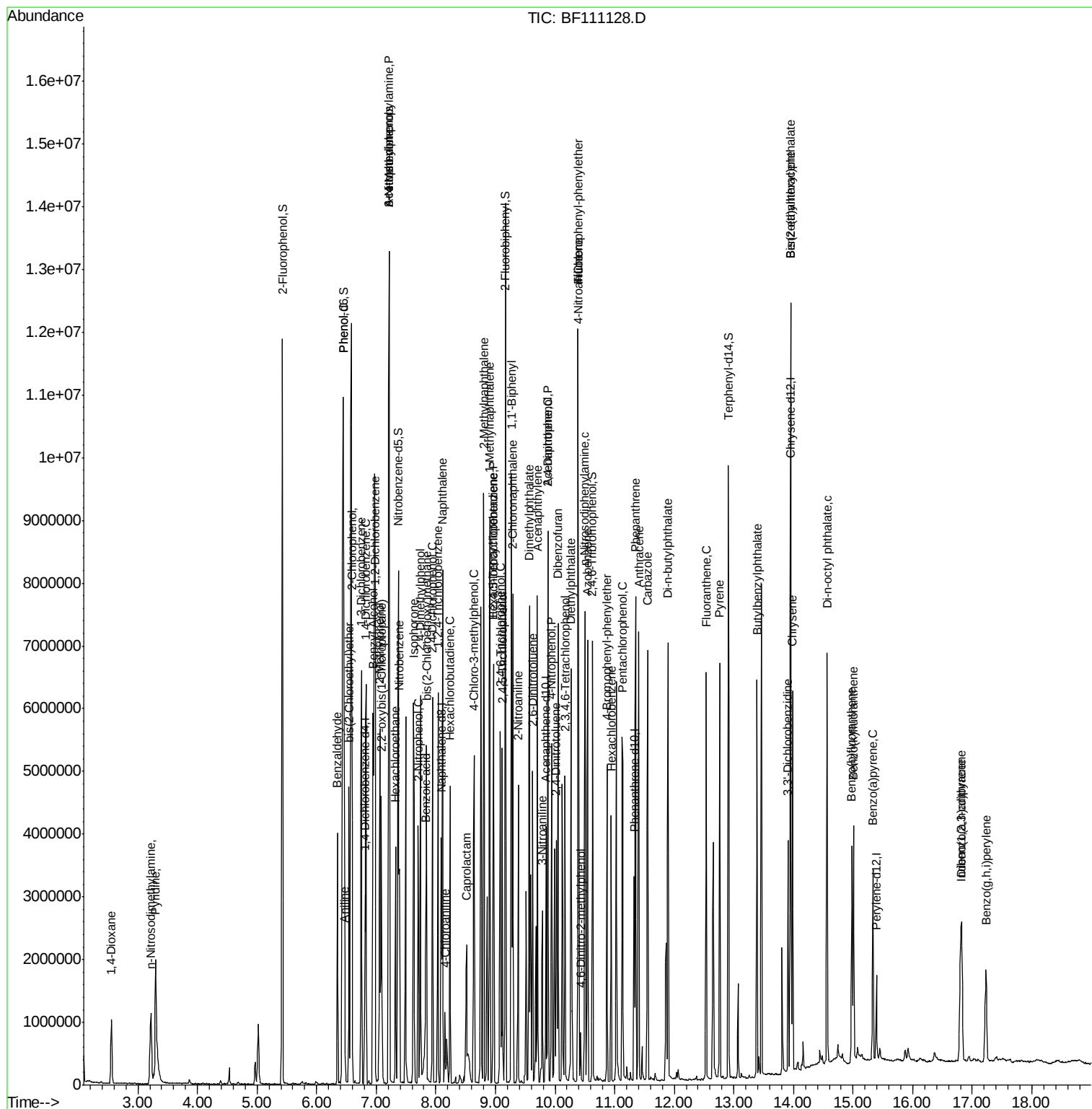
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\  
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Misc      :  
ALS Vial  : 25 Sample Multiplier: 1
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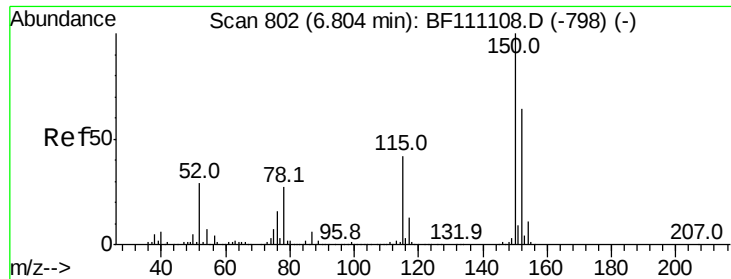
Instrument :
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#1

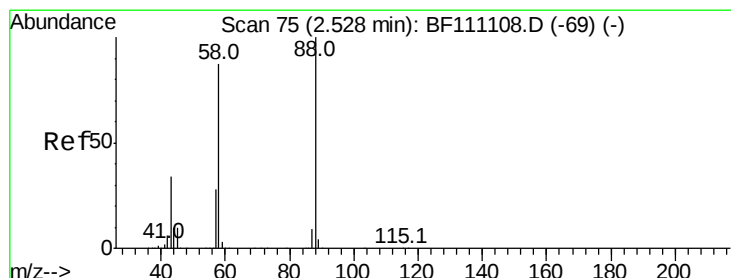
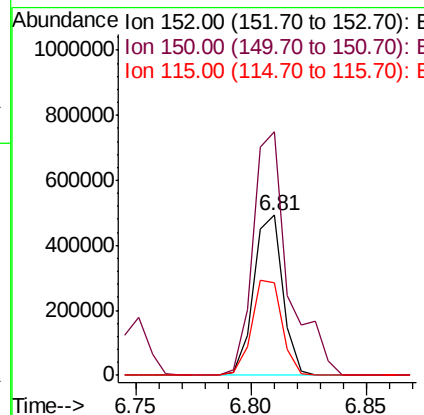
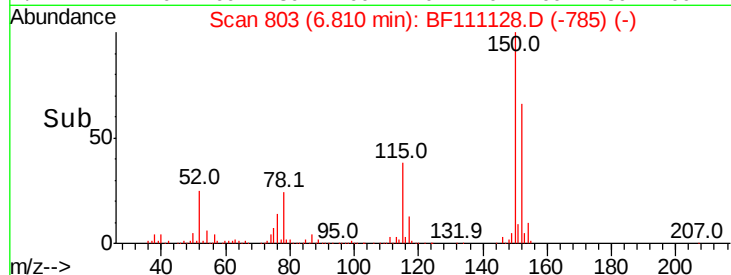
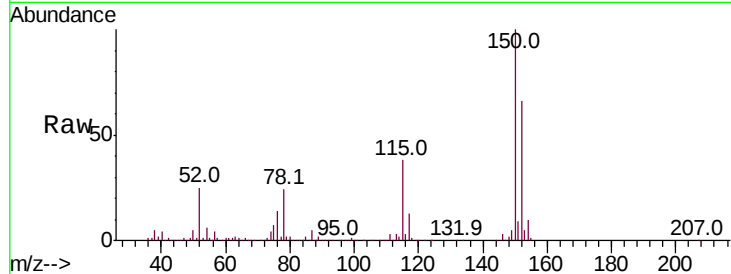
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	187.0
115	58.1	52.2	78.2

Manual Integrations
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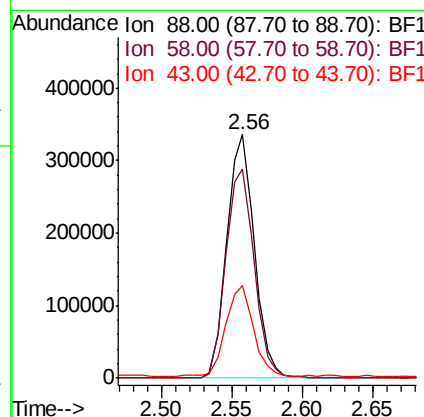
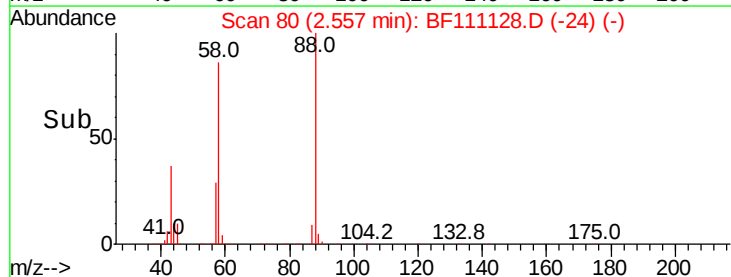
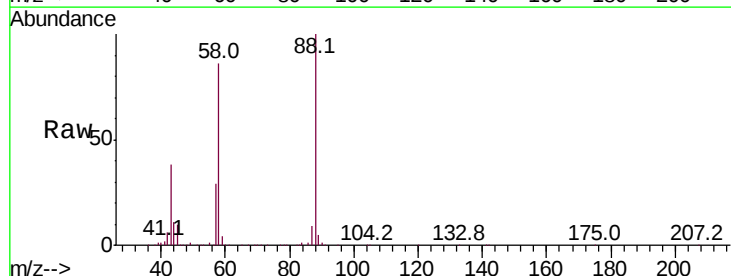
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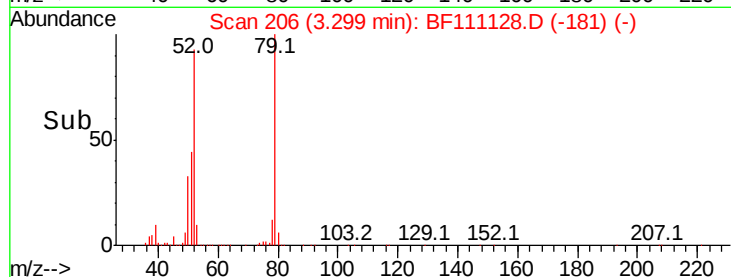
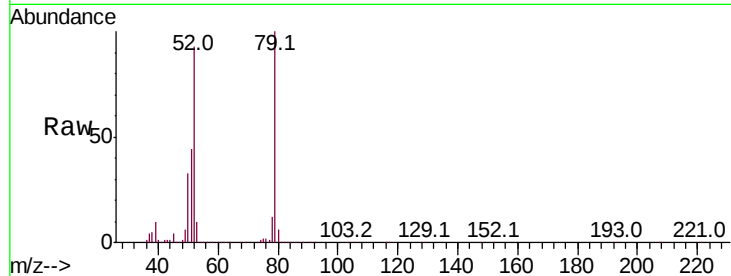
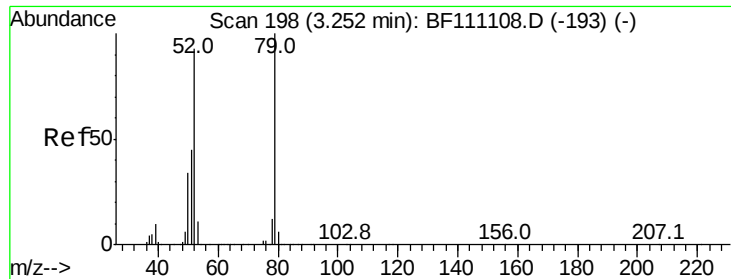


#2

1,4-Dioxane
Concen: 28.284 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	70.8	106.2
43	37.3	28.3	42.5





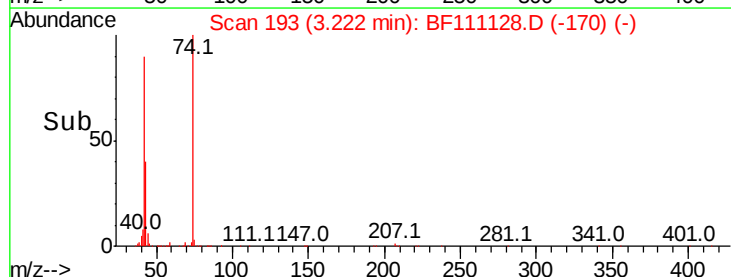
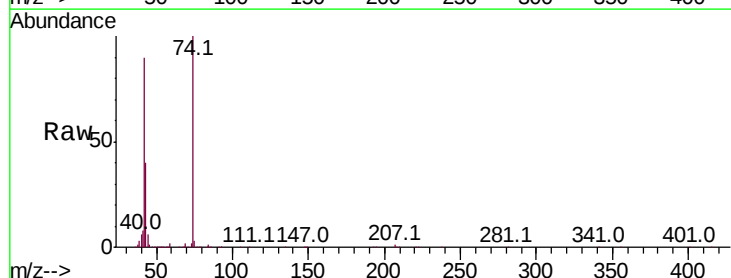
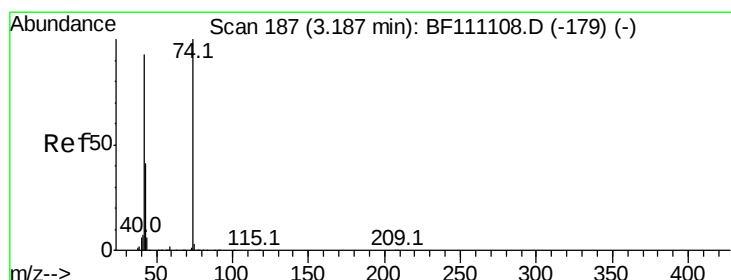
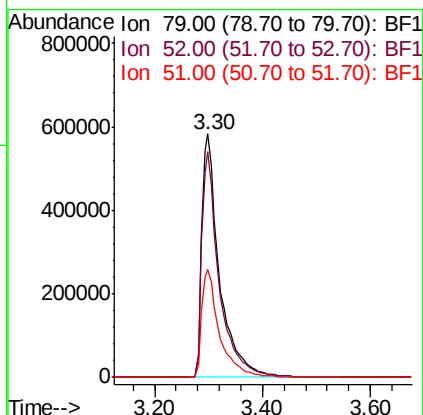
#3
Pvridine
Concen: 36.941 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.05 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tot Ion: 79 Resp: 1314965
Ion Ratio Lower Upper
79 100
52 92.5 74.7 112.1
51 44.2 35.9 53.9

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

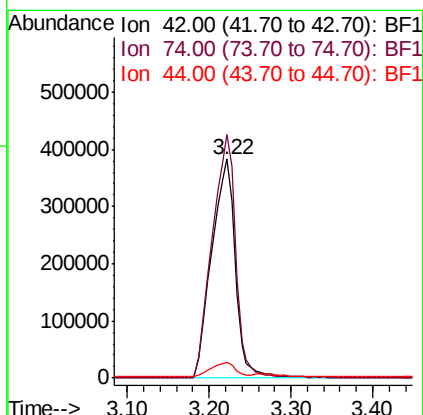
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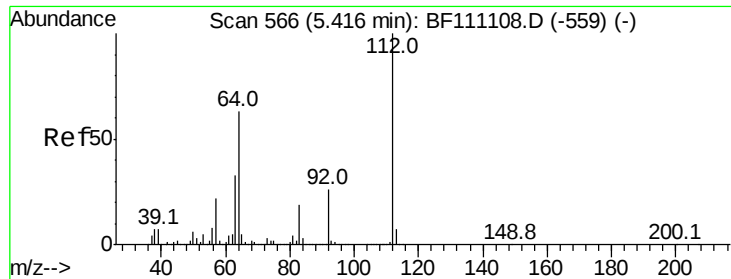
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#4
n-Nitrosodimethylamine
Concen: 44.419 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.04 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion: 42 Resp: 778508
Ion Ratio Lower Upper
42 100
74 111.3 86.2 129.2
44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 119.357 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:112 Resp: 3330466

Ion Ratio Lower Upper

112 100

64 64.9 50.2 75.4

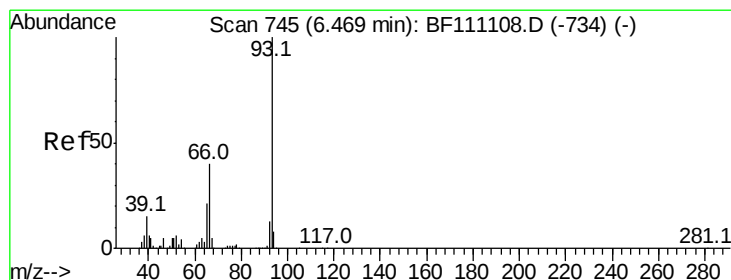
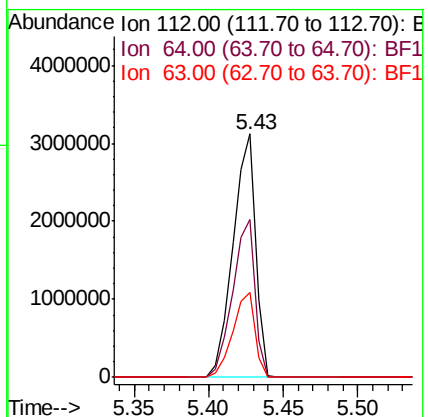
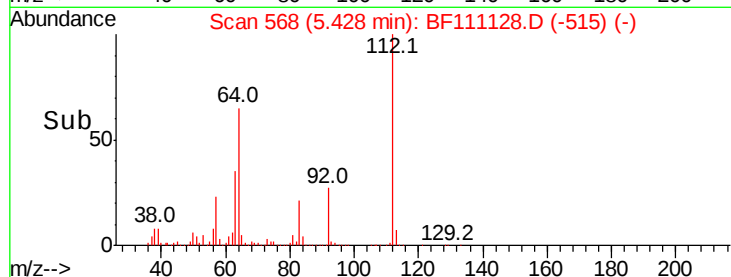
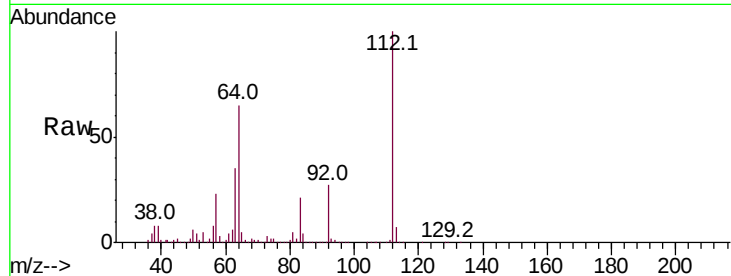
63 35.0 26.6 39.8

Manual Integrations

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#6

Aniline

Concen: 17.492 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

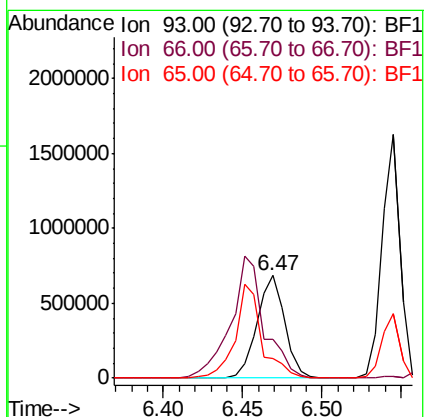
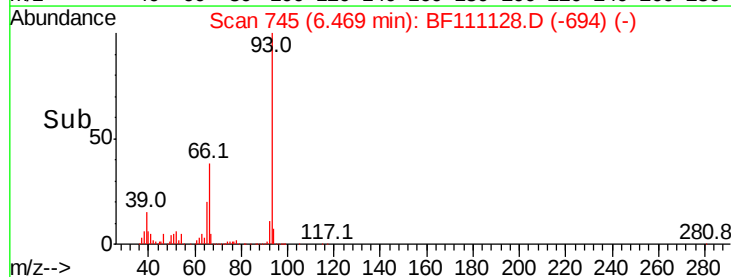
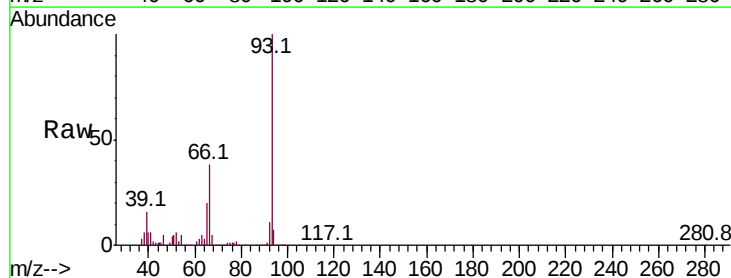
Tgt Ion: 93 Resp: 840017

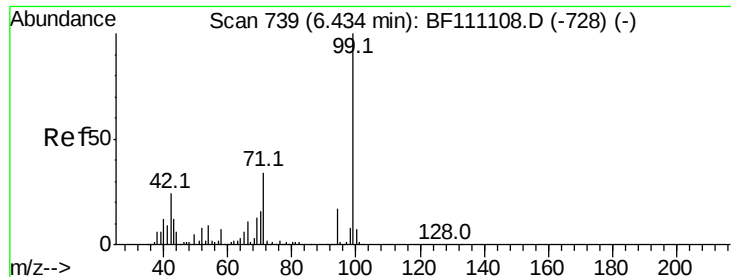
Ion Ratio Lower Upper

93 100

66 38.4 31.8 47.8

65 19.7 16.6 24.8





#7

Phenol-d6

Concen: 119.887 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion: 99 Resp: 4309255

Ion Ratio Lower Upper

99 100

42 25.7 19.3 28.9

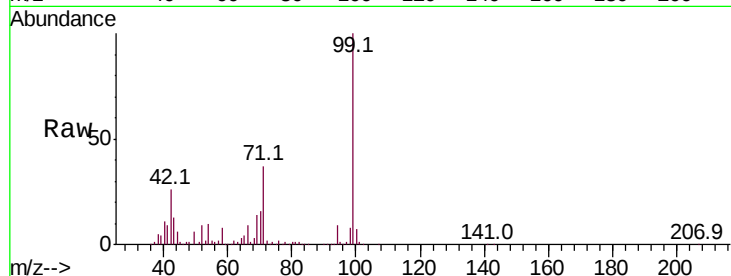
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Manual Integrations

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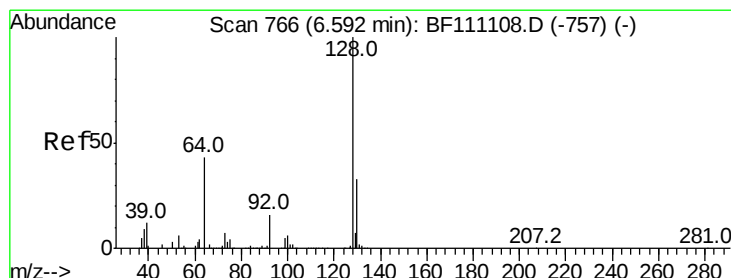
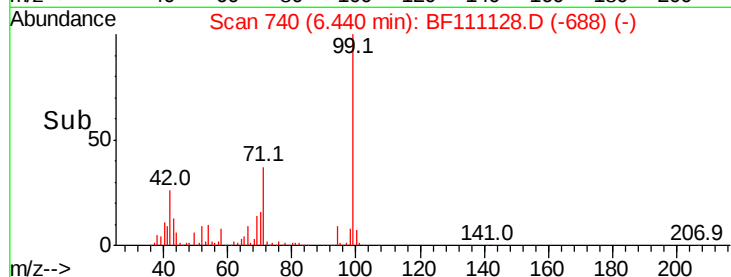
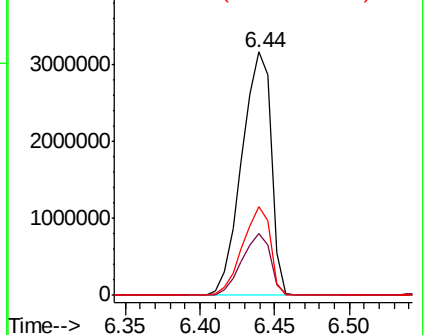
12/6/2018 12:12:01 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.592 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

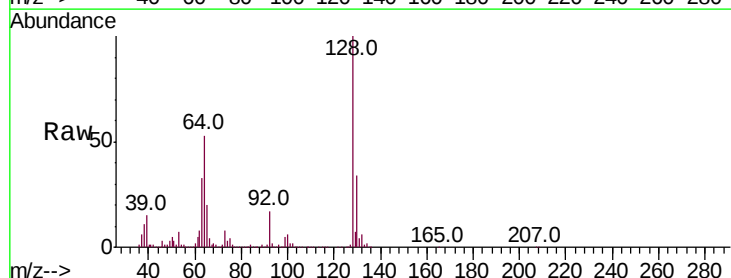
Tgt Ion:128 Resp: 1305516

Ion Ratio Lower Upper

128 100

130 33.6 12.8 52.8

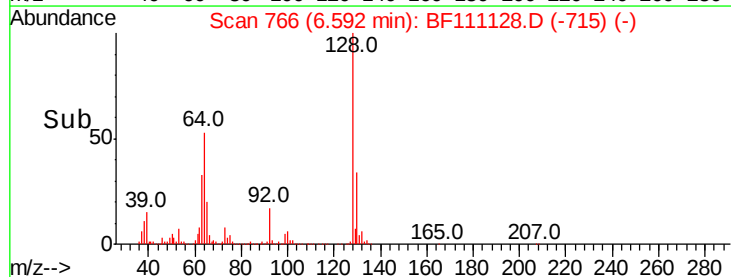
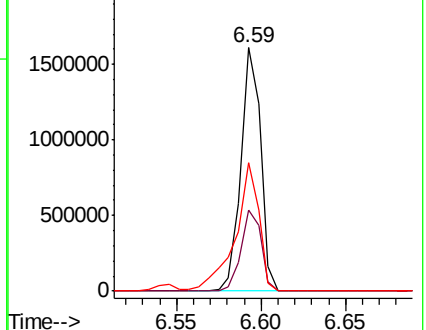
64 53.0 26.6 66.6

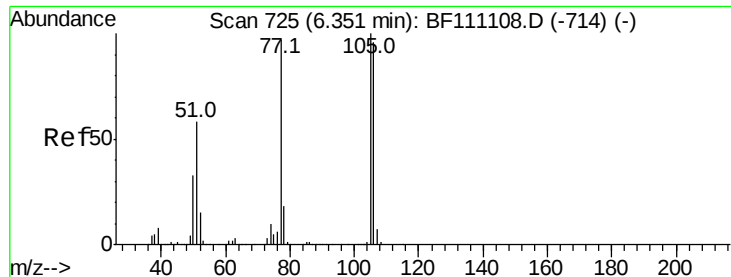


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.072 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

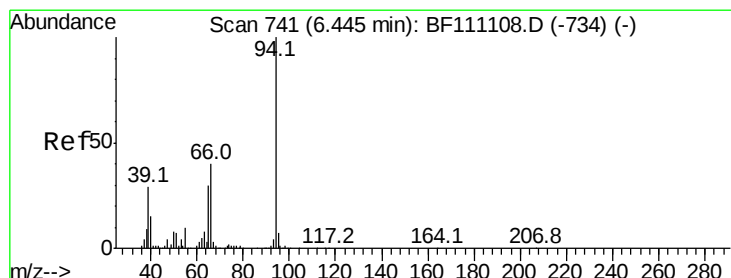
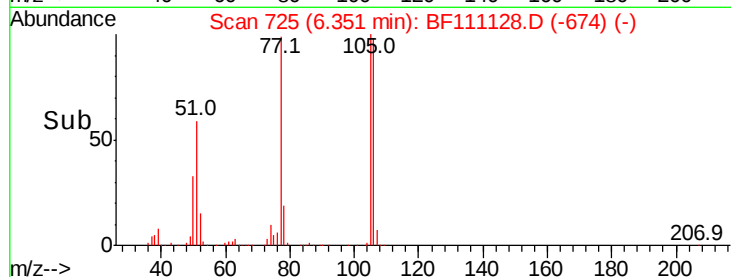
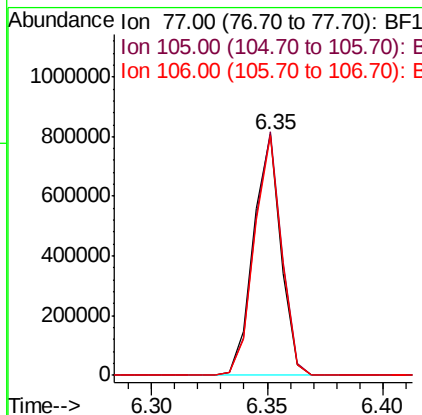
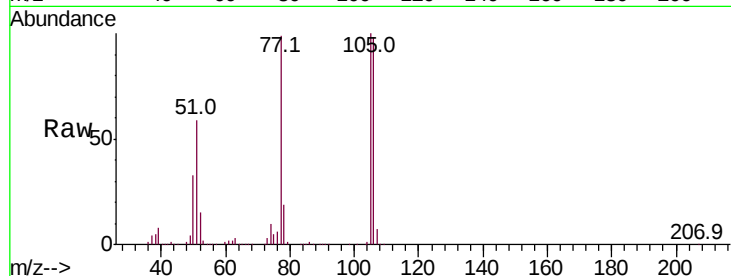
ClientSampleId :

TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.2	83.1	123.1
106	99.6	79.0	119.0

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#10

Phenol

Concen: 46.415 ng

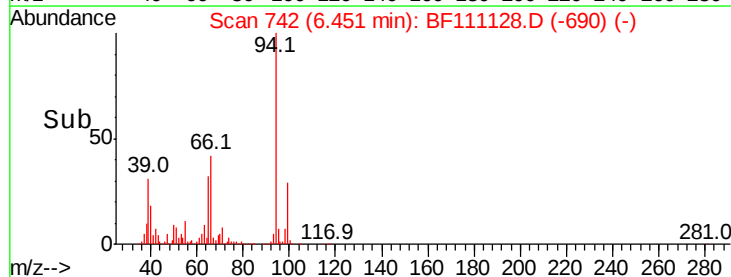
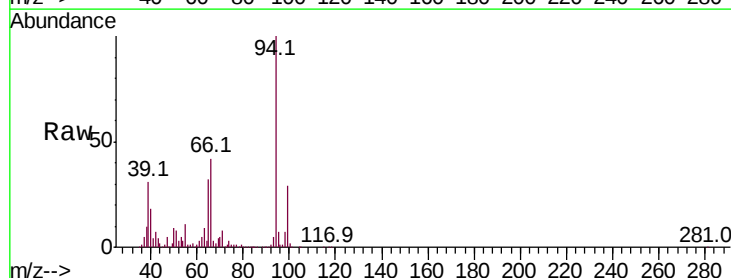
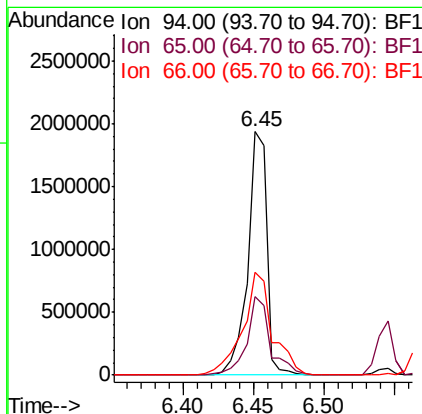
RT: 6.45 min Scan# 742

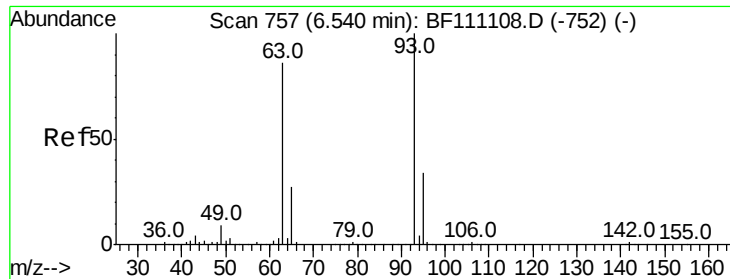
Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	42.3	19.8	59.8





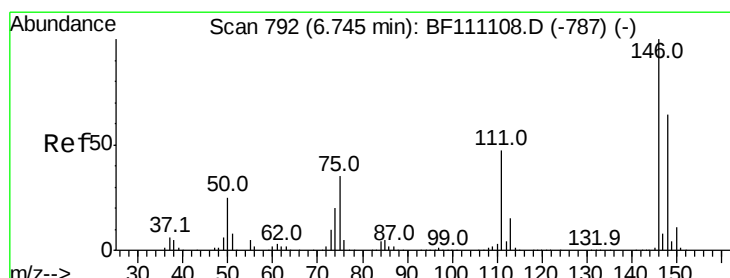
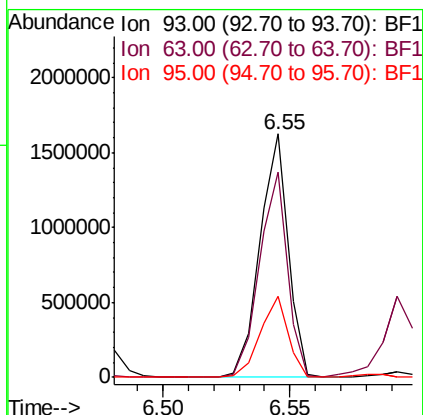
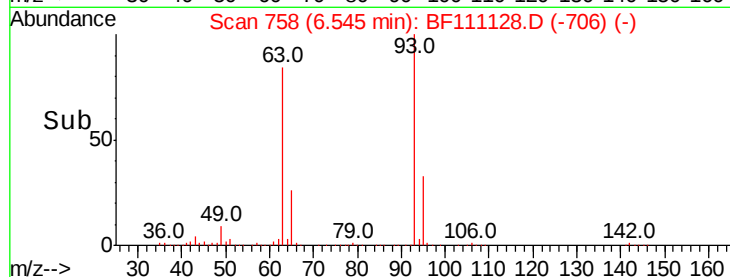
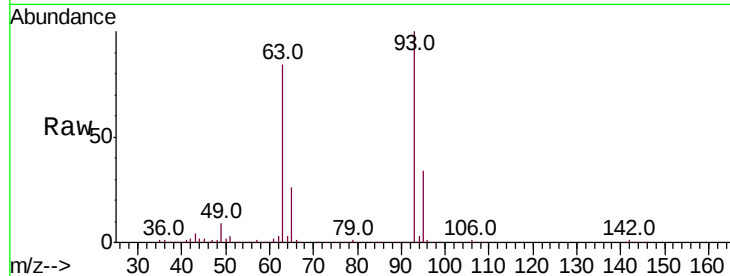
#11
bis(2-Chloroethyl)ether
Concen: 39.635 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion: 93 Resp: 1269589
Ion Ratio Lower Upper
93 100
63 84.3 66.0 106.0
95 33.5 14.3 54.3

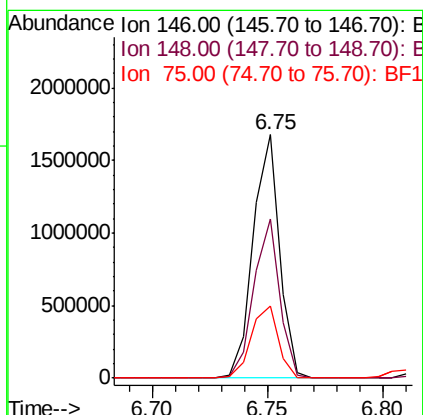
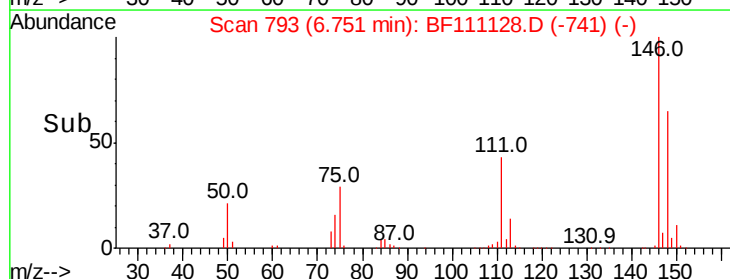
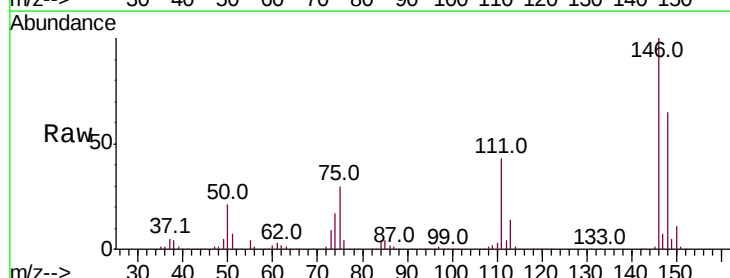
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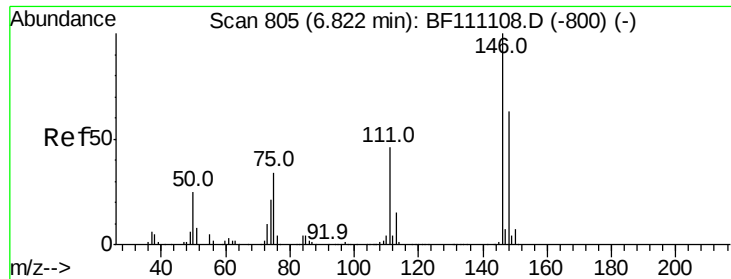
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.232 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion: 146 Resp: 1341927
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 29.8 27.7 41.5





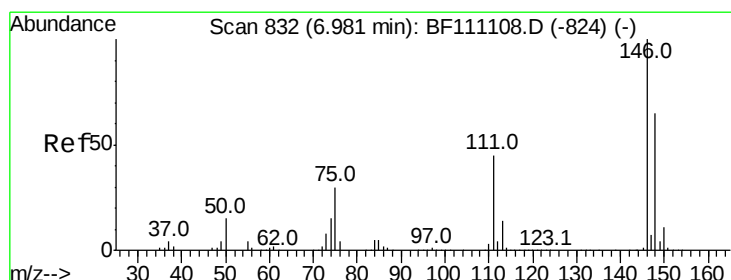
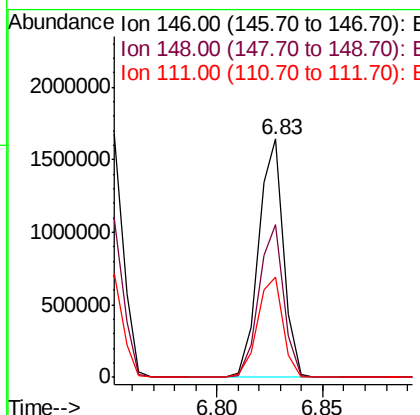
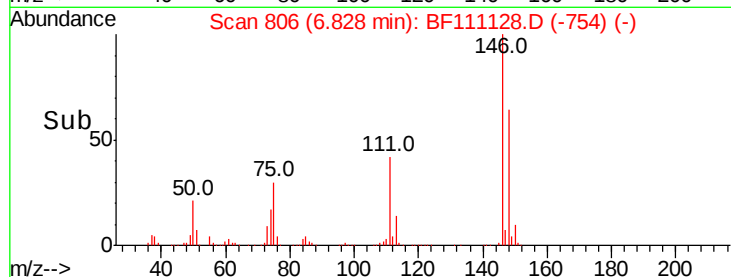
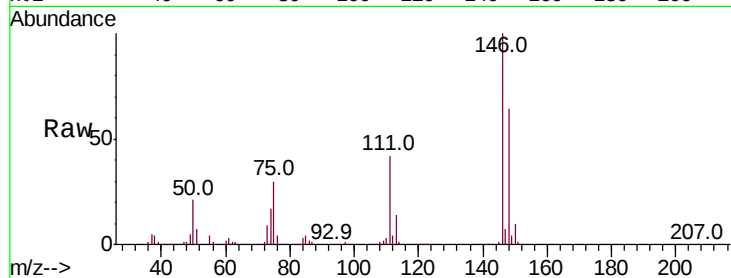
#13
 1,4-Dichlorobenzene
 Concen: 39.063 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion:146 Resp: 1344610
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 42.2 36.6 55.0

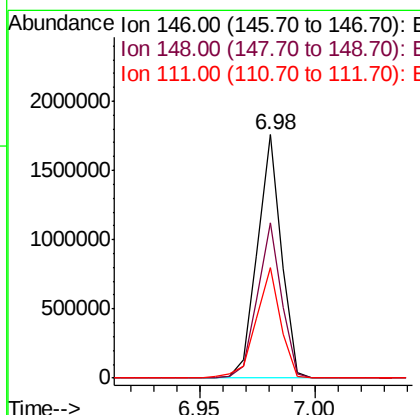
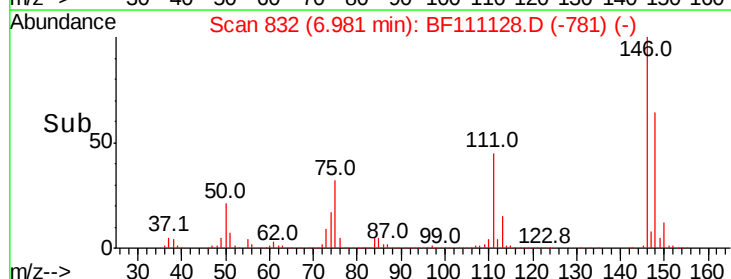
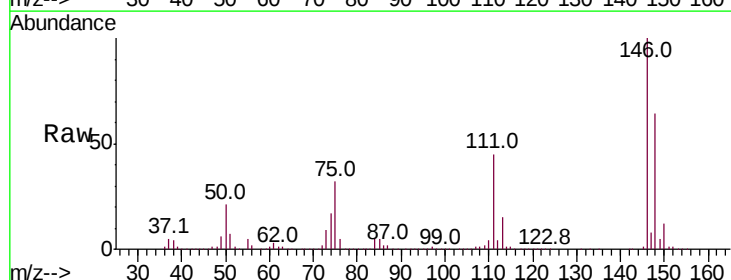
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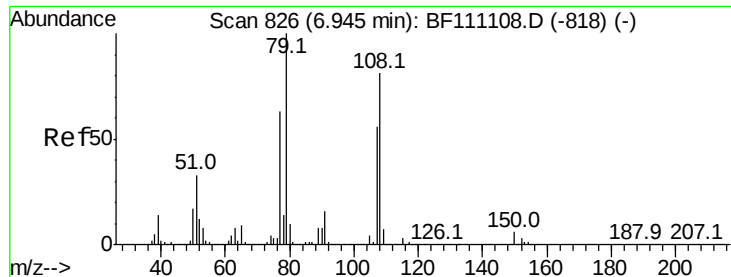
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.854 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Tgt Ion:146 Resp: 1276126
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 45.2 35.7 53.5





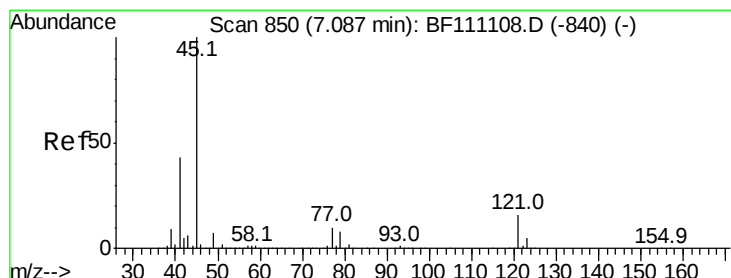
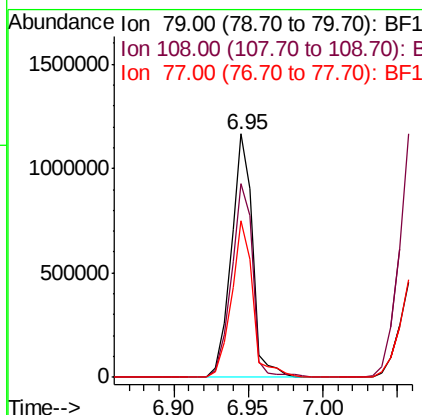
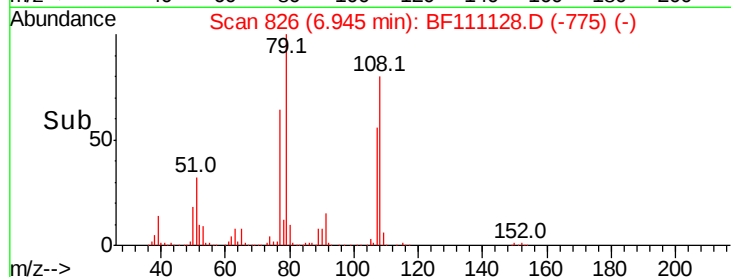
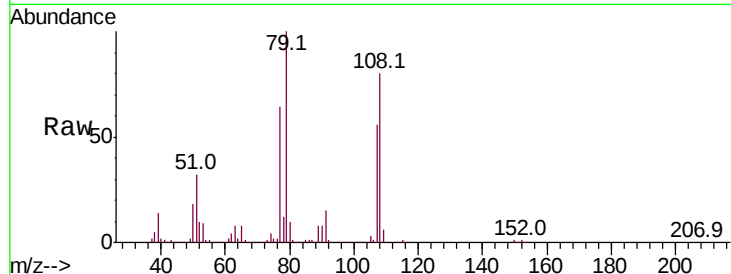
#15
Benzyl Alcohol
Concen: 41.118 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion: 79 Resp: 1171045
Ion Ratio Lower Upper
79 100
108 79.8 64.5 96.7
77 64.2 50.5 75.7

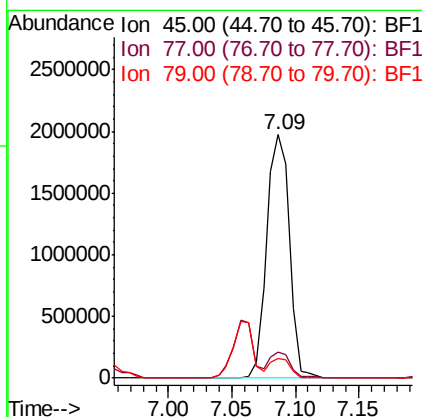
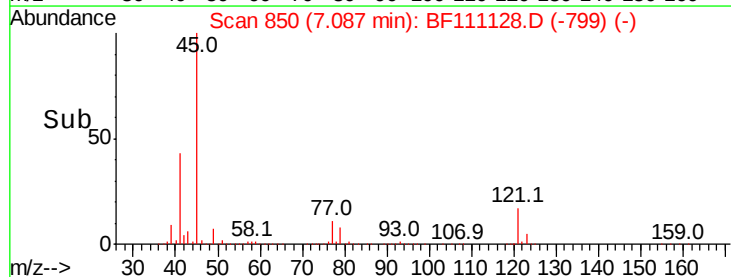
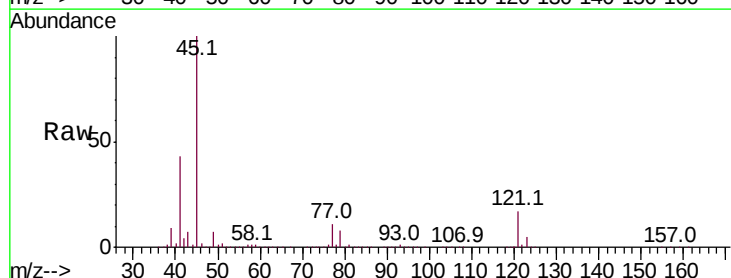
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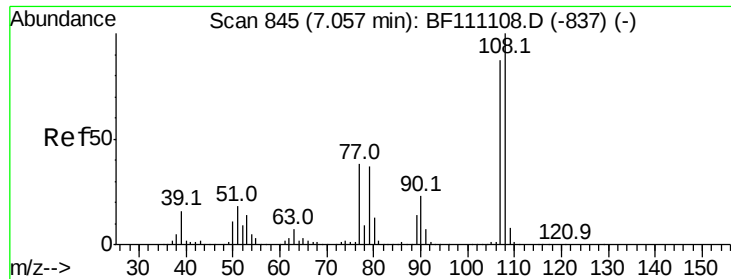
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.438 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion: 45 Resp: 2457416
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.6
79 8.1 0.0 28.4





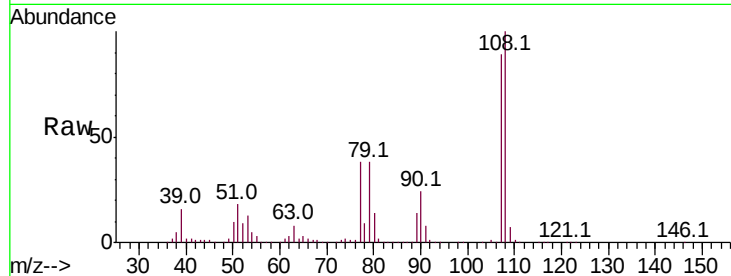
#17
2-Methylphenol
Concen: 41.809 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.8	137.8
77	42.4	34.7	52.1
79	43.2	34.2	51.2

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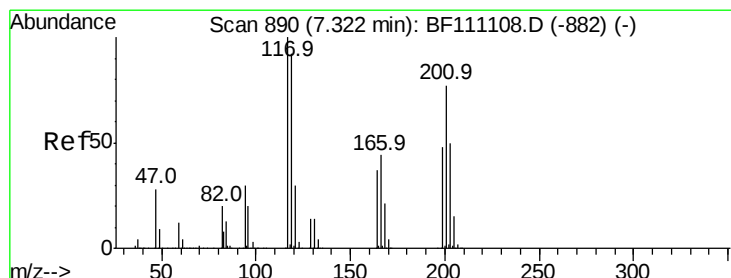
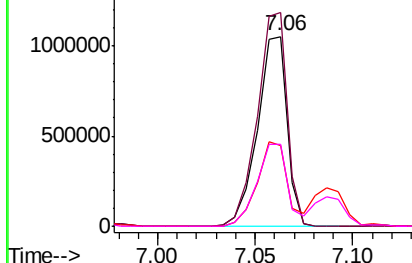
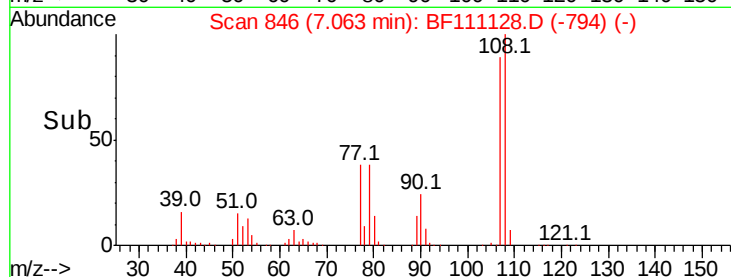
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

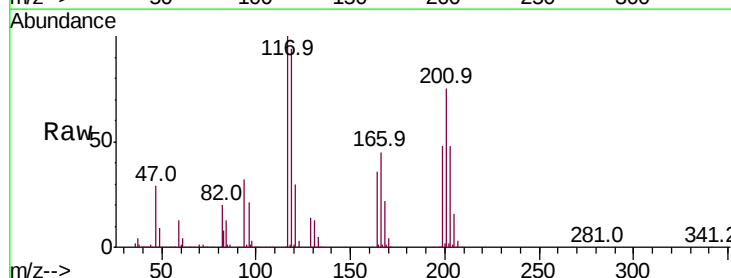
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.896 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.8	110.6
201	75.3	61.2	91.8

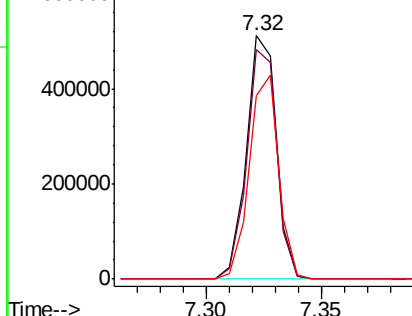
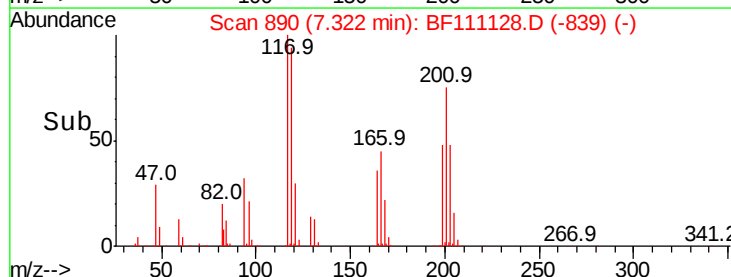


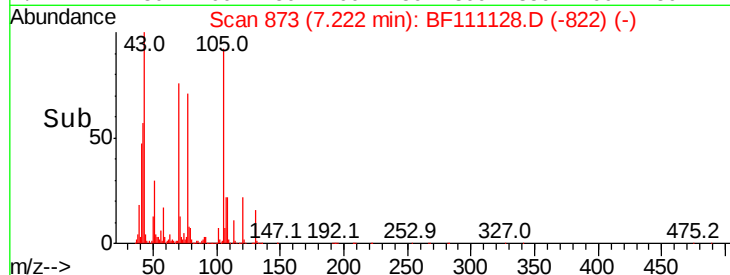
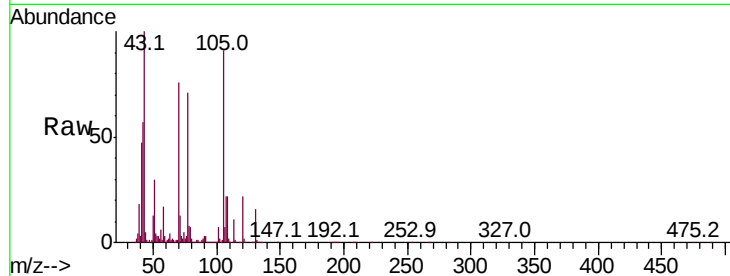
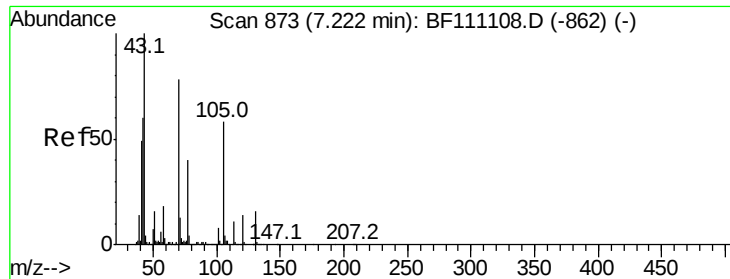
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





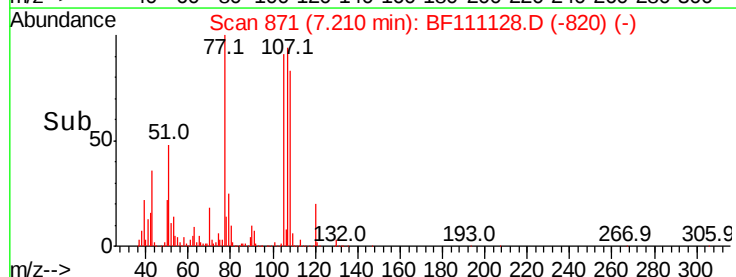
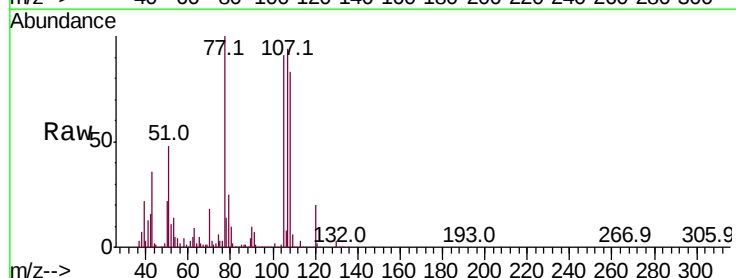
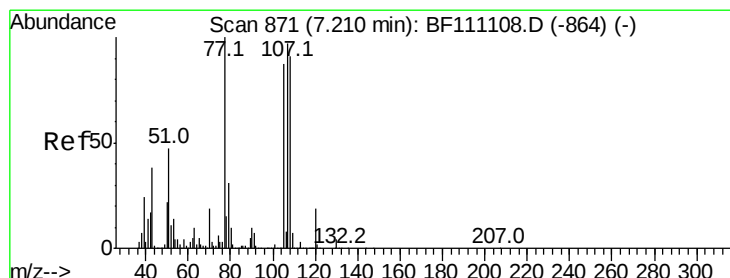
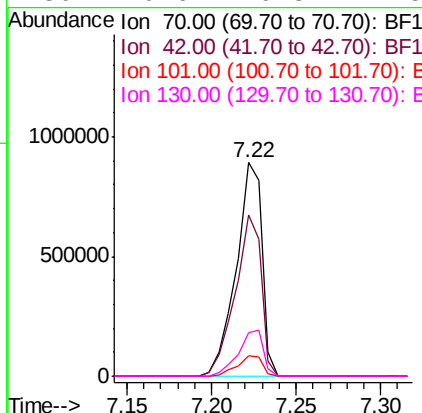
#19
n-Nitroso-di-n-propylamine
Concen: 39.263 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.7	61.3	91.9
101	9.5	7.7	11.5
130	20.6	16.3	24.5

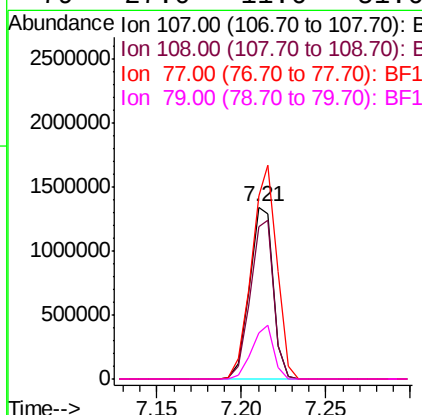
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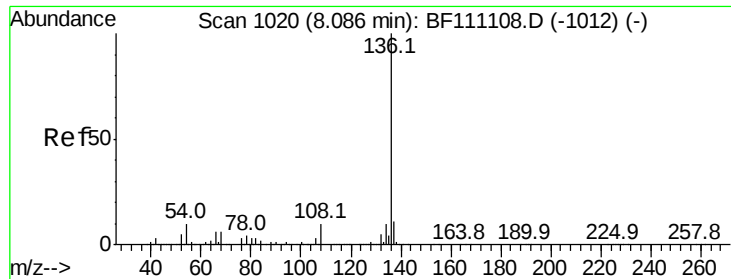
mohammad
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#20
3+4-Methylphenols
Concen: 40.813 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.0	114.0
77	106.2	83.2	123.2
79	27.0	11.6	51.6





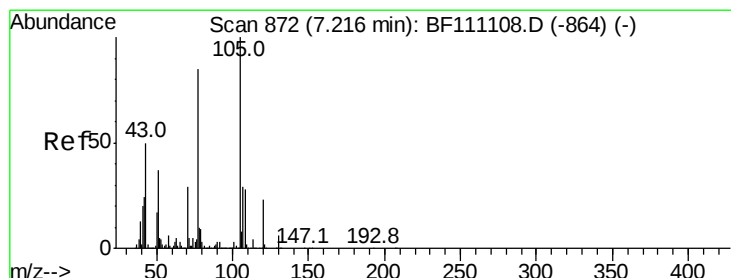
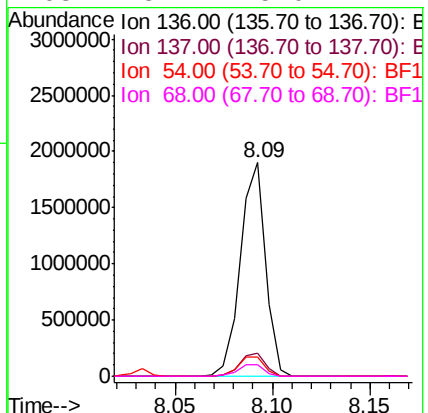
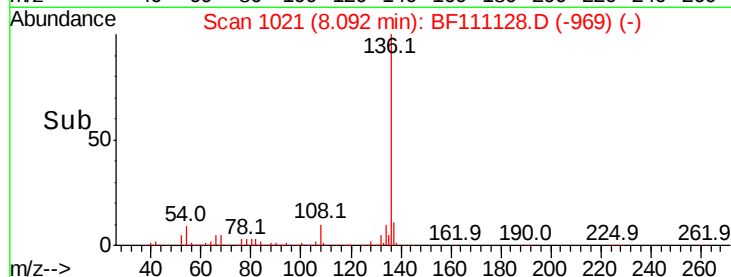
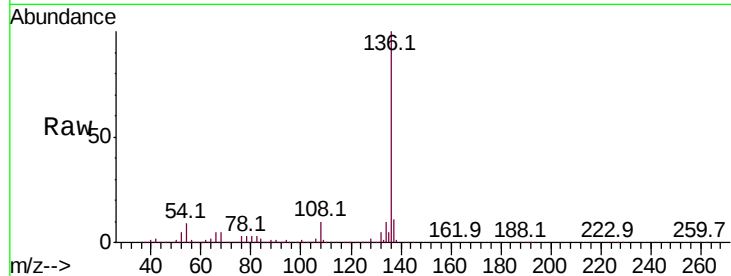
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.1	8.4	12.6
68	5.2	5.0	7.4

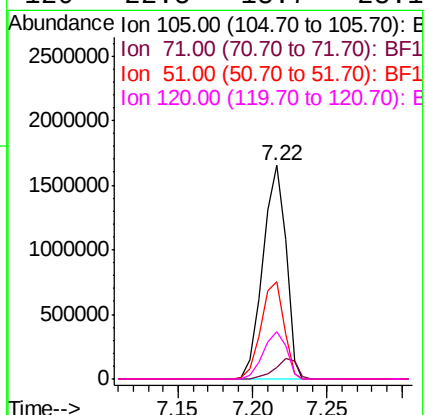
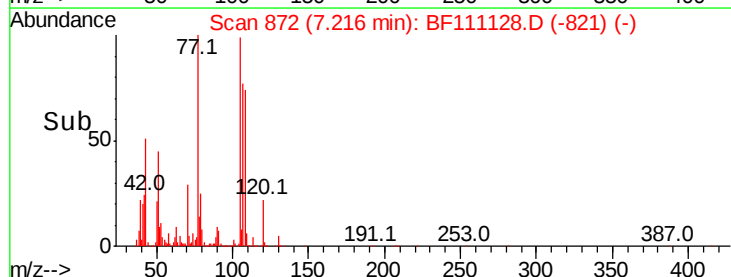
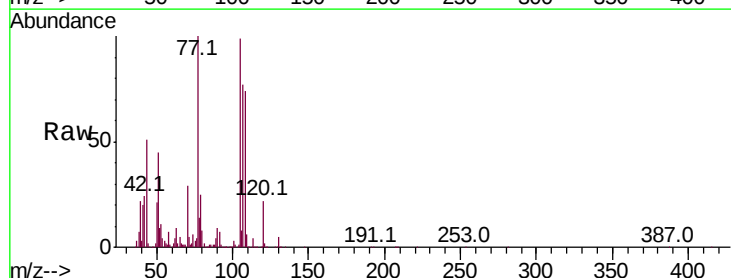
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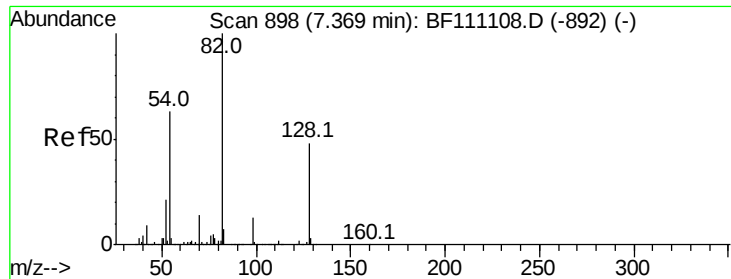
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#22
Acetophenone
Concen: 42.790 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.0	6.0
51	45.8	29.8	44.8#
120	22.5	18.7	28.1





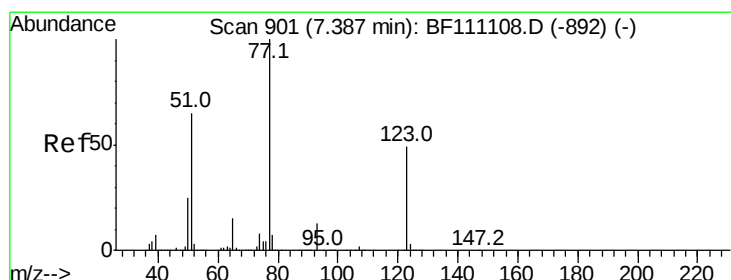
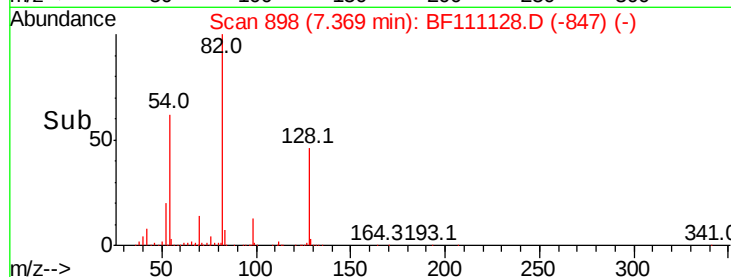
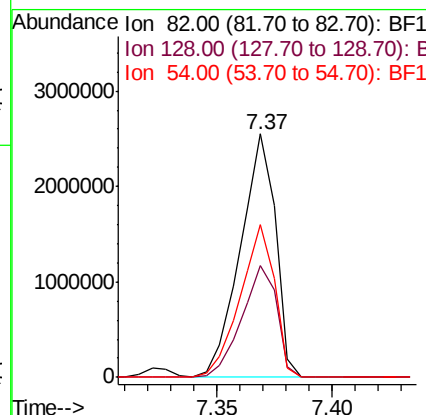
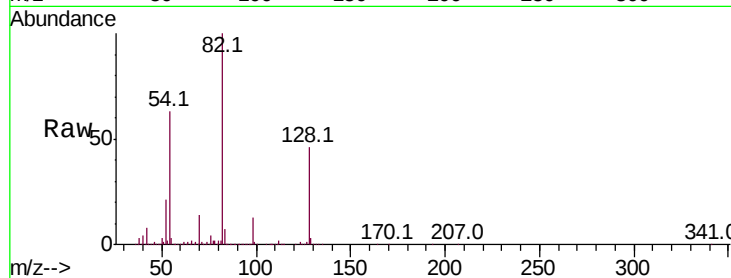
#23
Nitrobenzene-d5
Concen: 94.766 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion: 82 Resp: 2708755
Ion Ratio Lower Upper
82 100
128 46.0 38.1 57.1
54 62.6 50.3 75.5

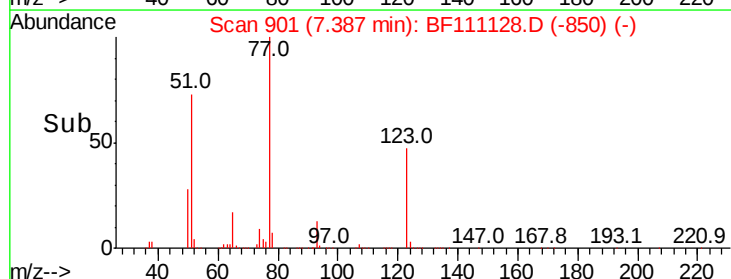
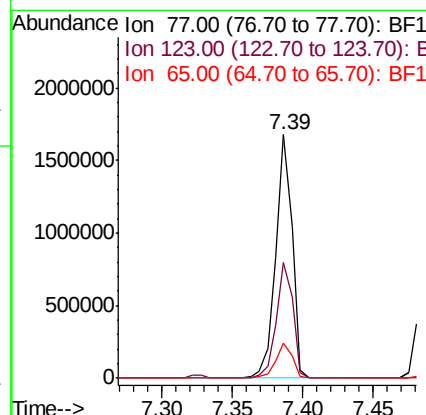
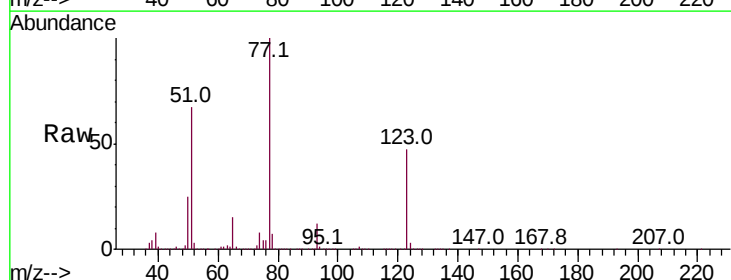
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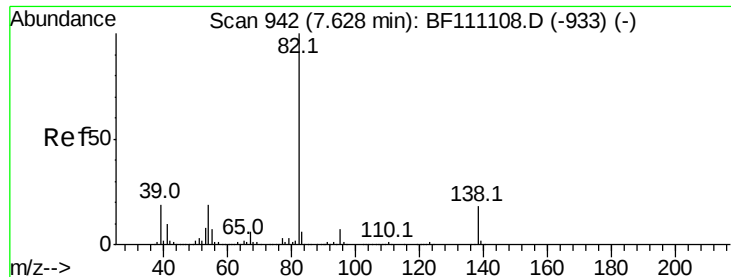
mohammad
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#24
Nitrobenzene
Concen: 44.518 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion: 77 Resp: 1368986
Ion Ratio Lower Upper
77 100
123 47.2 39.5 59.3
65 14.6 11.8 17.6





#25

Isophorone

Concen: 46.738 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion: 82 Resp: 2451744

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

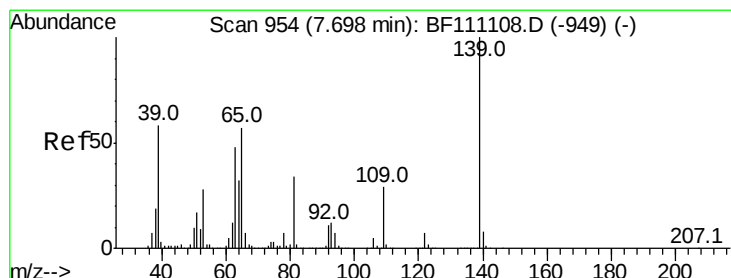
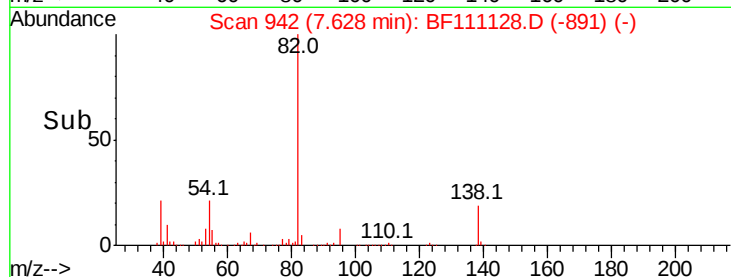
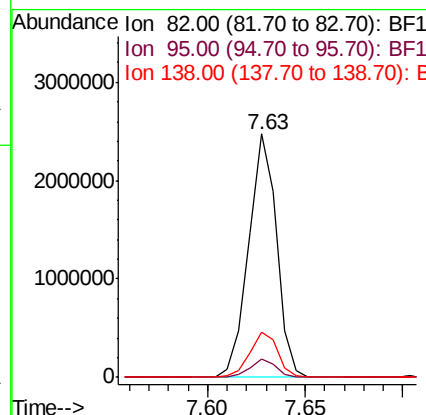
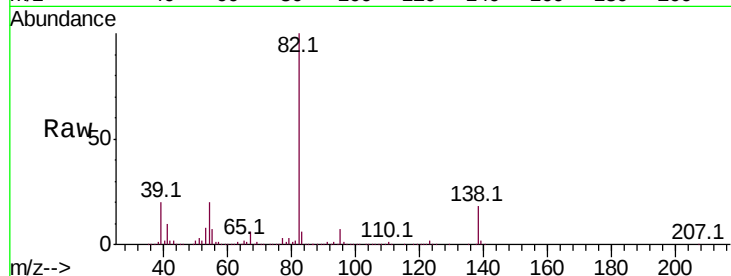
138 18.4 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.832 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

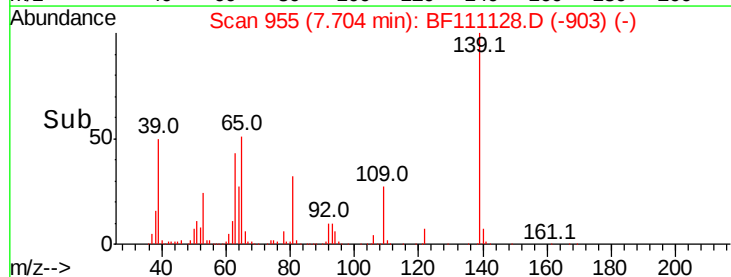
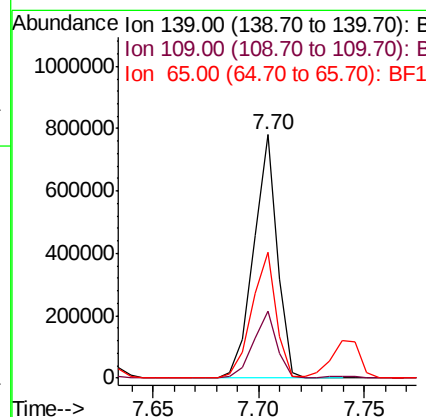
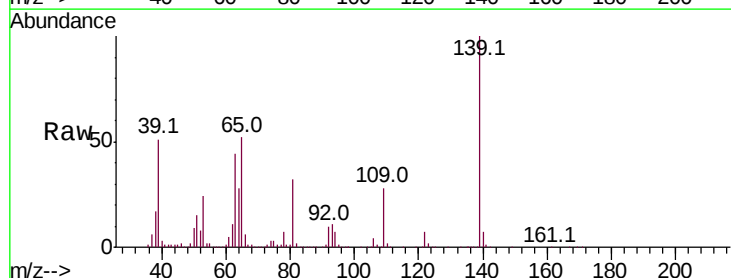
Tgt Ion: 139 Resp: 608500

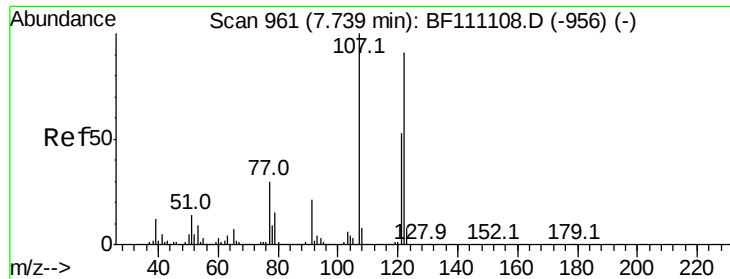
Ion Ratio Lower Upper

139 100

109 27.5 23.1 34.7

65 51.8 45.9 68.9





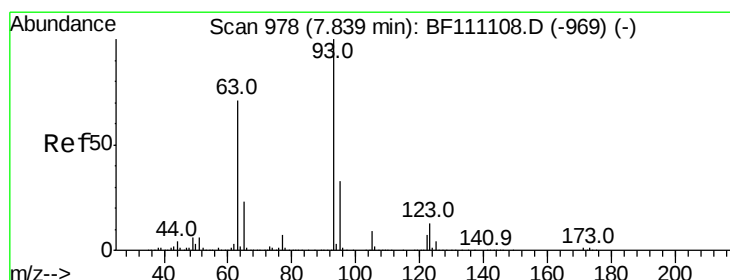
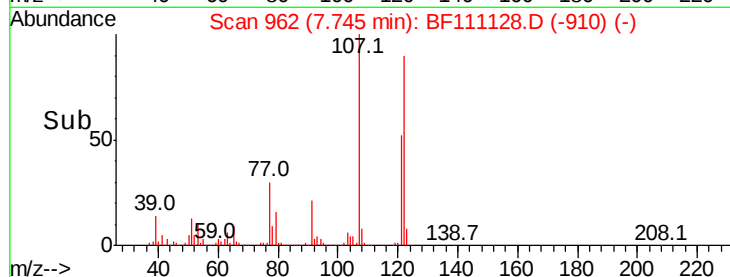
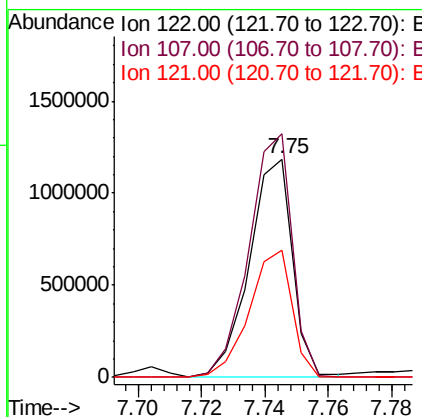
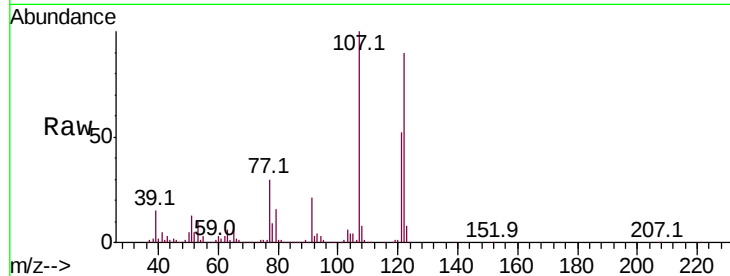
#27
 2,4-Dimethylphenol
 Concen: 45.867 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	87.4	131.0
121	58.2	45.9	68.9

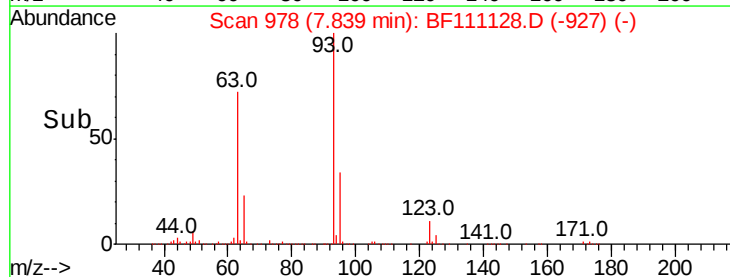
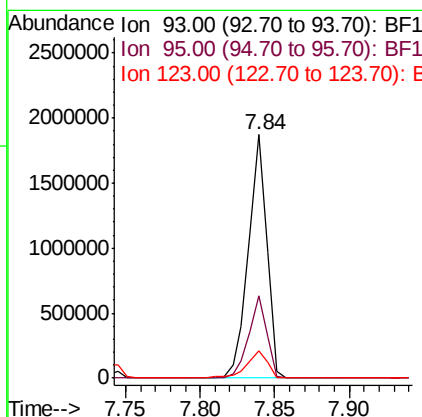
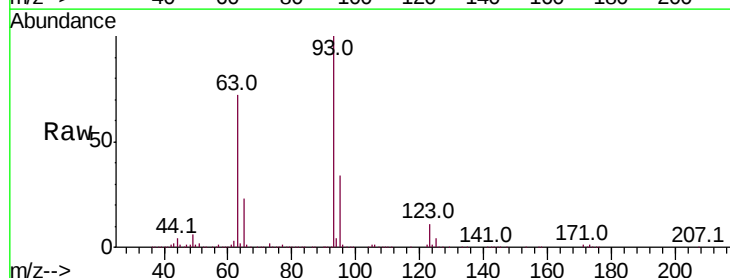
Manual Integrations
 APPROVED

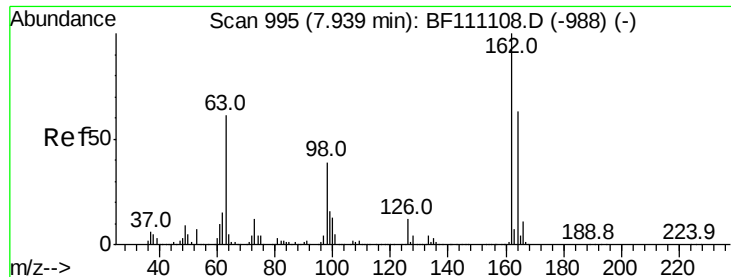
mohammad
 12/6/2018 12:12:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.060 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	39.8
123	11.5	10.3	15.5





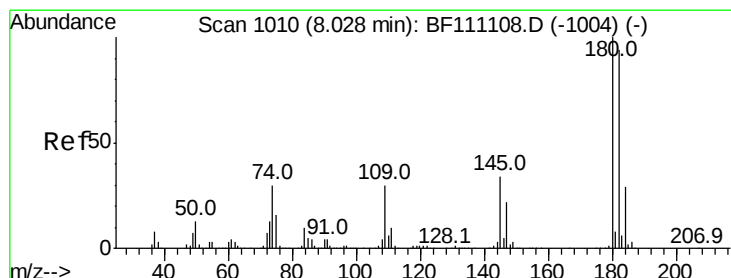
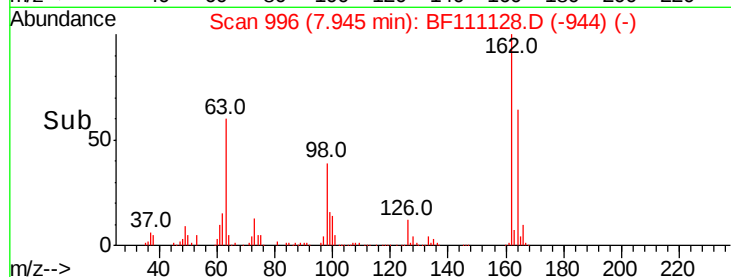
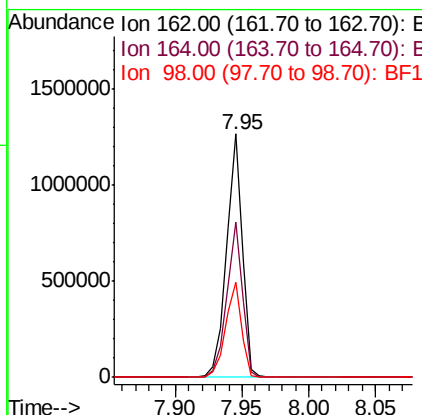
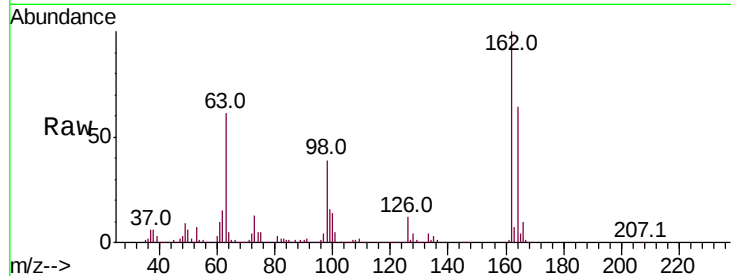
#29
2,4-Dichlorophenol
Concen: 44.294 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	39.1	18.9	58.9

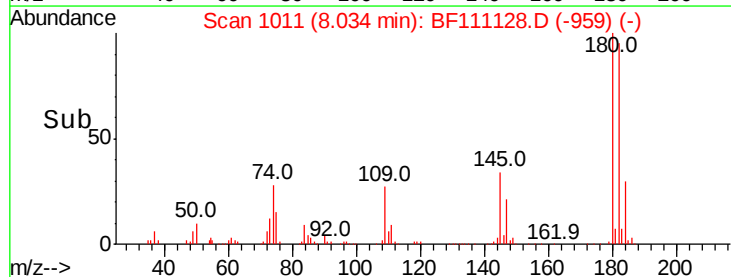
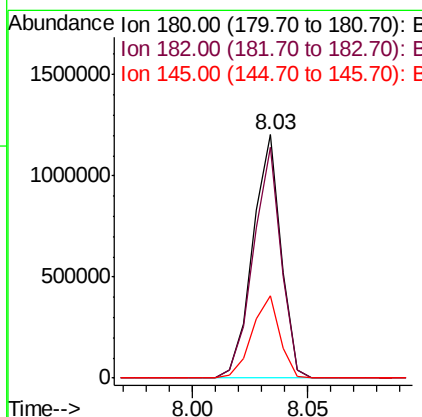
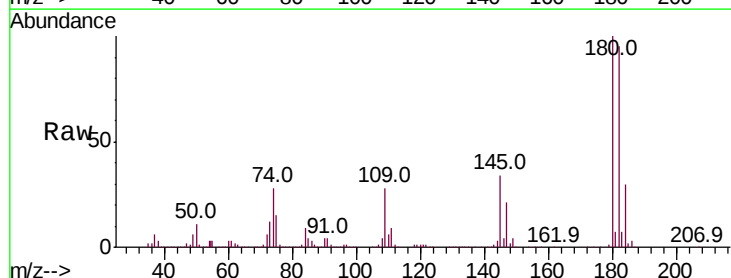
Manual Integrations
APPROVED

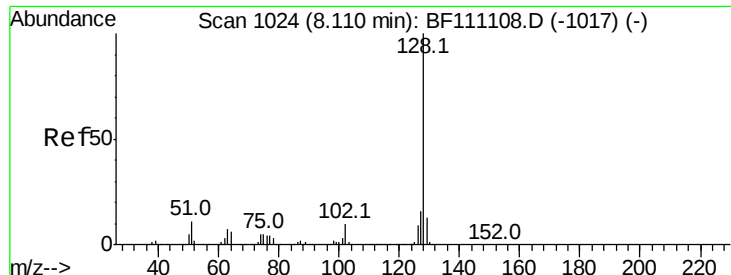
mohammad
12/6/2018 12:12:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.210 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	33.7	27.6	41.4





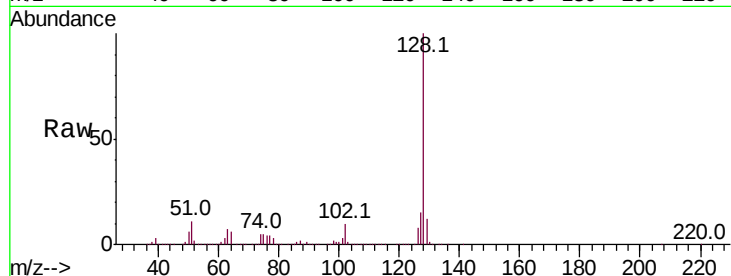
#31
Naphthalene
Concen: 47.047 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.5	15.7
127	14.9	12.5	18.7

Manual Integrations
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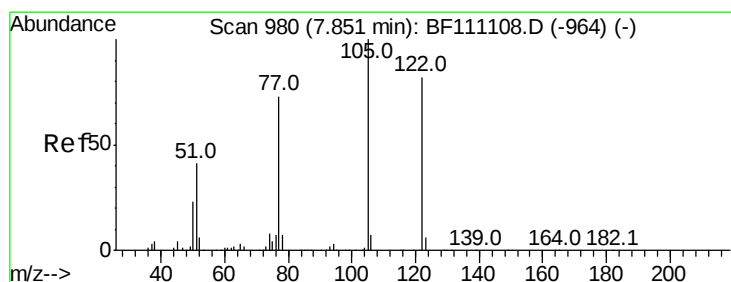
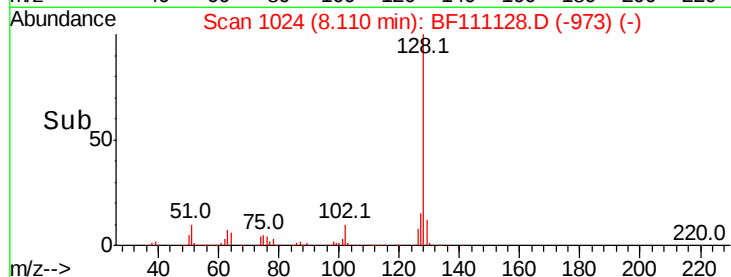
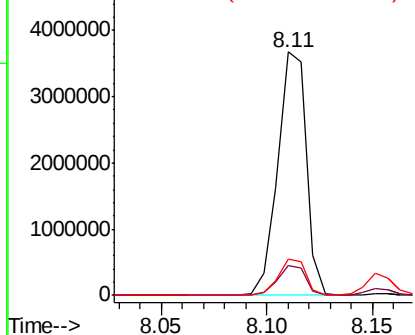


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.719 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

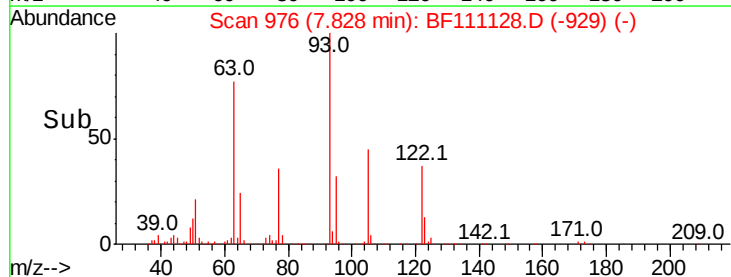
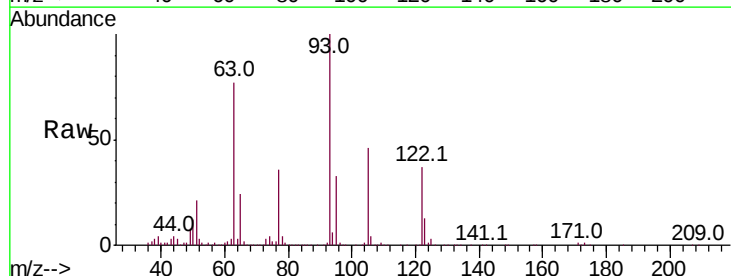
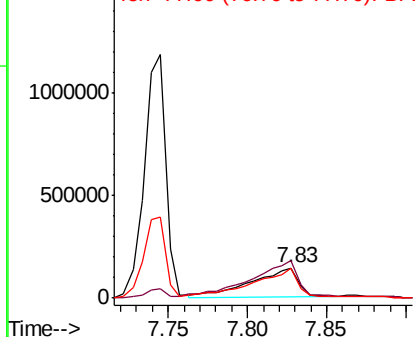
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	100.1	140.1
77	98.1	69.4	109.4

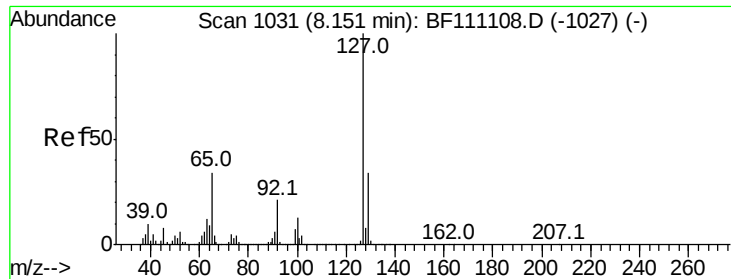
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





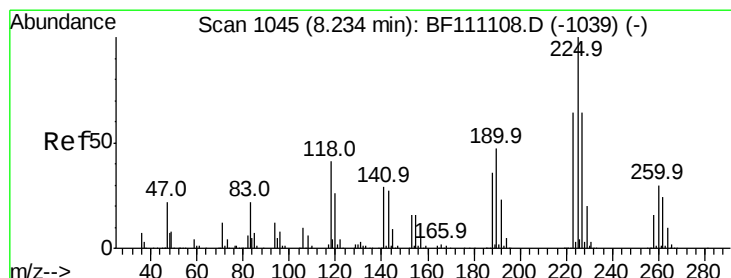
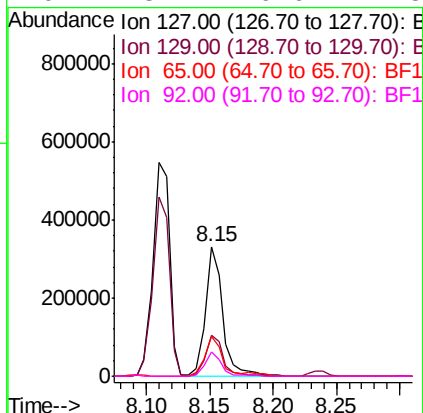
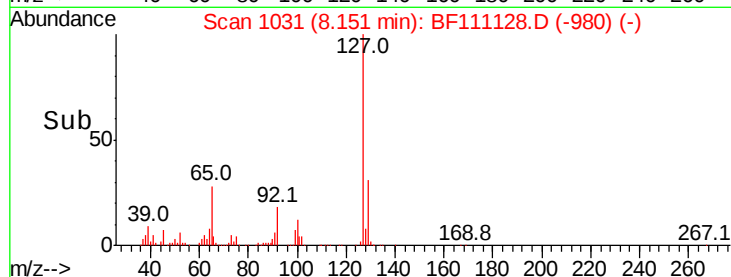
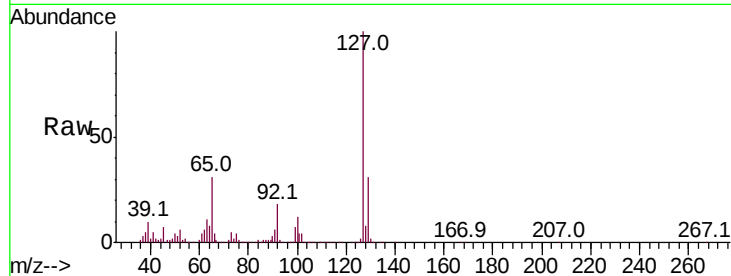
#33
4-Chloroaniline
Concen: 8.891 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	27.0	40.6		
65	30.9	27.2	40.8		
92	18.4	16.6	24.8		

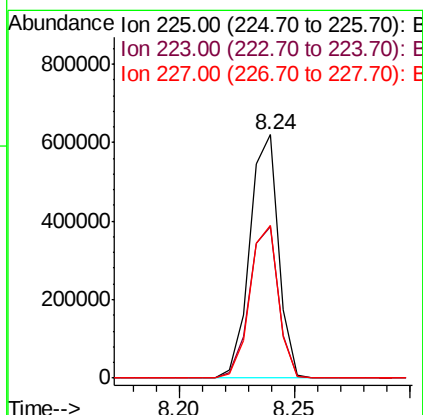
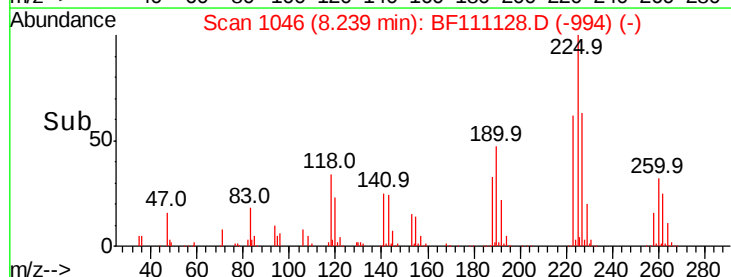
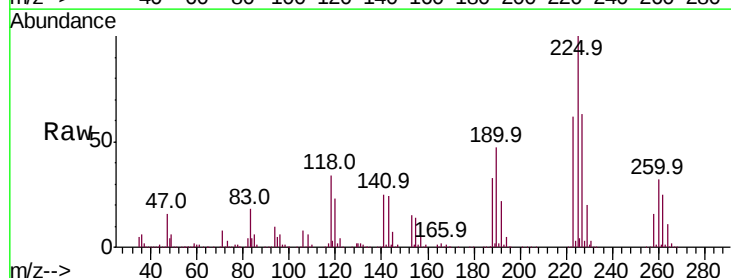
Manual Integrations
APPROVED

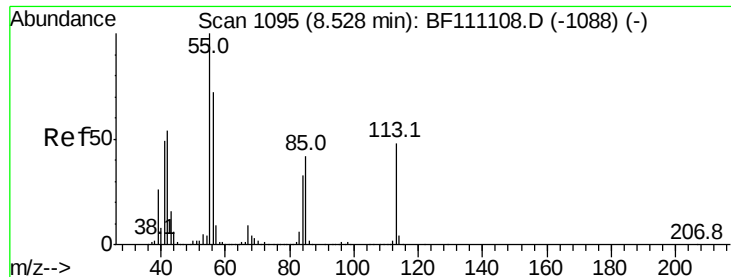
mohammad
12/6/2018 12:12:01 PM



#34
Hexachlorobutadiene
Concen: 40.848 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	51.4	77.2		
227	62.8	51.0	76.4		





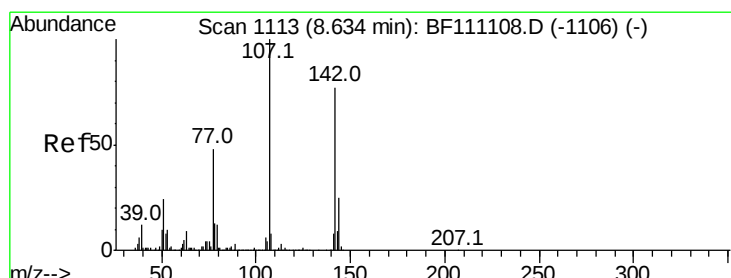
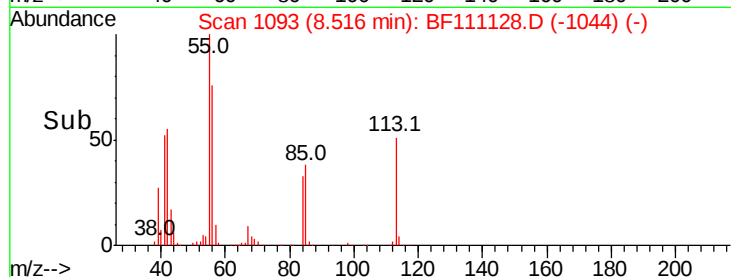
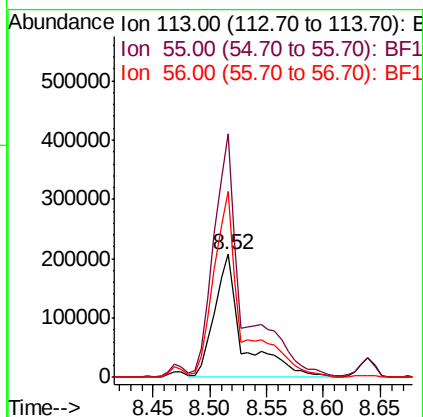
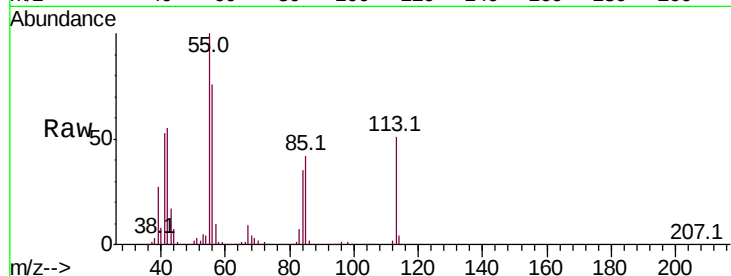
#35
Caprolactam
Concen: 41.029 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.0	190.6	230.6
56	151.0	130.9	170.9

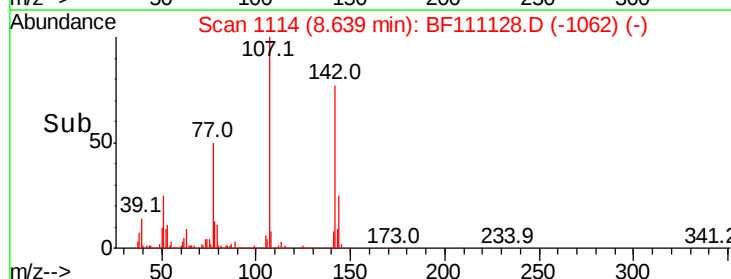
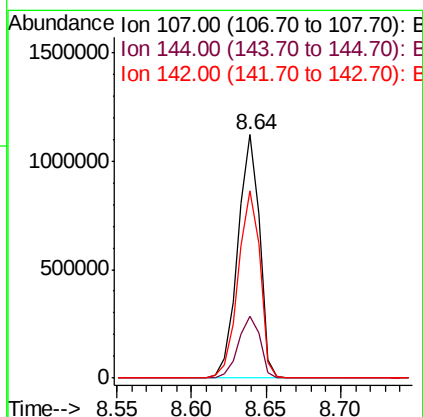
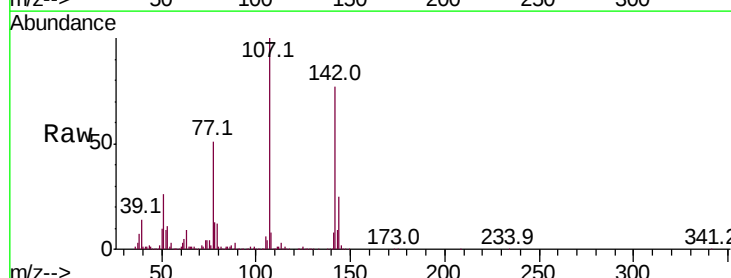
Manual Integrations
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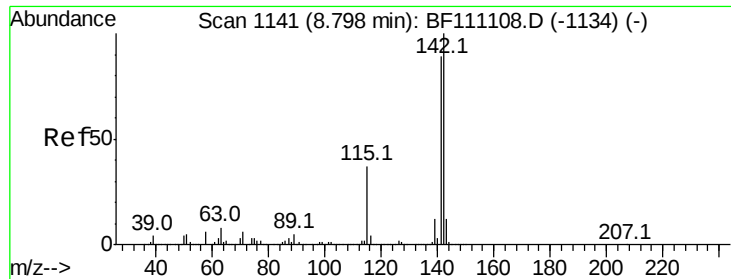
mohammad
12/6/2018 12:12:01 PM



#36
4-Chloro-3-methylphenol
Concen: 43.352 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.9	29.9
142	76.8	61.4	92.0





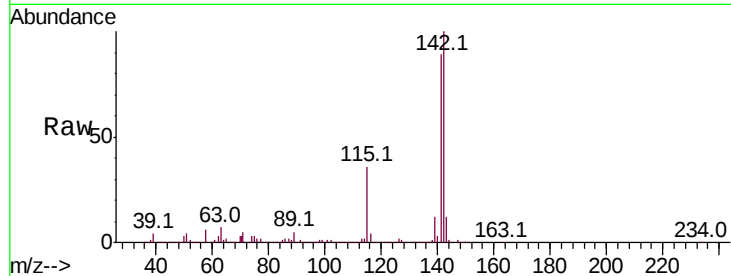
#37
2-Methylnaphthalene
Concen: 46.031 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	36.1	29.2	43.8

Manual Integrations
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12/6/2018 12:12:01 PM

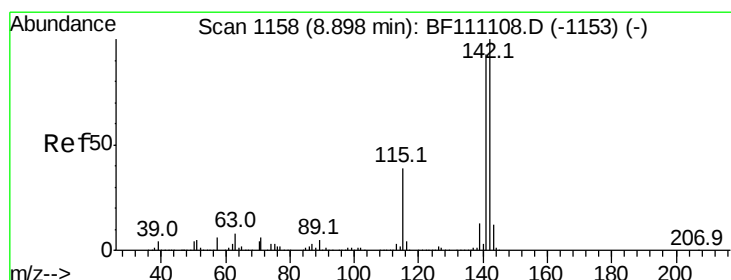
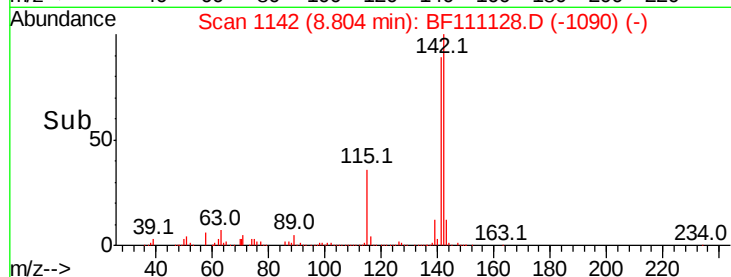
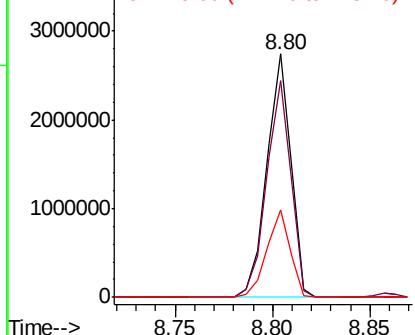


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.508 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

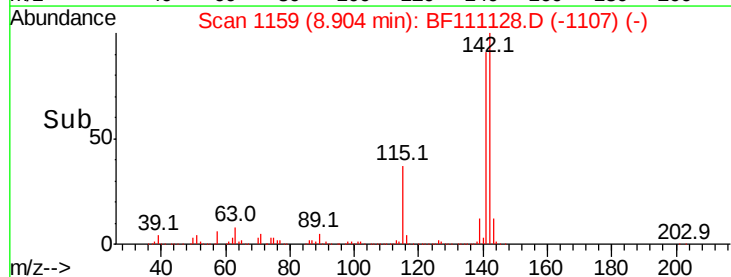
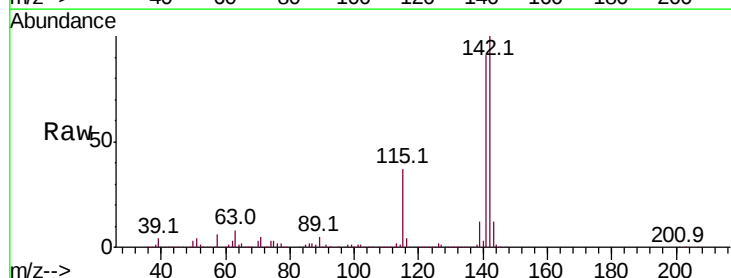
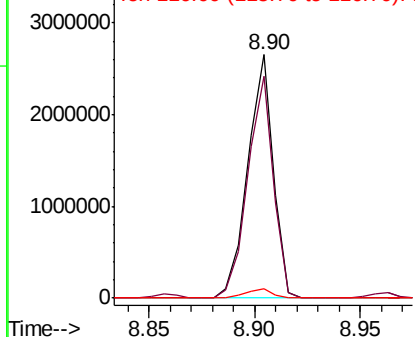
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.5	111.7
116	3.9	3.2	4.8

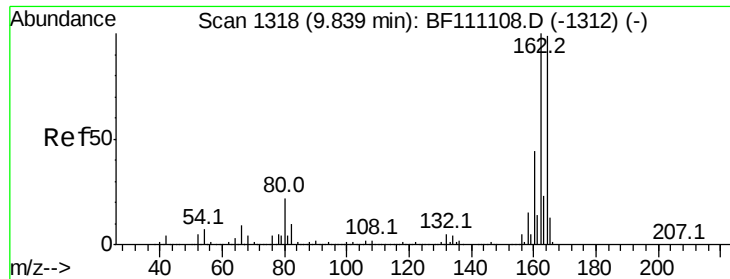
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





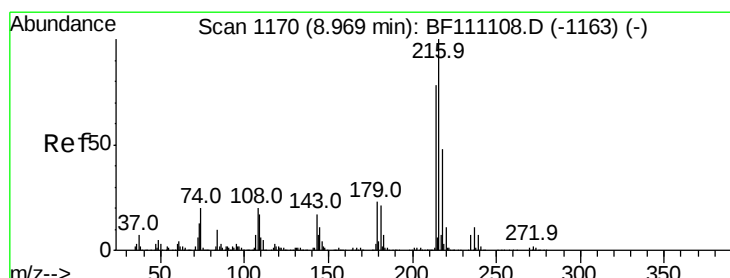
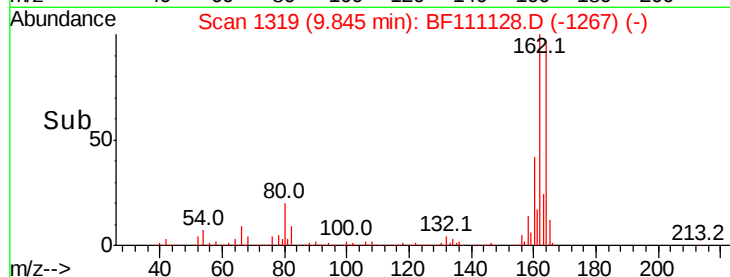
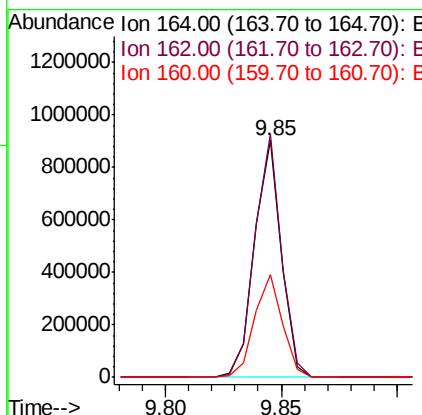
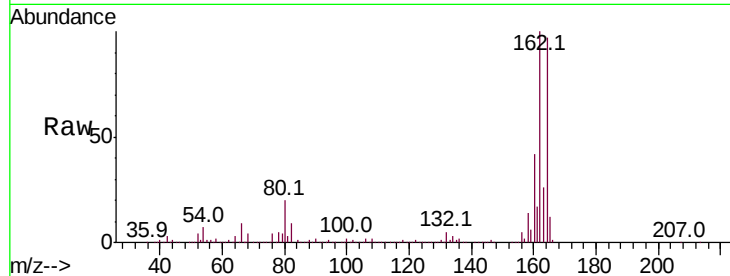
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	733117		
162	102.9	80.6	120.8	
160	43.6	35.5	53.3	

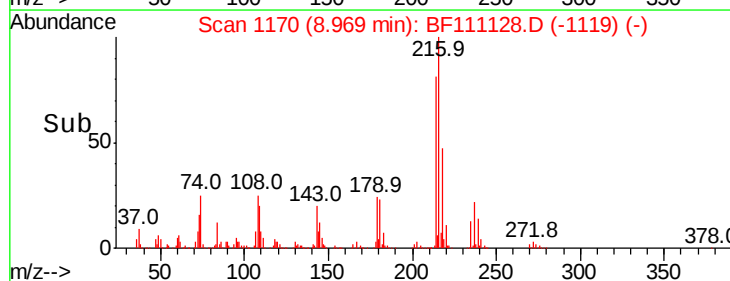
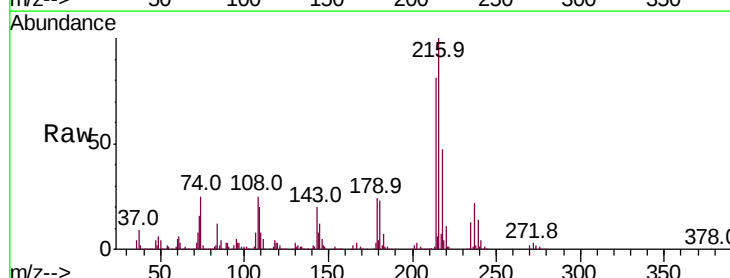
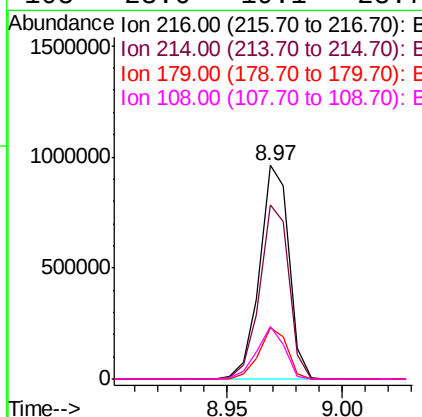
Manual Integrations
APPROVED

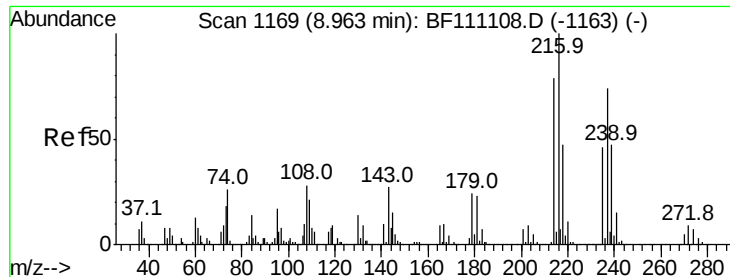
mohammad
12/6/2018 12:12:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.650 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	852885		
214	81.1	63.4	95.0	
179	23.3	18.5	27.7	
108	23.6	19.1	28.7	





#41

Hexachlorocyclopentadiene

Concen: 33.378 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

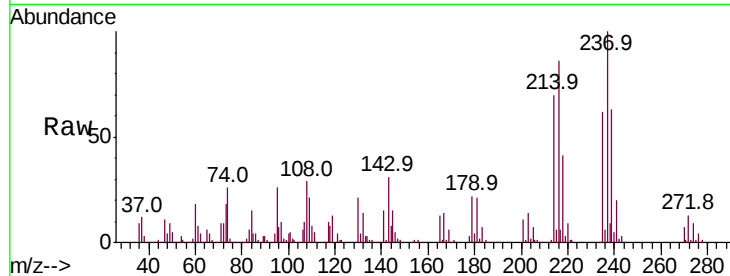
ClientSampleId :

TEST-PITMSD

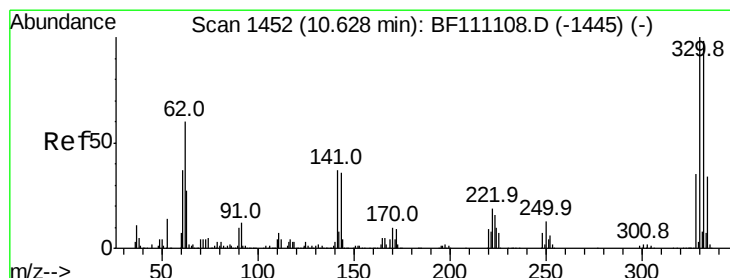
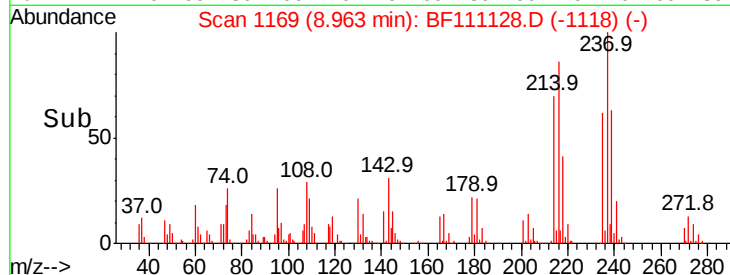
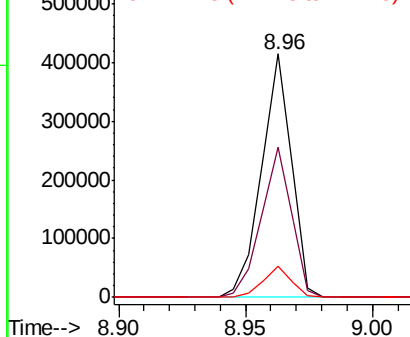
Tot Ion:	237	Resp:	343882
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.9	81.9
272	12.9	0.0	32.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.539 ng

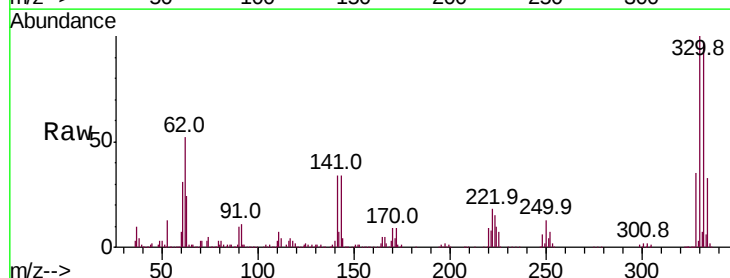
RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

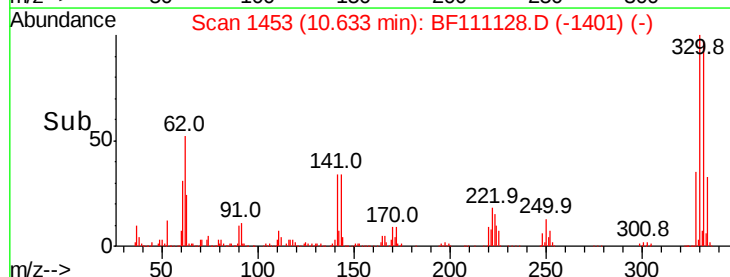
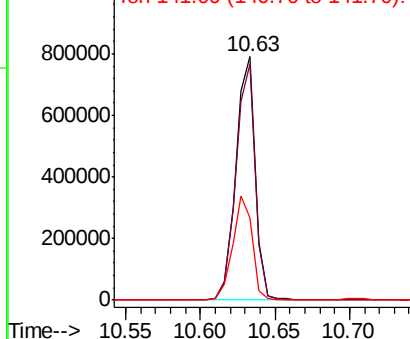
Lab File: BF111128.D

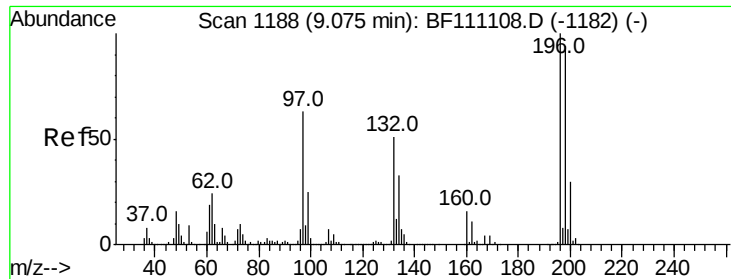
Acq: 6 Dec 2018 00:55

Tgt Ion:	330	Resp:	725744
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	43.3	36.1	54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





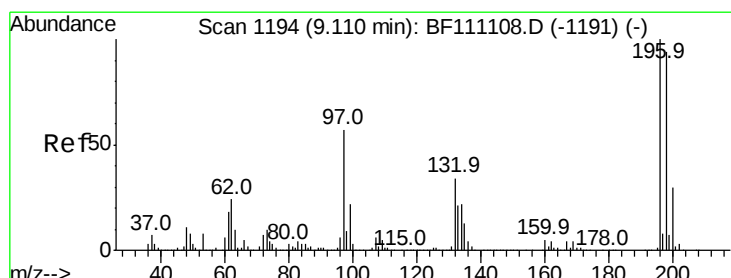
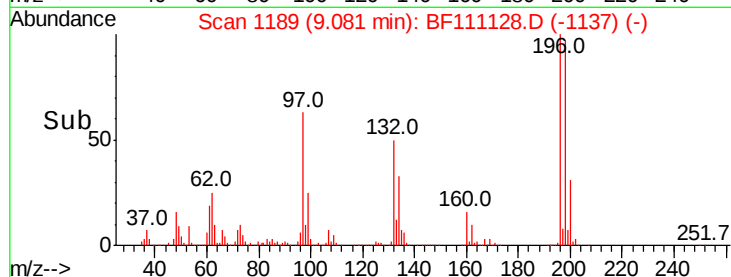
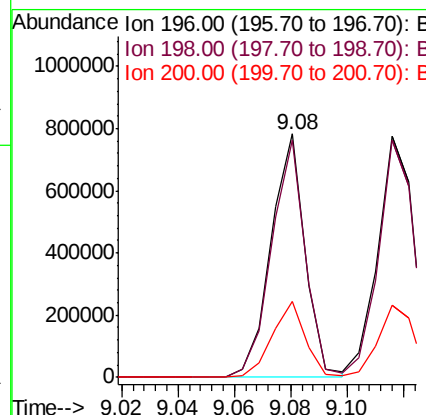
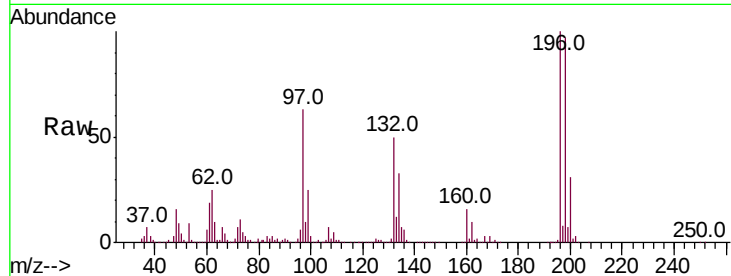
#43
2,4,6-Trichlorophenol
Concen: 46.009 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.4	113.0
200	31.2	24.2	36.4

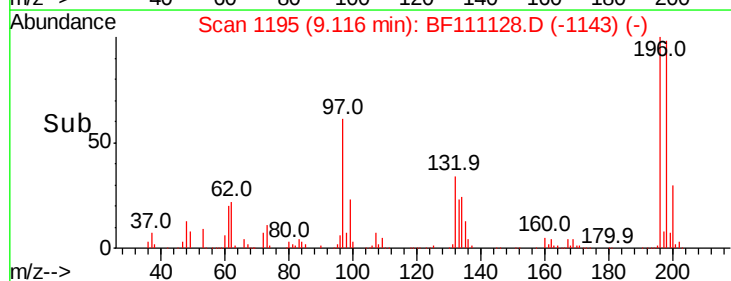
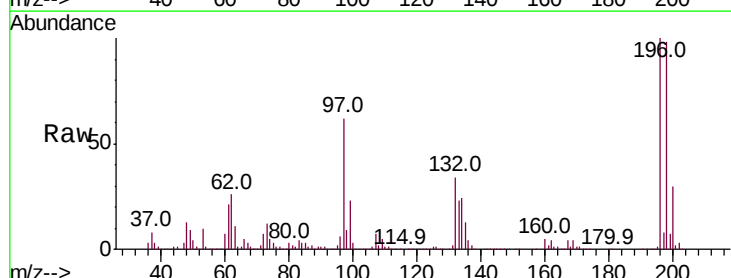
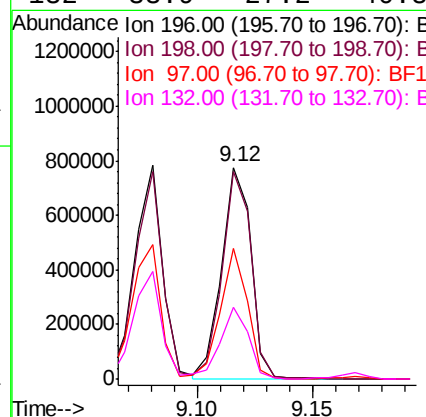
Manual Integrations
APPROVED

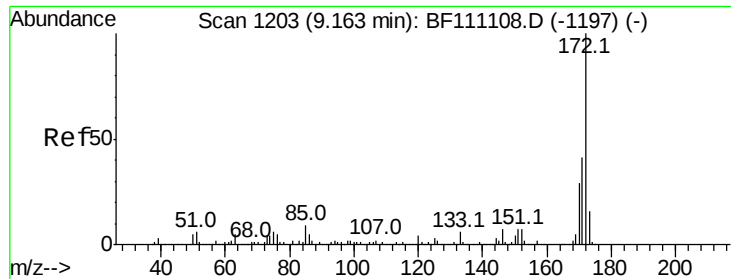
mohammad
12/6/2018 12:12:01 PM



#44
2,4,5-Trichlorophenol
Concen: 46.945 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.0	112.4
97	61.8	46.2	69.4
132	33.9	27.2	40.8





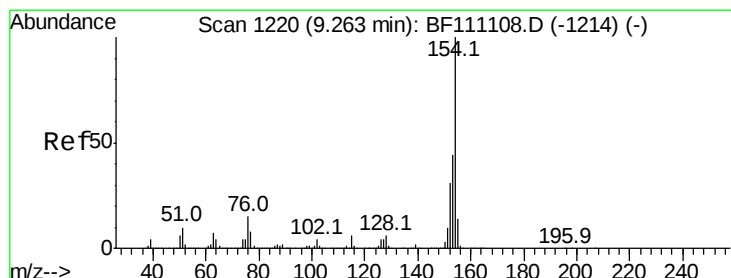
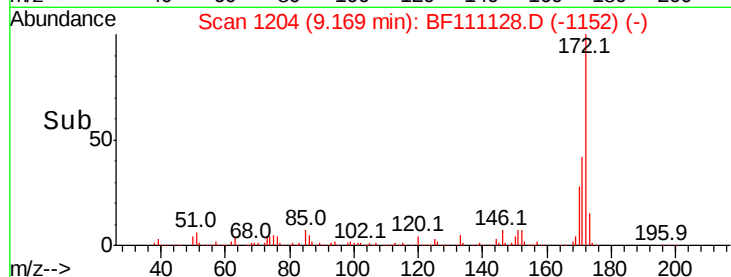
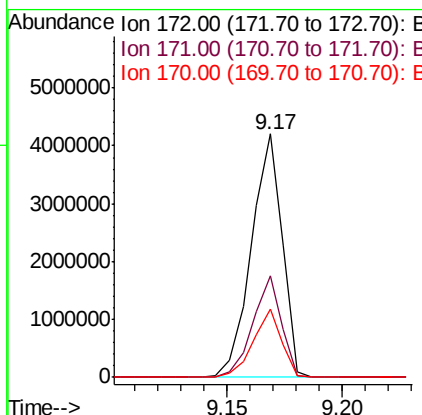
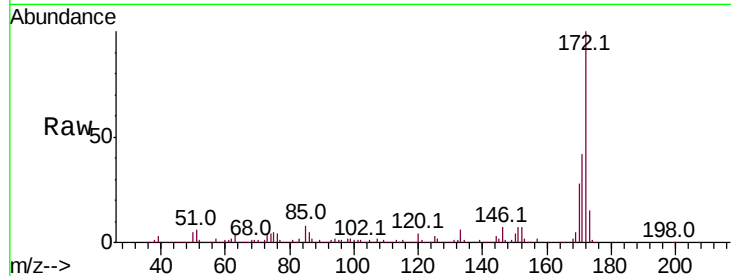
#45
2-Fluorobiphenyl
Concen: 102.153 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion:172 Resp: 3930898
Ion Ratio Lower Upper
172 100
171 41.6 33.2 49.8
170 28.1 22.9 34.3

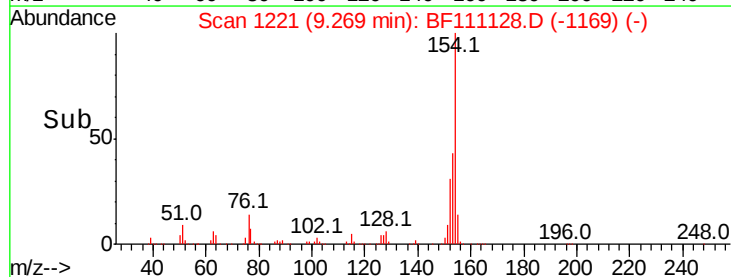
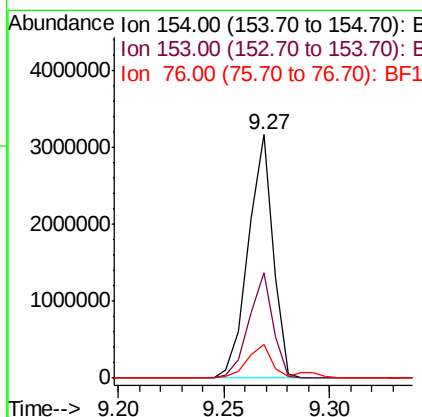
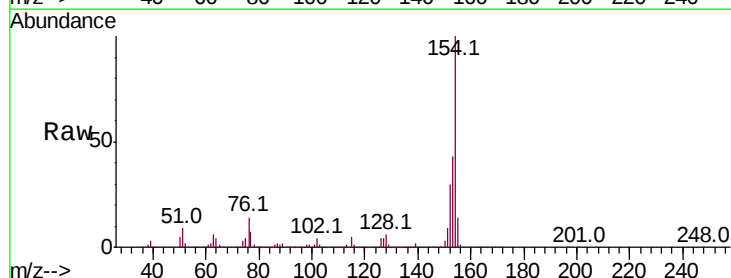
Manual Integrations
APPROVED

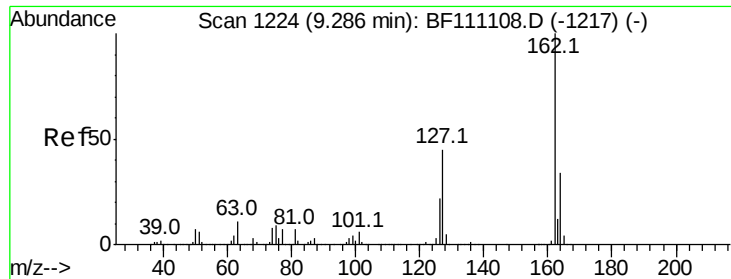
mohammad
12/6/2018 12:12:01 PM



#46
1,1'-Biphenyl
Concen: 43.137 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion:154 Resp: 2588883
Ion Ratio Lower Upper
154 100
153 43.2 23.7 63.7
76 13.7 0.0 35.0





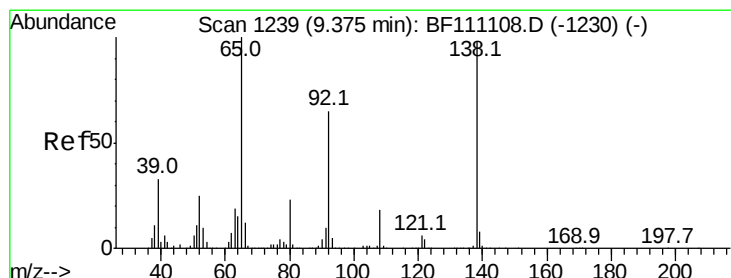
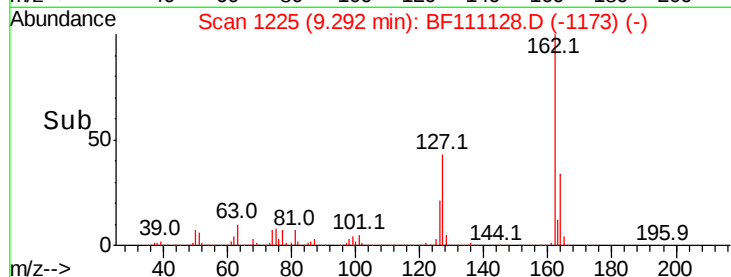
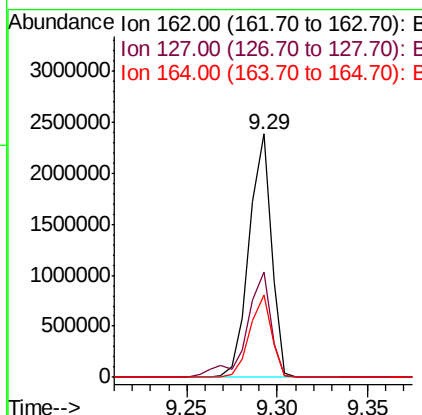
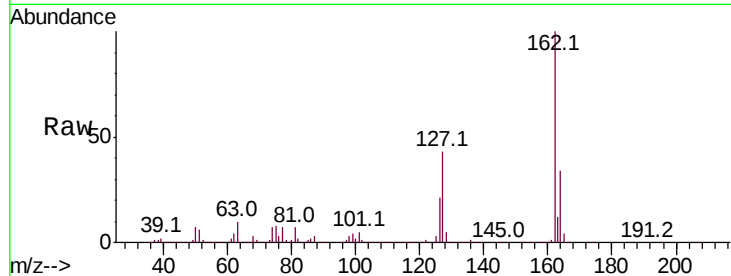
#47
 2-Chloronaphthalene
 Concen: 43.798 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	36.4	54.6
164	34.0	27.3	40.9

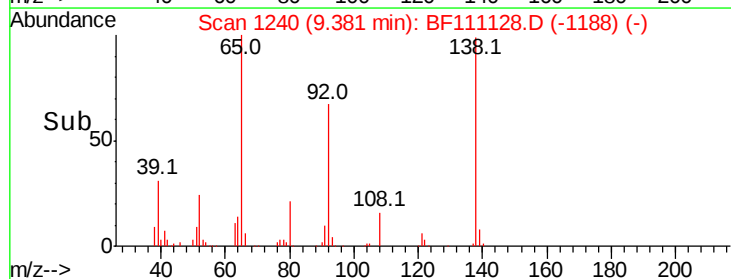
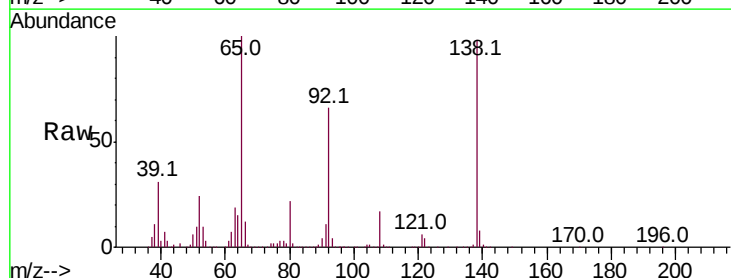
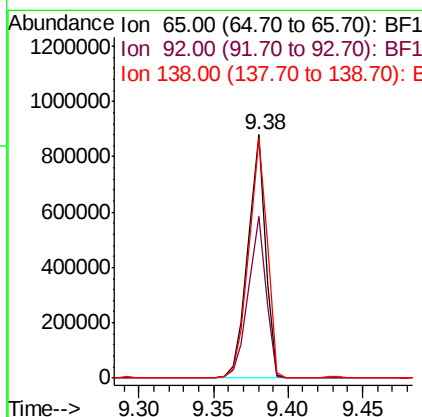
Manual Integrations
 APPROVED

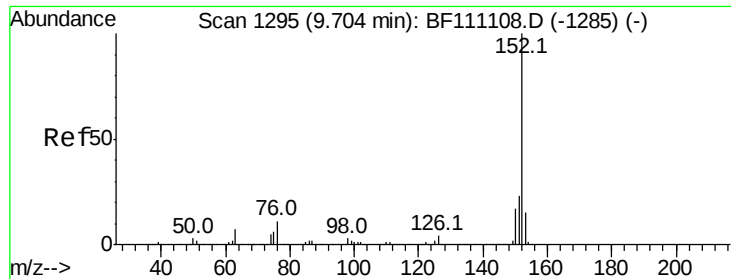
mohammad
 12/6/2018 12:12:01 PM



#48
 2-Nitroaniline
 Concen: 47.577 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.1	78.1
138	98.3	78.2	117.4





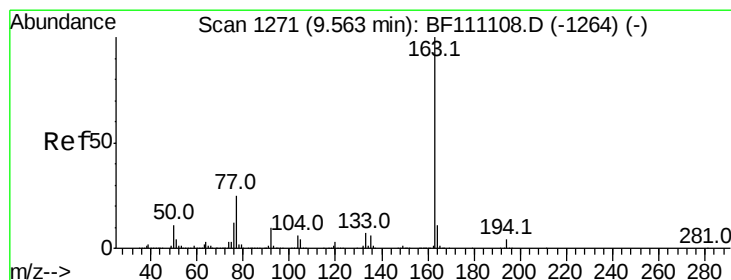
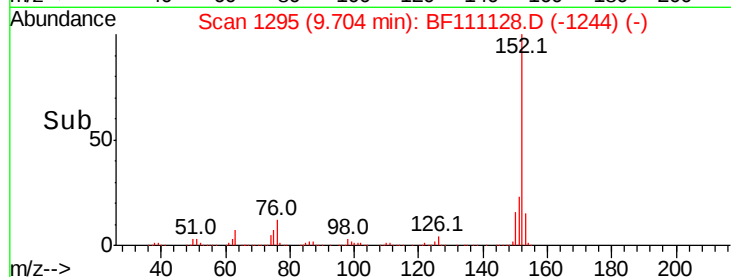
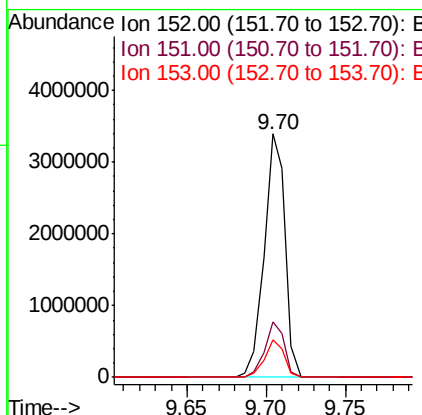
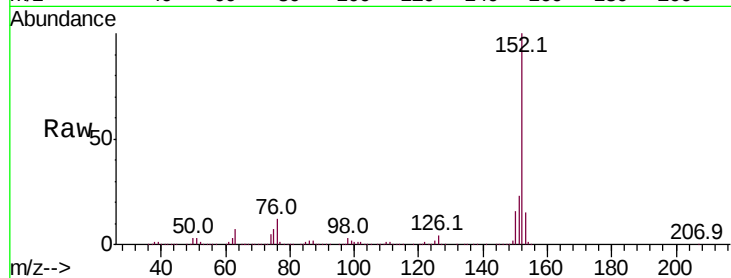
#49
Acenaphthylene
Concen: 47.987 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.3	27.5
153	15.2	11.8	17.8

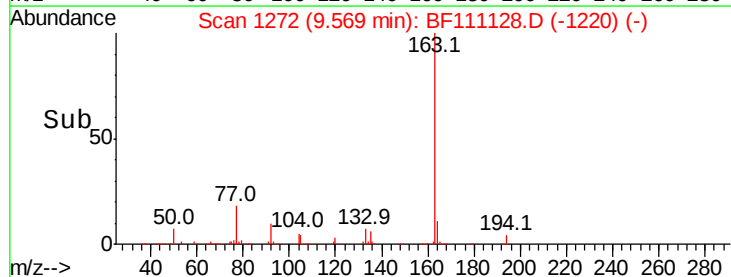
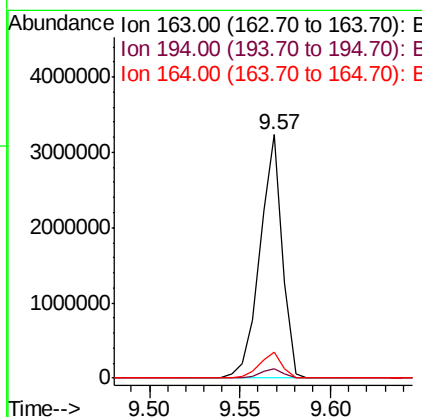
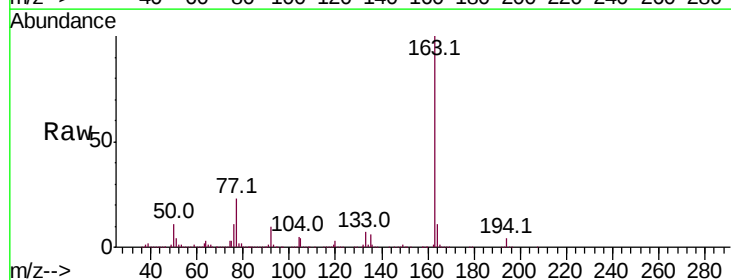
Manual Integrations
APPROVED

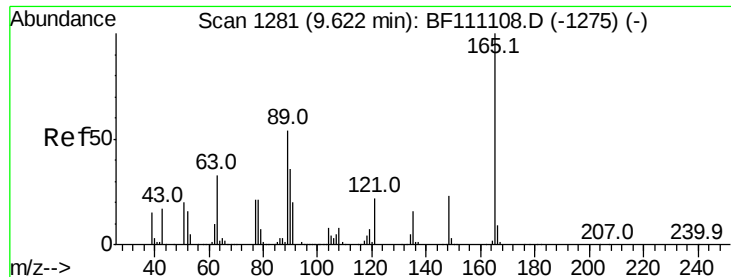
mohammad
12/6/2018 12:12:01 PM



#50
Dimethylphthalate
Concen: 54.300 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.9	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 48.913 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

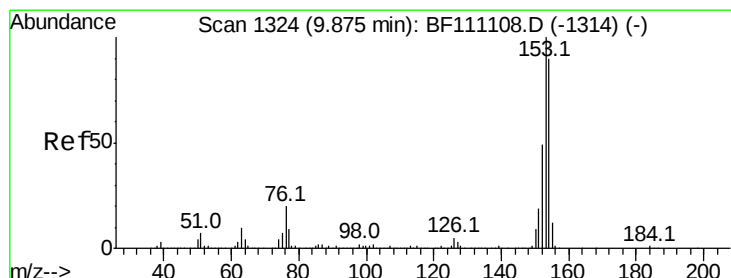
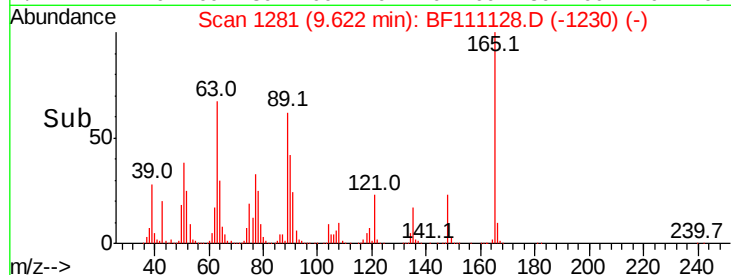
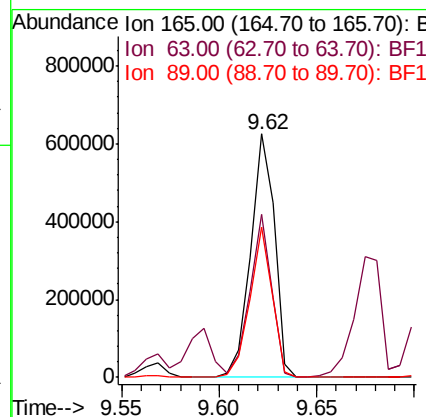
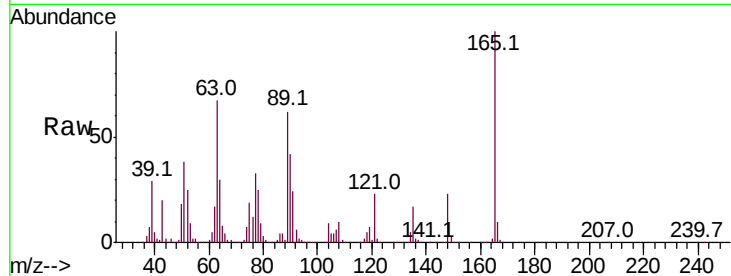
ClientSampleId :

TEST-PITMSD

Tot Ion:	165	Resp:	529109
Ion Ratio	Lower	Upper	
165	100		
63	66.8	44.7	67.1
89	61.7	43.0	64.4

Manual Integrations
APPROVED

mohammad
12/6/2018 12:12:01 PM



#52

Acenaphthene

Concen: 43.165 ng

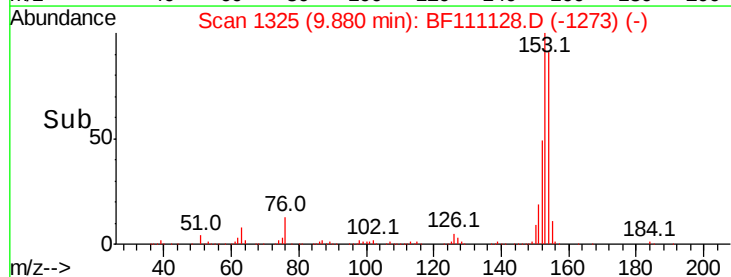
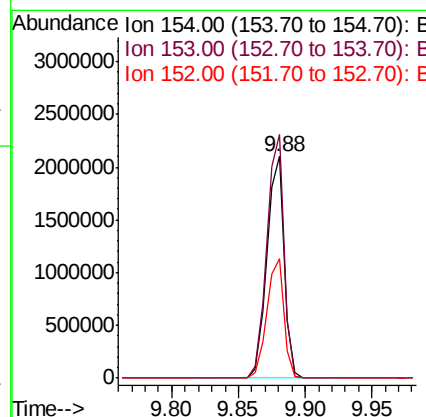
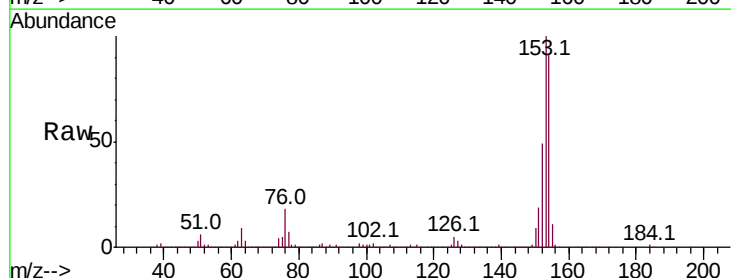
RT: 9.88 min Scan# 1325

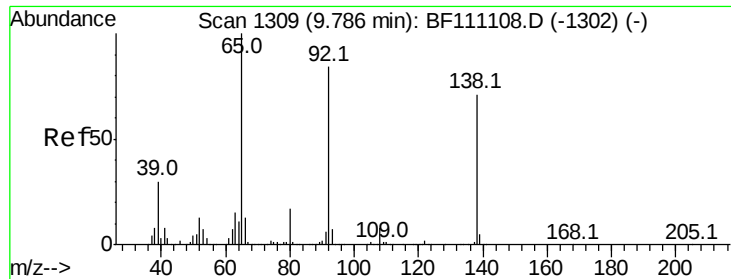
Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Tgt Ion:	154	Resp:	1858916
Ion Ratio	Lower	Upper	
154	100		
153	109.9	88.7	133.1
152	54.1	43.8	65.8





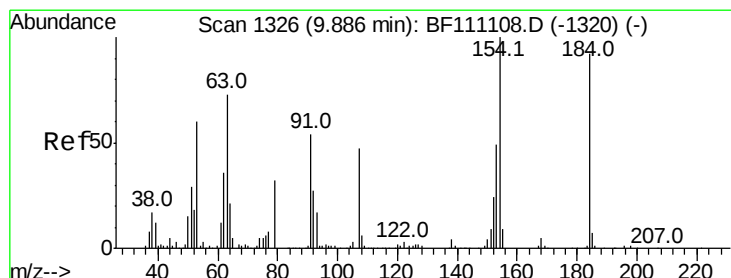
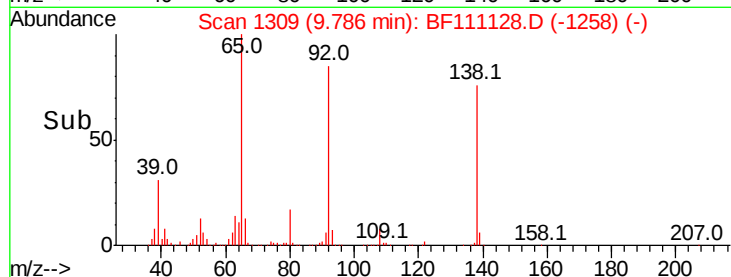
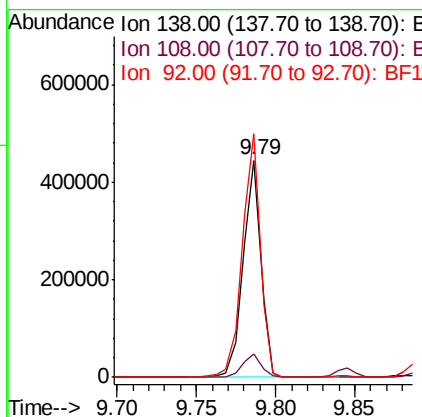
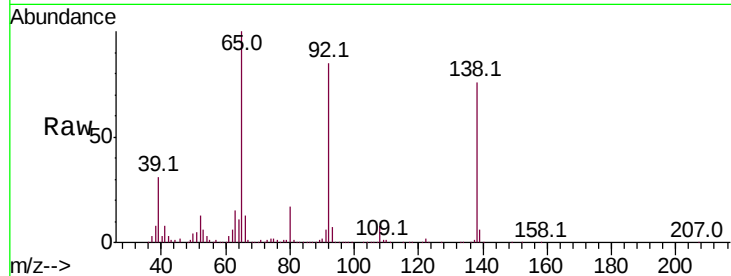
#53
3-Nitroaniline
Concen: 25.399 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	112.3	94.1	141.1

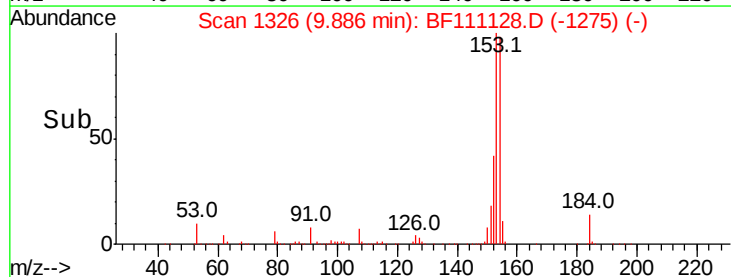
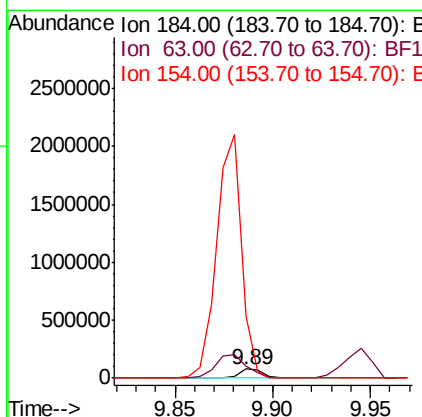
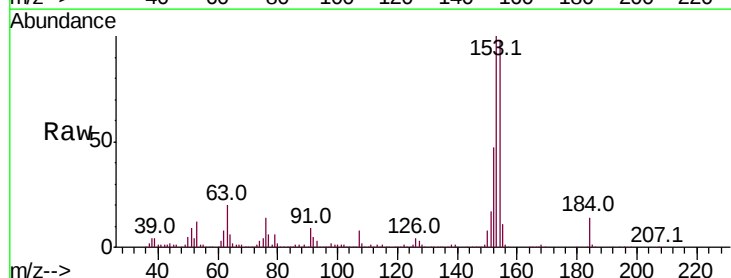
Manual Integrations
APPROVED

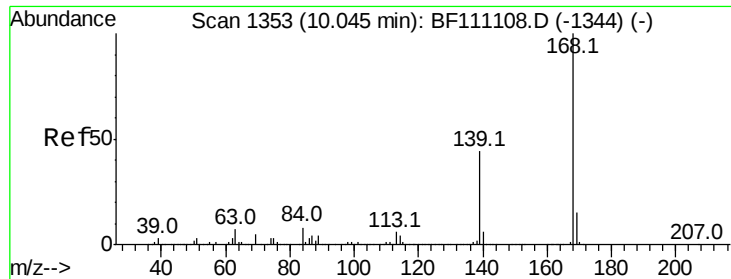
mohammad
12/6/2018 12:12:01 PM



#54
2,4-Dinitrophenol
Concen: 24.800 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	136.2	64.2	96.4#
154	681.0	89.5	134.3#





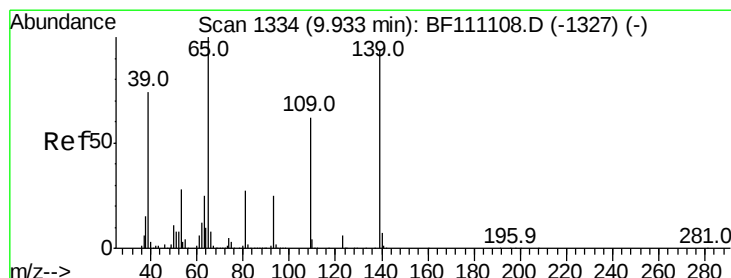
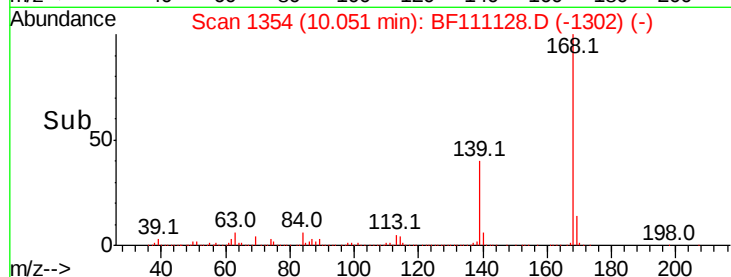
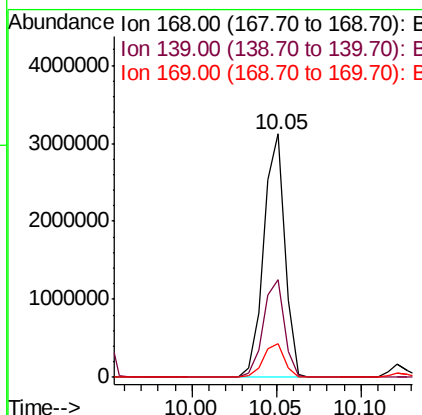
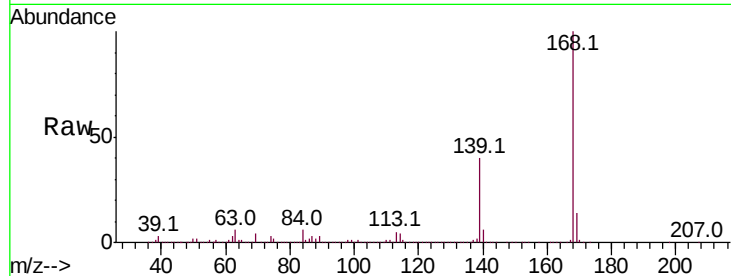
#55
Dibenzofuran
Concen: 45.550 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	35.1	52.7
169	14.0	12.2	18.4

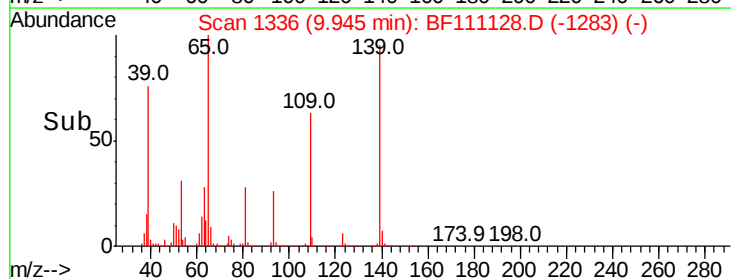
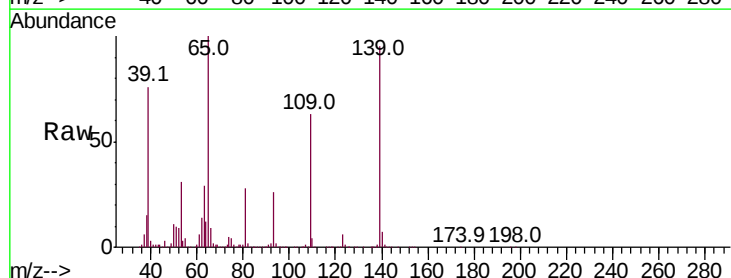
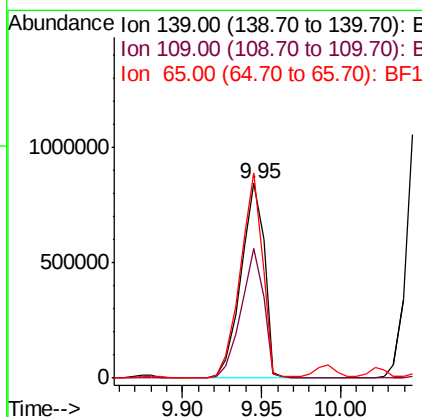
Manual Integrations
APPROVED

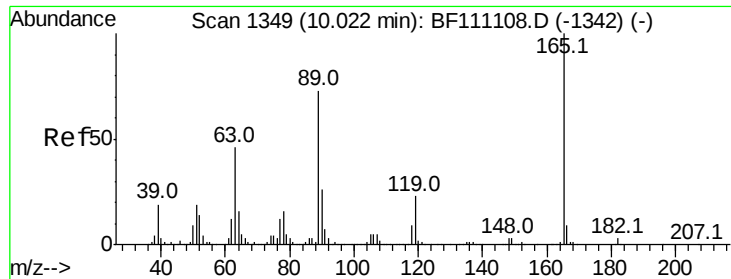
mohammad
12/6/2018 12:12:01 PM



#56
4-Nitrophenol
Concen: 84.178 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	46.1	86.1
65	105.2	87.0	127.0





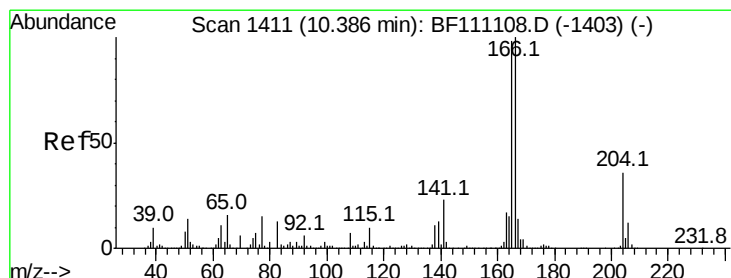
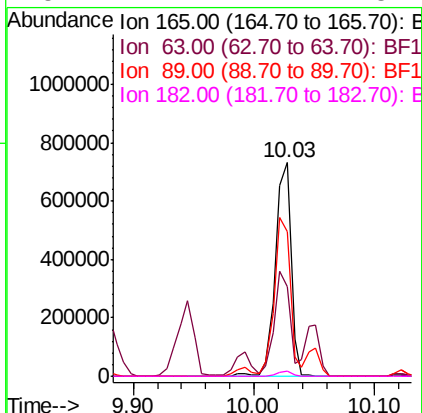
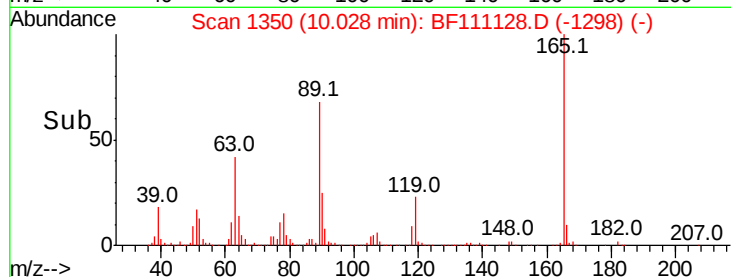
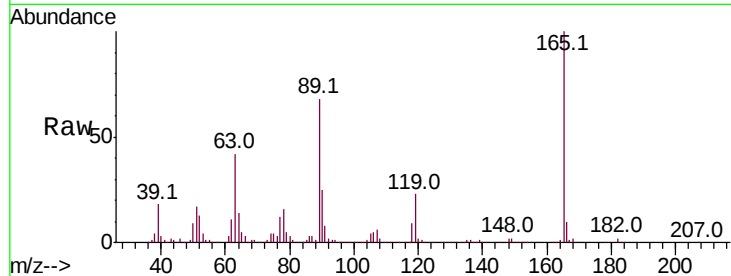
#57
2,4-Dinitrotoluene
Concen: 46.688 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	652269		
63	41.8	36.7	55.1	
89	67.6	58.4	87.6	
182	2.4	2.1	3.1	

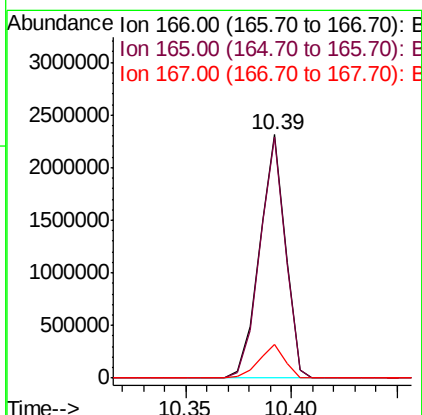
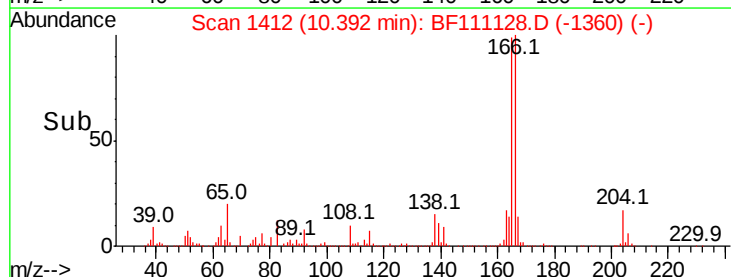
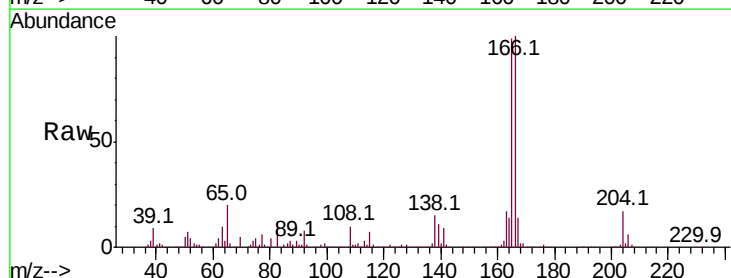
Manual Integrations
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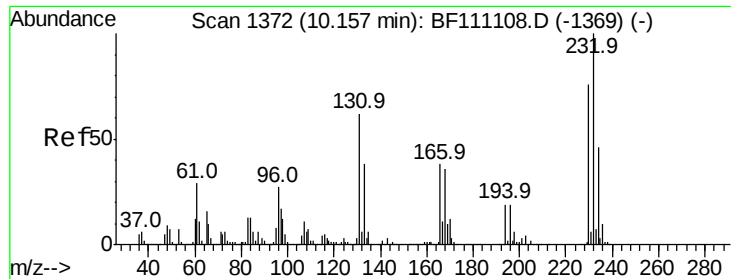
mohammad
12/6/2018 12:12:01 PM



#58
Fluorene
Concen: 46.970 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1964686		
165	98.8	78.4	117.6	
167	14.1	11.4	17.2	





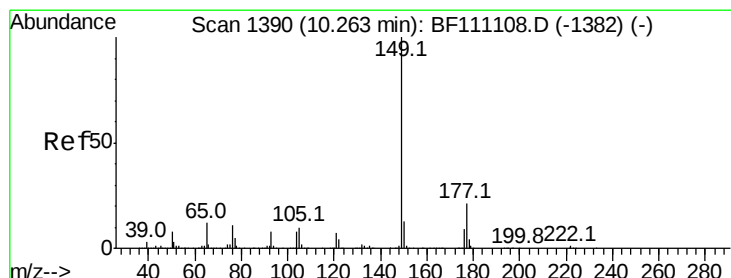
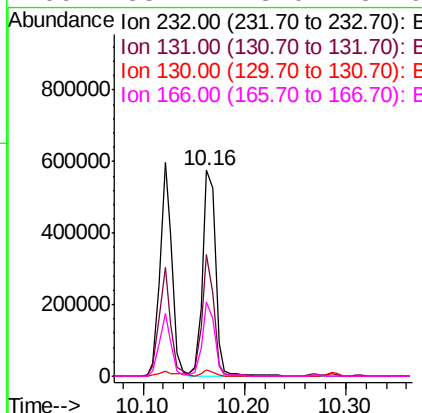
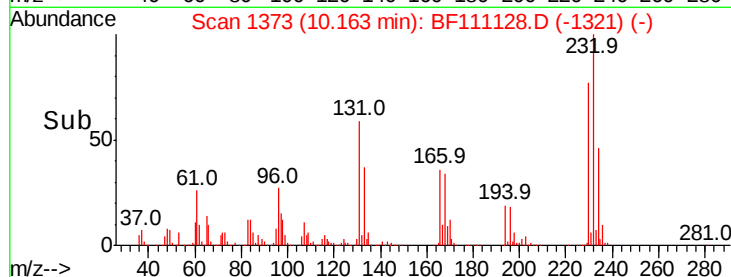
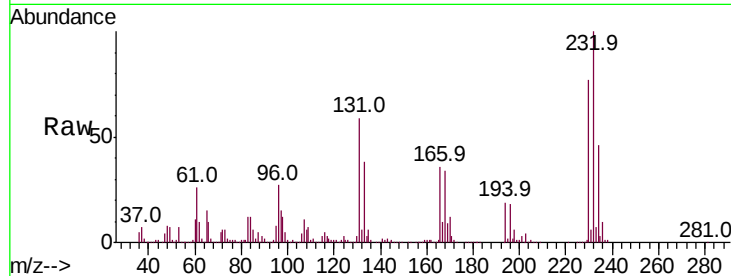
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.726 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.6	40.4	60.6
130	2.6	2.1	3.1
166	33.7	23.0	34.6

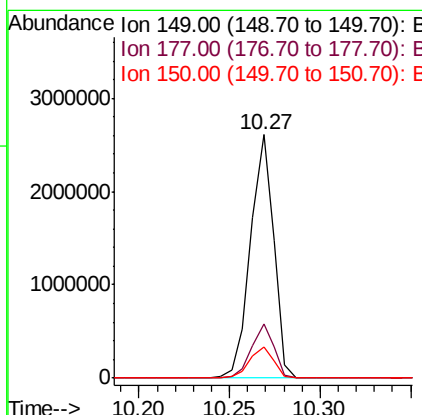
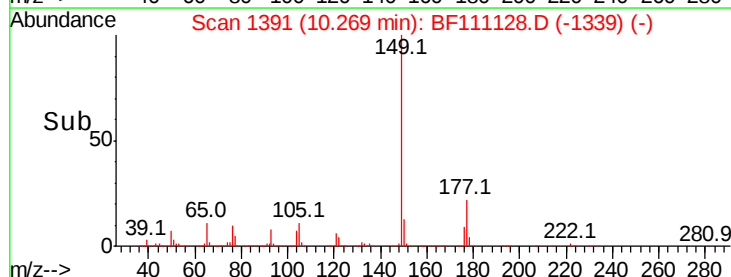
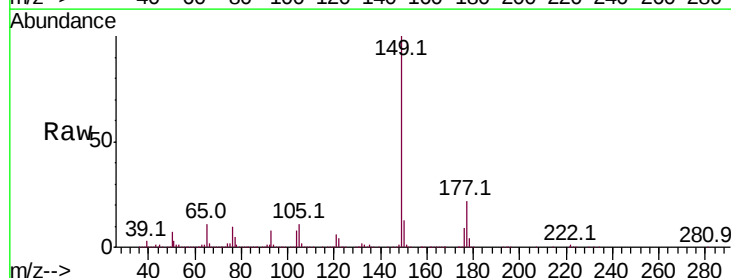
Manual Integrations
APPROVED

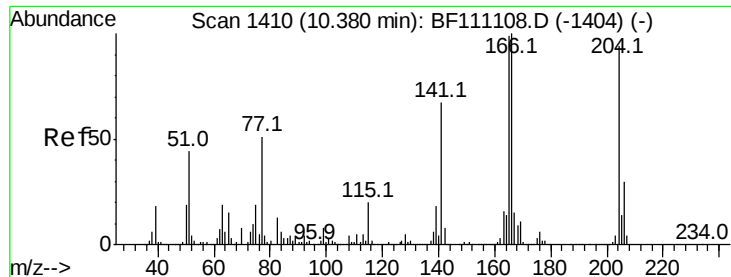
mohammad
12/6/2018 12:12:01 PM



#60
Diethylphthalate
Concen: 45.706 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	13.0	10.5	15.7





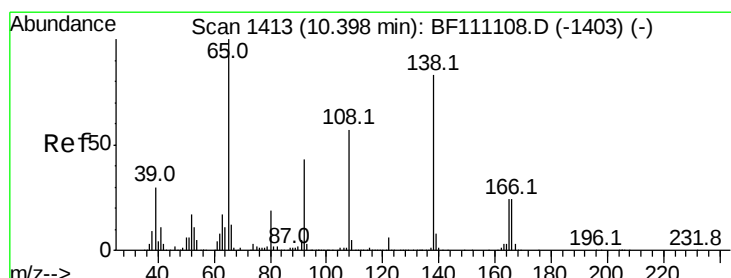
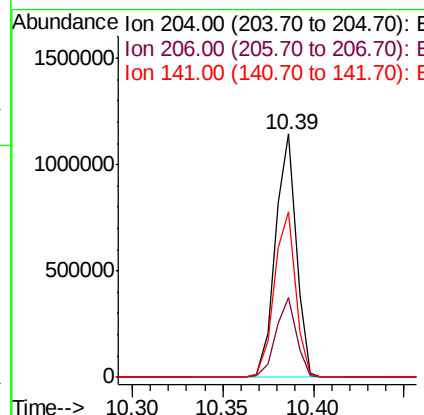
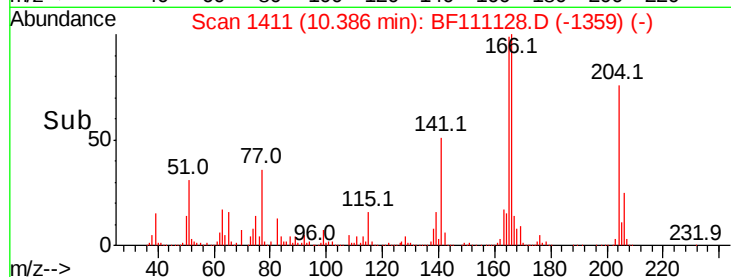
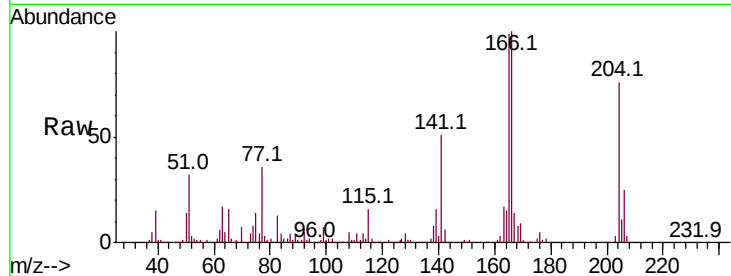
#61
 4-Chlorophenyl-phenylether
 Concen: 44.388 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion:	204	Resp:	914992
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.9	38.9
141	67.8	57.4	86.0

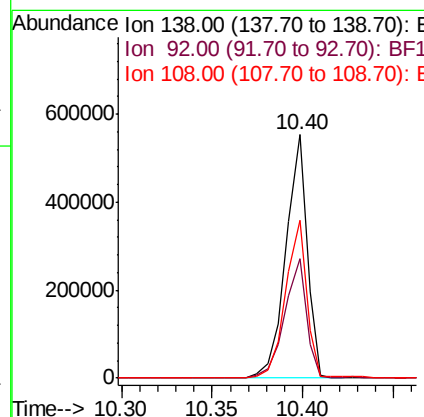
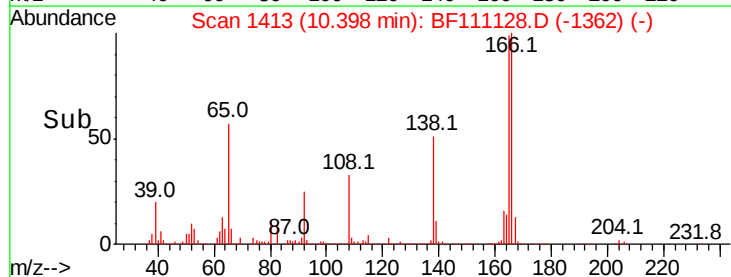
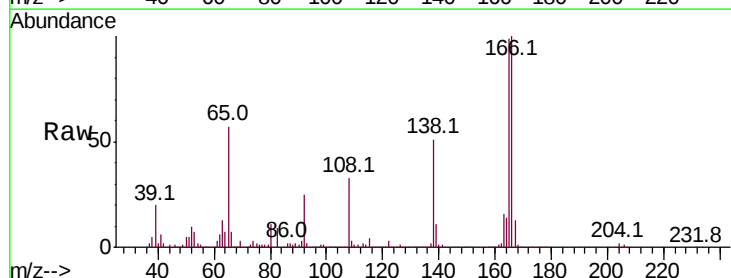
Manual Integrations
 APPROVED

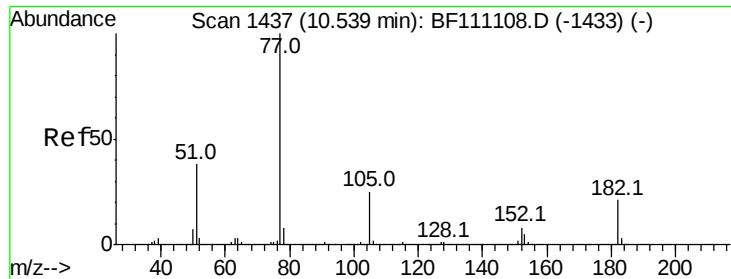
mohammad
 12/6/2018 12:12:01 PM



#62
 4-Nitroaniline
 Concen: 36.905 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Tgt Ion:	138	Resp:	452591
Ion Ratio	Lower	Upper	
138	100		
92	48.8	31.6	71.6
108	64.7	48.3	88.3





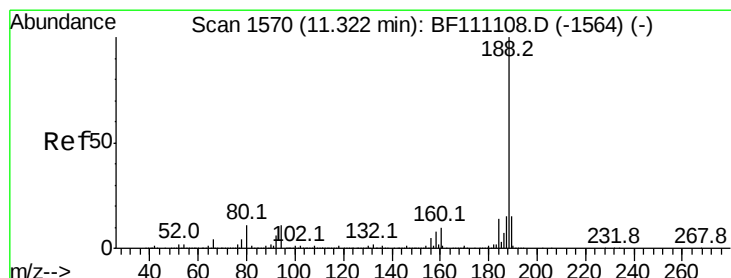
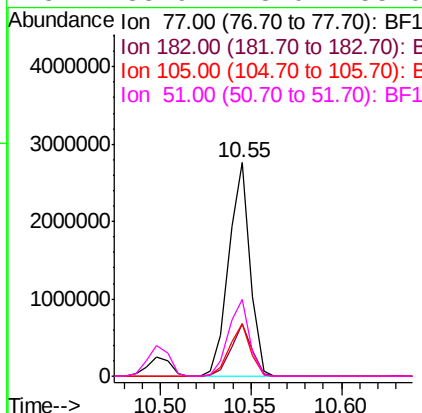
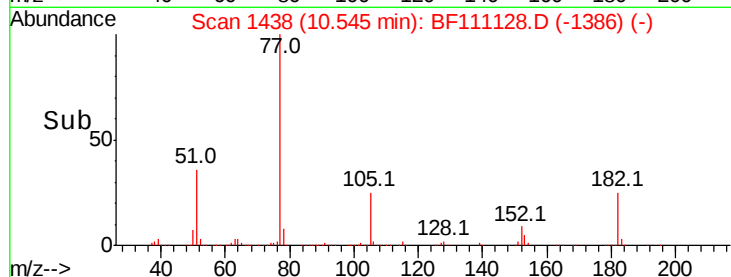
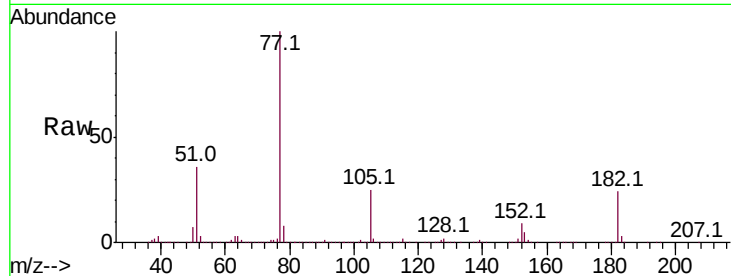
#63
Azobenzene
Concen: 41.548 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion: 77 Resp: 2255436
Ion Ratio Lower Upper
77 100
182 24.5 1.4 41.4
105 24.8 4.7 44.7
51 35.9 18.0 58.0

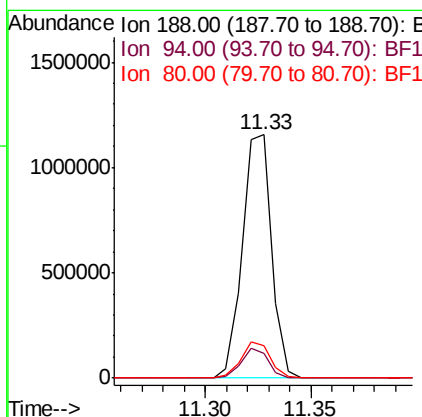
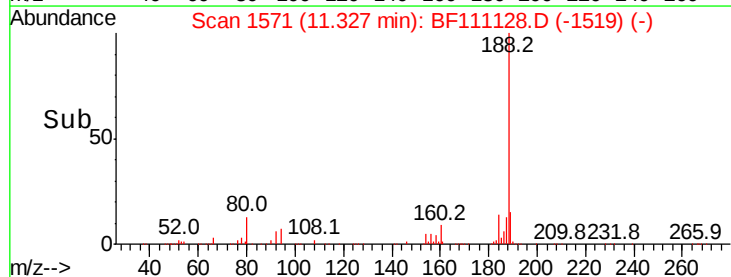
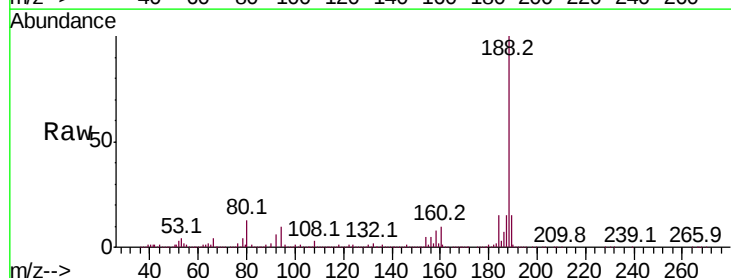
Manual Integrations
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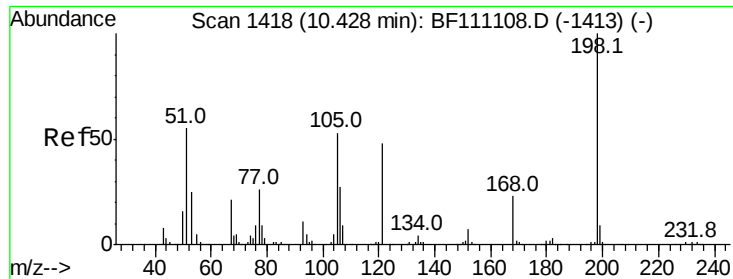
mohammad
12/6/2018 12:12:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion: 188 Resp: 1103080
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 13.5 9.0 13.6





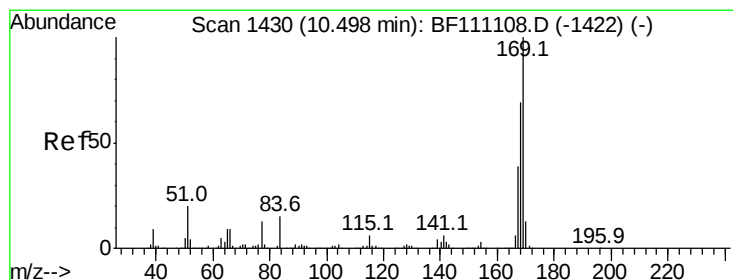
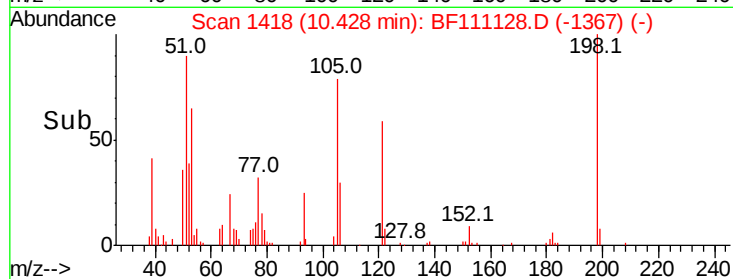
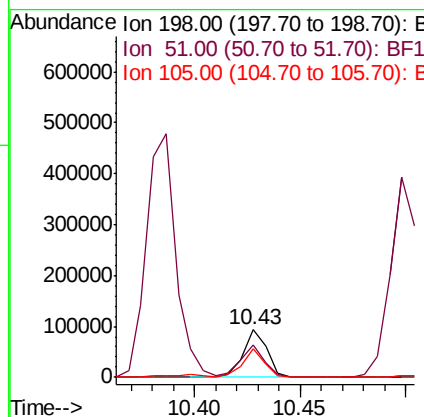
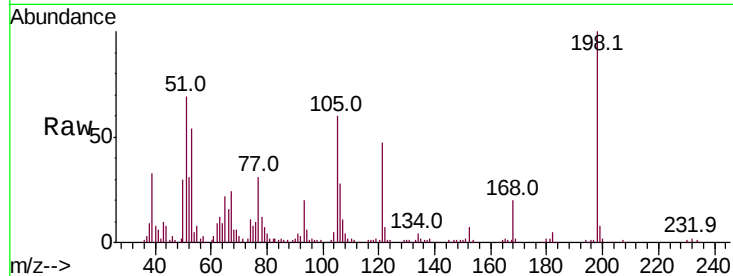
#65
 4,6-Dinitro-2-methylphenol
 Concen: 15.943 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	69.0	48.8	88.8
105	59.9	35.2	75.2

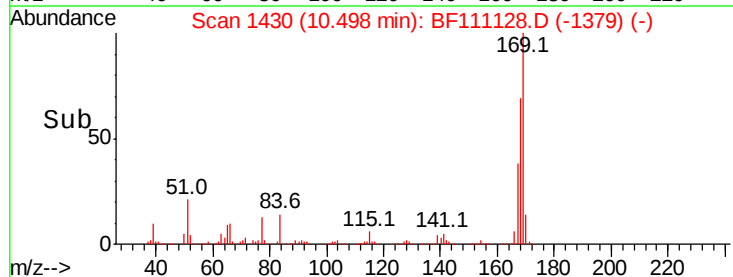
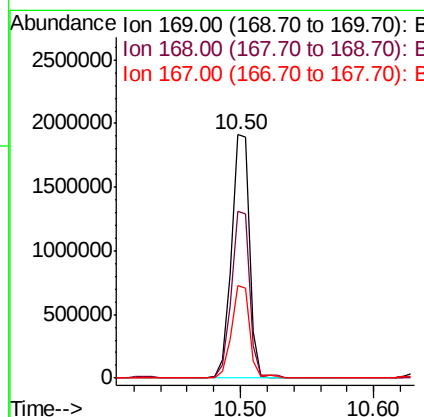
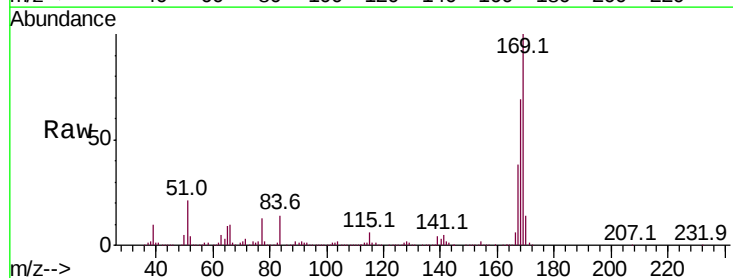
Manual Integrations
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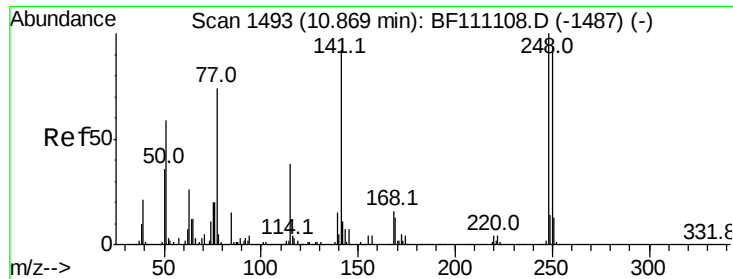
mohammad
 12/6/2018 12:12:01 PM



#66
 n-Nitrosodiphenylamine
 Concen: 47.444 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.4	83.2
167	37.9	31.1	46.7





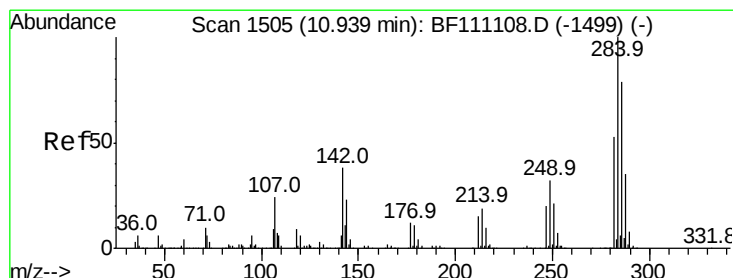
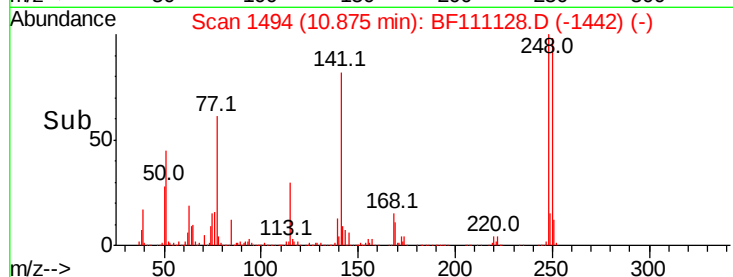
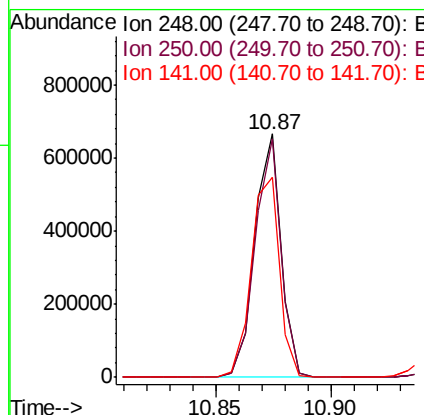
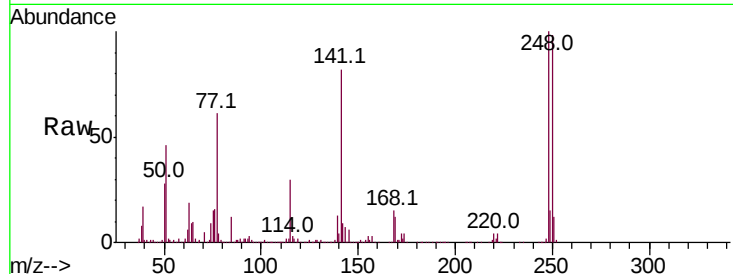
#67
4-Bromophenyl-phenylether
Concen: 45.688 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.4	113.0
141	82.4	73.8	110.6

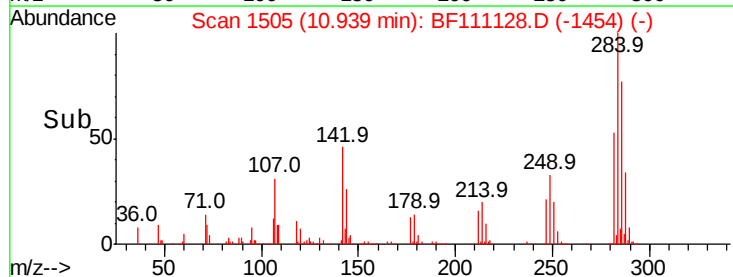
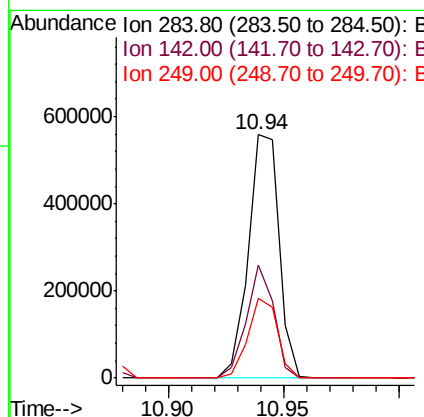
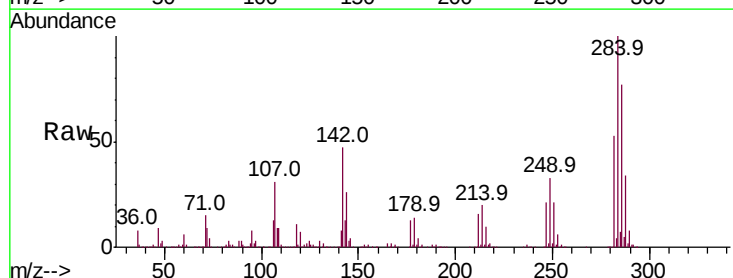
Manual Integrations
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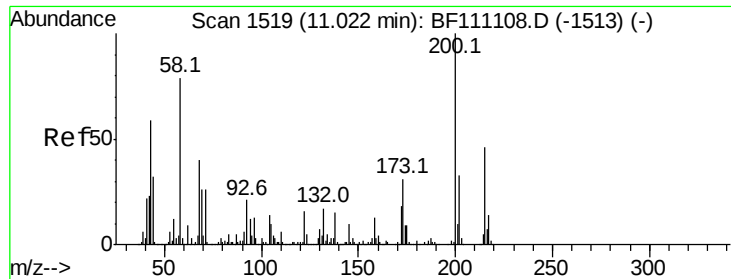
mohammad
12/6/2018 12:12:01 PM



#68
Hexachlorobenzene
Concen: 43.670 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.6	30.2	45.2#
249	33.0	25.3	37.9





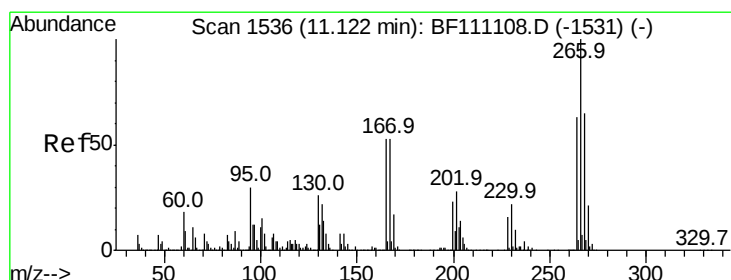
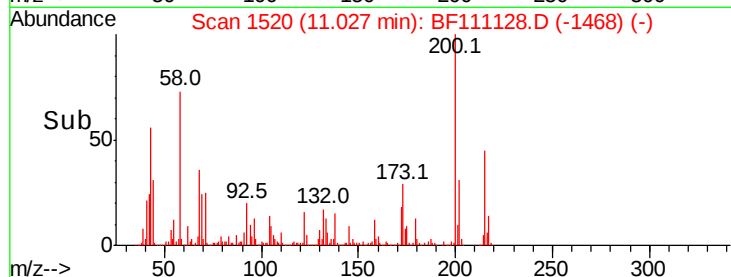
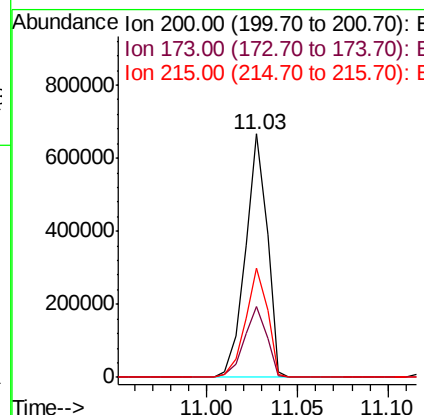
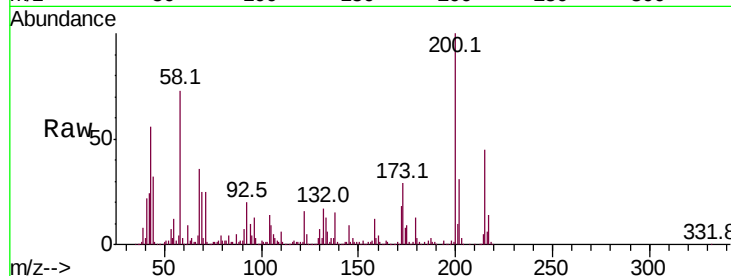
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	11.3	51.3
215	44.7	25.9	65.9

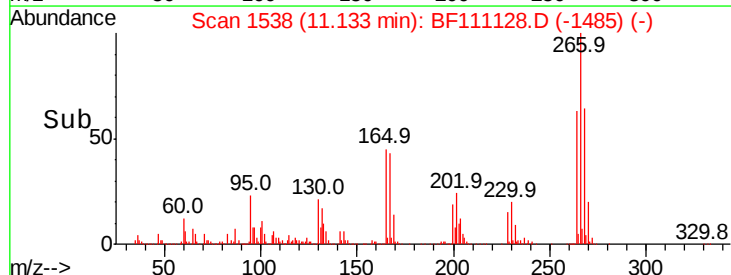
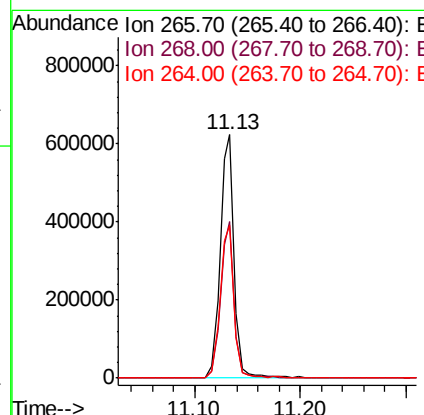
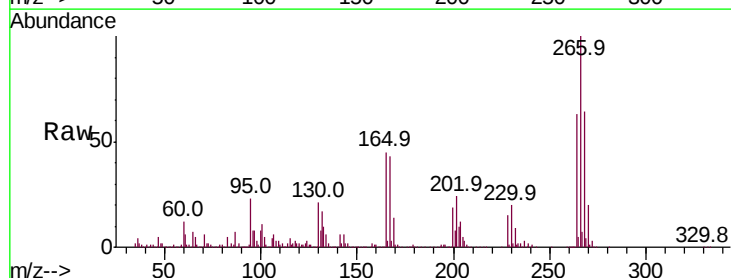
Manual Integrations
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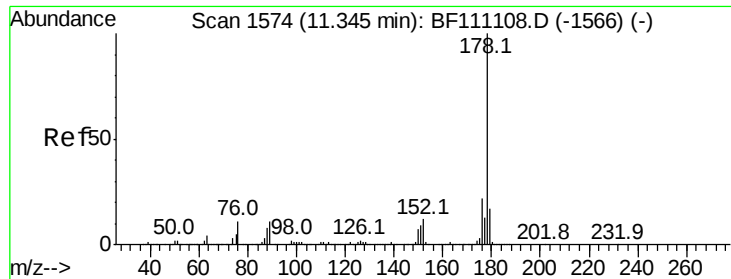
mohammad
12/6/2018 12:12:01 PM



#70
Pentachlorophenol
Concen: 74.846 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	52.2	78.4
264	62.9	50.8	76.2





#71

Phenanthrene

Concen: 48.489 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:178 Resp: 2572796

Ion Ratio Lower Upper

178 100

176 21.5 17.7 26.5

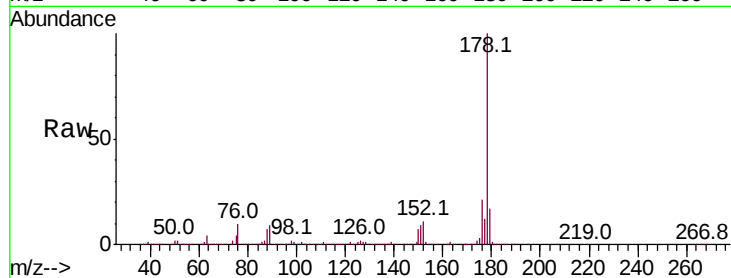
179 16.6 14.0 21.0

Manual Integrations

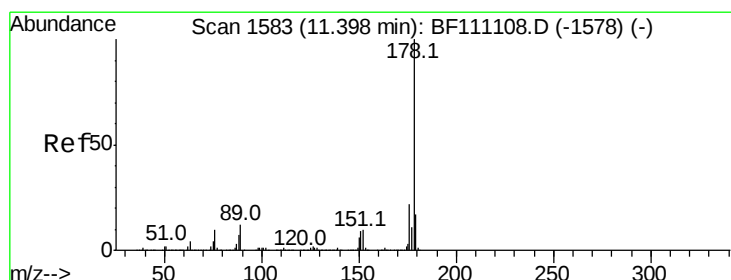
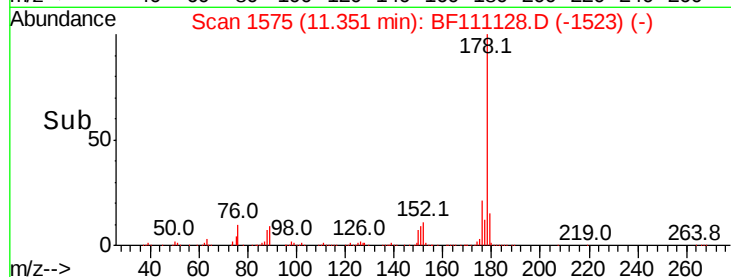
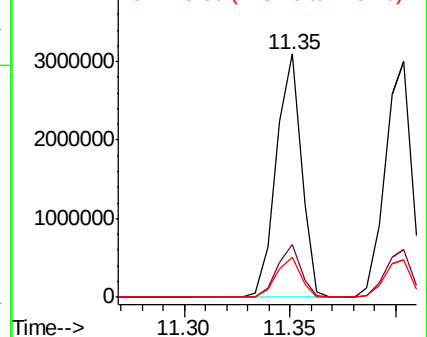
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mohammad

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.255 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

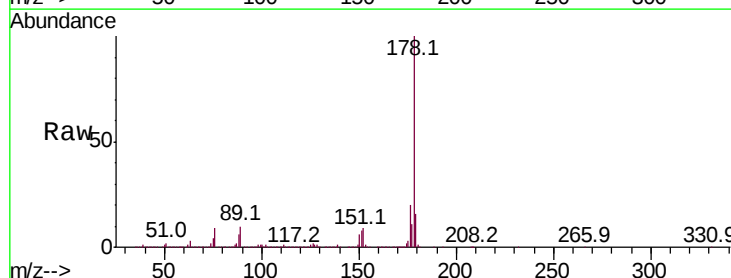
Tgt Ion:178 Resp: 2634391

Ion Ratio Lower Upper

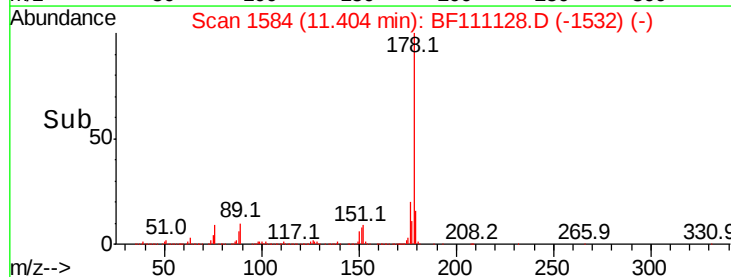
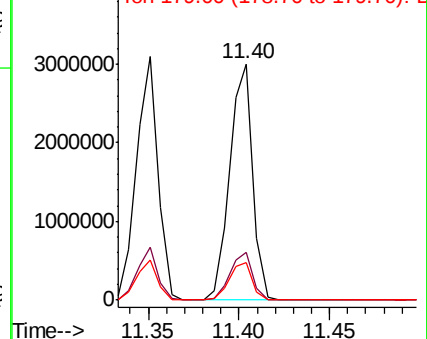
178 100

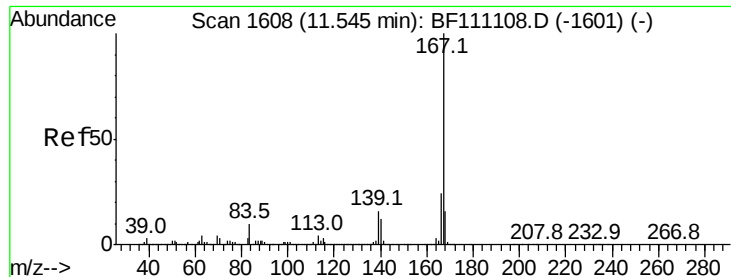
176 20.0 17.3 25.9

179 16.1 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





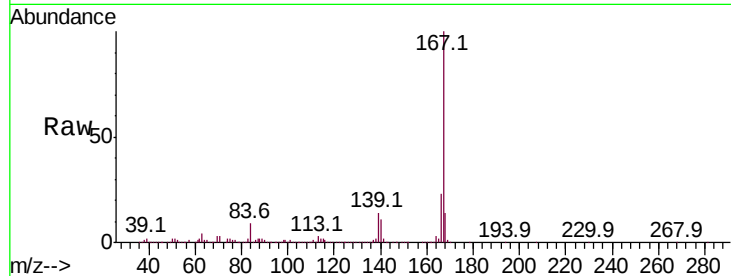
#73
 Carbazole
 Concen: 45.252 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.0
139	14.4	12.6	18.8

Manual Integrations
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mohammad
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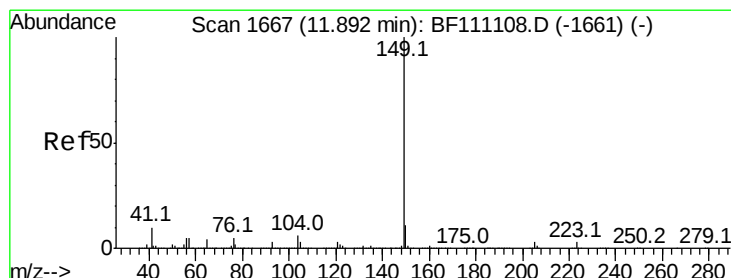
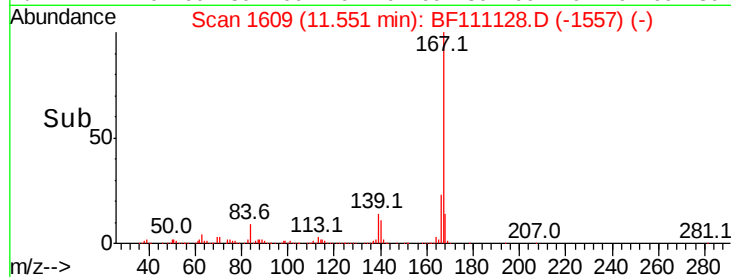
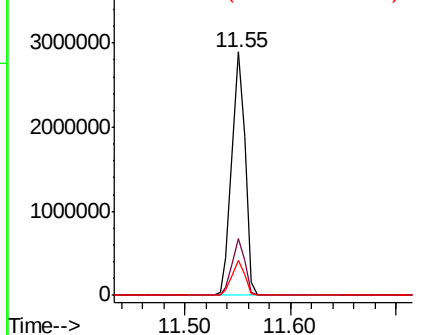


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.643 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111128.D
 Acq: 6 Dec 2018 00:55

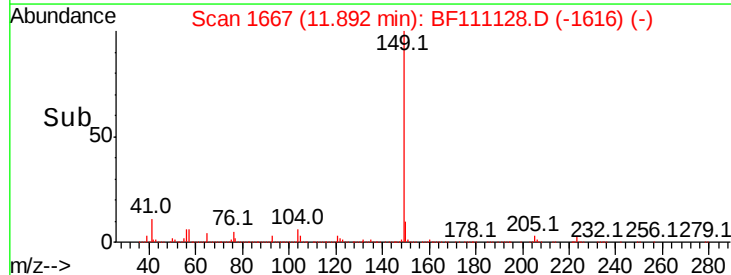
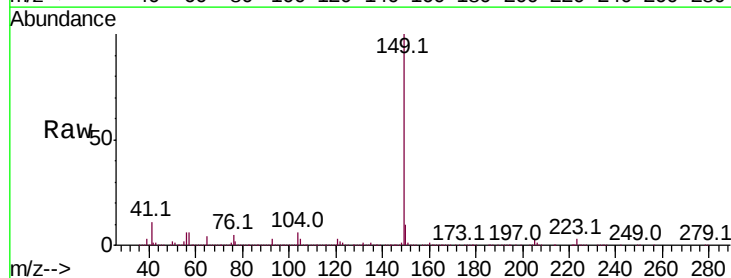
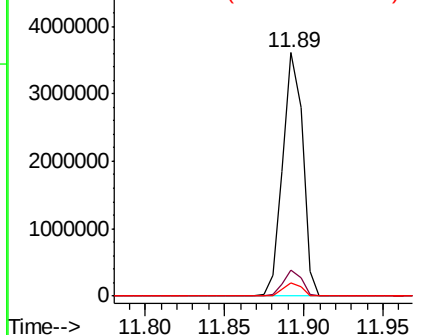
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.6	12.8
104	5.6	4.5	6.7

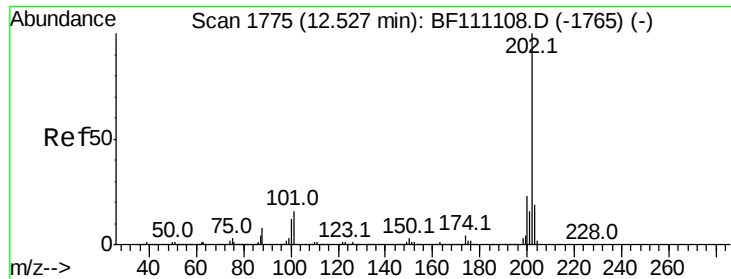
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.187 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

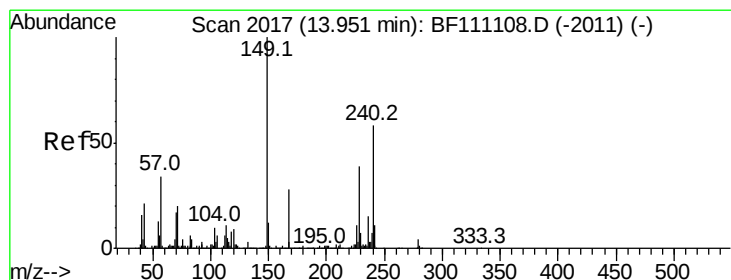
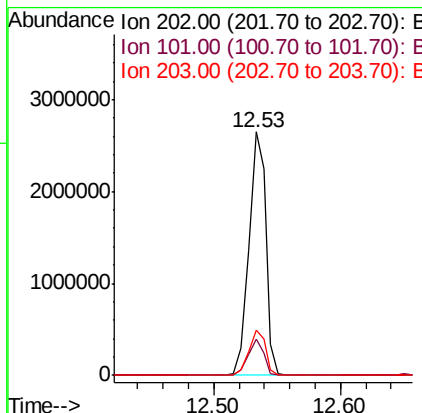
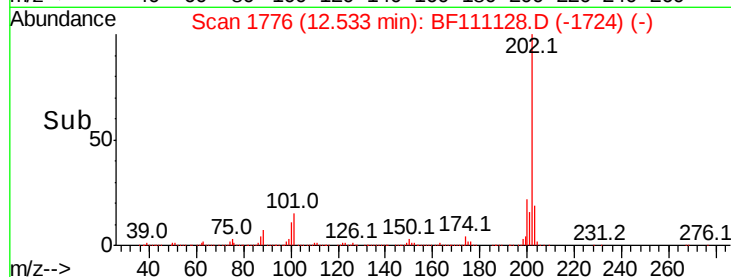
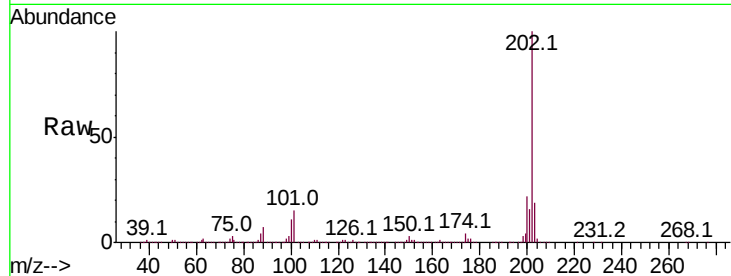
ClientSampleId :

TEST-PITMSD

Tot Ion:	202	Resp:	2449967
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	35.8
203	18.7	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

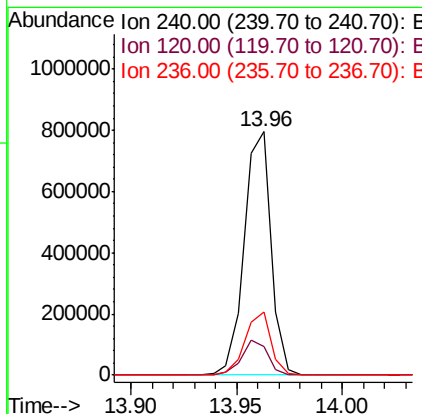
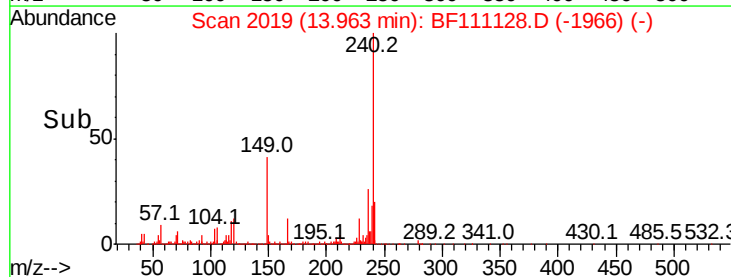
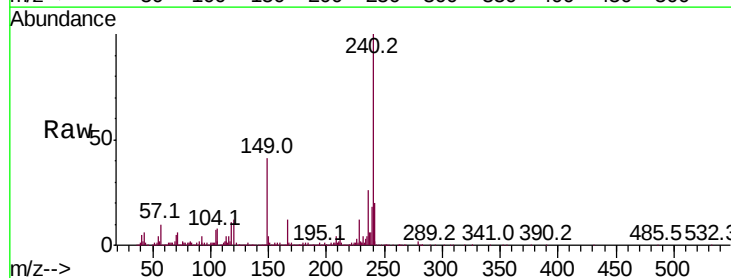
RT: 13.96 min Scan# 2019

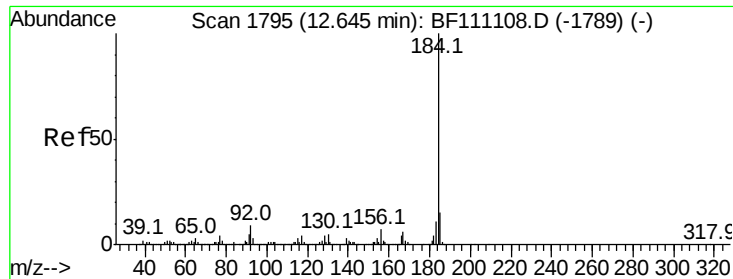
Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Tgt Ion:	240	Resp:	700522
Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.8	19.2#
236	26.0	21.1	31.7





#77

Benzidine

Concen: Below Cal

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:184 Resp: 1209089

Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

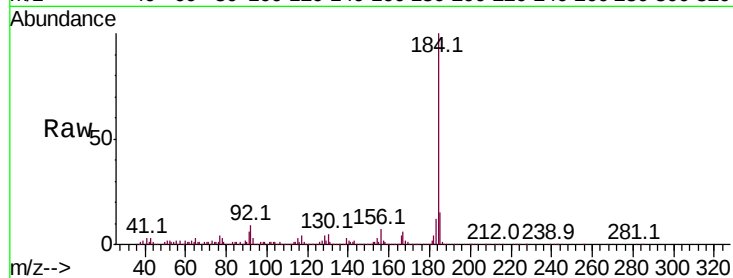
183 12.2 8.9 13.3

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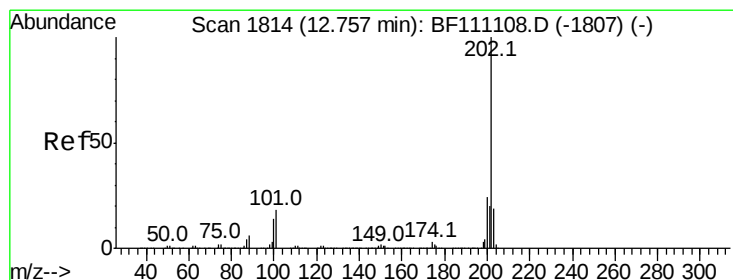
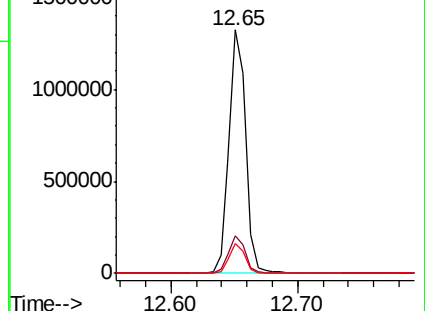
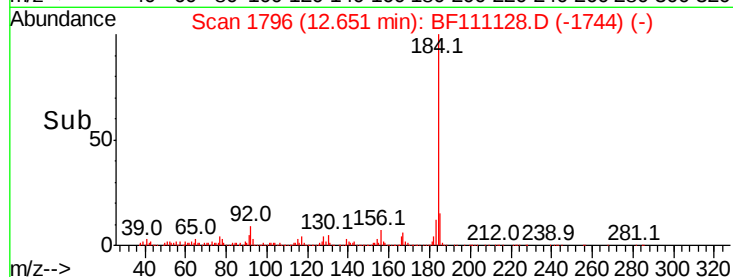
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.682 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

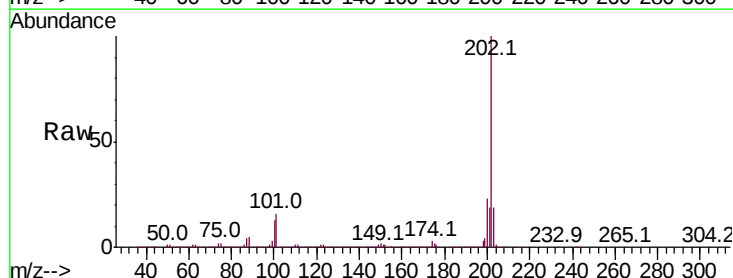
Tgt Ion:202 Resp: 2493137

Ion Ratio Lower Upper

202 100

200 22.8 19.3 28.9

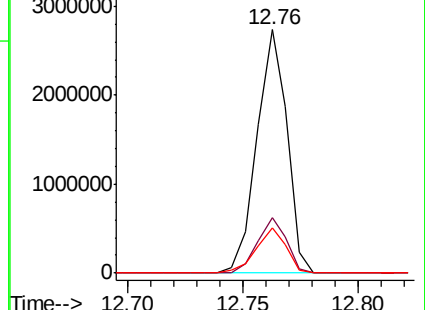
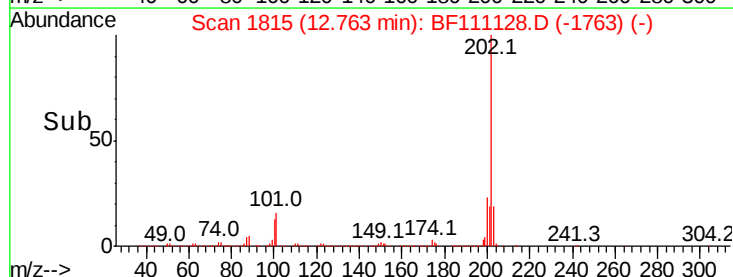
203 18.7 15.4 23.2

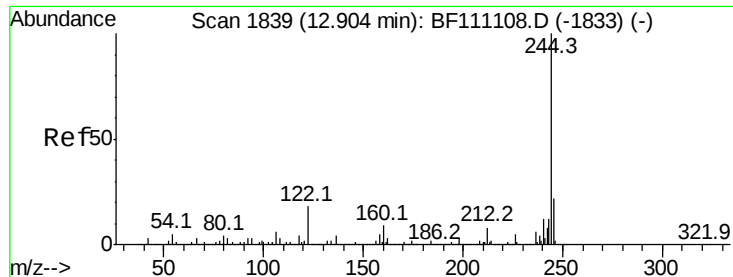


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.450 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:244 Resp: 2922837

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

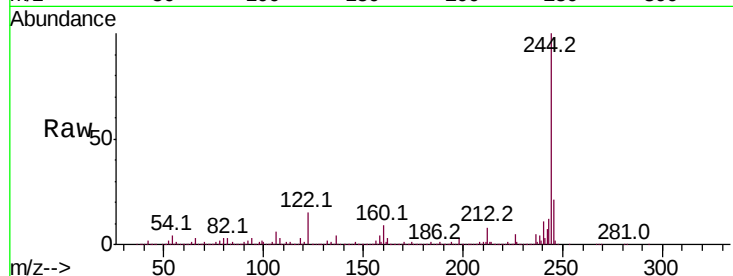
122 15.3 14.2 21.2

Manual Integrations

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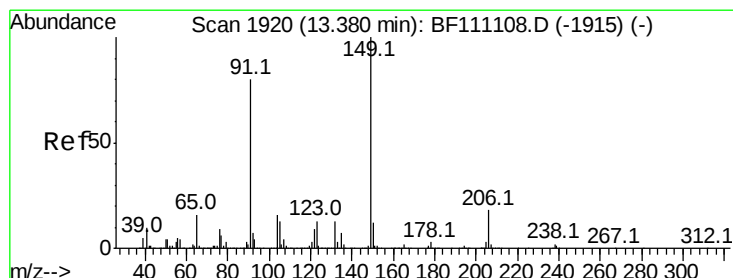
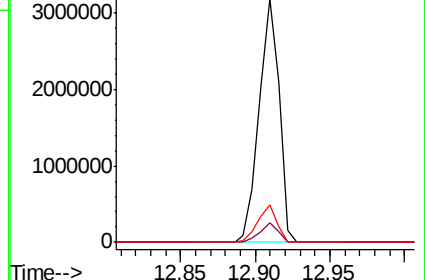
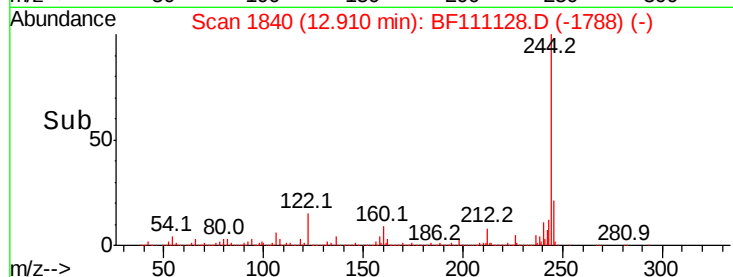
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.949 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

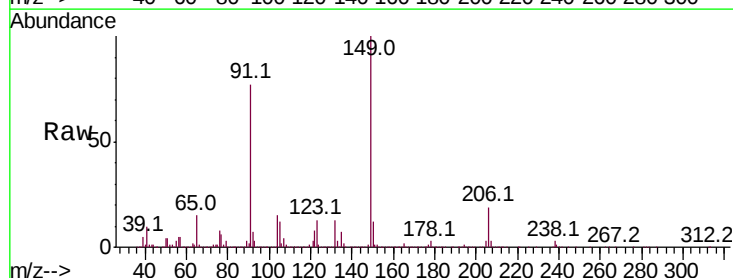
Tgt Ion:149 Resp: 1290515

Ion Ratio Lower Upper

149 100

91 76.9 64.0 96.0

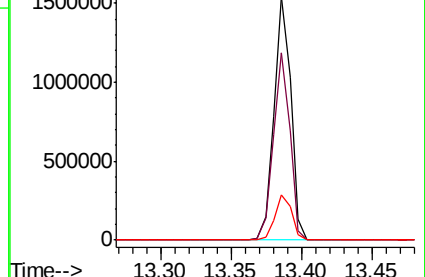
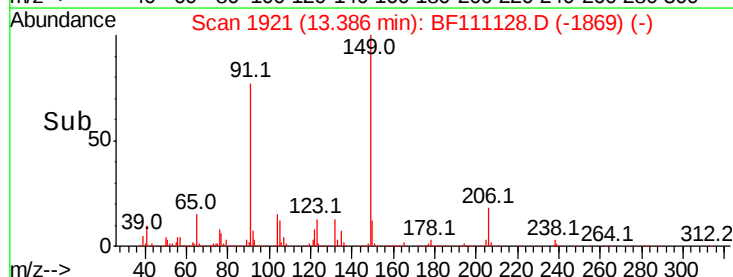
206 18.5 14.1 21.1

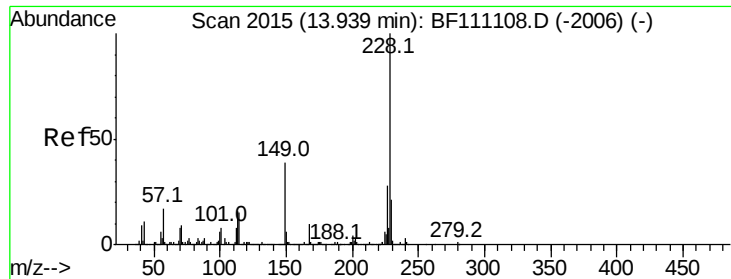


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





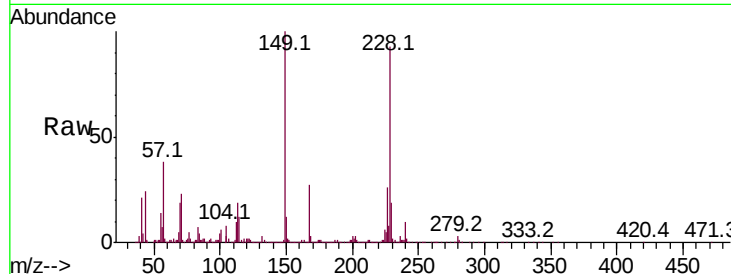
#81
Benzo(a)anthracene
Concen: 45.710 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.2	16.7	25.1

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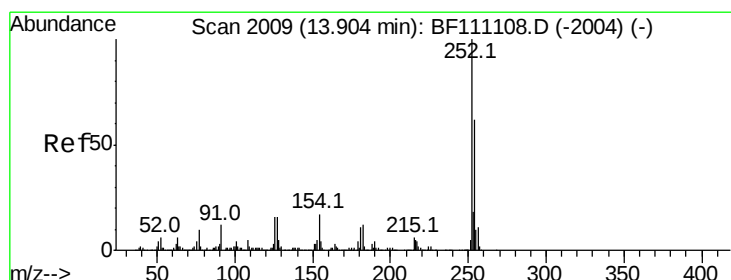
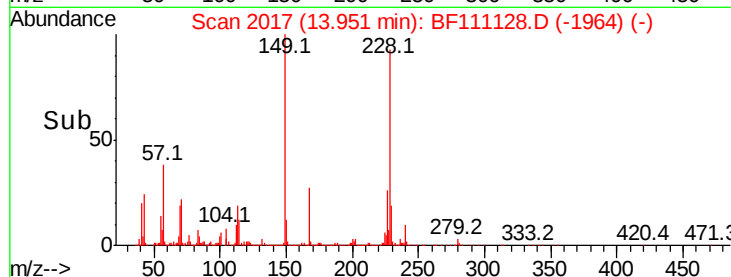
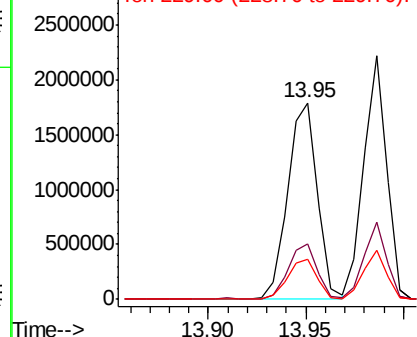


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 43.122 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

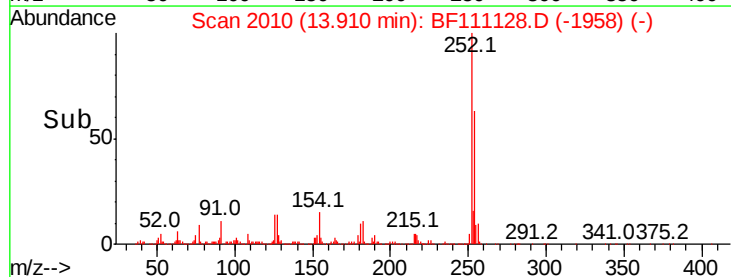
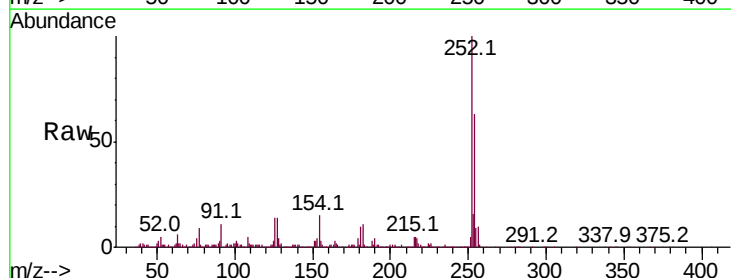
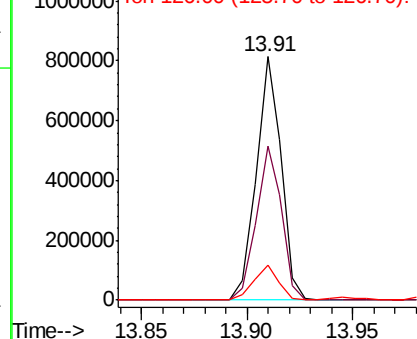
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	49.8	74.8
126	14.4	12.9	19.3

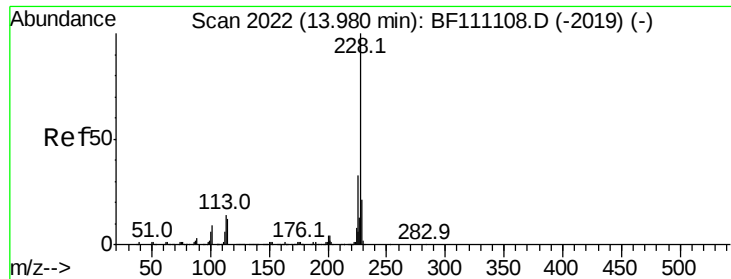
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





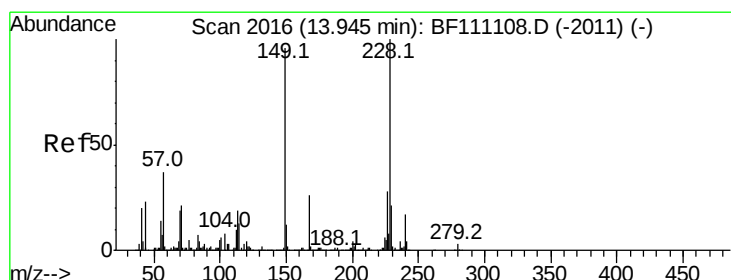
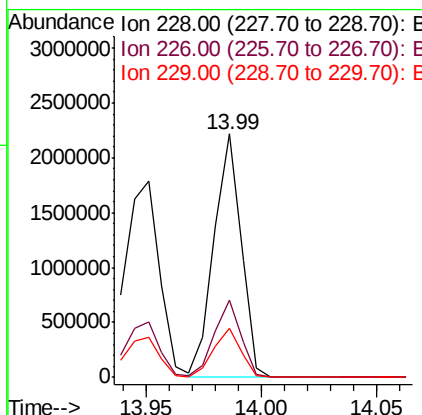
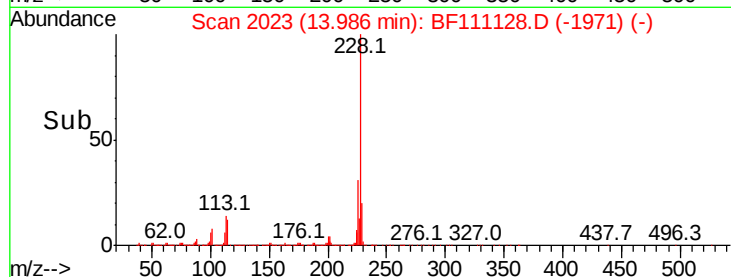
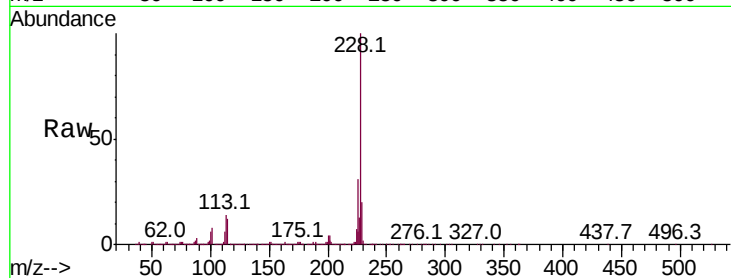
#83
Chrysene
Concen: 44.373 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion:228 Resp: 1807989
Ion Ratio Lower Upper
228 100
226 31.5 26.2 39.2
229 20.3 16.9 25.3

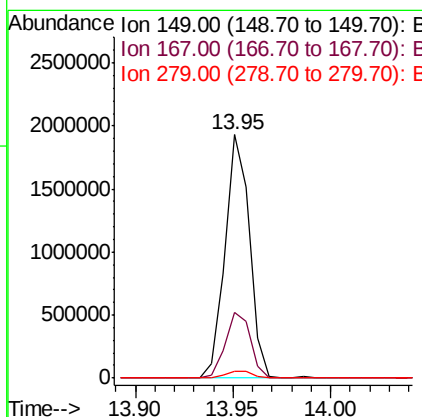
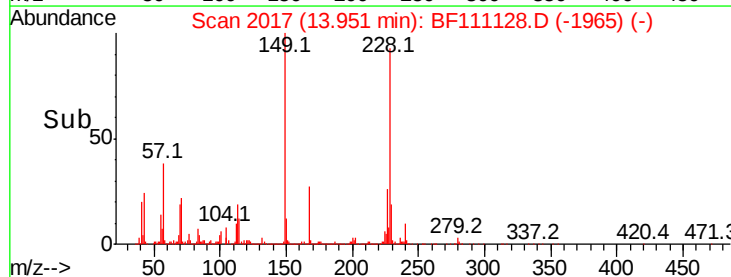
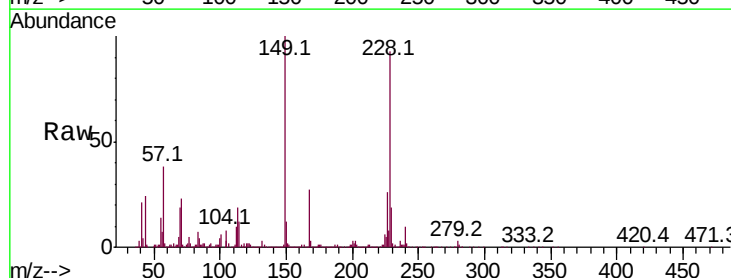
Manual Integrations
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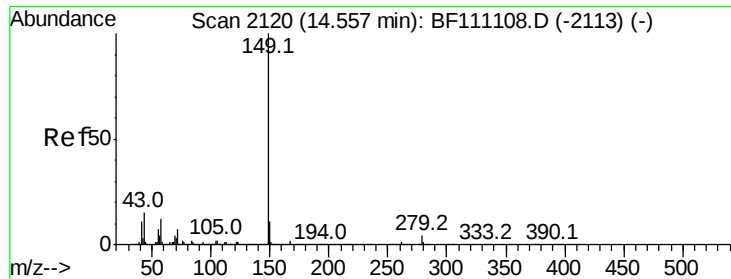
mohammad
12/6/2018 12:12:01 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.660 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Tgt Ion:149 Resp: 1676971
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 2.9 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 55.485 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:149 Resp: 2777726

Ion Ratio Lower Upper

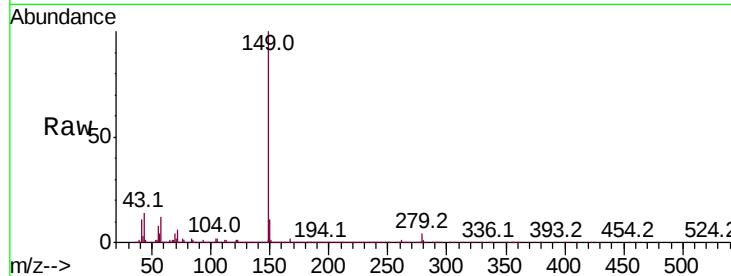
149 100

167 1.6 1.3 1.9

43 14.0 11.9 17.9

Manual Integrations
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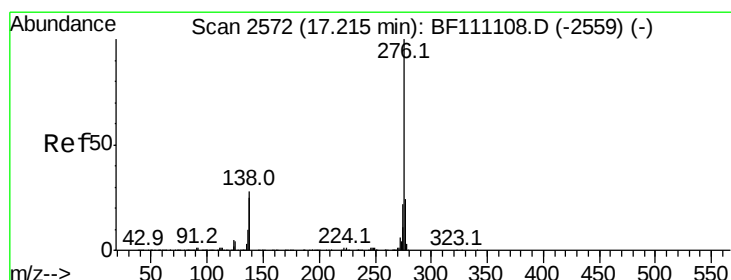
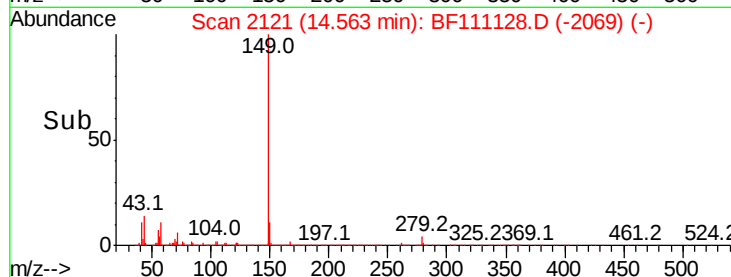
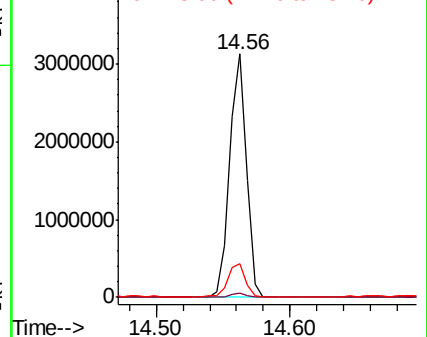


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.515 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.02 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

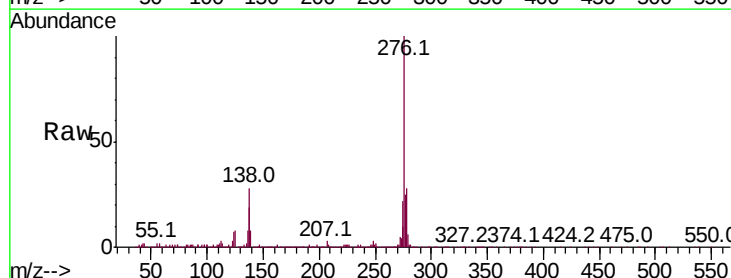
Tgt Ion:276 Resp: 1358146

Ion Ratio Lower Upper

276 100

138 32.9 20.2 30.4#

277 24.7 15.8 23.6#

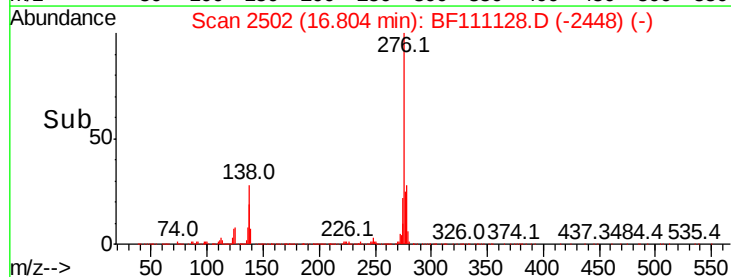
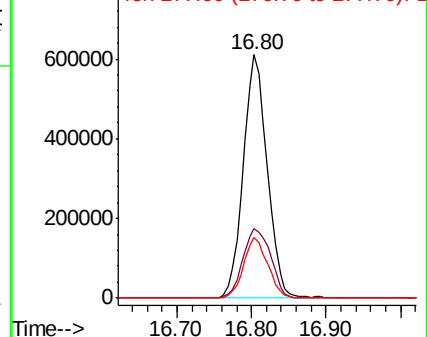


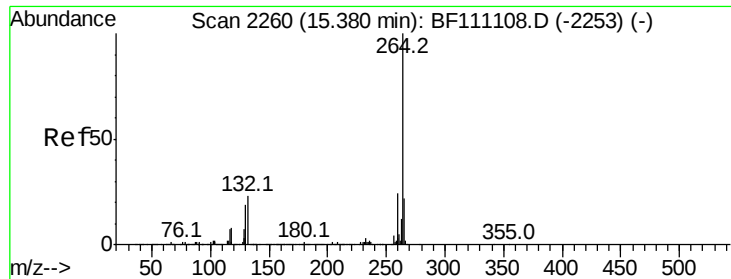
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

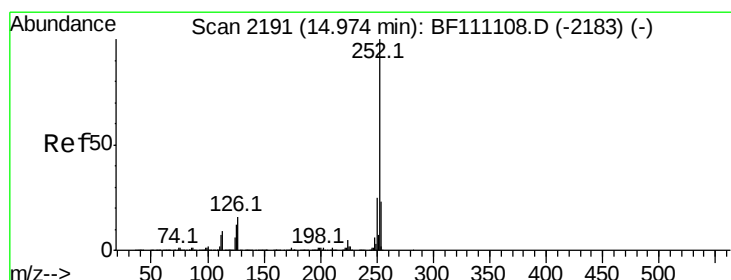
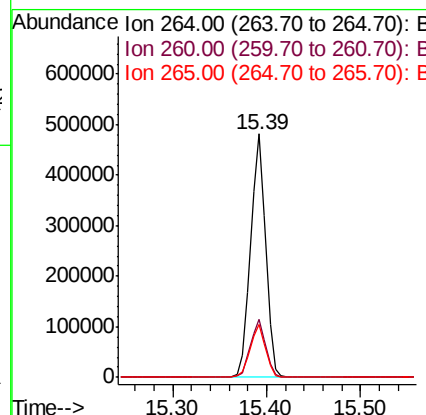
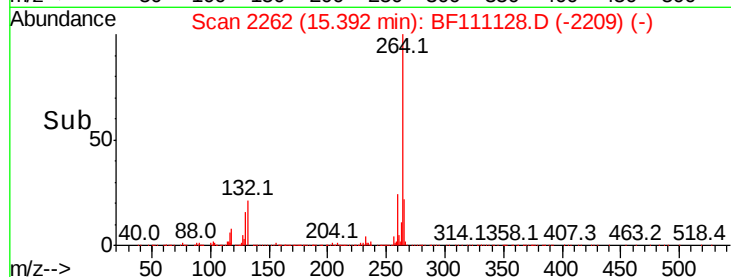
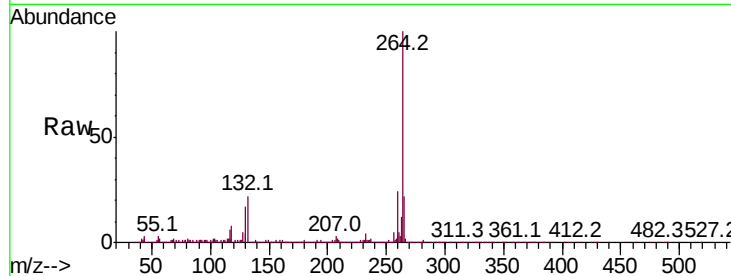
ClientSampleId :

TEST-PITMSD

Tot Ion:	264	Resp:	539704
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.0
265	21.8	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.032 ng

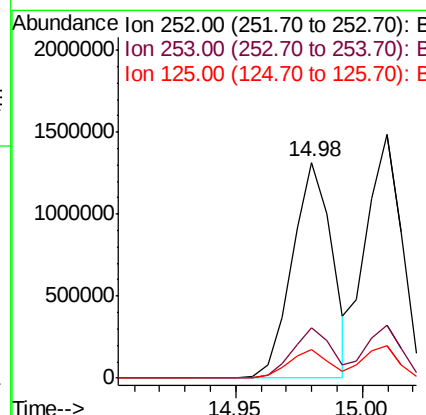
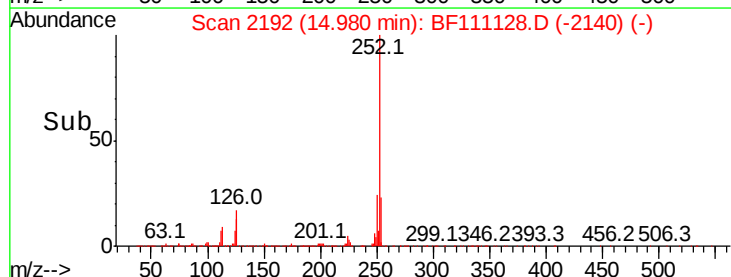
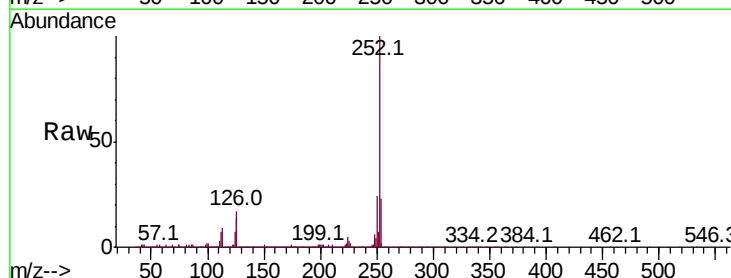
RT: 14.98 min Scan# 2192

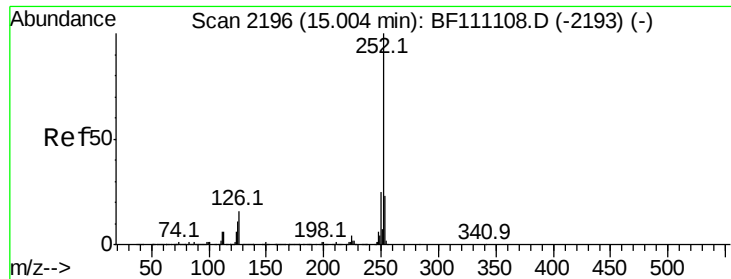
Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Tgt Ion:	252	Resp:	1438326
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.5	27.7
125	13.5	9.9	14.9





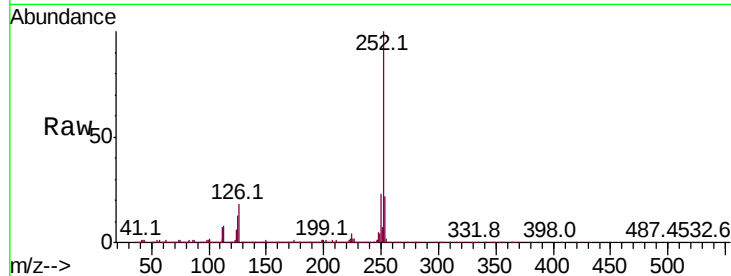
#89
Benzo(k)fluoranthene
Concen: 49.461 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	13.2	9.9	14.9

Manual Integrations
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12/6/2018 12:12:01 PM

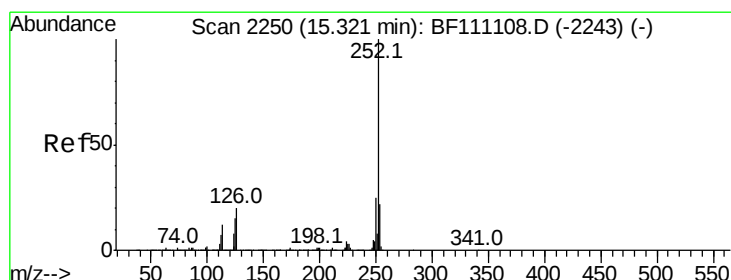
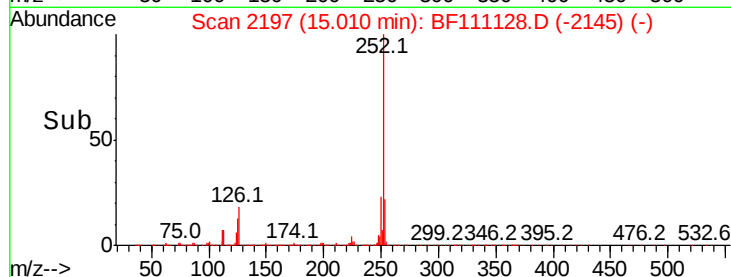
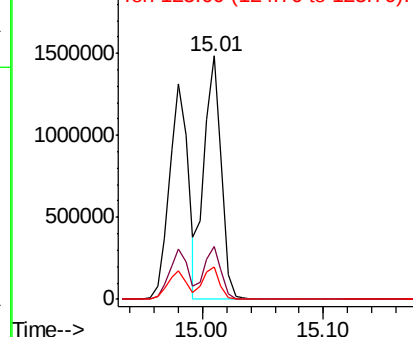


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 47.639 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111128.D
Acq: 6 Dec 2018 00:55

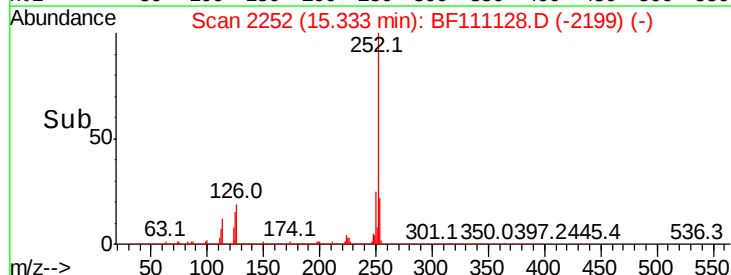
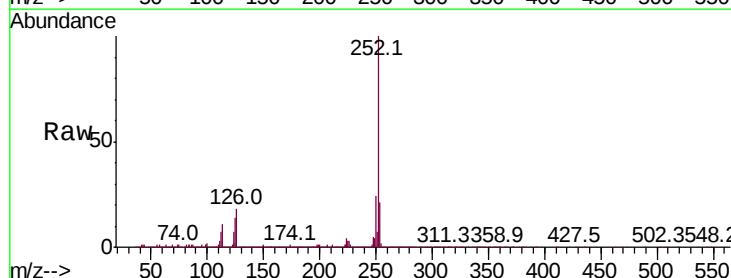
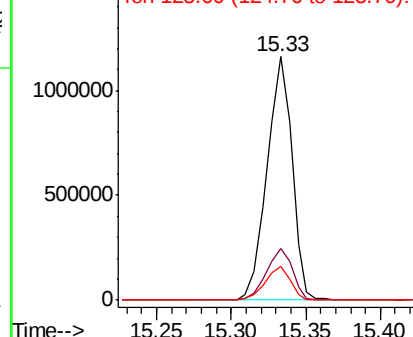
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.8	12.4	18.6

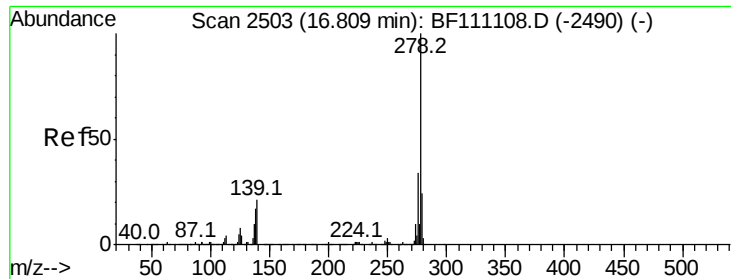
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.256 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

Instrument :

BNA_F

ClientSampleId :

TEST-PITMSD

Tot Ion:278 Resp: 1135942

Ion Ratio Lower Upper

278 100

139 20.7 16.6 25.0

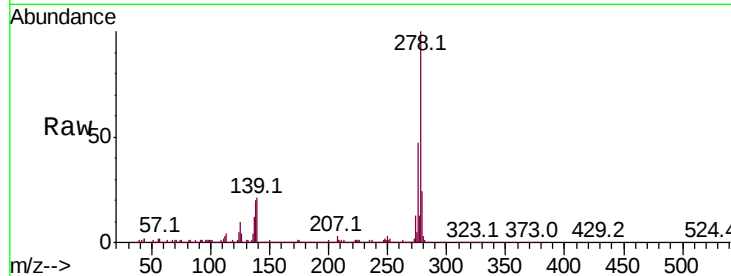
279 24.4 18.8 28.2

Manual Integrations

APPROVED

mohammad

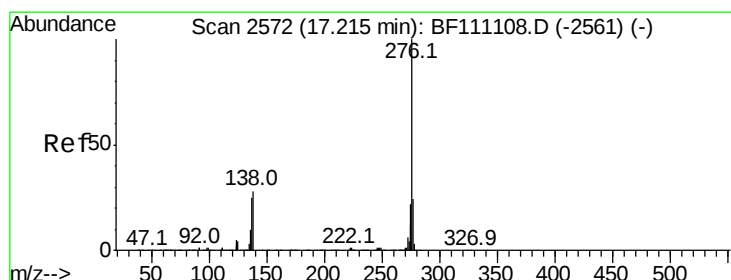
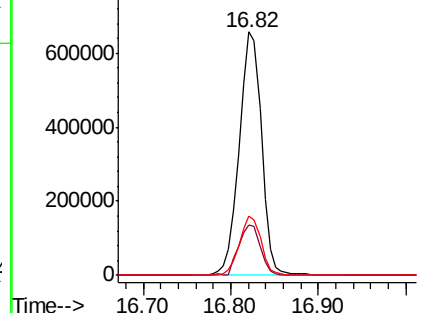
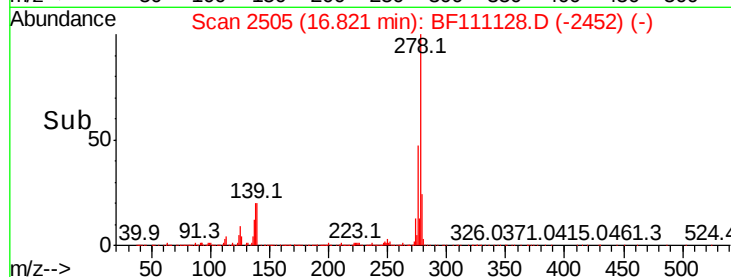
12/6/2018 12:12:01 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.483 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.02 min

Lab File: BF111128.D

Acq: 6 Dec 2018 00:55

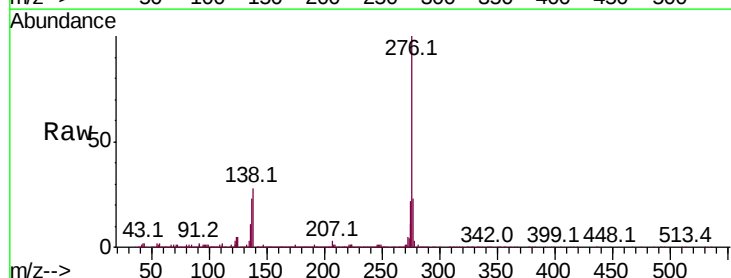
Tgt Ion:276 Resp: 1123230

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 28.0 22.3 33.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

