

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111250.D
 Acq On : 10 Dec 2018 18:57
 Operator : JU/SJ
 Sample : PB115431BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 2:23:34 PM

Quant Time: Dec 11 05:41:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	504542	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2076376	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	972228	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1637976	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1020077	20.00	ng	0.00
87) Perylene-d12	15.39	264	765166	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3773525	118.10	ng	0.02
7) Phenol-d6	6.44	99	4783867	120.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	2550375	68.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1015566	117.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4148297	70.35	ng	0.00
79) Terphenyl-d14	12.91	244	3631709	85.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	602849	36.772	ng	98
3) Pyridine	3.36	79	1661810	38.156	ng	97
4) n-Nitrosodimethylamine	3.29	42	802478	43.215	ng	96
6) Aniline	6.46	93	1788307	33.778	ng	98
8) 2-Chlorophenol	6.59	128	1535446	42.277	ng	97
9) Benzaldehyde	6.35	77	600095	23.047	ng	98
10) Phenol	6.45	94	1906659	41.065	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	1476832	41.127	ng	99
12) 1,3-Dichlorobenzene	6.74	146	1569422	40.217	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1588075	40.303	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1498733	40.780	ng	99
15) Benzyl Alcohol	6.94	79	1327957	42.260	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2854573	42.460	ng	99
17) 2-Methylphenol	7.06	107	1307942	44.110	ng	99
18) Hexachloroethane	7.32	117	614989	40.993	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	1094491	41.146	ng	96
20) 3+4-Methylphenols	7.20	107	1501916	42.585	ng	96
22) Acetophenone	7.21	105	2017423	42.464	ng	# 96
24) Nitrobenzene	7.38	77	1654747	42.948	ng	95
25) Isophorone	7.62	82	3060906	48.546	ng	99
26) 2-Nitrophenol	7.70	139	839859	43.873	ng	96
27) 2,4-Dimethylphenol	7.74	122	1456123	49.225	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1948563	44.628	ng	100
29) 2,4-Dichlorophenol	7.94	162	1313664	43.431	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	1268589	42.579	ng	100
31) Naphthalene	8.10	128	4280439	47.234	ng	99
32) Benzoic acid	7.86	122	1114803	45.574	ng	97
33) 4-Chloroaniline	8.15	127	1208737	27.771	ng	97
34) Hexachlorobutadiene	8.23	225	665948	40.492	ng	98
35) Caprolactam	8.52	113	455129m	42.463	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1392545	44.966	ng	95
37) 2-Methylnaphthalene	8.80	142	2927232	48.653	ng	98
38) 1-Methylnaphthalene	8.90	142	2791811	47.383	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1042470	38.535	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1281689	83.192	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	859350	42.319	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	894288	42.276	ng	99
46) 1,1'-Biphenyl	9.26	154	3211069	40.849	ng	100
47) 2-Chloronaphthalene	9.29	162	2594665	40.787	ng	98
48) 2-Nitroaniline	9.37	65	923696	42.565	ng	98
49) Acenaphthylene	9.70	152	3989317	43.197	ng	99
50) Dimethylphthalate	9.56	163	2953751	41.175	ng	99
51) 2,6-Dinitrotoluene	9.62	165	700353	44.208	ng	95
52) Acenaphthene	9.87	154	2686344	46.353	ng	100
53) 3-Nitroaniline	9.79	138	569412	29.119	ng	97
54) 2,4-Dinitrophenol	9.89	184	583232	93.163	ng	94
55) Dibenzofuran	10.05	168	3473160	44.051	ng	98
56) 4-Nitrophenol	9.95	139	1256664	82.515	ng	98
57) 2,4-Dinitrotoluene	10.02	165	916269	46.916	ng	91
58) Fluorene	10.39	166	2568291	42.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	728261	45.419	ng	99
60) Diethylphthalate	10.27	149	2868881	41.948	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	1161505	38.342	ng	97
62) 4-Nitroaniline	10.40	138	771776	41.713	ng	98
63) Azobenzene	10.54	77	2974765	41.895	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	393226	40.705	ng	81
66) n-Nitrosodiphenylamine	10.50	169	2414066	43.296	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	746068	41.586	ng	95
68) Hexachlorobenzene	10.94	284	764902	41.912	ng	99
69) Atrazine	11.03	200	733380	43.253	ng	99
70) Pentachlorophenol	11.13	266	913044	68.964	ng	96
71) Phenanthrene	11.34	178	3594814	43.511	ng	100
72) Anthracene	11.40	178	3671026	42.471	ng	100
73) Carbazole	11.55	167	3463441	38.321	ng	99
74) Di-n-butylphthalate	11.89	149	4038556	43.473	ng	100
75) Fluoranthene	12.53	202	3567744	47.273	ng	97
77) Benzidine	12.65	184	1515872	50.048	ng	98
78) Pyrene	12.76	202	3548934	48.685	ng	99
80) Butylbenzylphthalate	13.39	149	1762099	46.280	ng	93
81) Benzo(a)anthracene	13.94	228	2635466	46.310	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	807363	34.613	ng	99
83) Chrysene	13.99	228	2675740	45.607	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2000900	44.226	ng	100
85) Di-n-octyl phthalate	14.56	149	3366175	44.390	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2138686	45.159	ng	98
88) Benzo(b)fluoranthene	14.98	252	2138337	50.533	ng	99
89) Benzo(k)fluoranthene	15.01	252	2101943	52.834	ng	99
90) Benzo(a)pyrene	15.33	252	2008609	51.546	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1732201	56.596	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1806995	58.978	ng	95

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

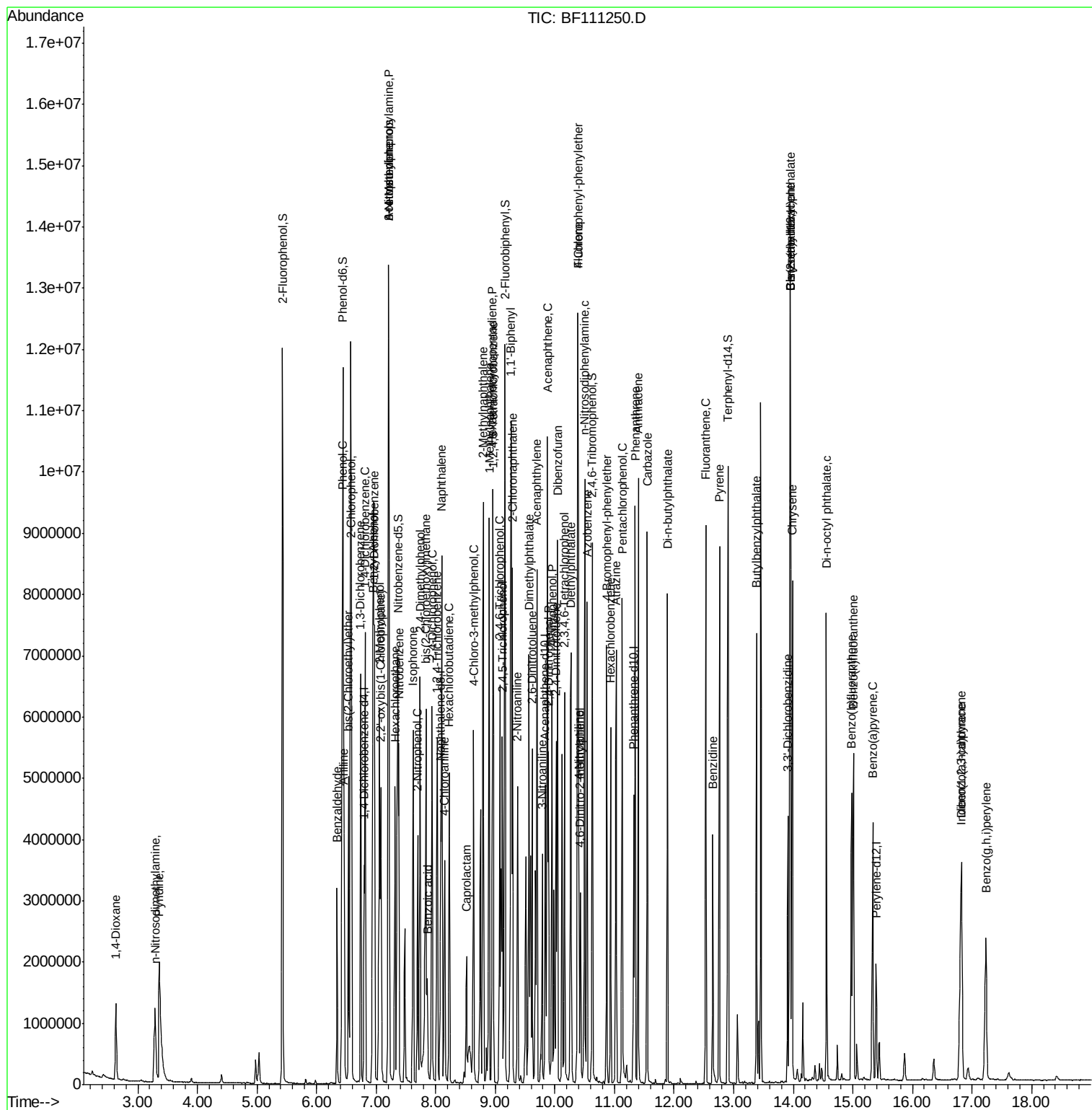
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
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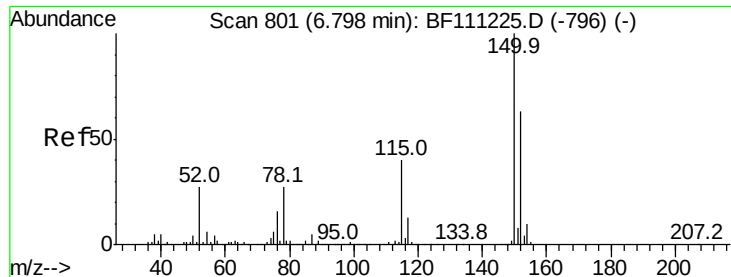
Instrument :
 BNA_F
 ClientSampled :
 PB115431BS

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#1

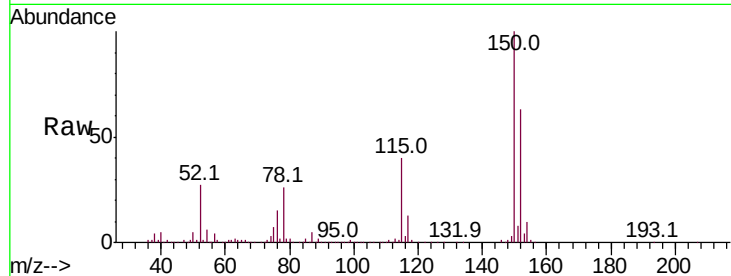
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	64.3	50.7	76.1

Manual Integrations
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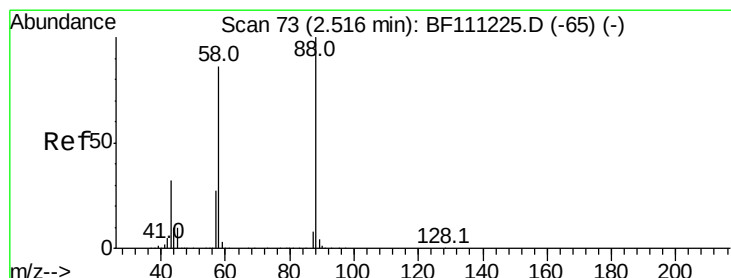
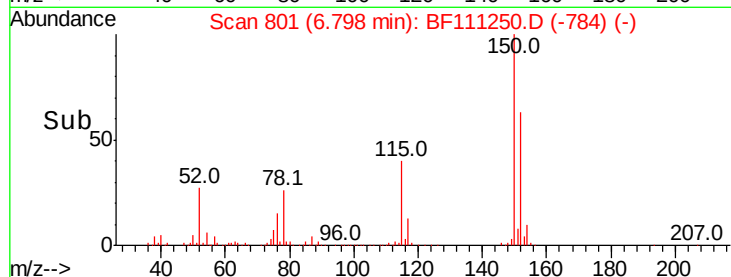
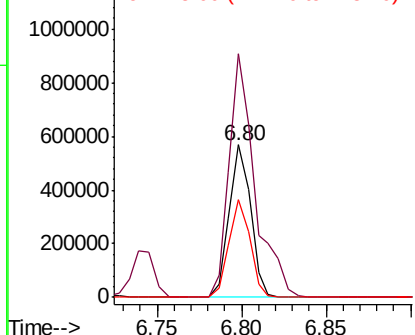


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

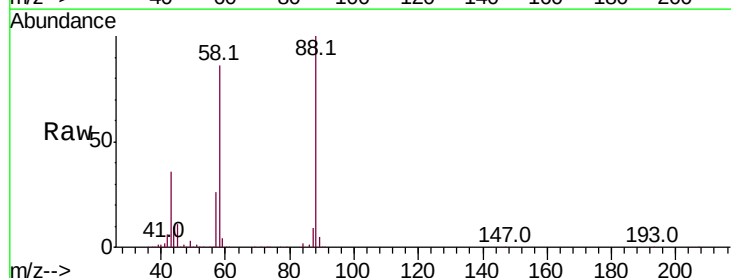
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.772 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.9	103.3
43	33.3	25.8	38.6

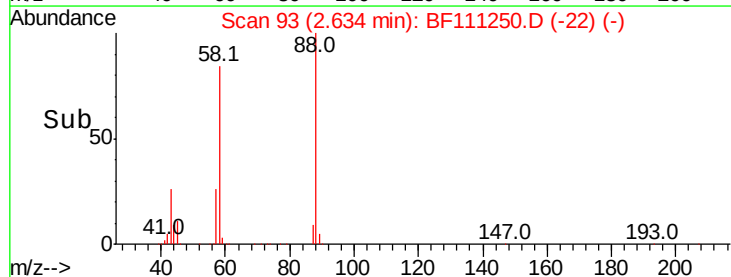
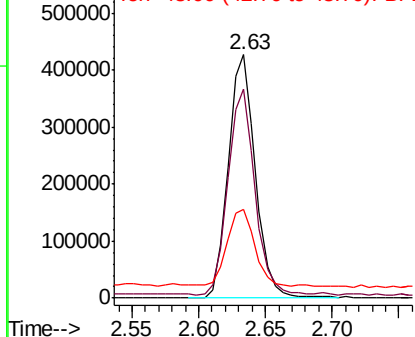


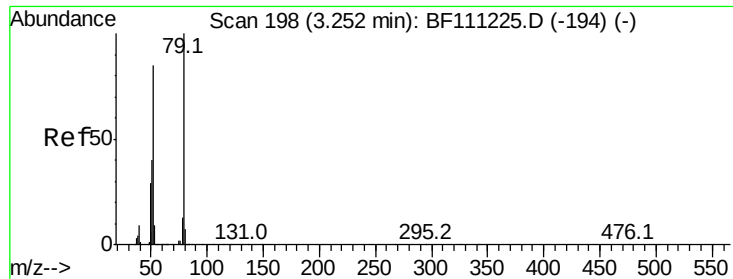
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





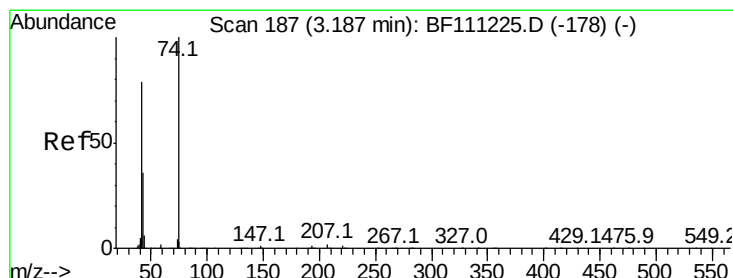
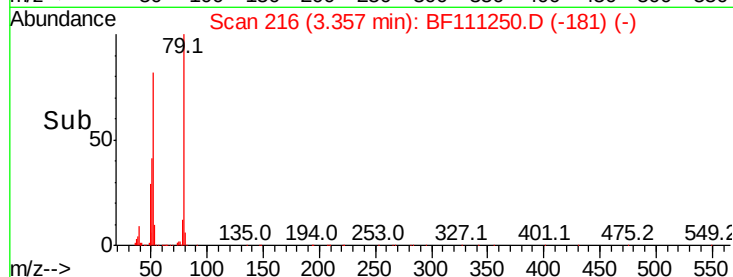
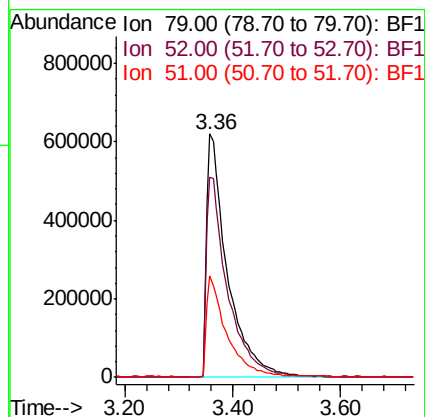
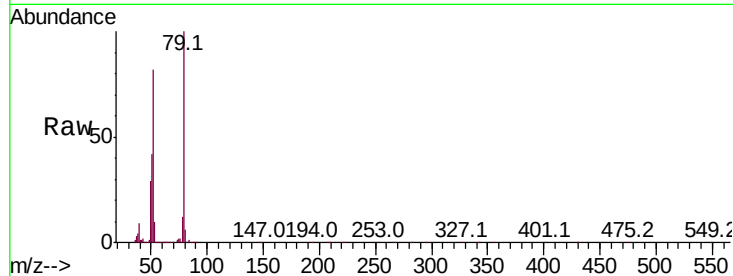
#3
 Pvridine
 Concen: 38.156 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.11 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion: 79 Resp: 1661810
 Ion Ratio Lower Upper
 79 100
 52 82.4 68.3 102.5
 51 41.7 32.6 49.0

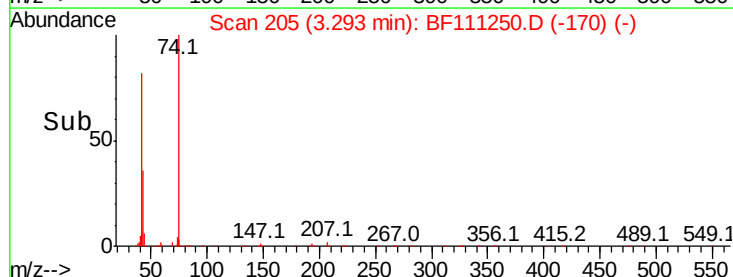
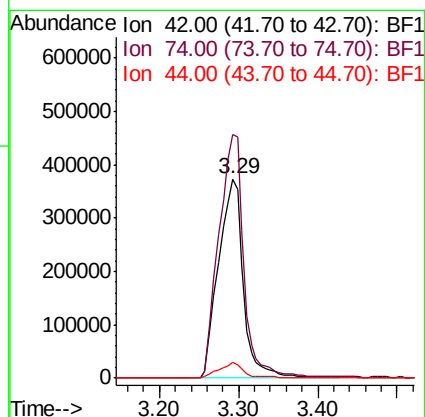
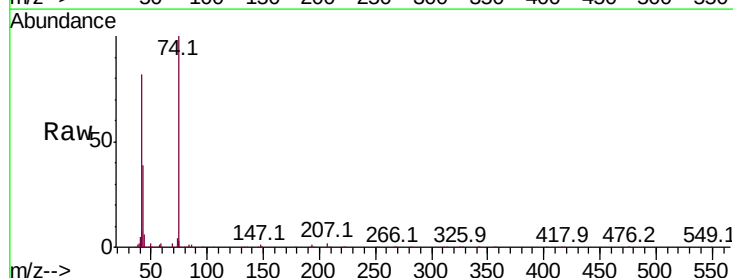
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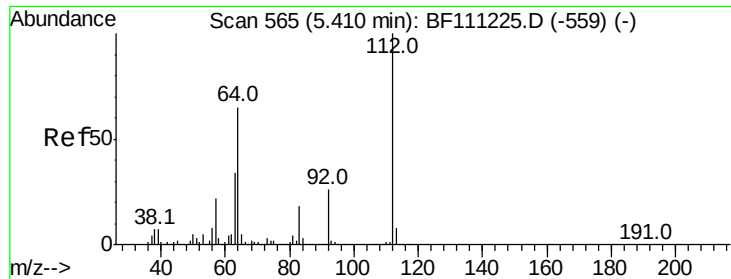
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#4
 n-Nitrosodimethylamine
 Concen: 43.215 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.11 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion: 42 Resp: 802478
 Ion Ratio Lower Upper
 42 100
 74 122.1 101.5 152.3
 44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 118.100 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:112 Resp: 3773525

Ion Ratio Lower Upper

112 100

64 65.4 51.8 77.6

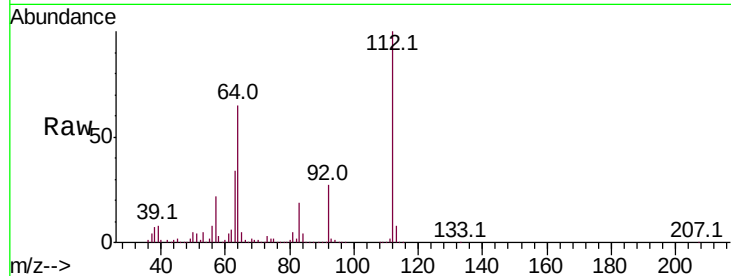
63 34.5 26.8 40.2

Manual Integrations

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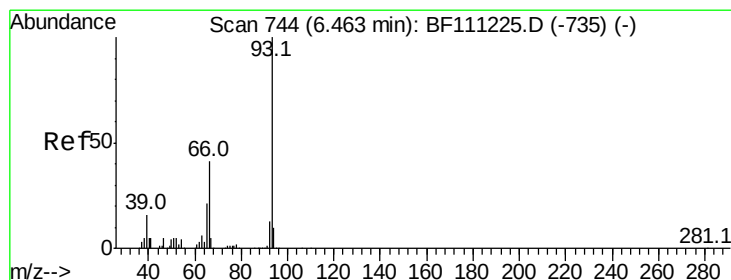
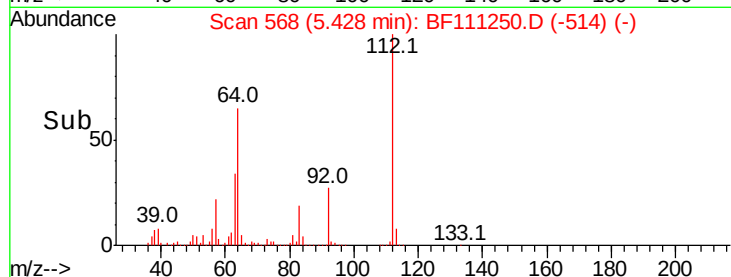
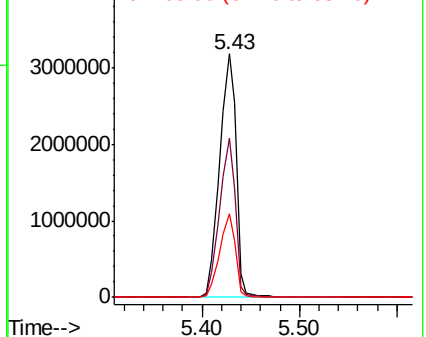
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.778 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

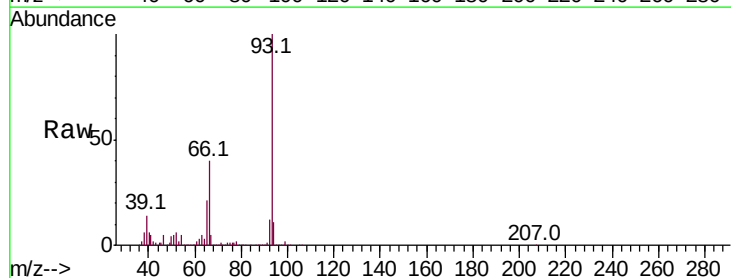
Tgt Ion: 93 Resp: 1788307

Ion Ratio Lower Upper

93 100

66 39.8 33.2 49.8

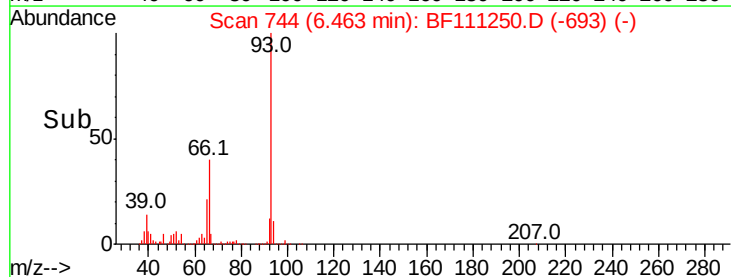
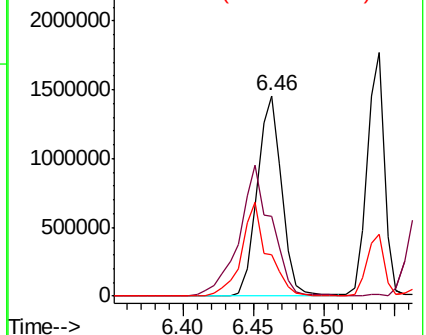
65 20.9 17.0 25.4

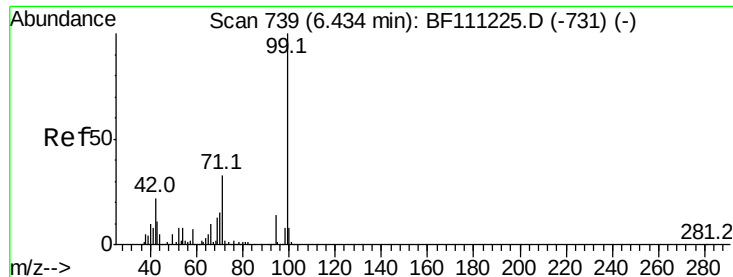


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.476 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion: 99 Resp: 4783867

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

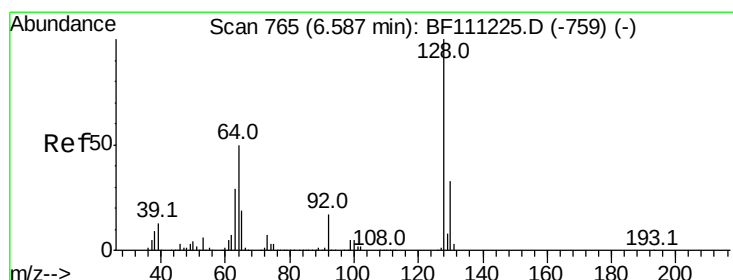
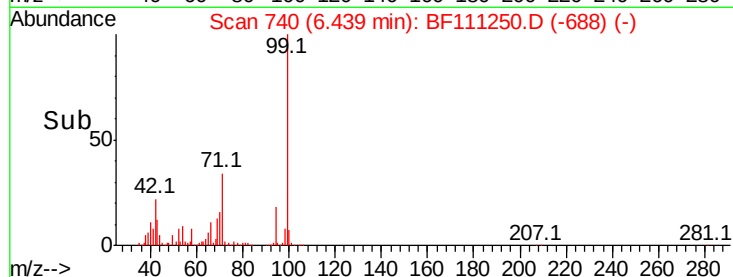
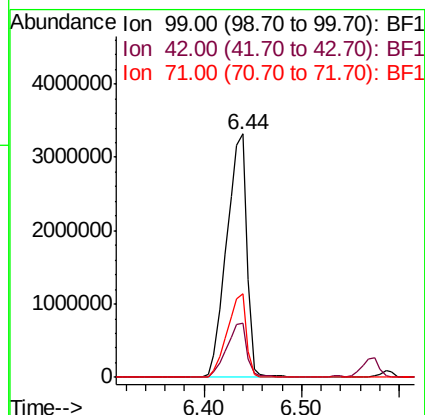
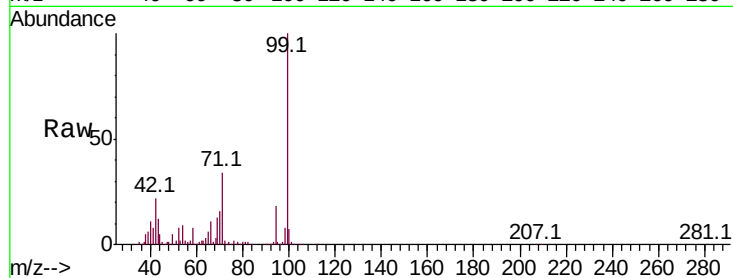
71 34.2 26.1 39.1

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#8

2-Chlorophenol

Concen: 42.277 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

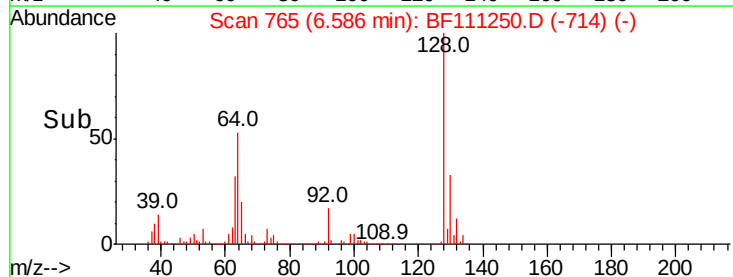
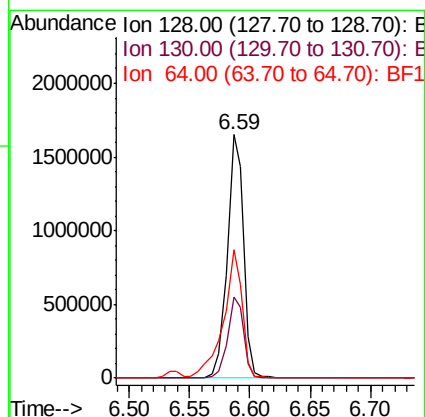
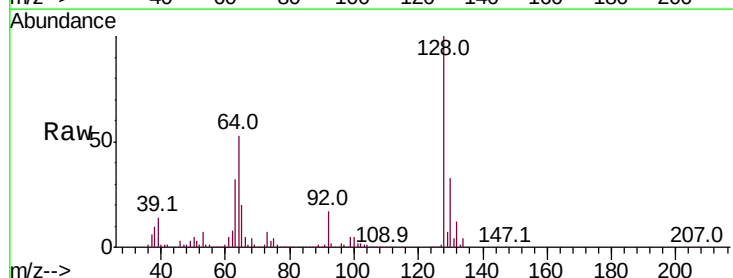
Tgt Ion:128 Resp: 1535446

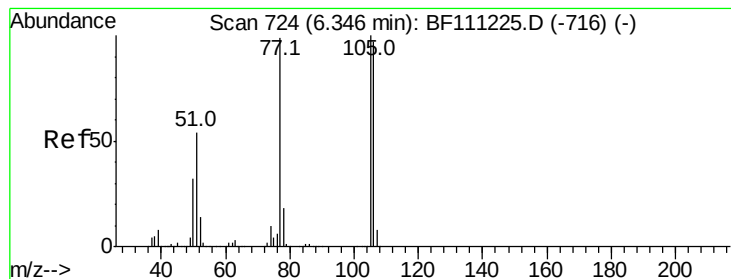
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 52.9 30.0 70.0





#9

Benzaldehyde

Concen: 23.047 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

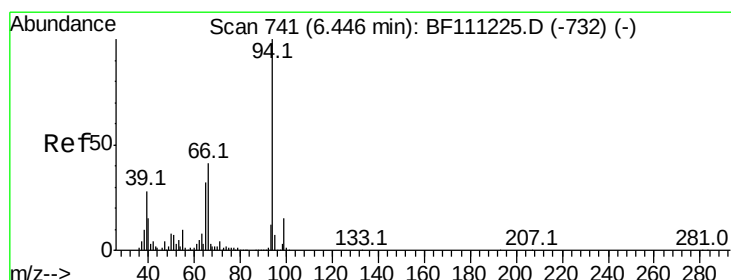
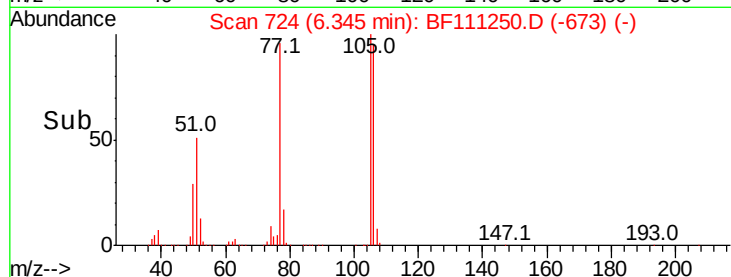
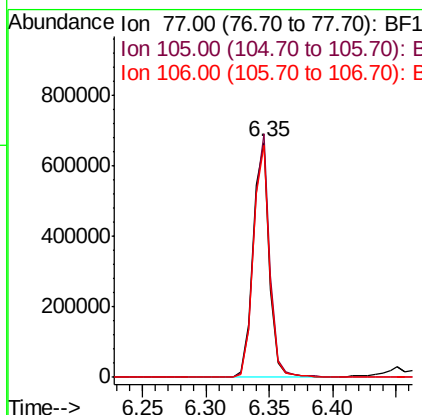
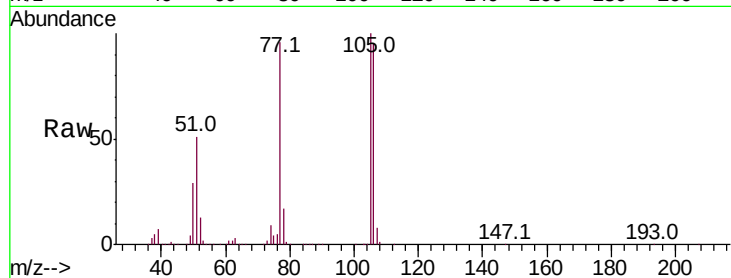
ClientSampleId :

PB115431BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.8	81.4	121.4
106	99.1	77.9	117.9

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#10

Phenol

Concen: 41.065 ng

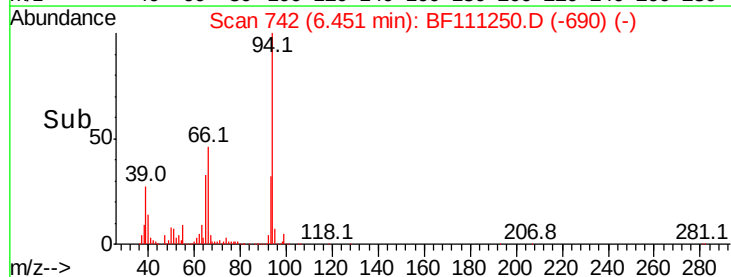
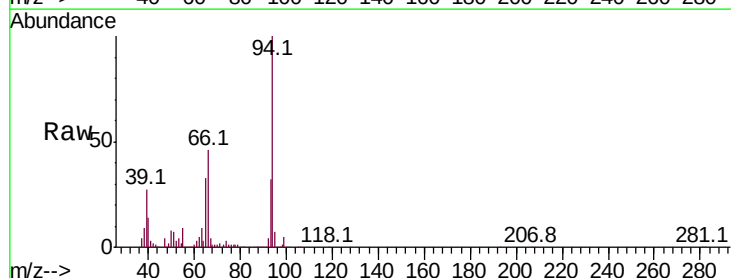
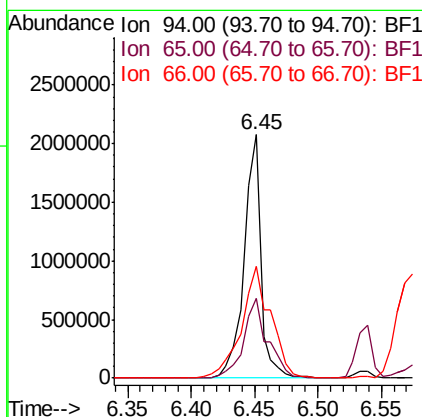
RT: 6.45 min Scan# 742

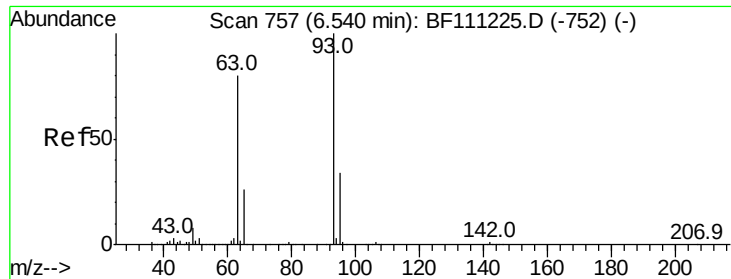
Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	45.7	21.0	61.0





#11
bis(2-Chloroethyl)ether
Concen: 41.127 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

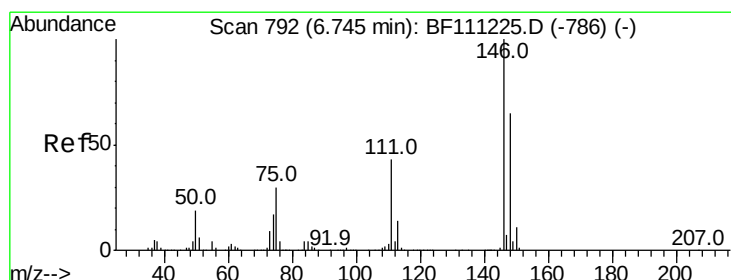
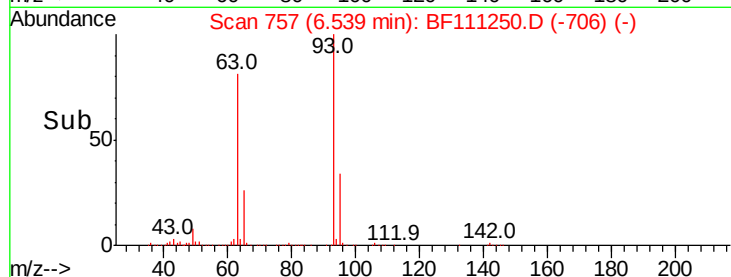
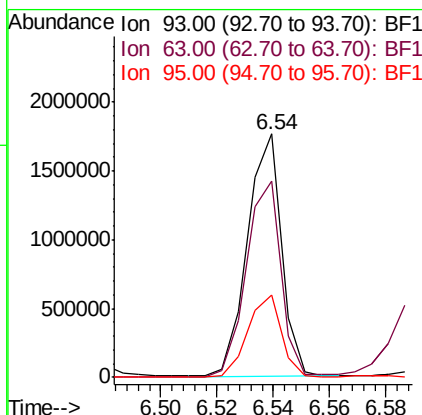
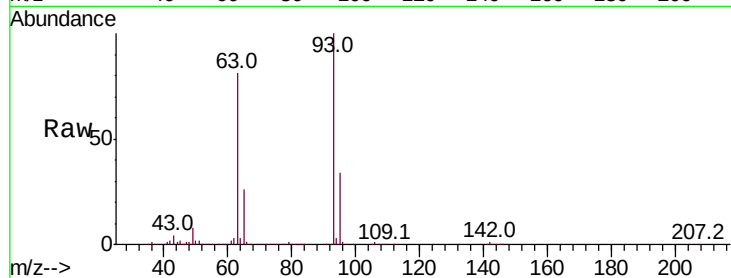
Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion: 93 Resp: 1476832

Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.0	100.0
95	33.9	13.4	53.4

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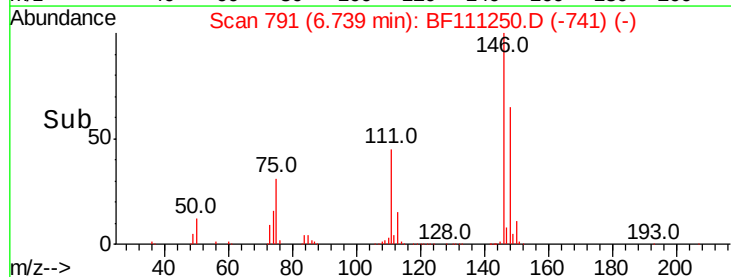
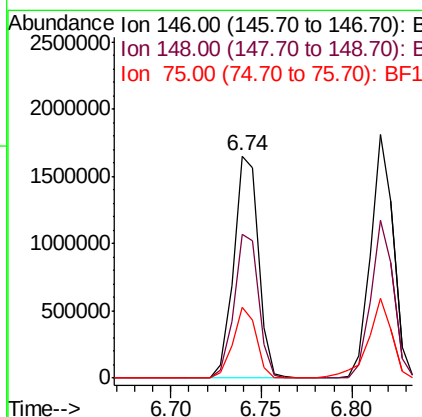
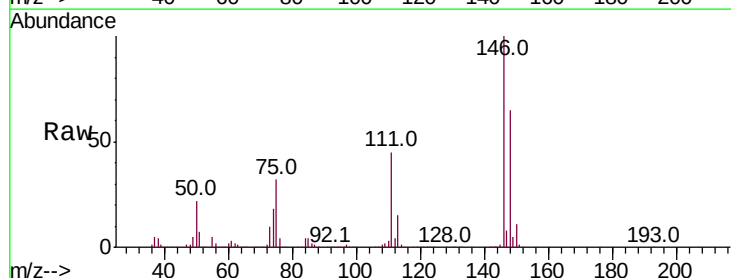
Sohil
12/11/2018 2:23:34 PM

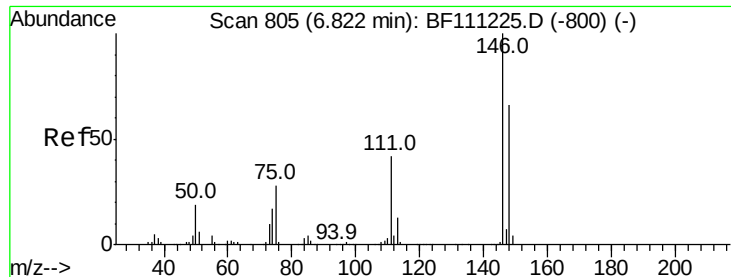


#12
1,3-Dichlorobenzene
Concen: 40.217 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 146 Resp: 1569422

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	31.9	23.9	35.9





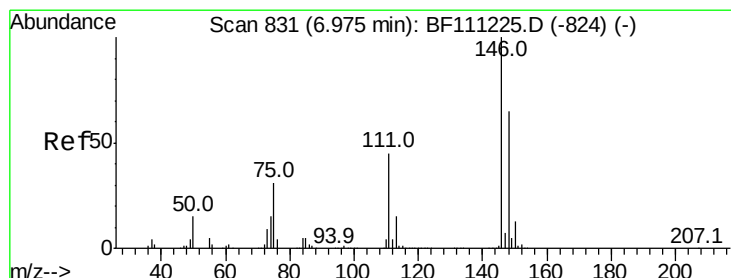
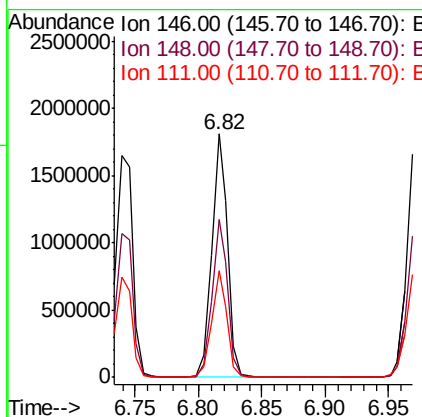
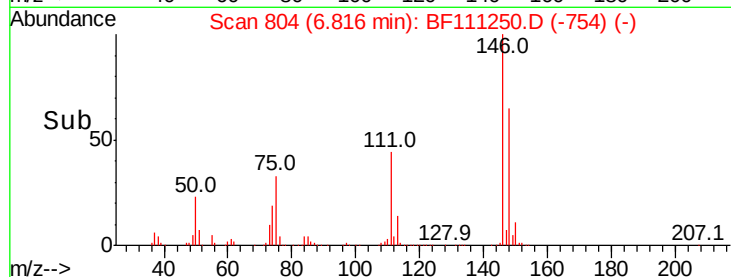
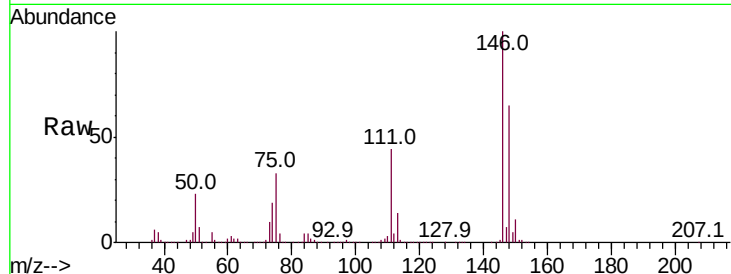
#13
1,4-Dichlorobenzene
Concen: 40.303 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleID :
PB115431BS

Tot Ion:146 Resp: 1588075
Ion Ratio Lower Upper
146 100
148 64.7 52.8 79.2
111 43.9 33.4 50.0

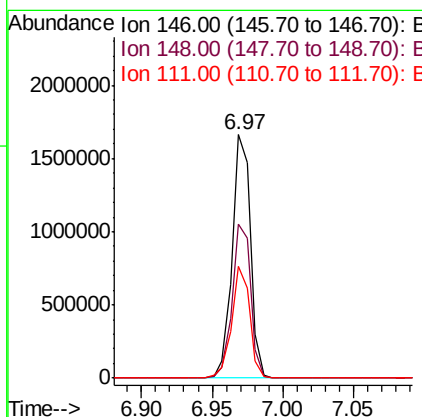
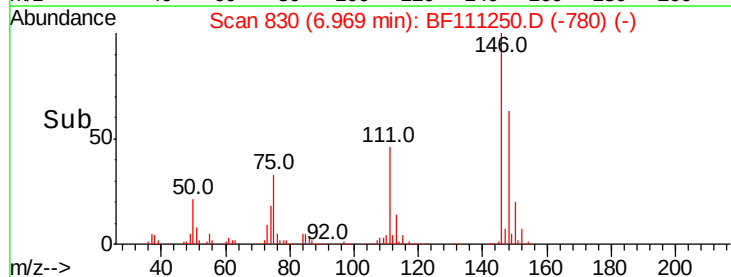
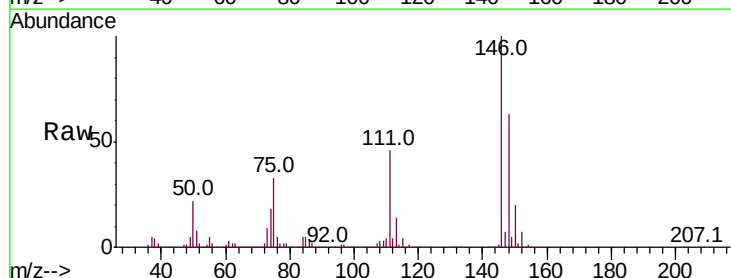
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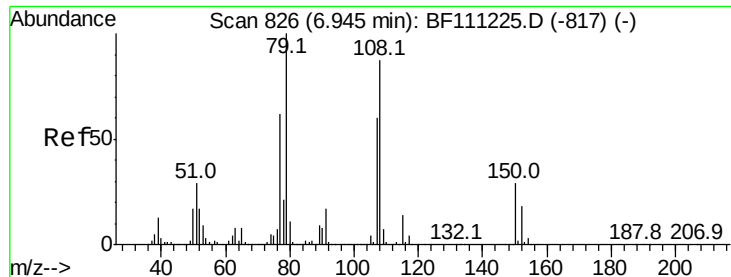
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.780 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:146 Resp: 1498733
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 45.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 42.260 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion: 79 Resp: 1327957

Ion Ratio Lower Upper

79 100

108 81.7 69.4 104.2

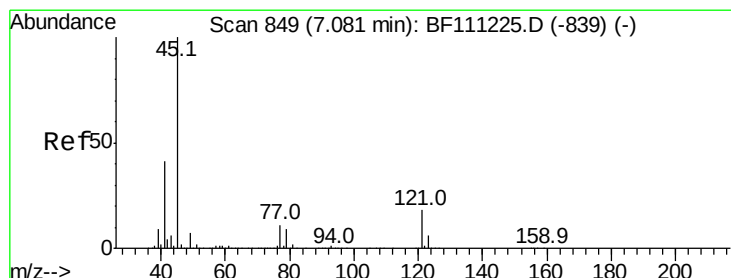
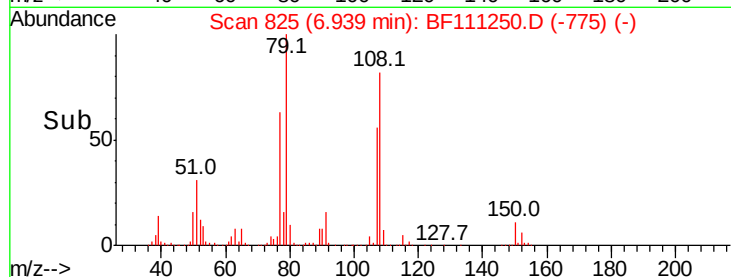
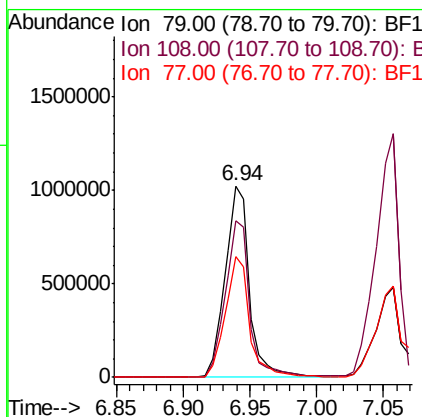
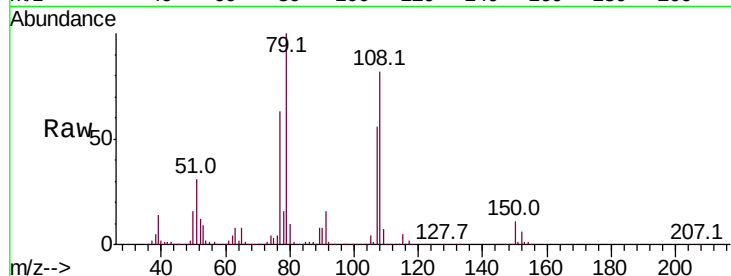
77 62.9 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.460 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

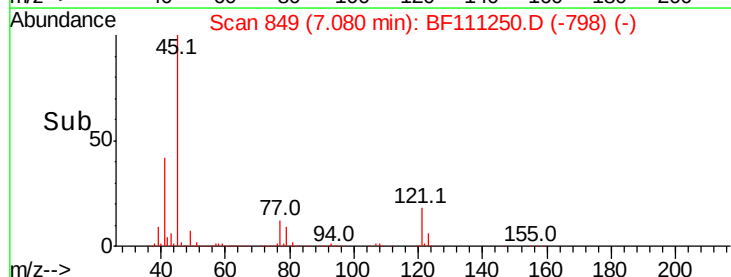
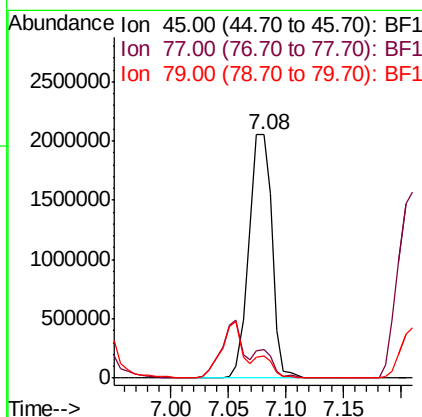
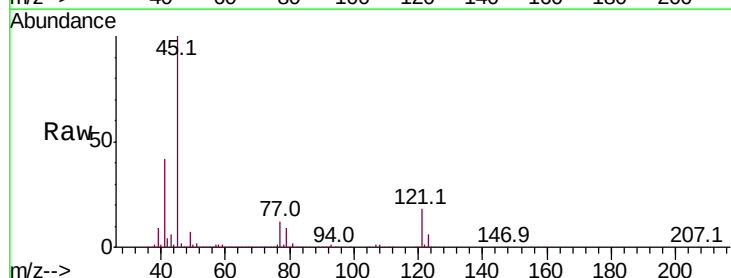
Tgt Ion: 45 Resp: 2854573

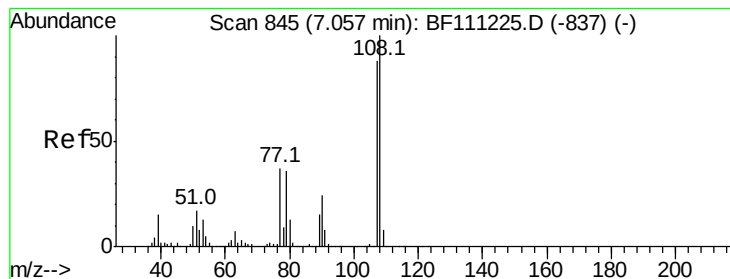
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 9.2 0.0 28.9





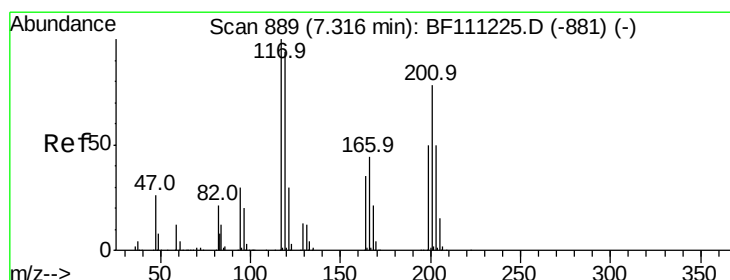
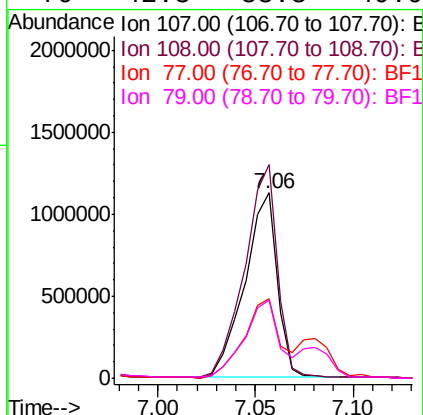
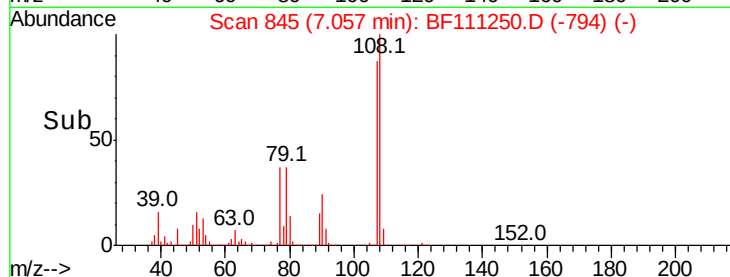
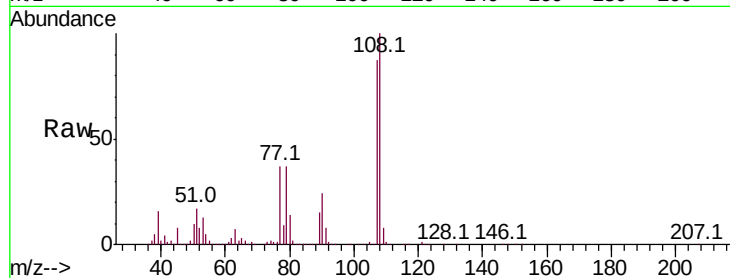
#17
2-Methylphenol
Concen: 44.110 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.0	136.4
77	43.0	33.5	50.3
79	42.3	33.3	49.9

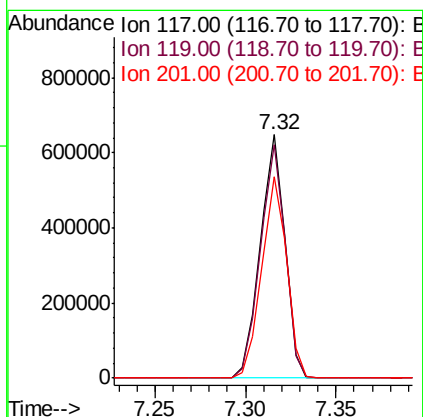
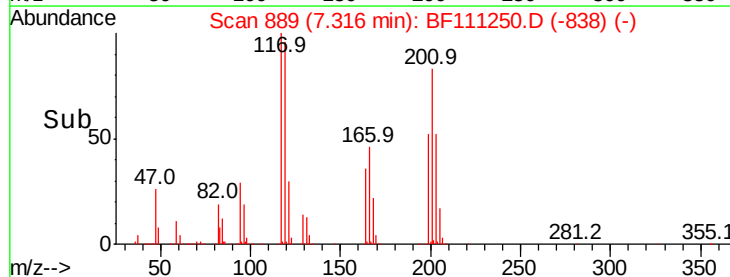
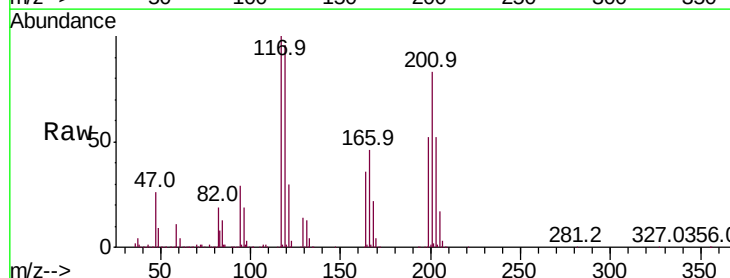
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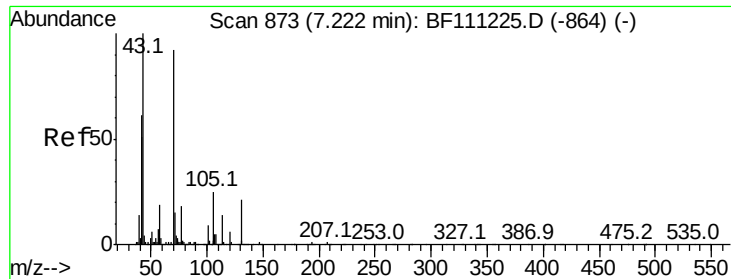
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#18
Hexachloroethane
Concen: 40.993 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	82.6	62.4	93.6





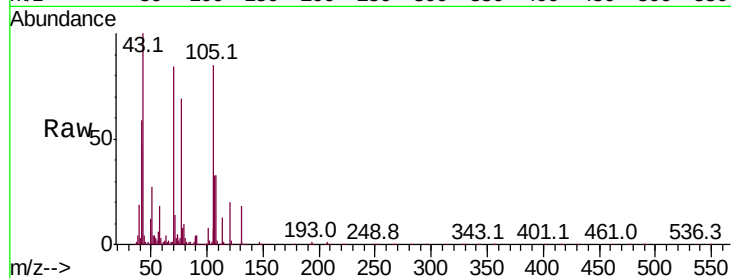
#19
n-Nitroso-di-n-propylamine
Concen: 41.146 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

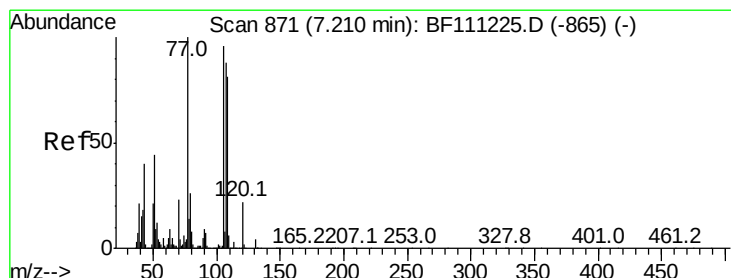
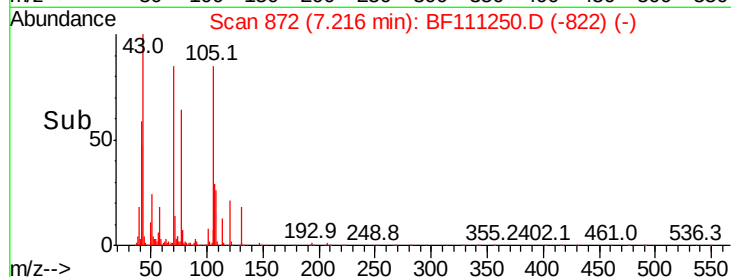
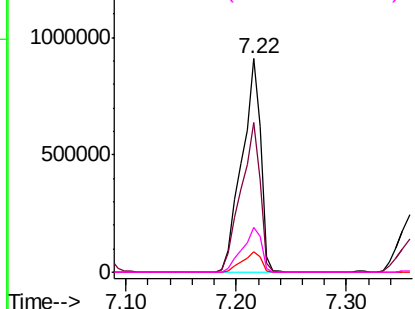
Tot Ion: 70 Resp: 1094491
Ion Ratio Lower Upper
70 100
42 70.0 53.2 79.8
101 9.4 8.2 12.4
130 20.9 18.1 27.1

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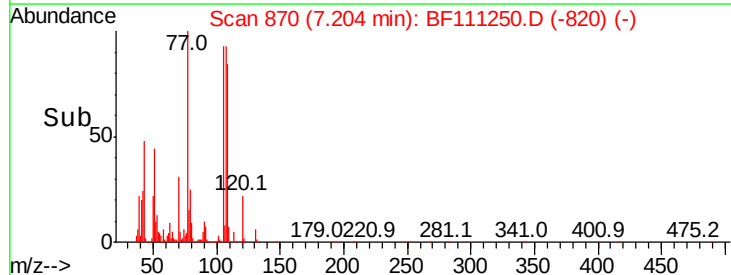
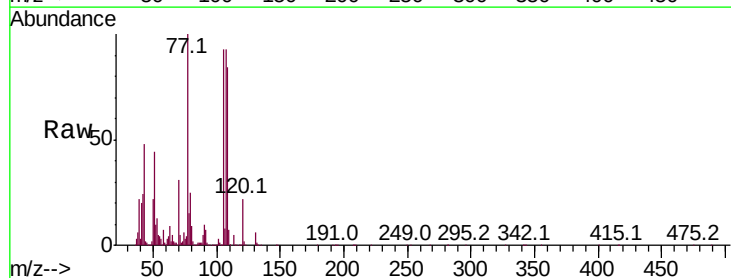
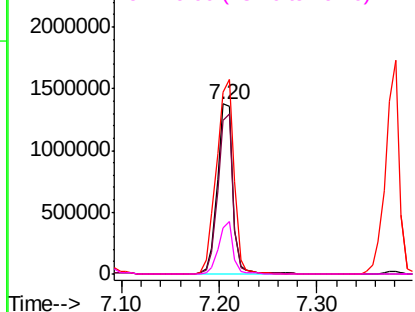
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

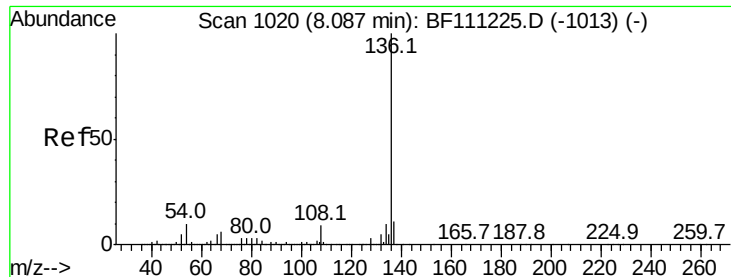


#20
3+4-Methylphenols
Concen: 42.585 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 107 Resp: 1501916
Ion Ratio Lower Upper
107 100
108 90.5 72.1 112.1
77 107.1 94.1 134.1
79 27.2 9.8 49.8

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





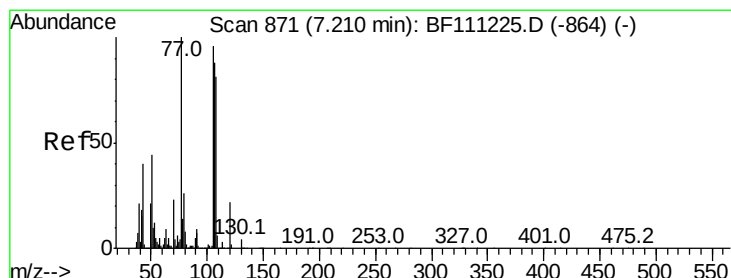
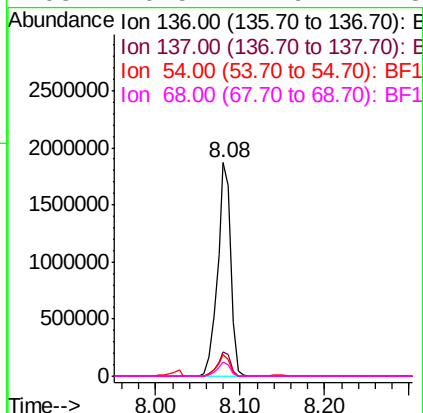
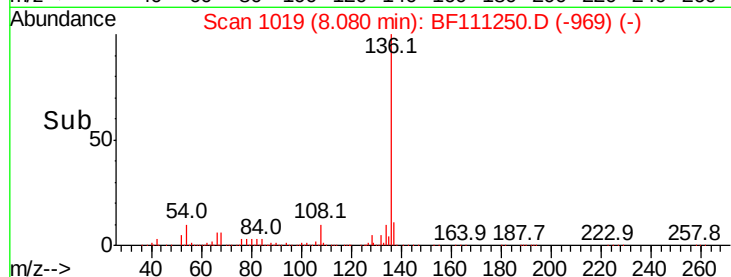
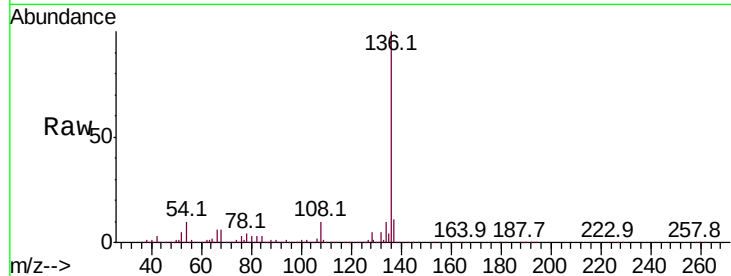
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	136	Resp	2076376
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.1	7.7	11.5
68	6.5	4.9	7.3

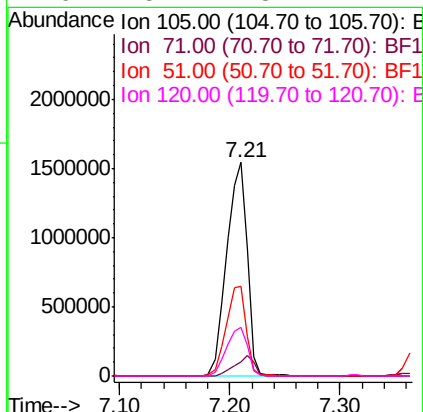
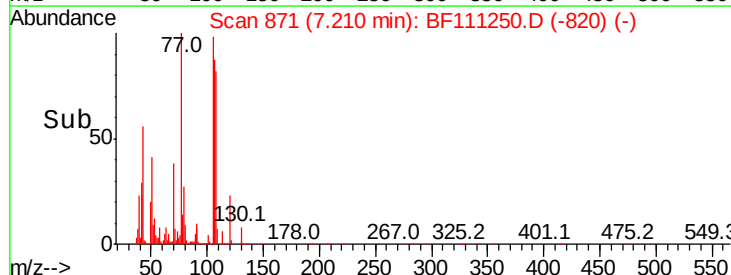
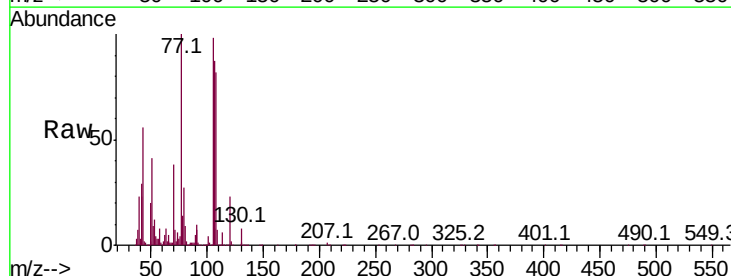
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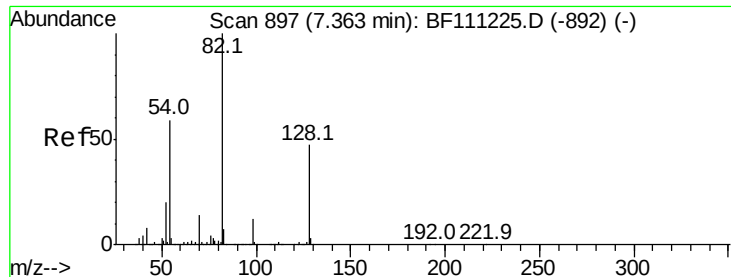
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#22
Acetophenone
Concen: 42.464 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	105	Resp	2017423
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.1	4.7#
51	41.9	36.6	54.8
120	23.1	18.2	27.4





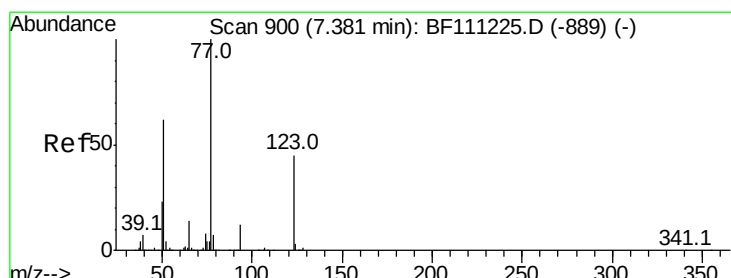
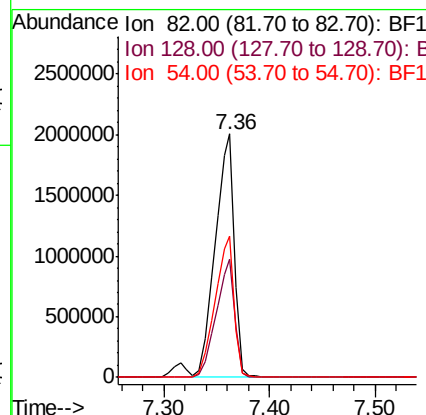
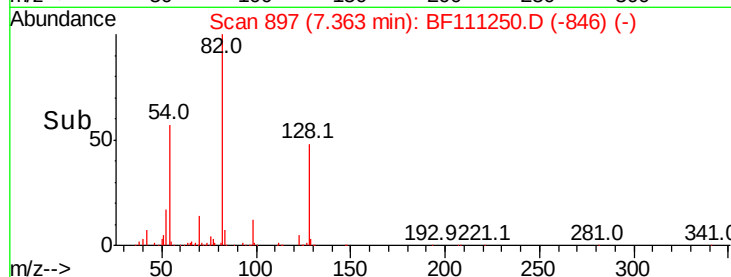
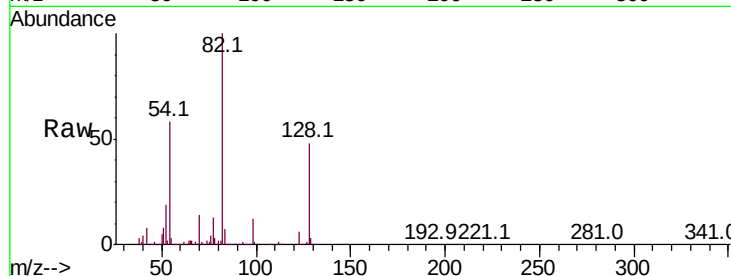
#23
Nitrobenzene-d5
Concen: 68.893 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion: 82 Resp: 2550375
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.2
54 57.8 47.6 71.4

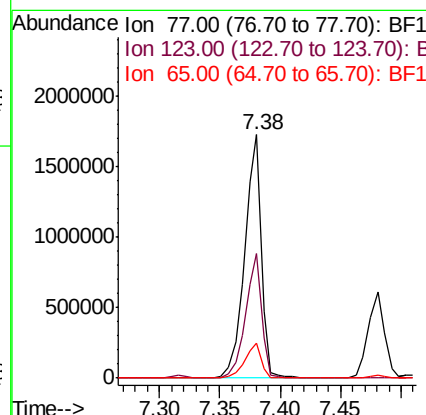
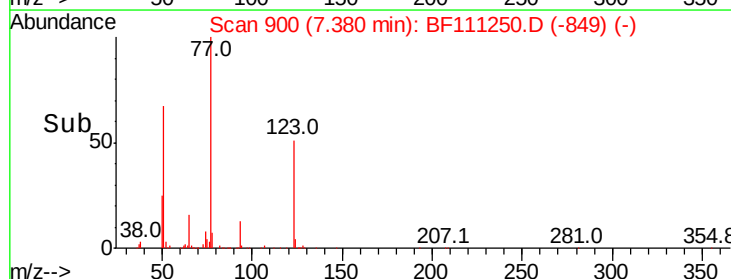
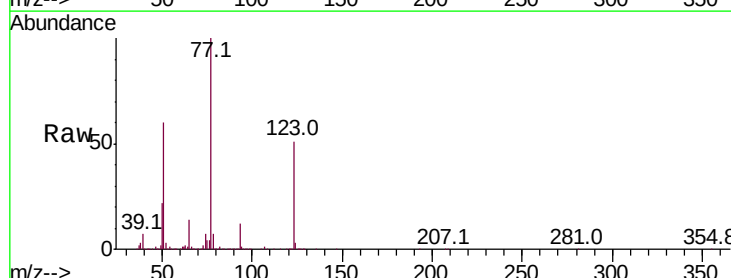
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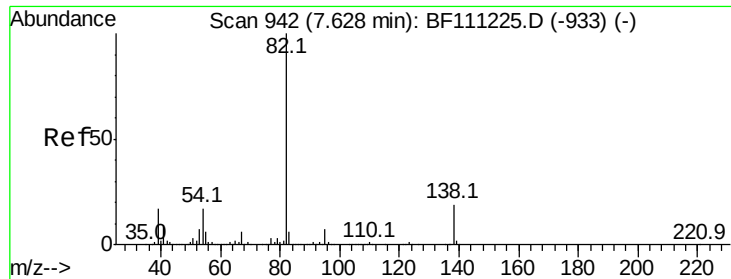
Sohil
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#24
Nitrobenzene
Concen: 42.948 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion: 77 Resp: 1654747
Ion Ratio Lower Upper
77 100
123 50.9 37.2 55.8
65 14.2 11.5 17.3





#25

Isophorone

Concen: 48.546 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion: 82 Resp: 3060906

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

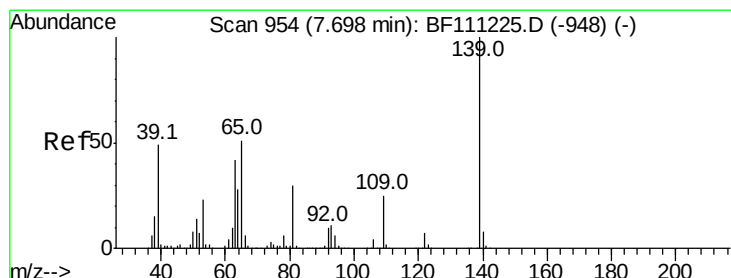
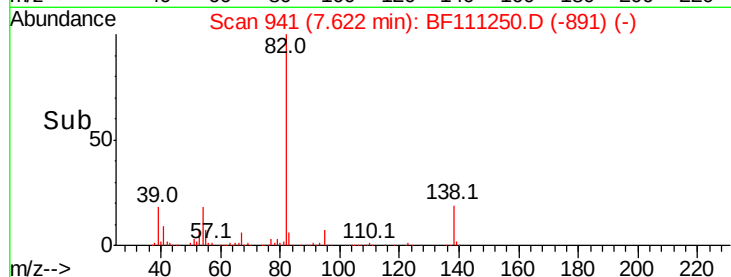
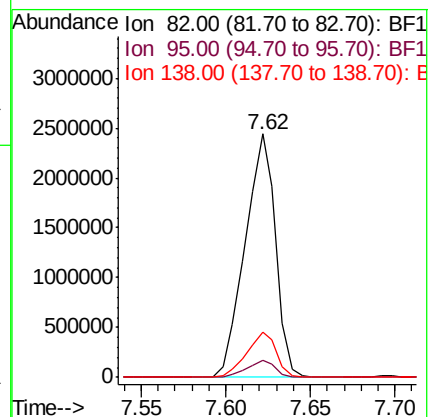
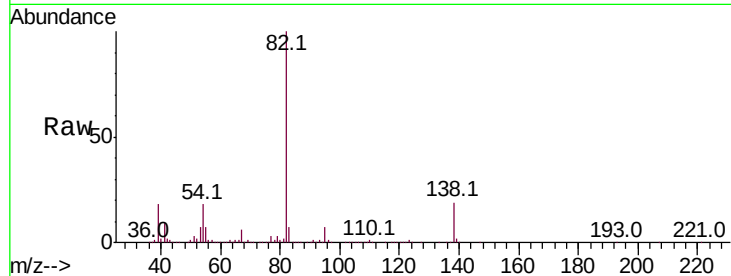
138 18.5 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.873 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

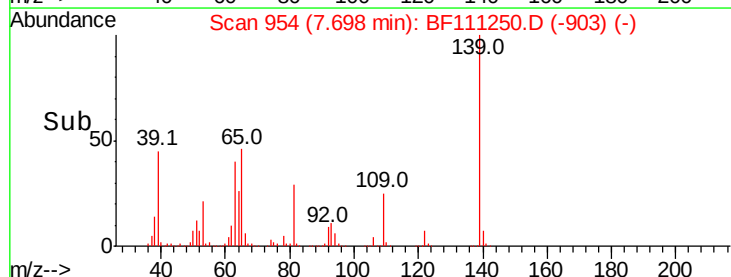
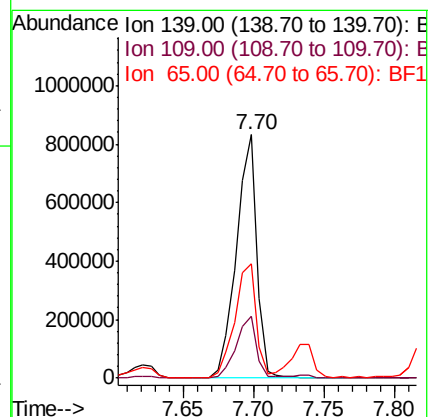
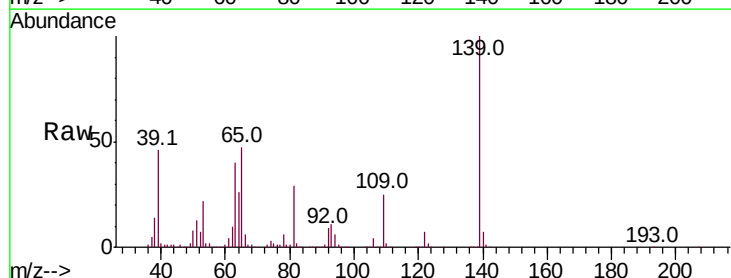
Tgt Ion: 139 Resp: 839859

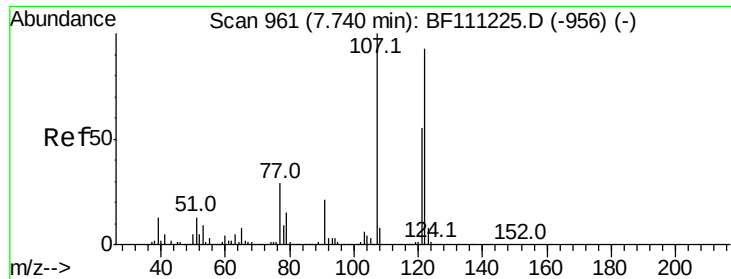
Ion Ratio Lower Upper

139 100

109 25.2 20.2 30.4

65 46.8 40.7 61.1





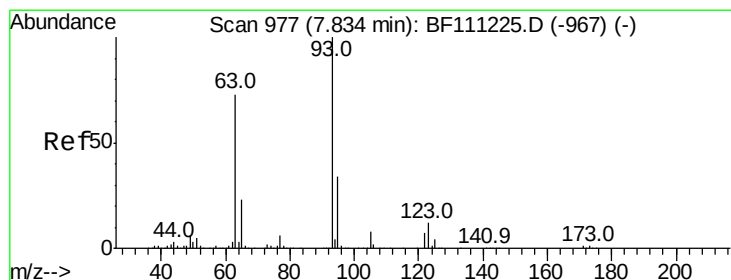
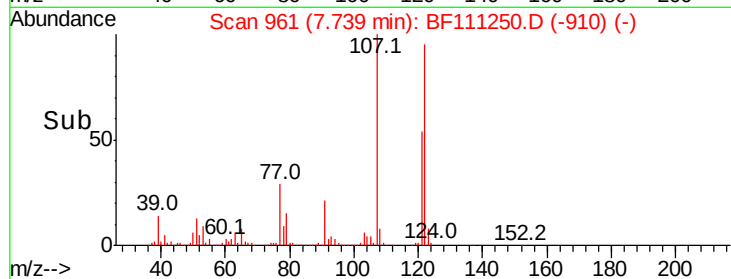
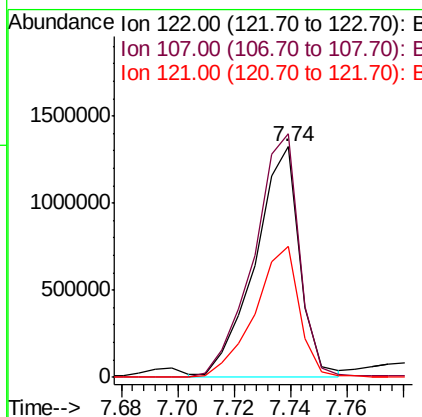
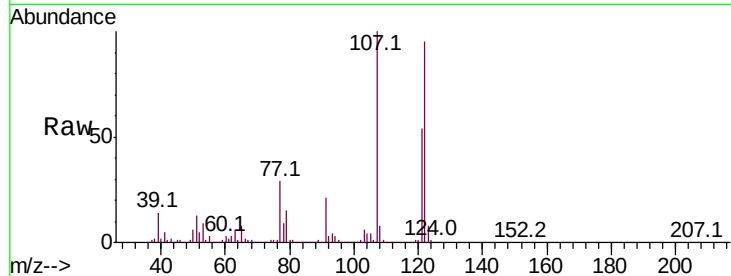
#27
 2,4-Dimethylphenol
 Concen: 49.225 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.7	85.5	128.3
121	56.7	46.6	70.0

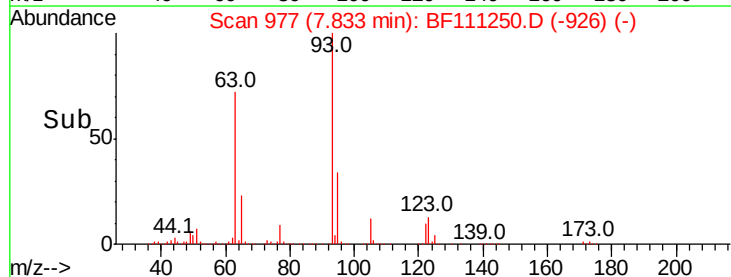
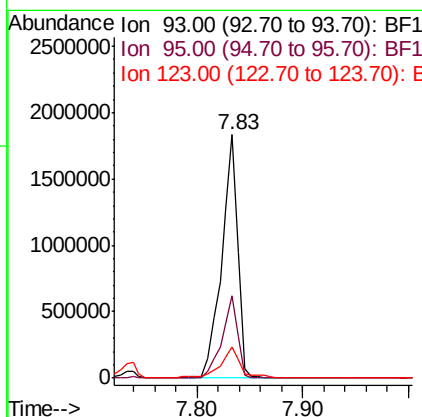
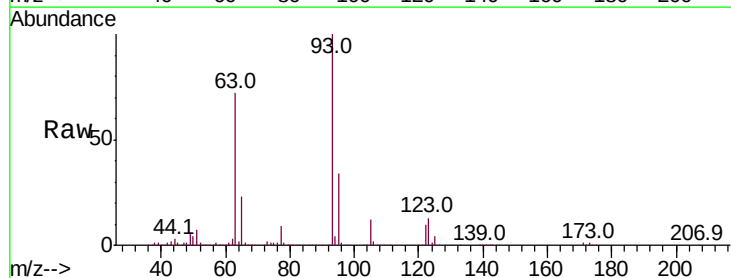
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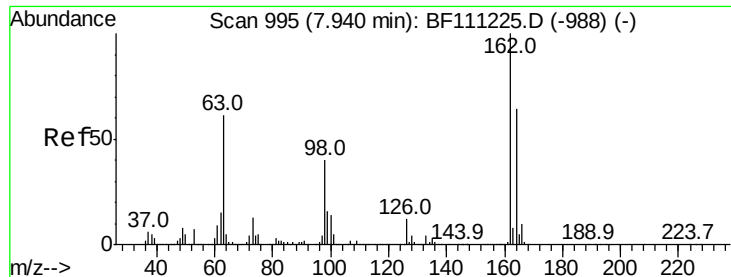
Sohil
 12/11/2018 2:23:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.628 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.1	40.7
123	12.7	9.9	14.9





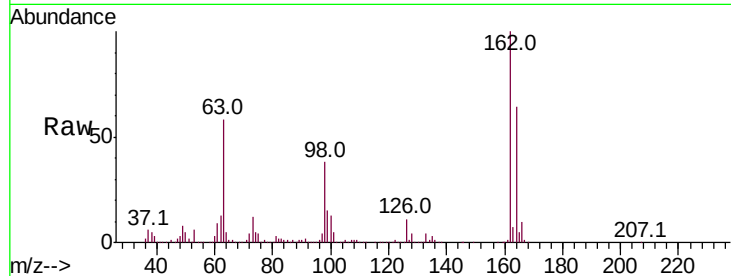
#29
2,4-Dichlorophenol
Concen: 43.431 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.4	84.4
98	37.7	20.3	60.3

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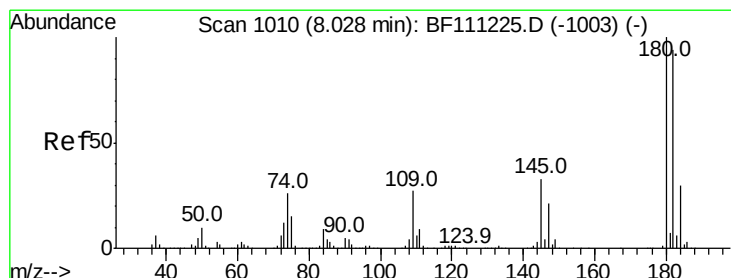
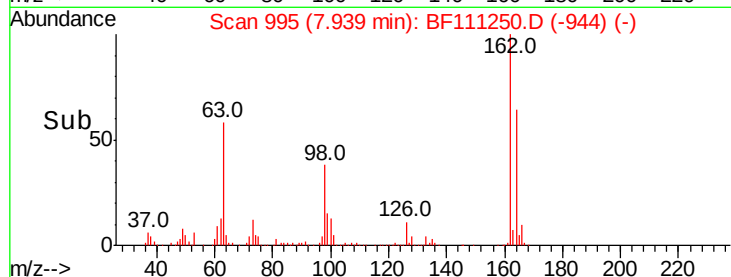
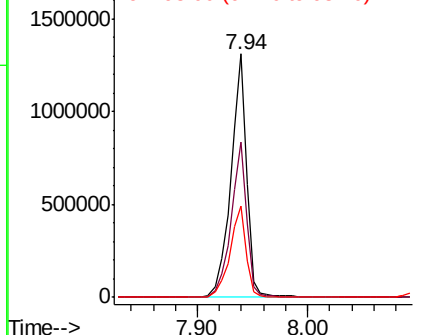


Abundance

Ion 162.00 (161.70 to 162.70): E

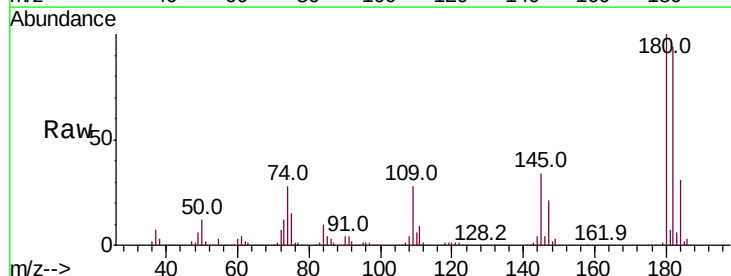
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.579 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	33.7	26.7	40.1

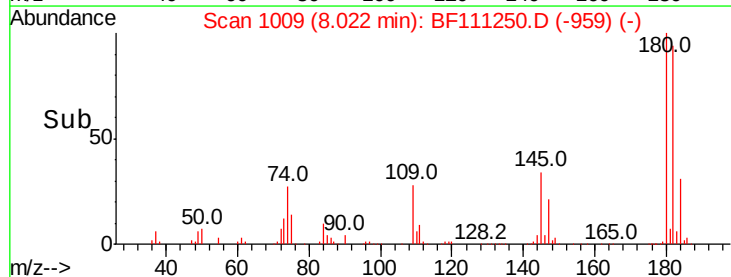
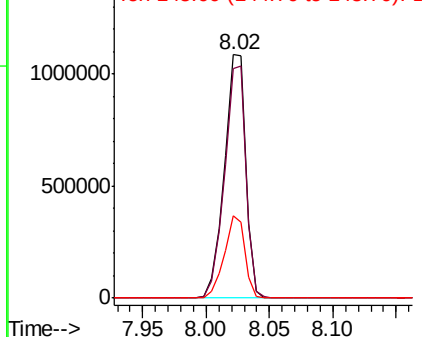


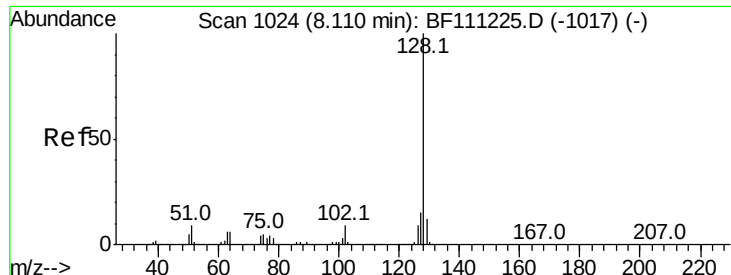
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





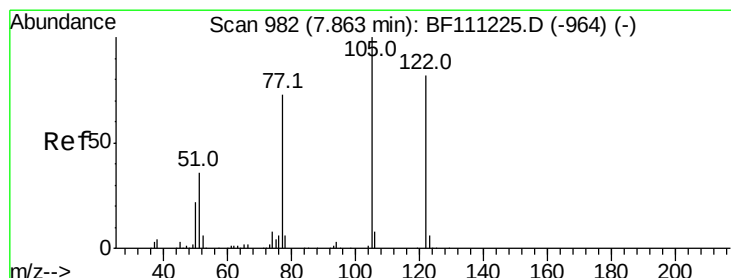
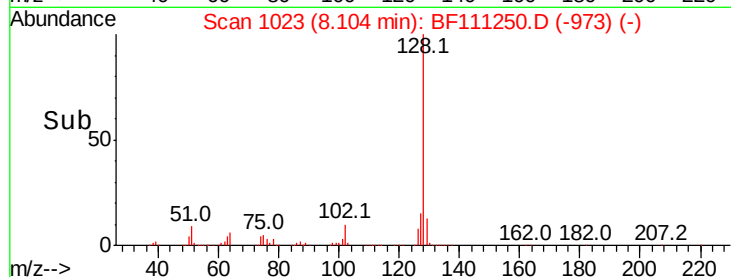
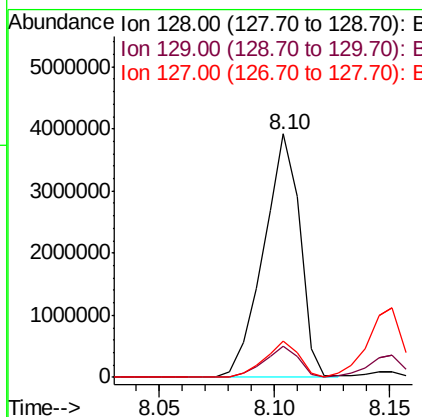
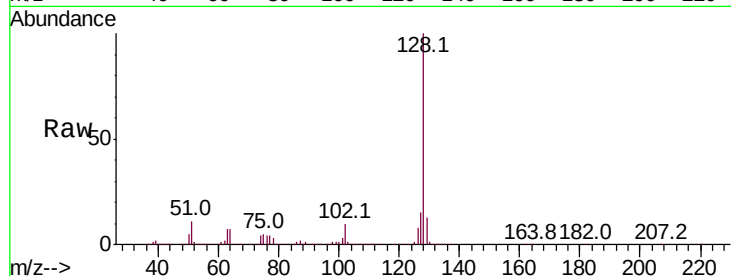
#31
Naphthalene
Concen: 47.234 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion:128 Resp: 4280439
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.8
127 14.9 12.0 18.0

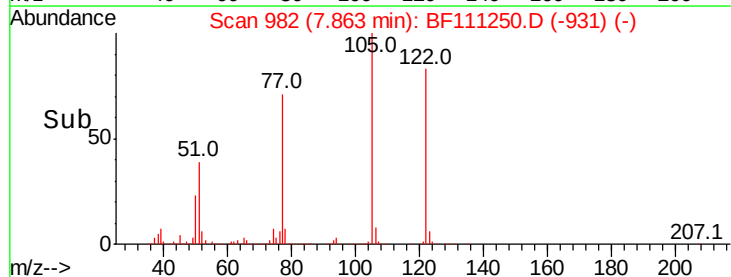
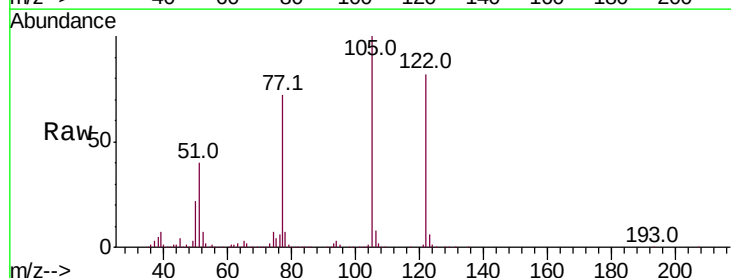
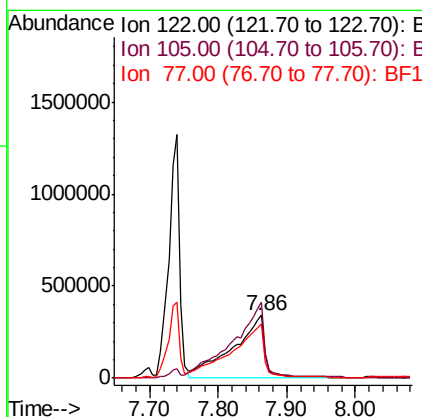
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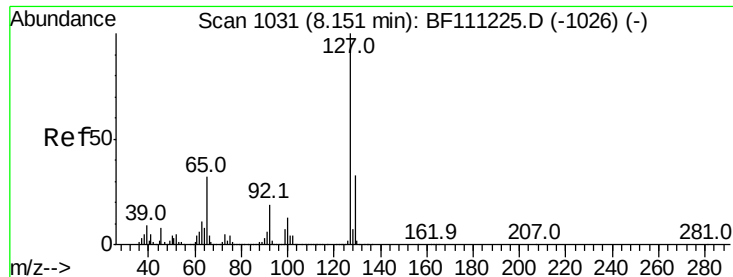
Sohil
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#32
Benzoic acid
Concen: 45.574 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:122 Resp: 1114803
Ion Ratio Lower Upper
122 100
105 121.2 97.0 137.0
77 87.1 65.7 105.7





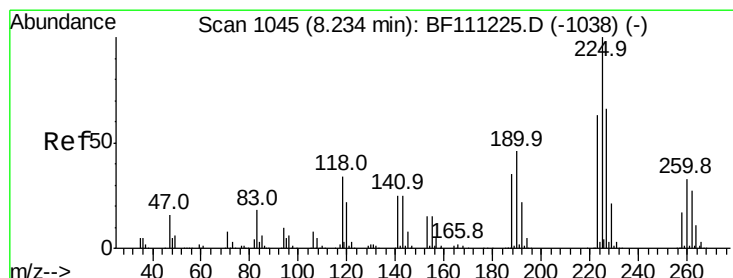
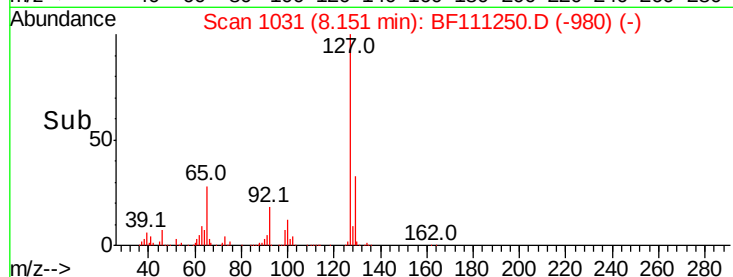
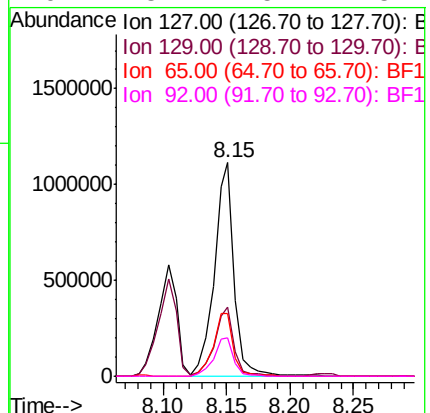
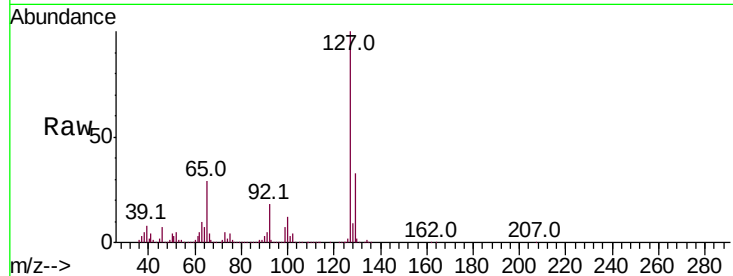
#33
4-Chloroaniline
Concen: 27.771 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1208737		
129	32.6	26.6	39.8		
65	29.4	25.7	38.5		
92	18.1	15.4	23.2		

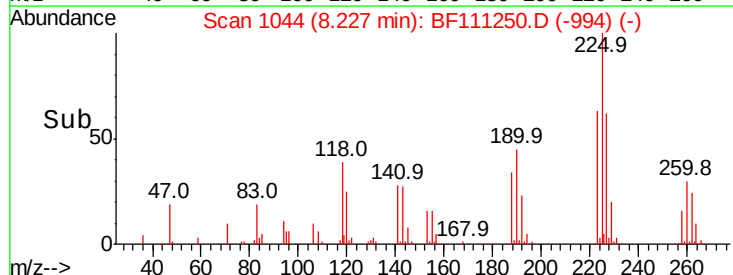
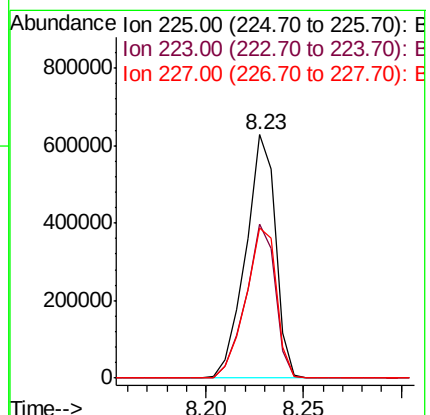
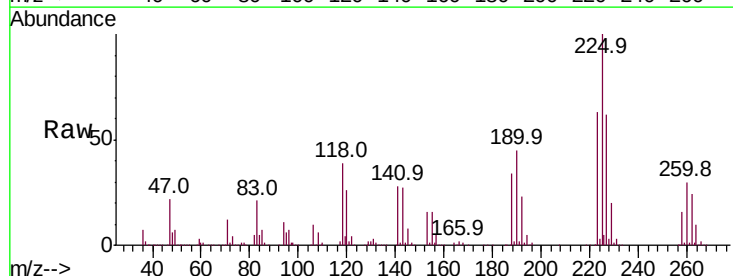
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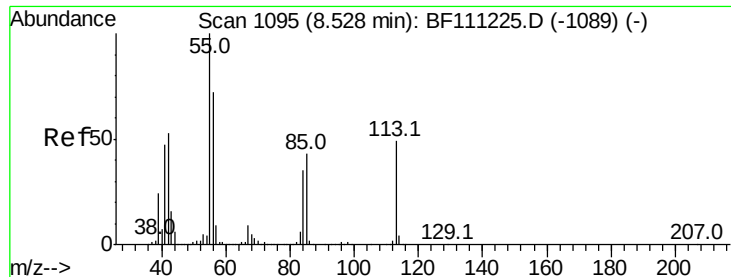
Sohil
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#34
Hexachlorobutadiene
Concen: 40.492 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		665948		
223	63.4	50.7	76.1		
227	61.9	52.6	78.8		





#35

Caprolactam

Concen: 42.463 ng/ml

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

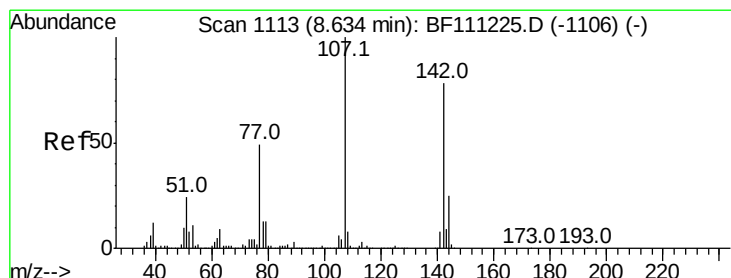
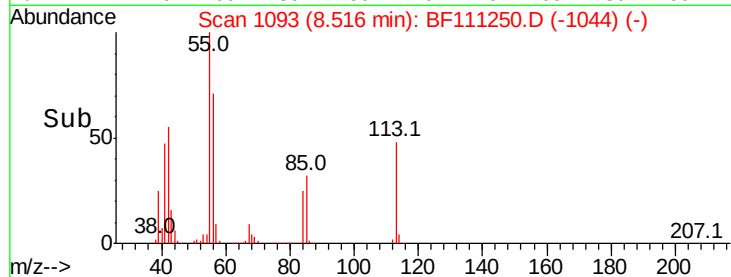
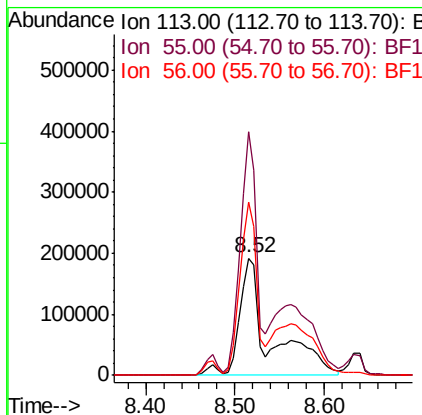
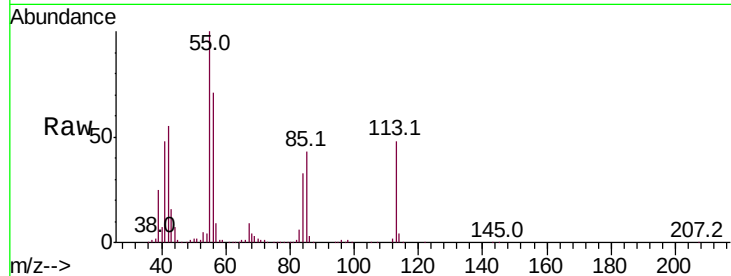
ClientSampleId :

PB115431BS

Tot Ion:	113	Resp:	455129
Ion Ratio	Lower	Upper	
113	100		
55	207.4	184.1	224.1
56	147.9	126.0	166.0

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12/11/2018 2:23:34 PM



#36

4-Chloro-3-methylphenol

Concen: 44.966 ng/ml

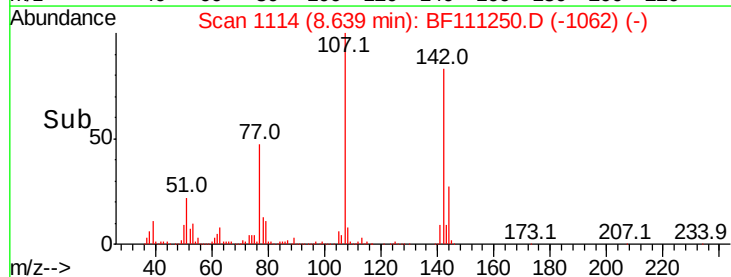
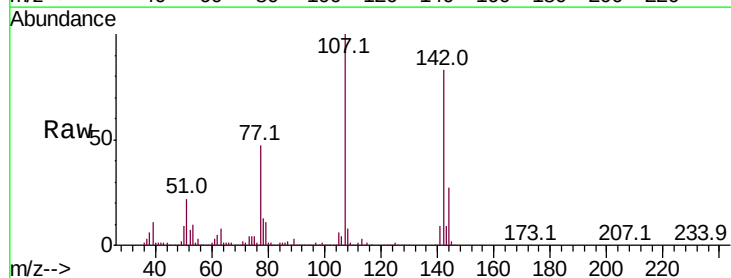
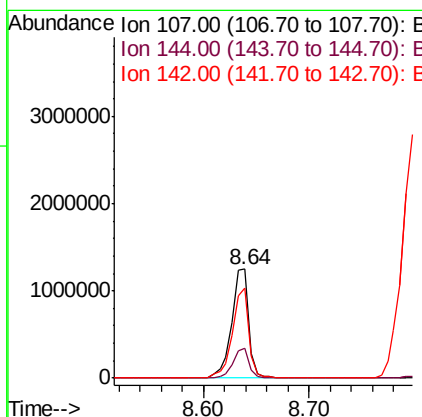
RT: 8.64 min Scan# 1114

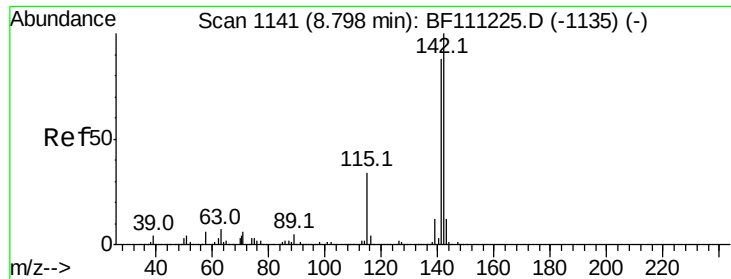
Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion:	107	Resp:	1392545
Ion Ratio	Lower	Upper	
107	100		
144	26.9	19.8	29.6
142	82.6	62.3	93.5





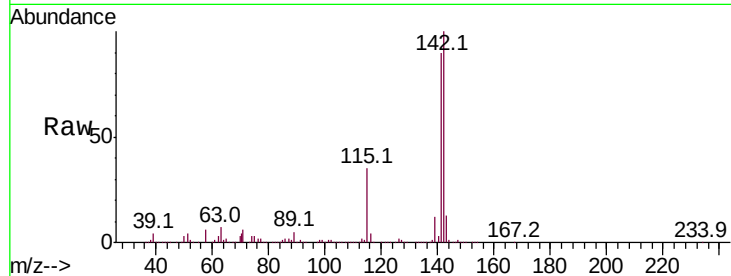
#37
2-Methylnaphthalene
Concen: 48.653 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

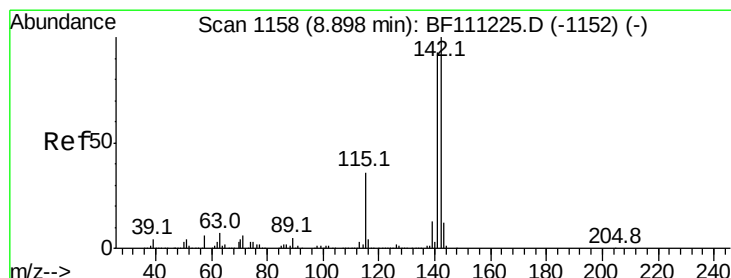
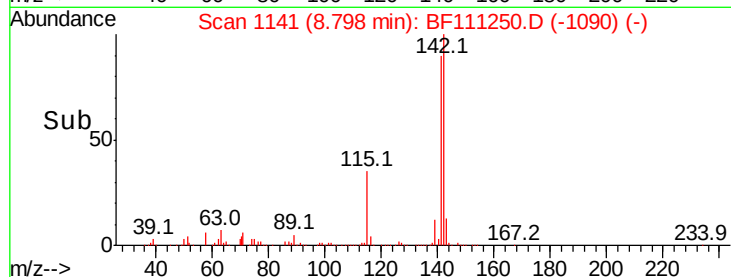
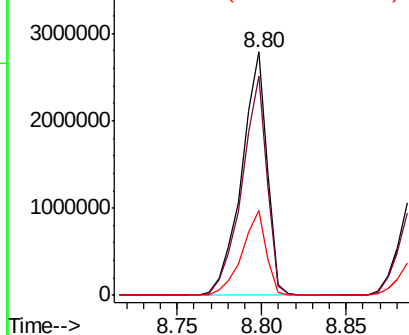
Tot Ion:142 Resp: 2927232
Ion Ratio Lower Upper
142 100
141 90.1 70.6 105.8
115 34.9 27.0 40.6

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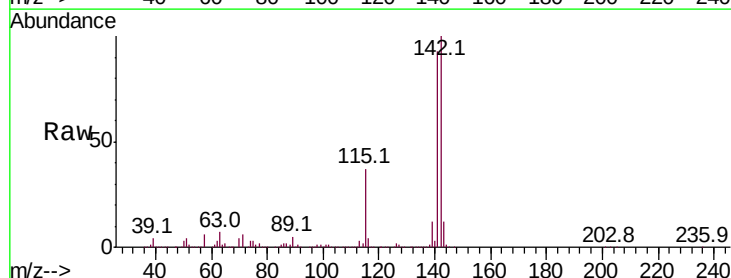


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

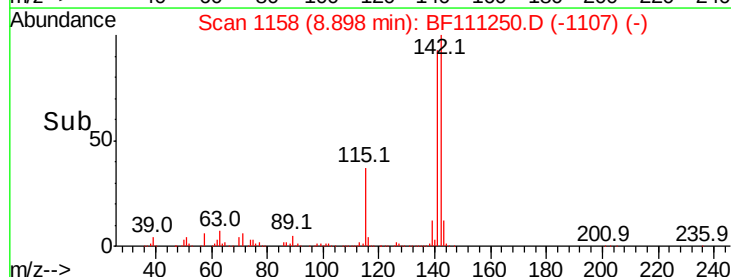
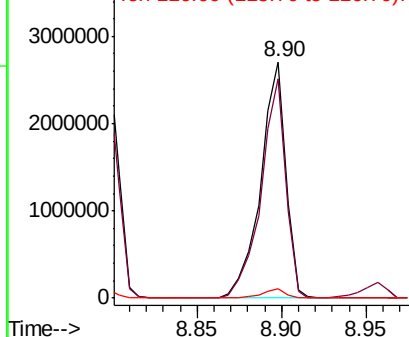


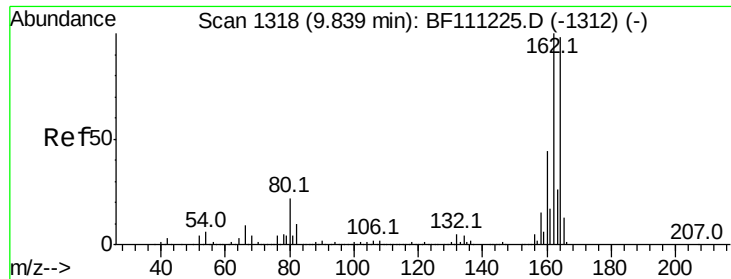
#38
1-Methylnaphthalene
Concen: 47.383 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:142 Resp: 2791811
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4
116 3.8 2.9 4.3



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





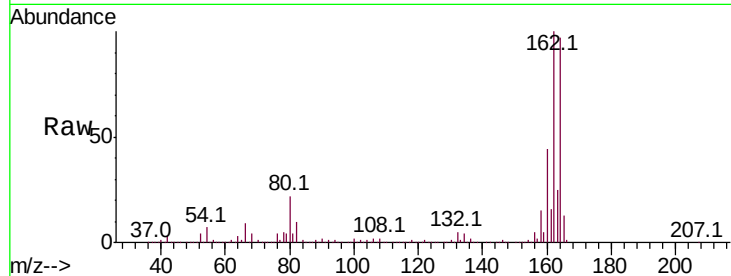
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampled :
PB115431BS

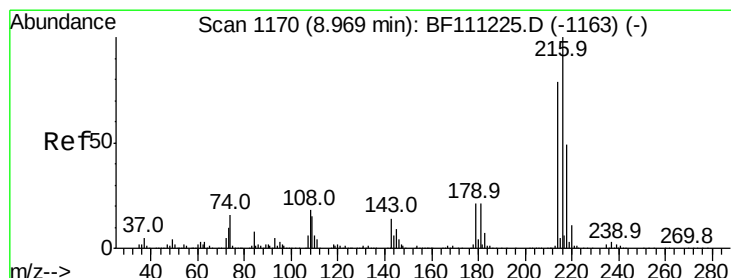
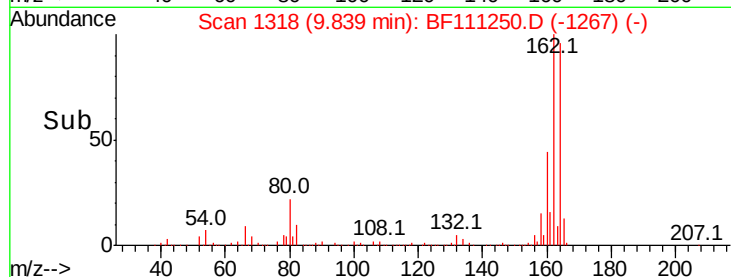
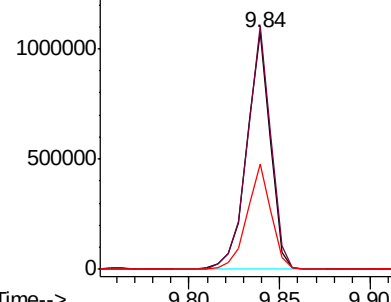
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	44.7	35.7	53.5

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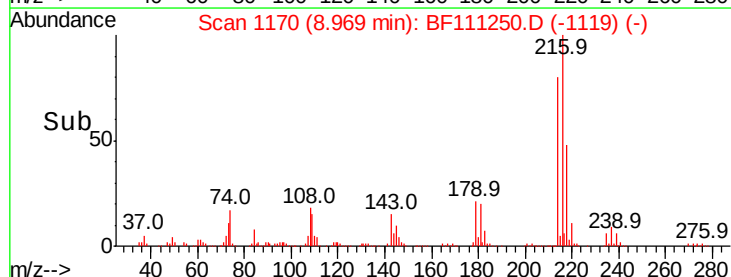
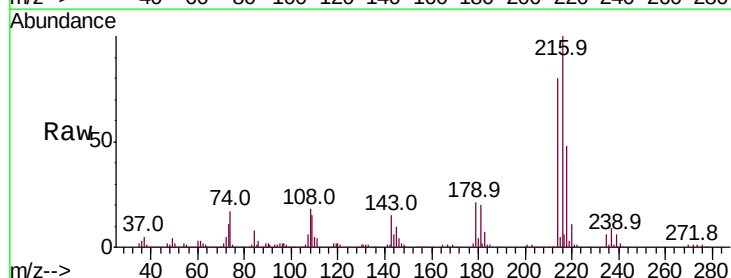
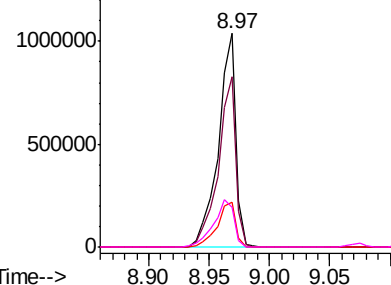
Abundance Ion 164.00 (163.70 to 164.70): E
1500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

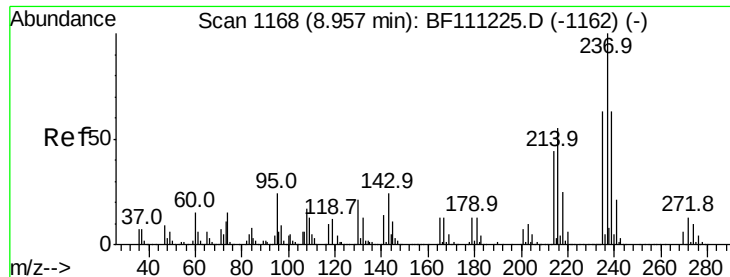


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.535 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	22.1	17.9	26.9
108	25.5	18.4	27.6

Abundance Ion 216.00 (215.70 to 216.70): E
1500000
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.192 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:237 Resp: 1281689

Ion Ratio Lower Upper

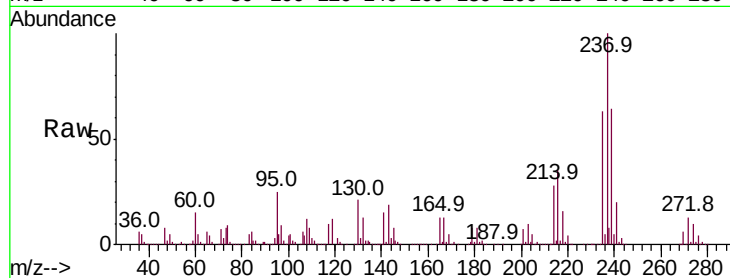
237 100

235 63.1 43.1 83.1

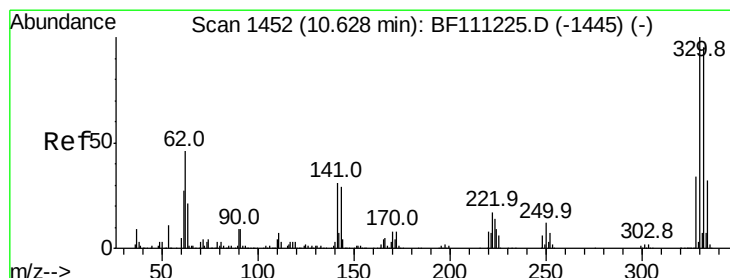
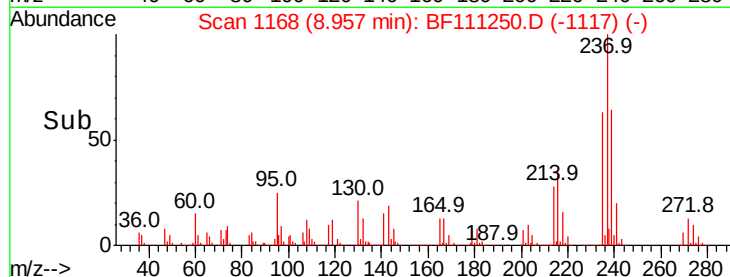
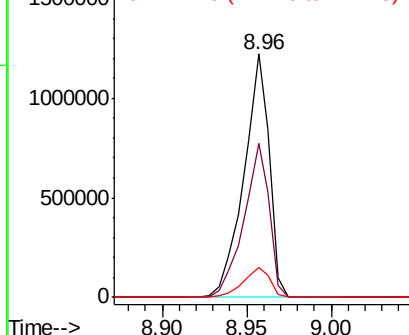
272 12.5 0.0 33.0

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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: 117.923 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

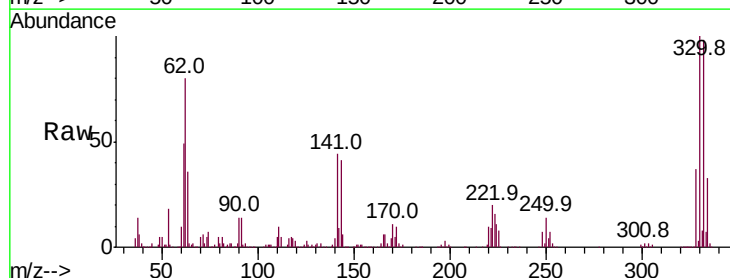
Tgt Ion:330 Resp: 1015566

Ion Ratio Lower Upper

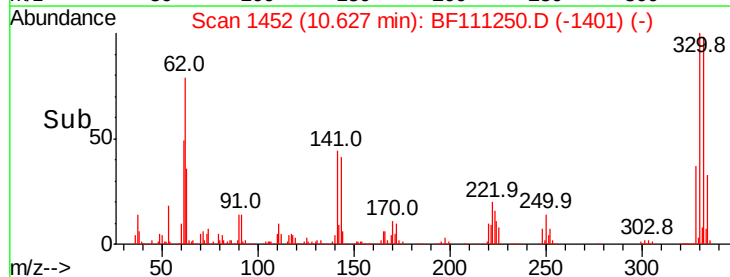
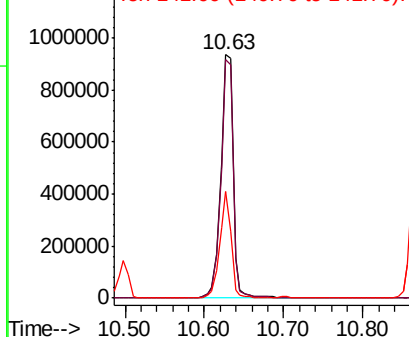
330 100

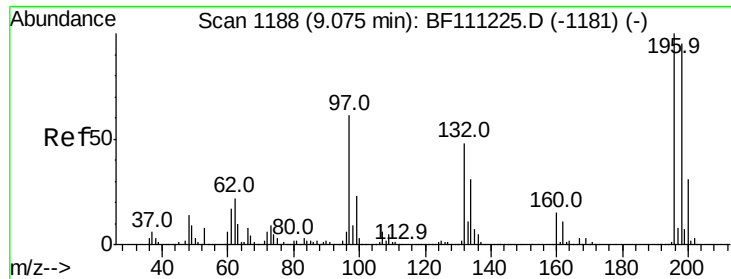
332 97.0 76.0 114.0

141 39.6 31.0 46.6



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





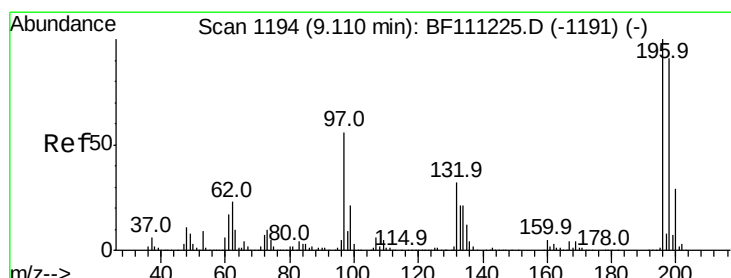
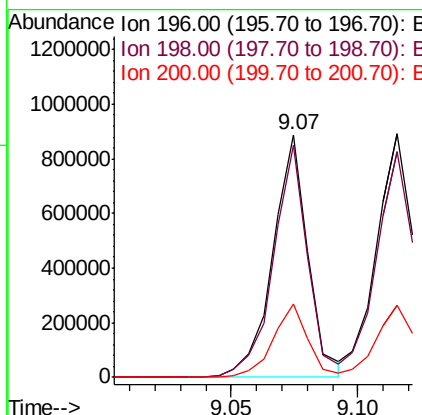
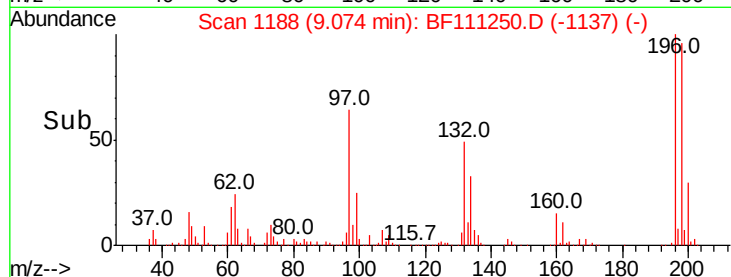
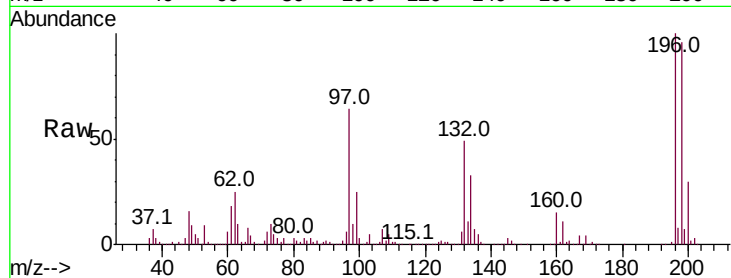
#43
 2,4,6-Trichlorophenol
 Concen: 42.319 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion:	196	Resp:	859350
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.3	114.5
200	30.3	24.9	37.3

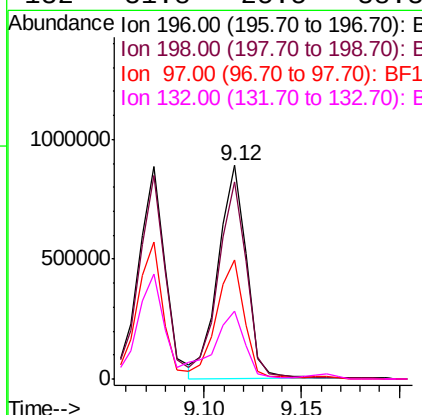
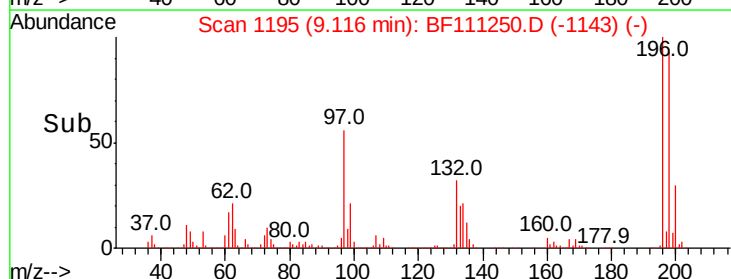
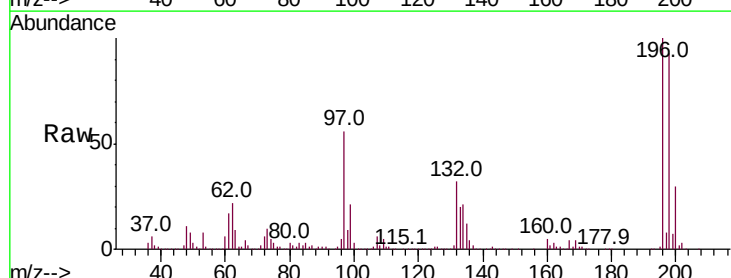
Manual Integrations
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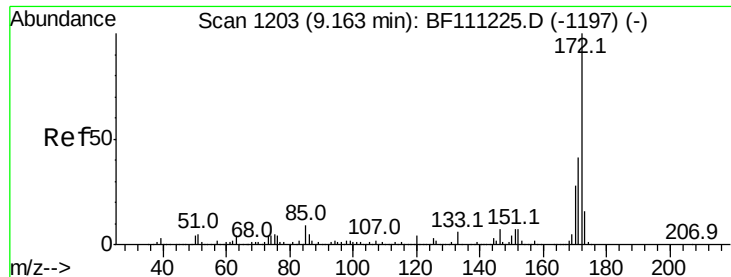
Sohil
 12/11/2018 2:23:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.276 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:	196	Resp:	894288
Ion Ratio	Lower	Upper	
196	100		
198	92.6	72.9	109.3
97	55.5	45.3	67.9
132	31.8	25.5	38.3





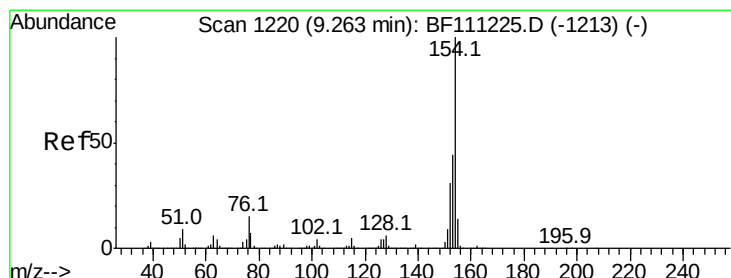
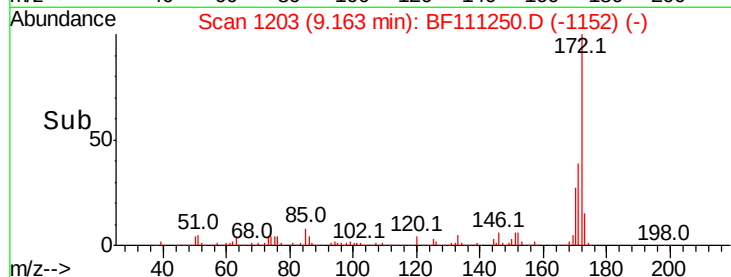
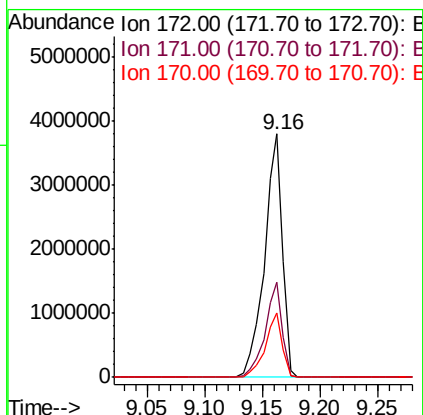
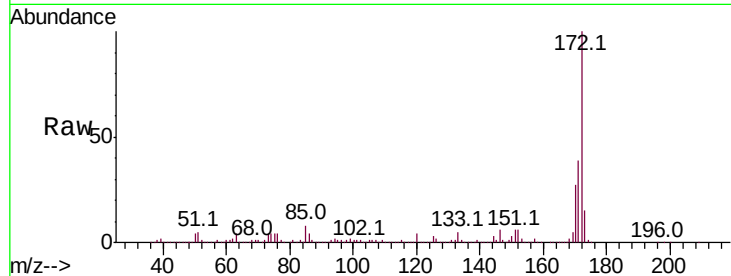
#45
2-Fluorobiphenyl
Concen: 70.347 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion:172 Resp: 4148297
Ion Ratio Lower Upper
172 100
171 39.3 33.0 49.4
170 26.7 22.3 33.5

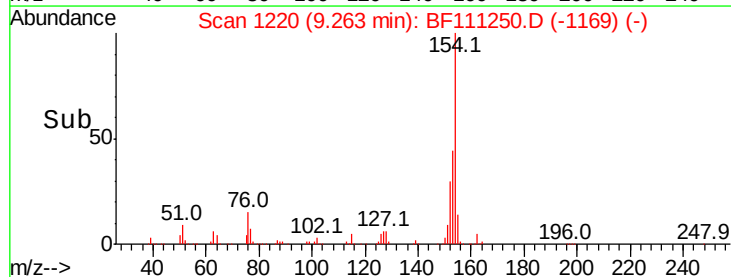
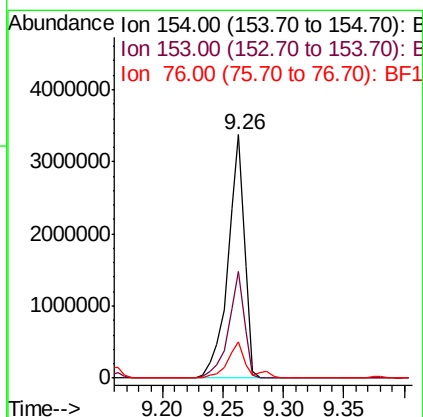
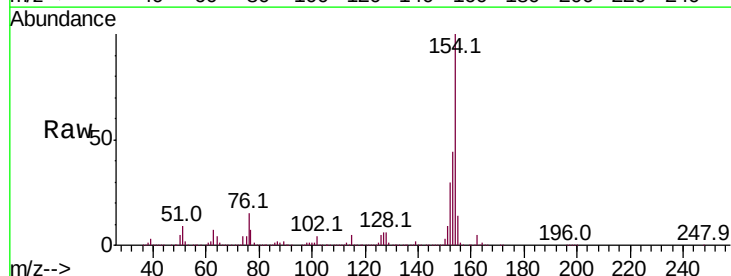
Manual Integrations
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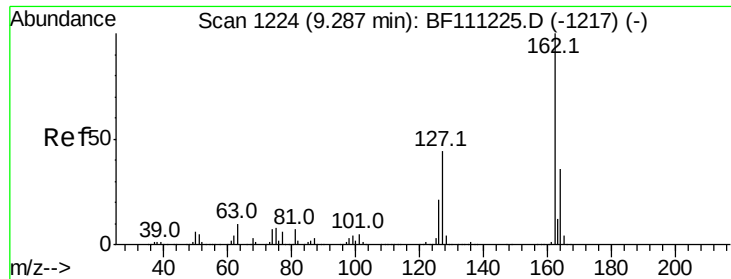
Sohil
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#46
1,1'-Biphenyl
Concen: 40.849 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:154 Resp: 3211069
Ion Ratio Lower Upper
154 100
153 43.7 23.7 63.7
76 14.8 0.0 35.0





#47

2-Chloronaphthalene

Concen: 40.787 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:162 Resp: 2594665

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

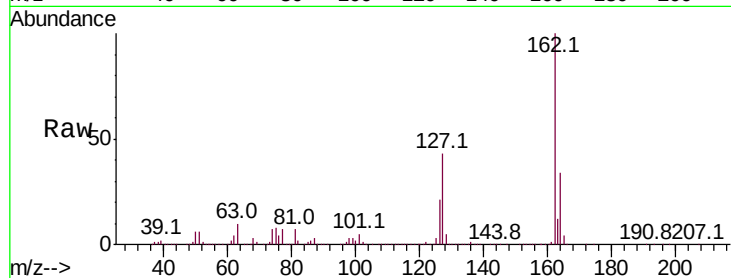
164 34.5 28.4 42.6

Manual Integrations

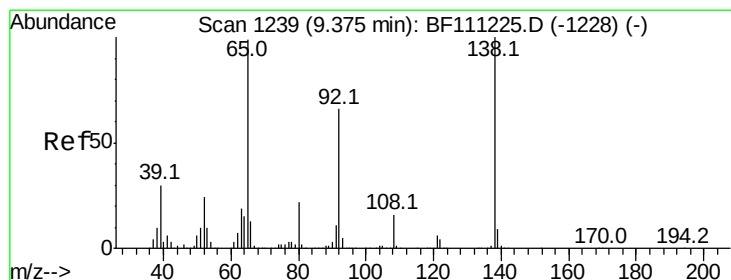
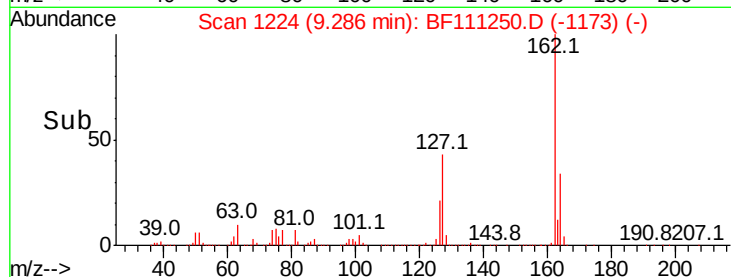
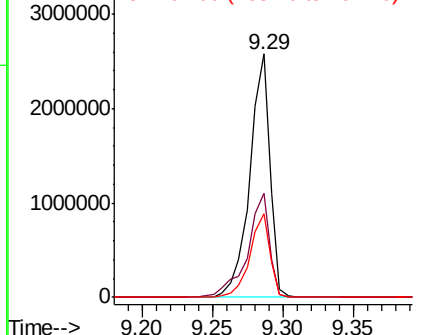
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.565 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

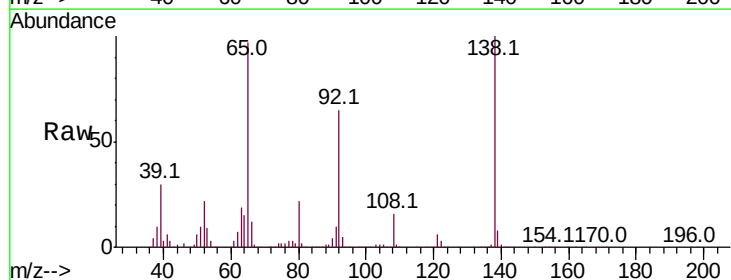
Tgt Ion: 65 Resp: 923696

Ion Ratio Lower Upper

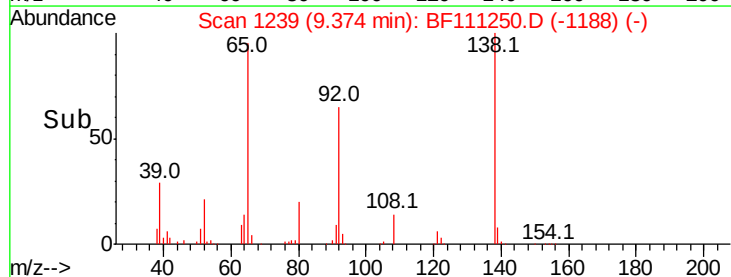
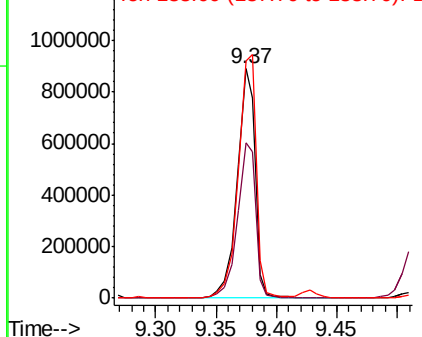
65 100

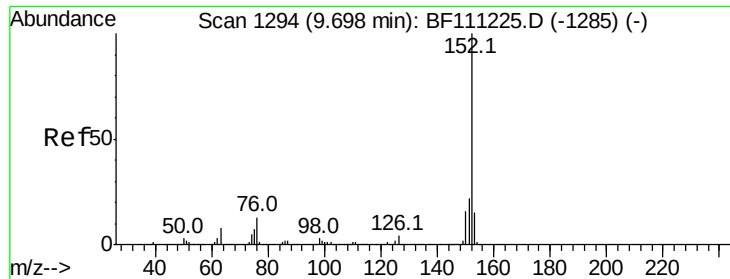
92 67.7 53.5 80.3

138 103.6 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





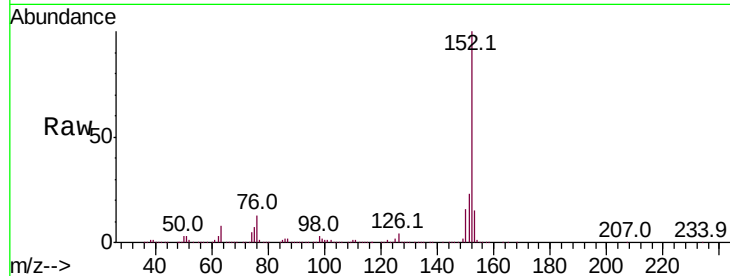
#49
Acenaphthylene
Concen: 43.197 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.0	27.0
153	14.7	12.3	18.5

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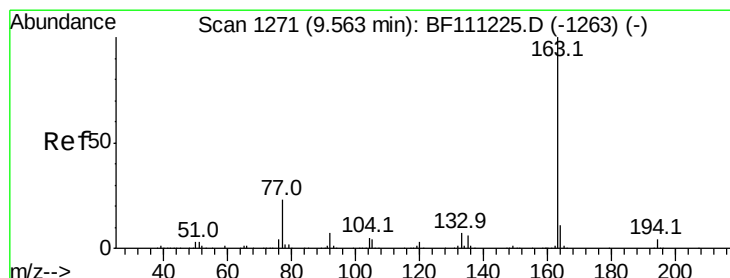
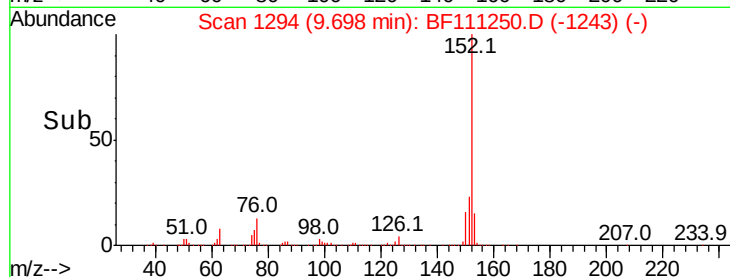
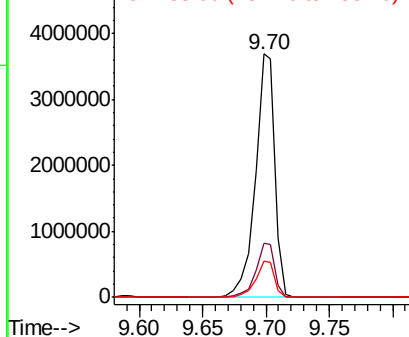


Abundance

Ion 152.00 (151.70 to 152.70): E

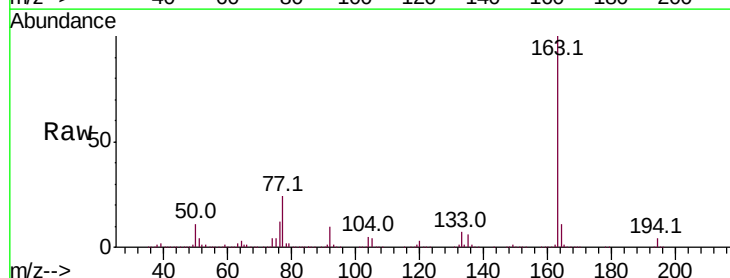
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 41.175 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	11.4	8.9	13.3

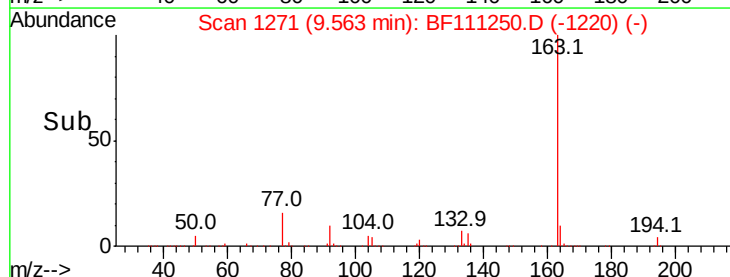
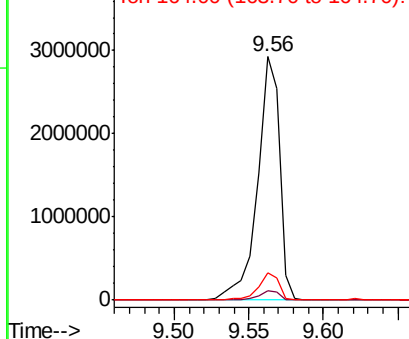


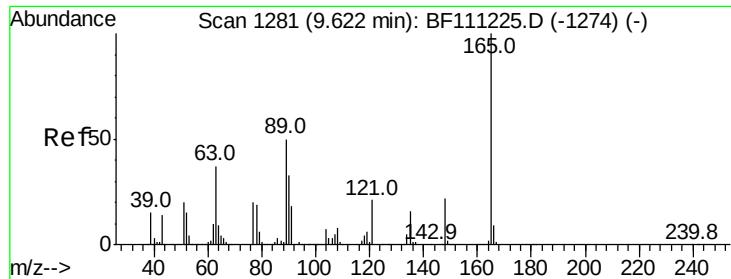
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





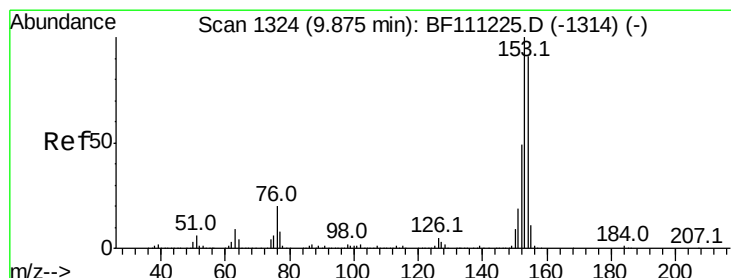
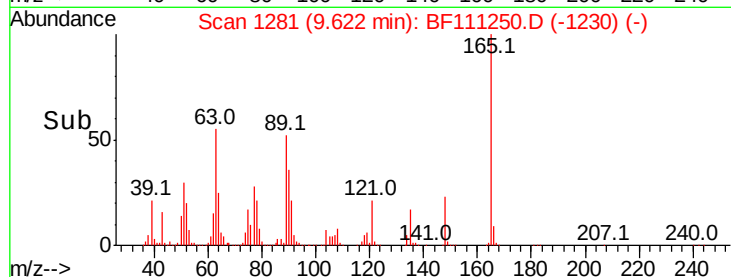
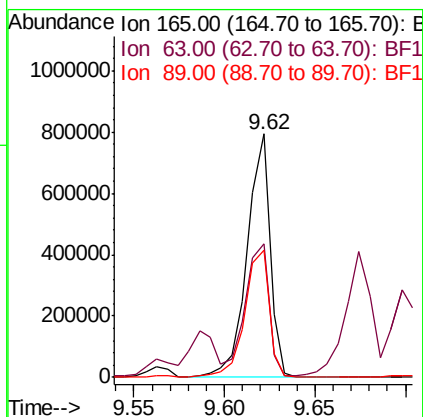
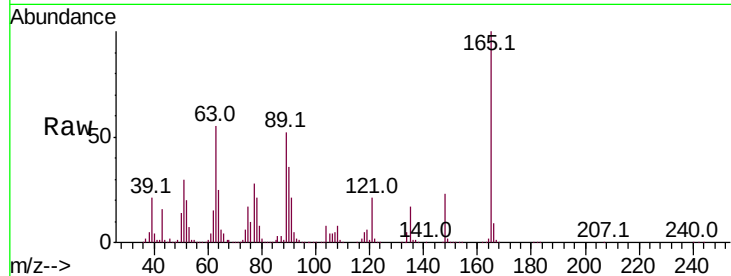
#51
2,6-Dinitrotoluene
Concen: 44.208 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	700353		
63	55.0		40.5	60.7
89	52.2		40.0	60.0

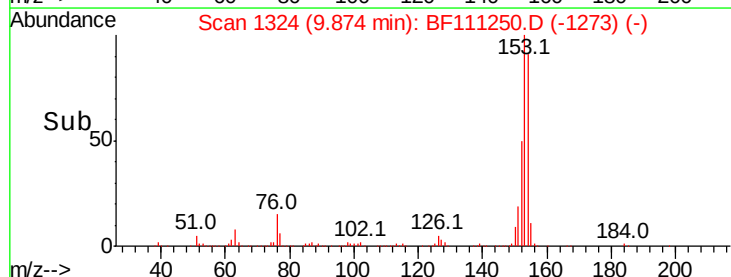
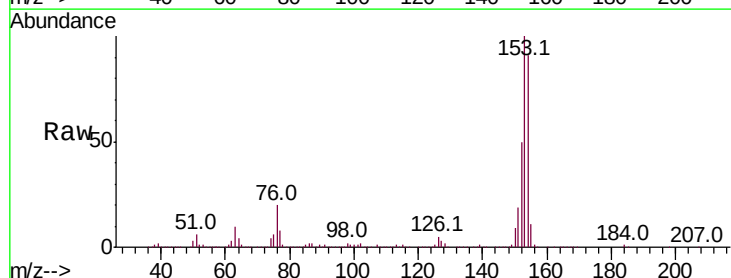
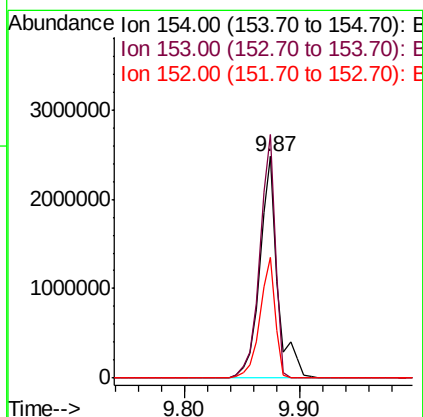
Manual Integrations
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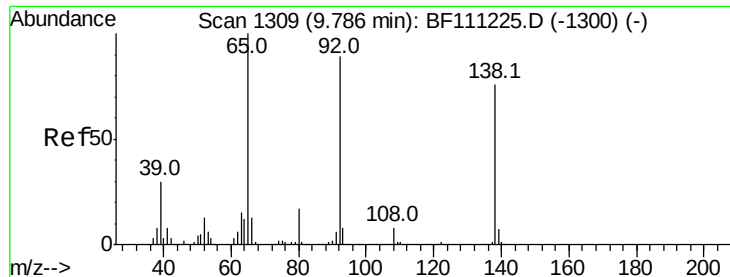
Sohil
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#52
Acenaphthene
Concen: 46.353 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2686344		
153	110.0		87.8	131.8
152	54.8		43.4	65.2





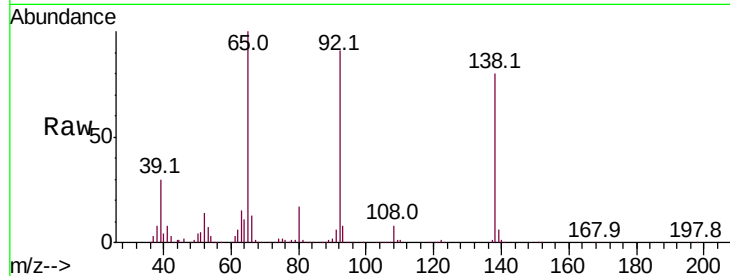
#53
3-Nitroaniline
Concen: 29.119 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.8	8.2	12.4	
92	113.5	93.4	140.2	

Manual Integrations
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12/11/2018 2:23:34 PM

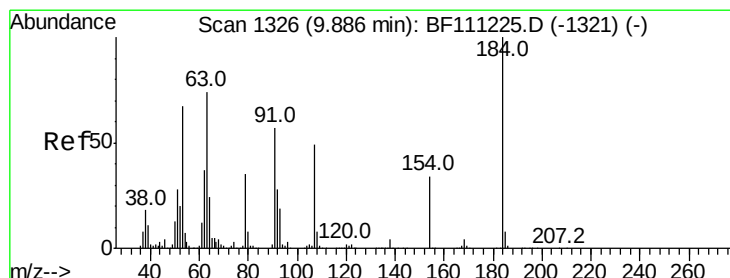
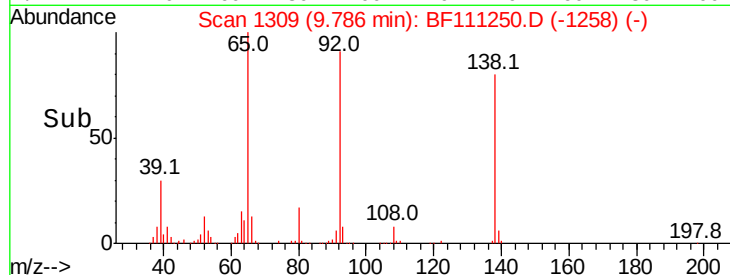
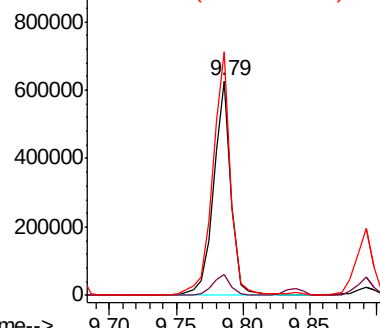


Abundance

Ion 138.00 (137.70 to 138.70): E

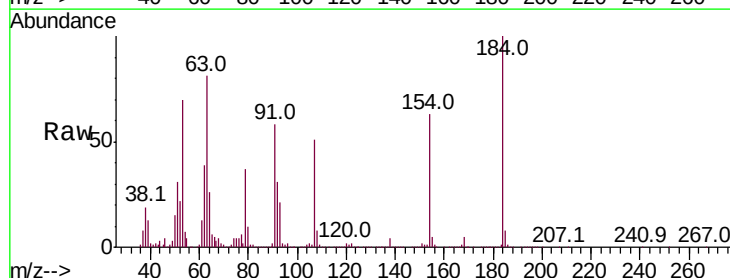
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.163 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.4	62.3	93.5	
154	63.4	56.2	84.2	

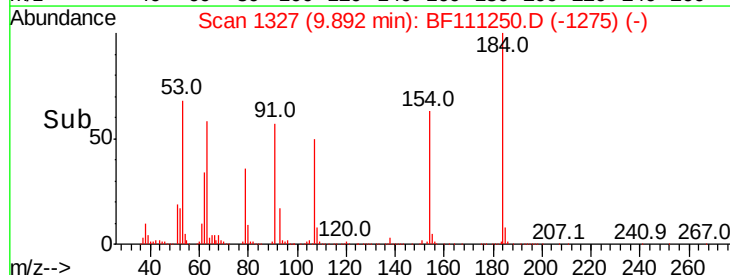
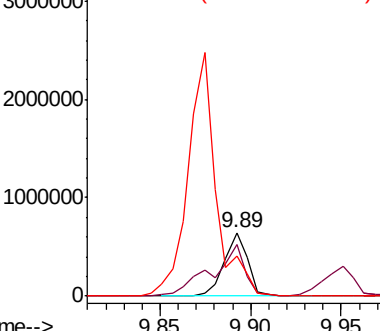


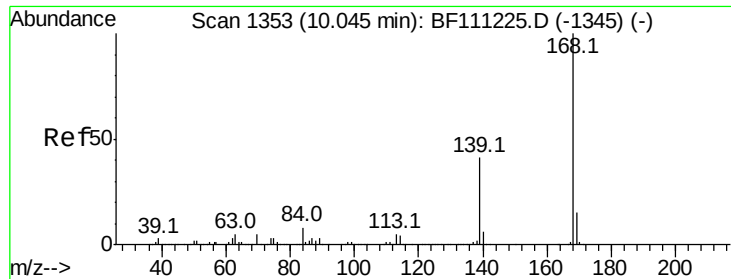
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





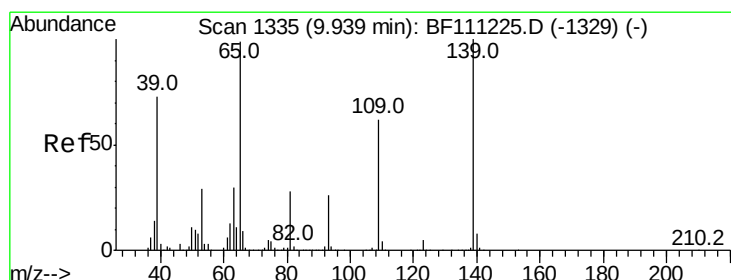
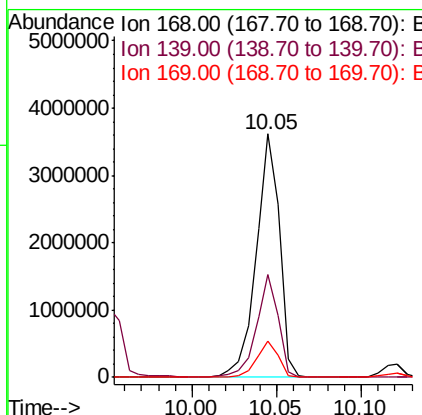
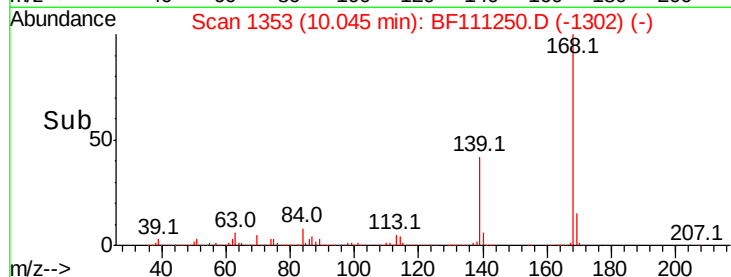
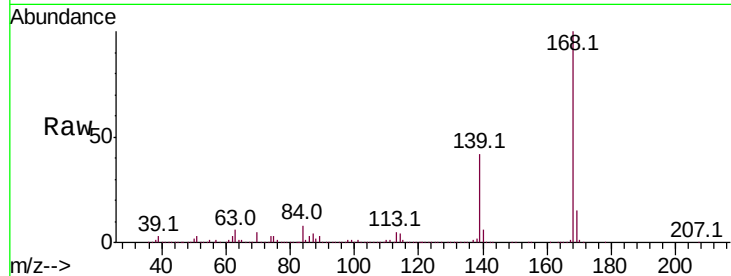
#55
Dibenzofuran
Concen: 44.051 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion:168 Resp: 3473160
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 14.9 11.8 17.6

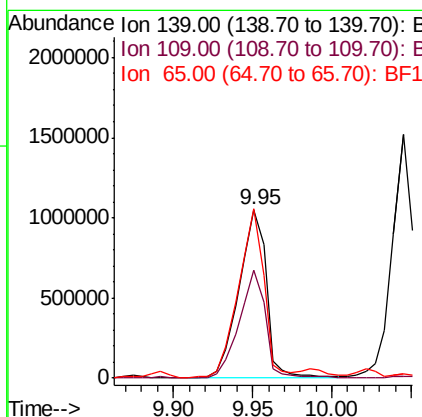
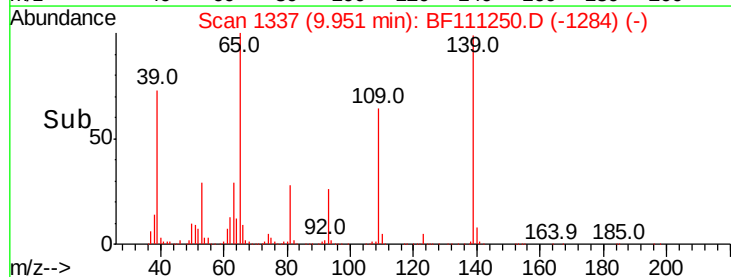
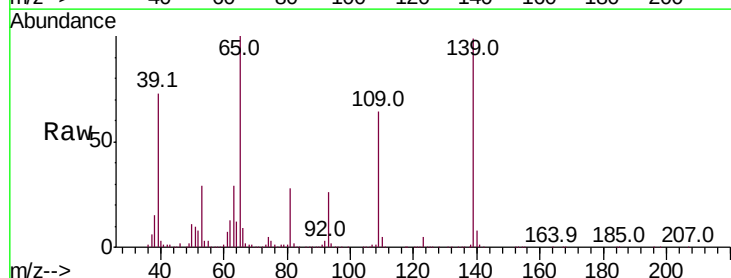
Manual Integrations
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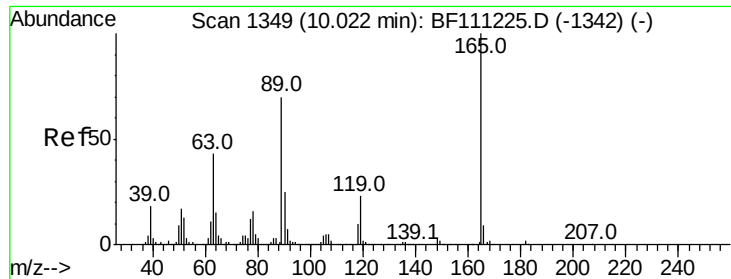
Sohil
12/11/2018 2:23:34 PM



#56
4-Nitrophenol
Concen: 82.515 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:139 Resp: 1256664
Ion Ratio Lower Upper
139 100
109 64.2 41.8 81.8
65 100.8 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 46.916 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:165 Resp: 916269

Ion Ratio Lower Upper

165 100

63 50.4 34.6 52.0

89 77.3 56.2 84.4

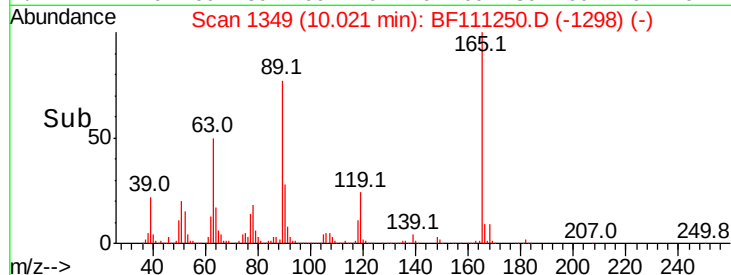
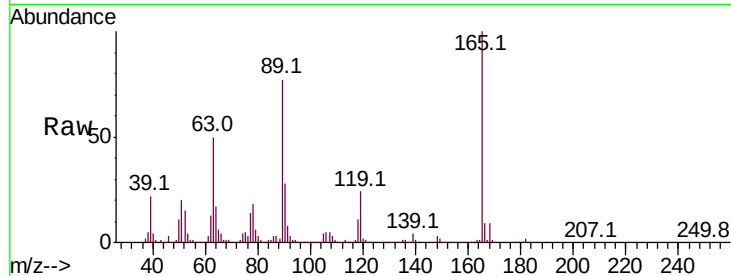
182 2.4 1.8 2.6

Manual Integrations

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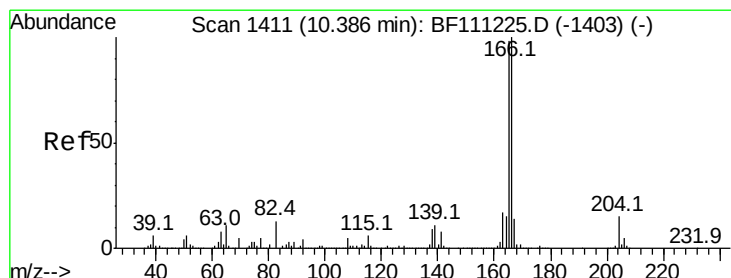
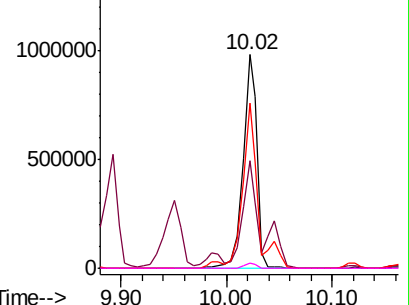


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.094 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

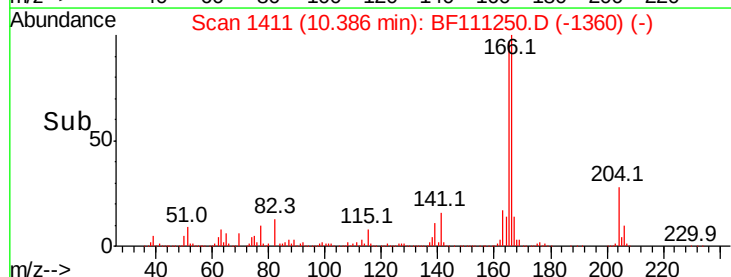
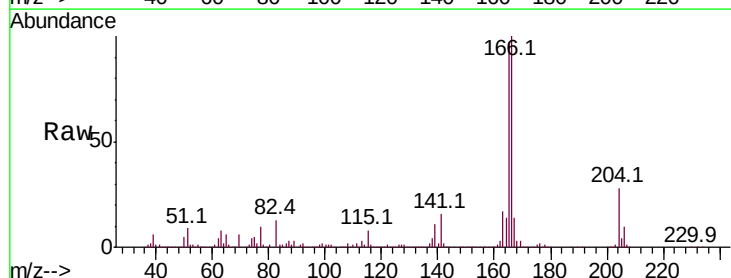
Tgt Ion:166 Resp: 2568291

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

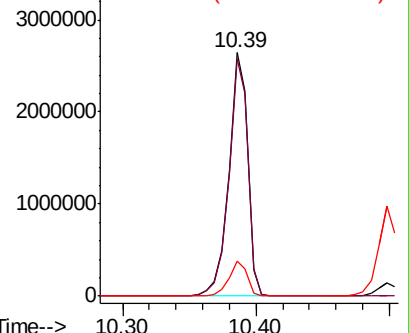
167 14.4 11.2 16.8

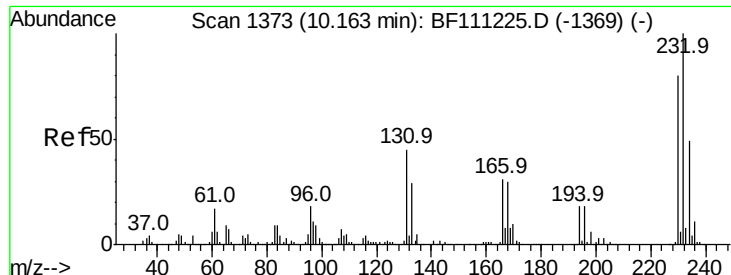


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





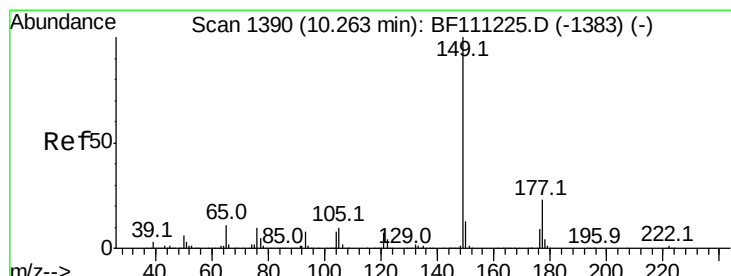
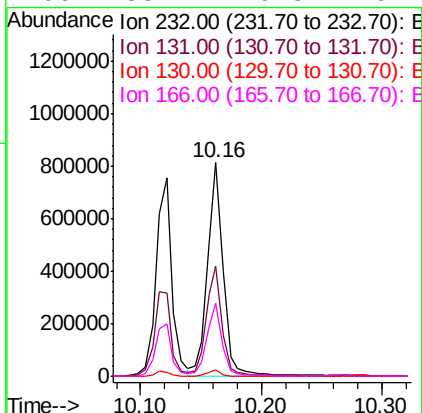
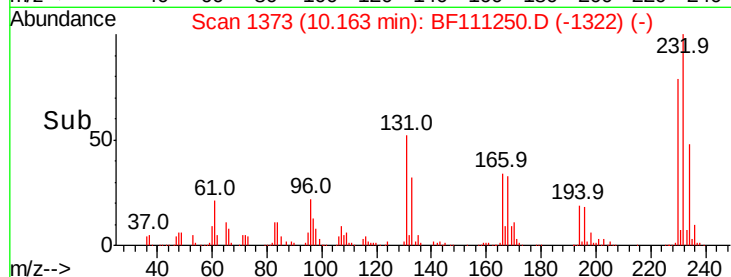
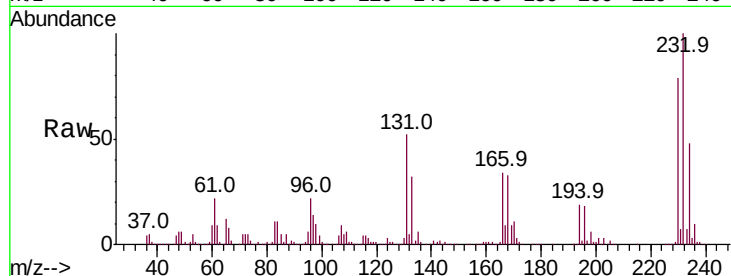
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.419 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.7	40.9	61.3
130	2.4	2.0	3.0
166	33.4	26.8	40.2

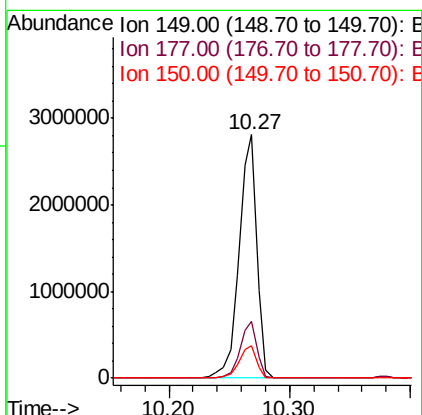
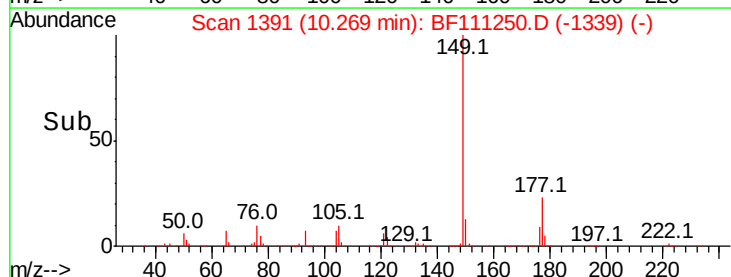
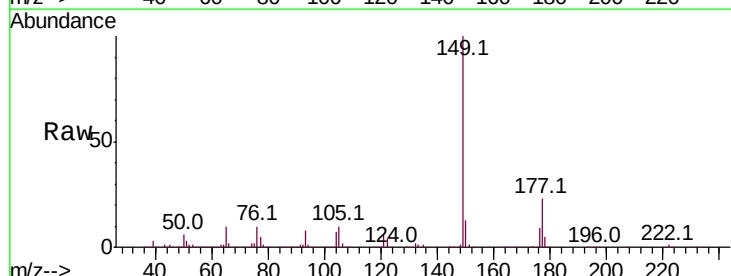
Manual Integrations
APPROVED

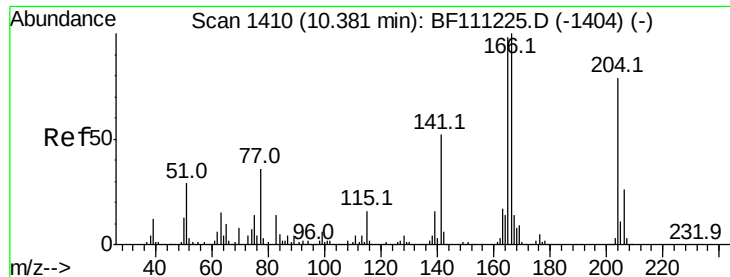
Sohil
12/11/2018 2:23:34 PM



#60
Diethylphthalate
Concen: 41.948 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	13.3	10.6	15.8





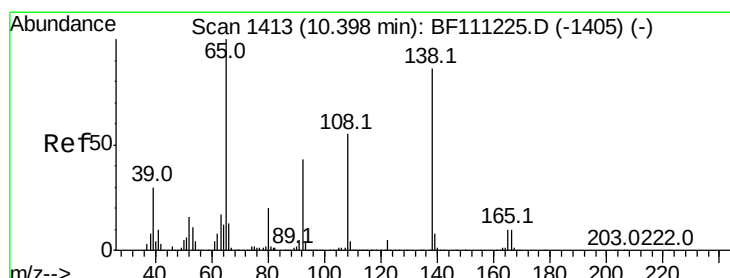
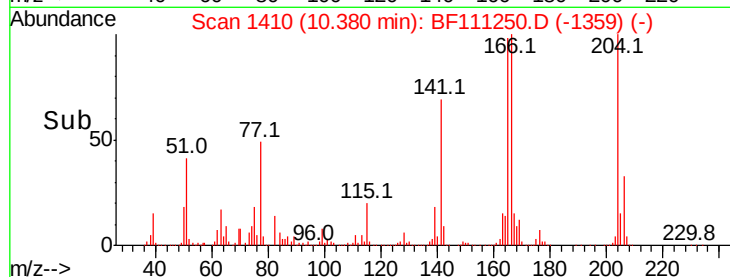
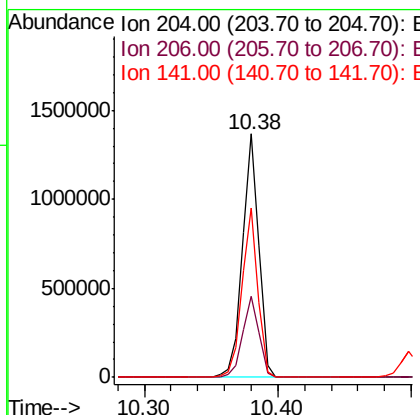
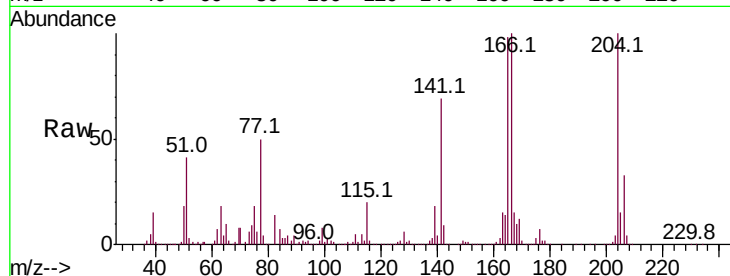
#61
4-Chlorophenyl-phenylether
Concen: 38.342 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	69.6	52.6	78.8

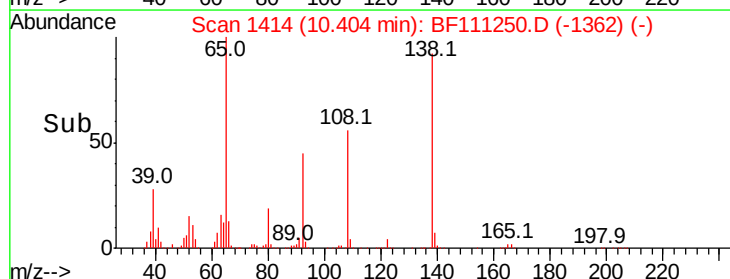
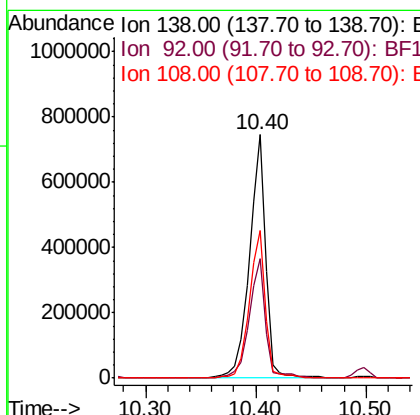
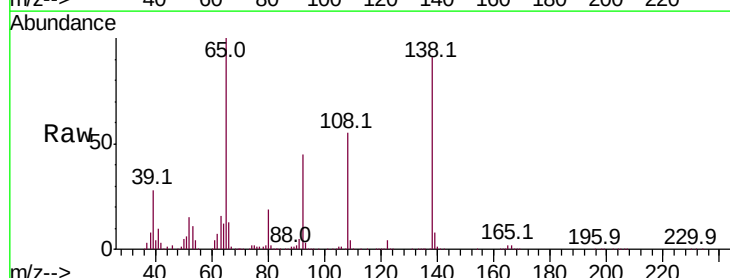
Manual Integrations
APPROVED

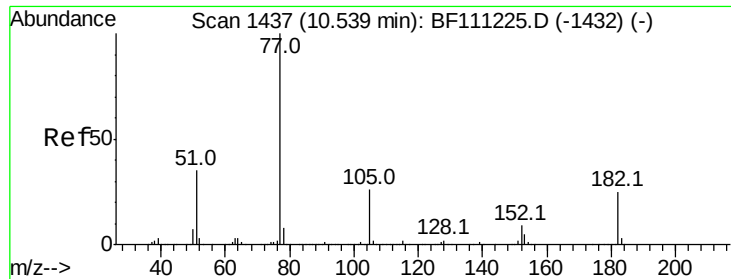
Sohil
12/11/2018 2:23:34 PM



#62
4-Nitroaniline
Concen: 41.713 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.9	69.9
108	60.8	43.2	83.2





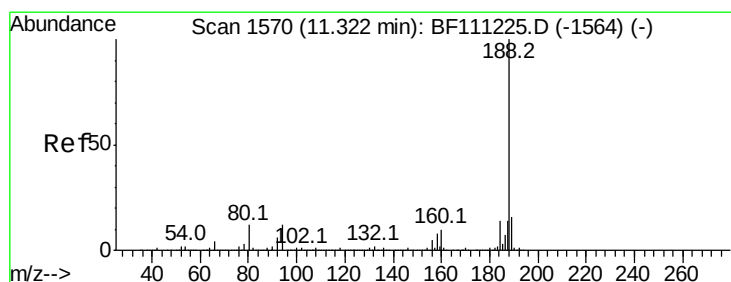
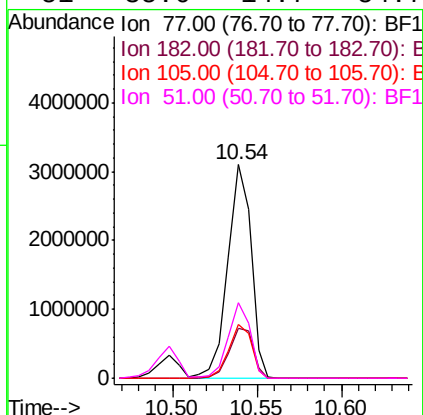
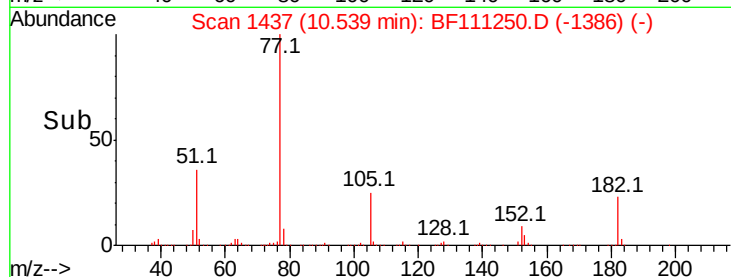
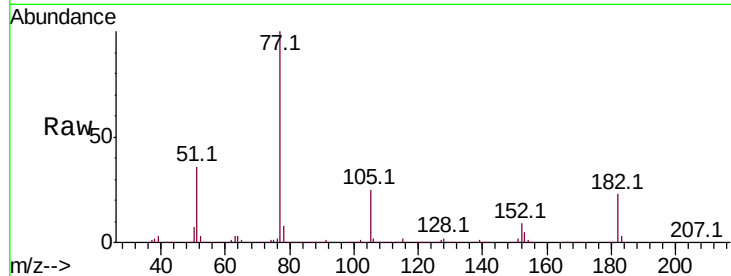
#63
Azobenzene
Concen: 41.895 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.9	44.9
105	25.0	6.0	46.0
51	35.6	14.7	54.7

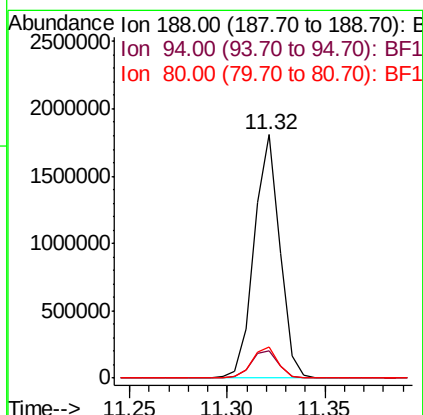
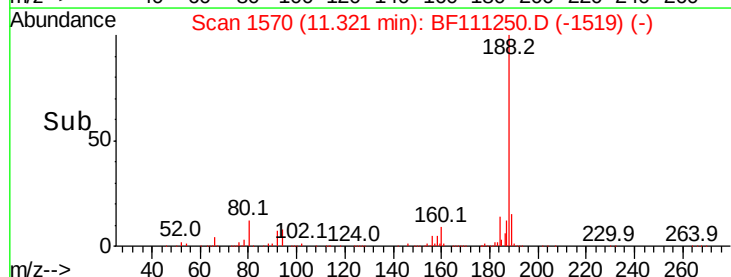
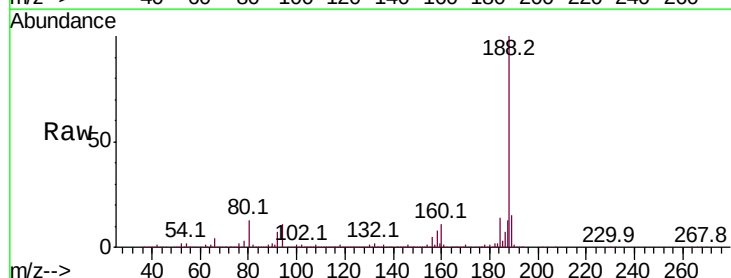
Manual Integrations
APPROVED

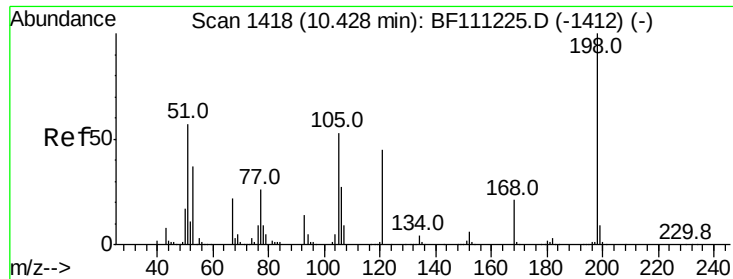
Sohil
12/11/2018 2:23:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.6	14.4
80	12.7	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 40.705 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

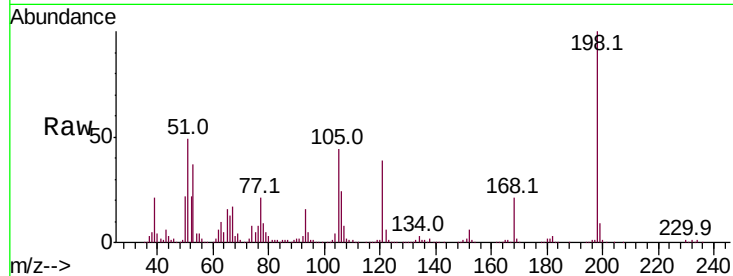
ClientSampled :

PB115431BS

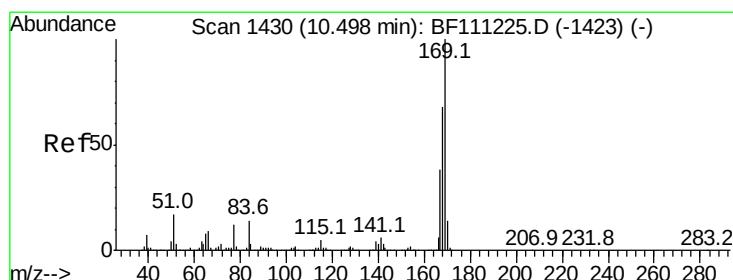
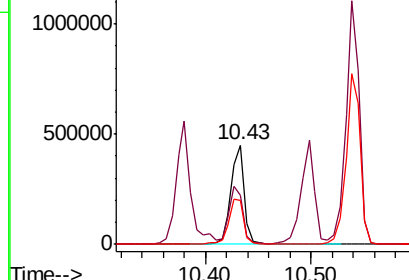
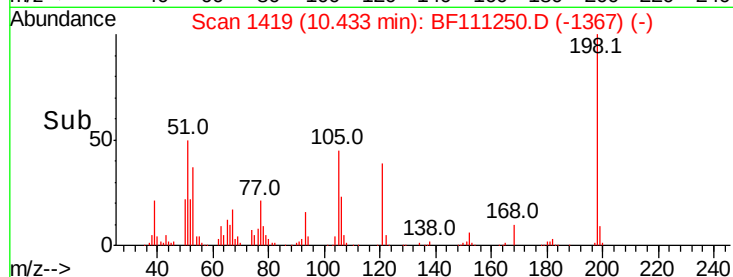
Tot Ion:	198	Resp:	393226
Ion Ratio	Lower	Upper	
198	100		
51	49.4	48.0	88.0
105	44.4	34.0	74.0

Manual Integrations
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12/11/2018 2:23:34 PM



Abundance Ion 198.00 (197.70 to 198.70): E
1500000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.296 ng

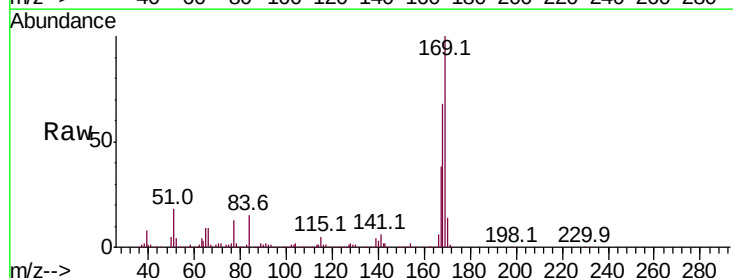
RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

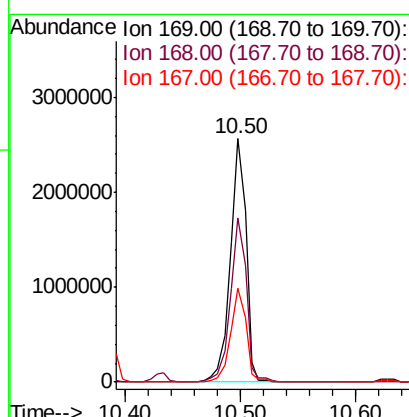
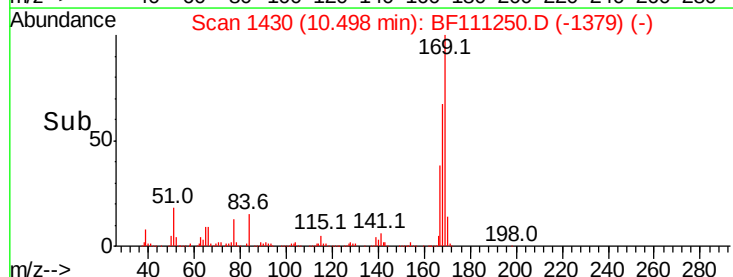
Lab File: BF111250.D

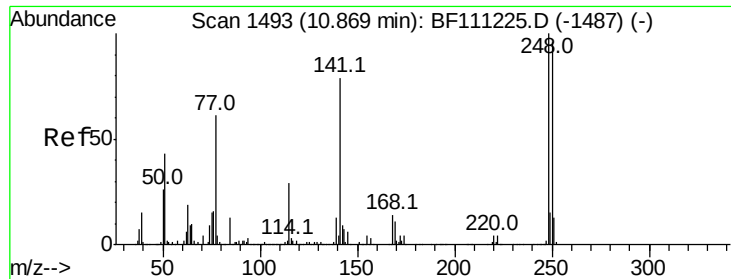
Acq: 10 Dec 2018 18:57

Tgt Ion:	169	Resp:	2414066
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.4	81.6
167	38.3	30.5	45.7



Abundance Ion 169.00 (168.70 to 169.70): E
3000000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





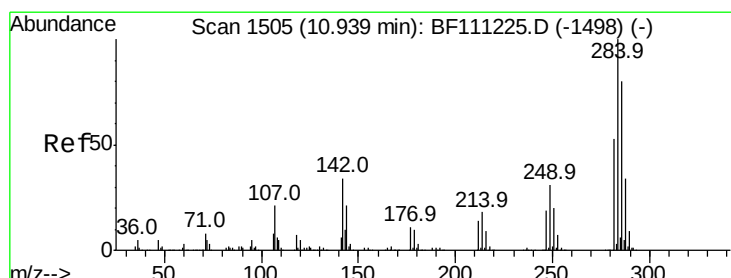
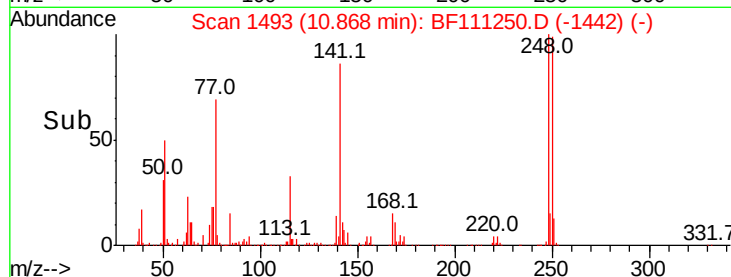
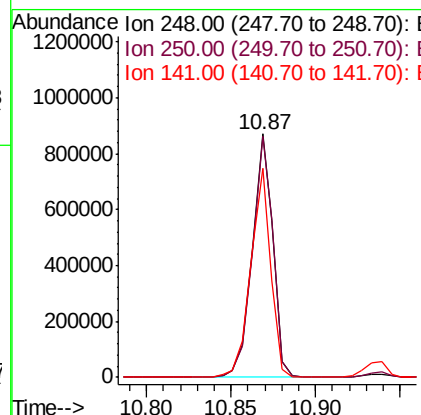
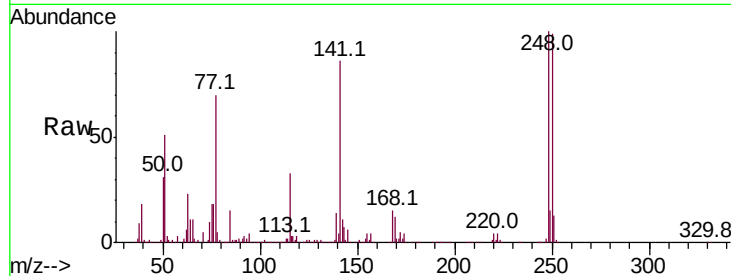
#67
4-Bromophenyl-phenylether
Concen: 41.586 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.0	115.4
141	85.8	63.0	94.6

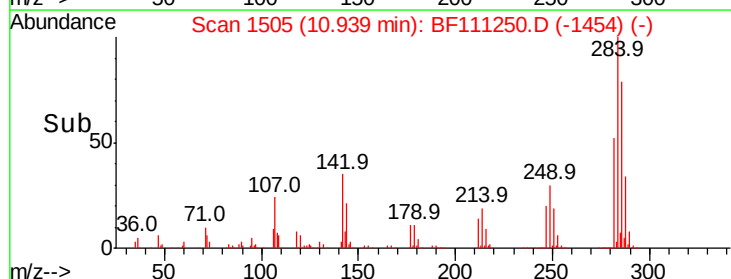
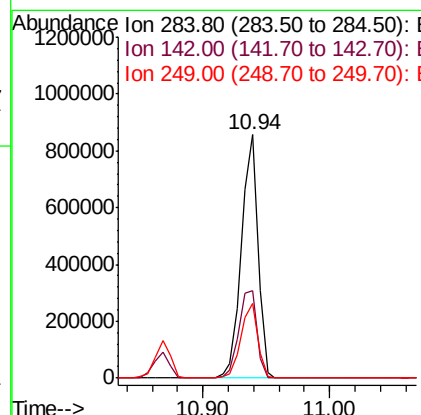
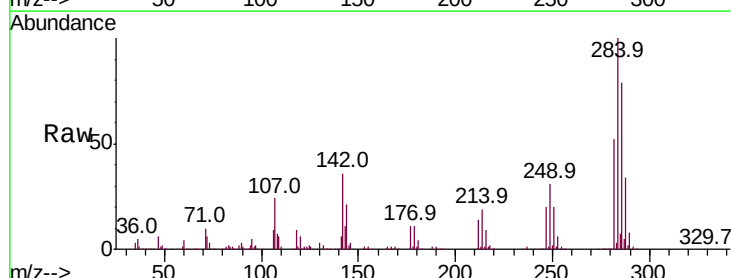
Manual Integrations
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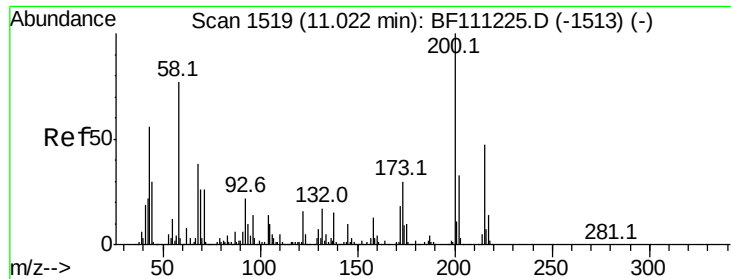
Sohil
12/11/2018 2:23:34 PM



#68
Hexachlorobenzene
Concen: 41.912 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	27.4	41.2
249	30.6	24.4	36.6





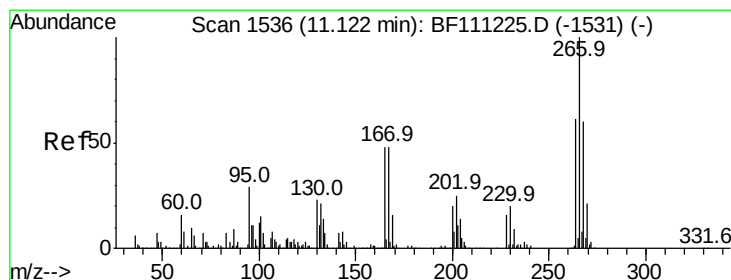
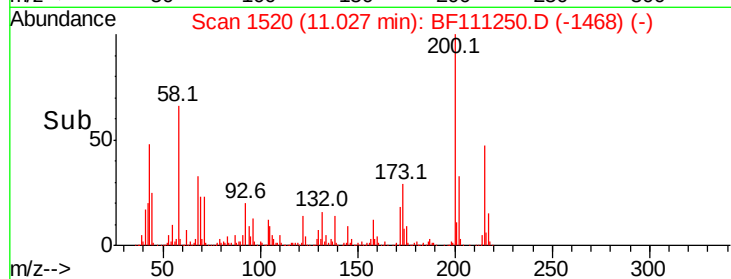
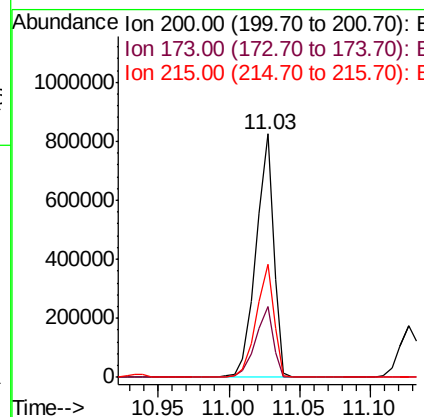
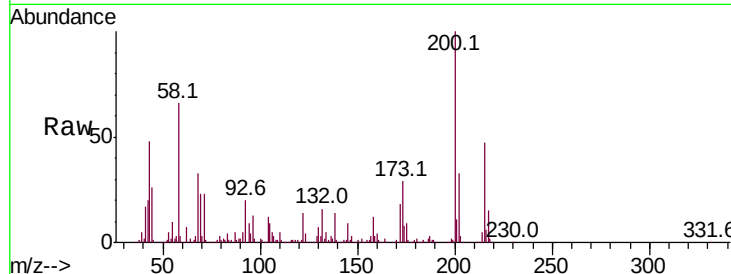
#69
 Atrazine
 Concen: 43.253 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion:	200	Resp:	733380
Ion Ratio	Lower	Upper	
200	100		
173	29.0	10.1	50.1
215	46.7	26.9	66.9

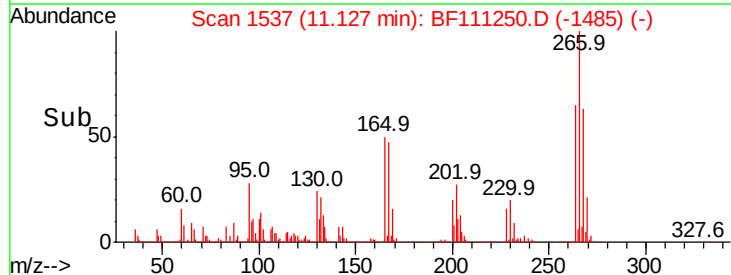
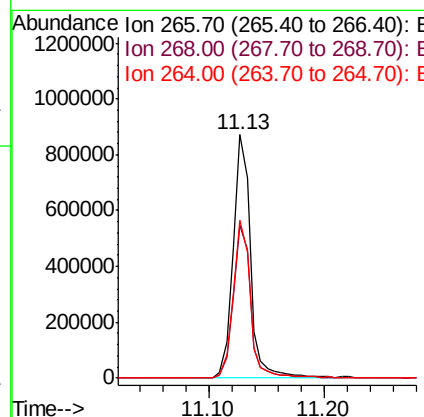
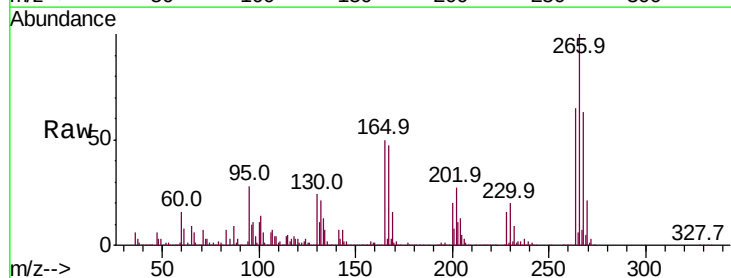
Manual Integrations
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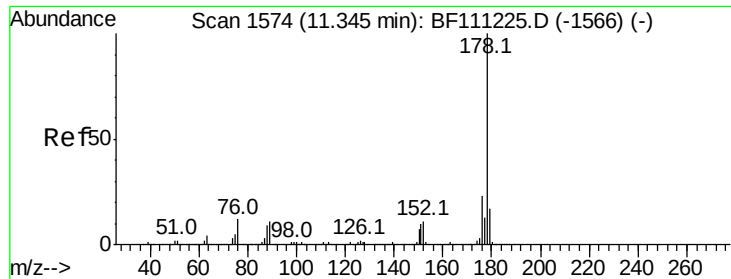
Sohil
 12/11/2018 2:23:34 PM



#70
 Pentachlorophenol
 Concen: 68.964 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:	266	Resp:	913044
Ion Ratio	Lower	Upper	
266	100		
268	62.5	47.9	71.9
264	64.6	49.1	73.7





#71

Phenanthrene

Concen: 43.511 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:178 Resp: 3594814

Ion Ratio Lower Upper

178 100

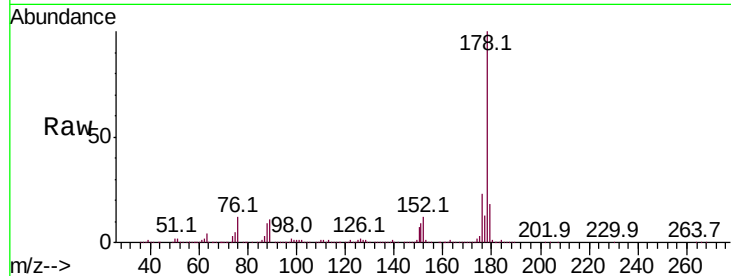
176 22.5 18.1 27.1

179 17.8 14.0 21.0

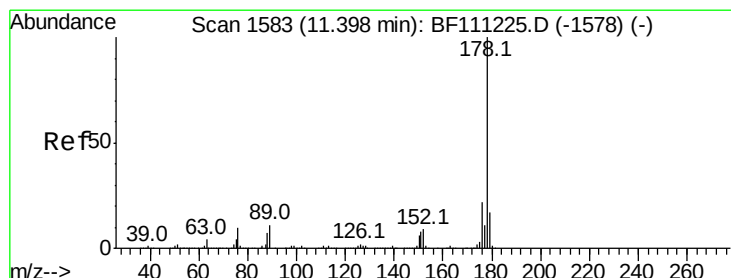
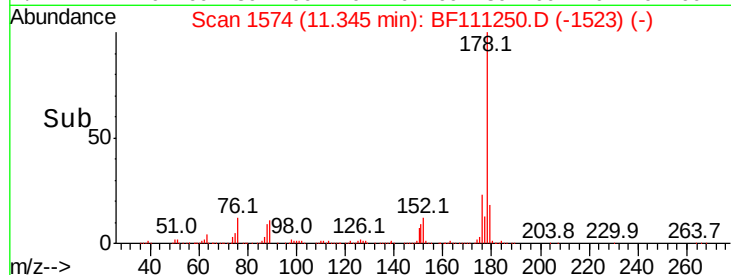
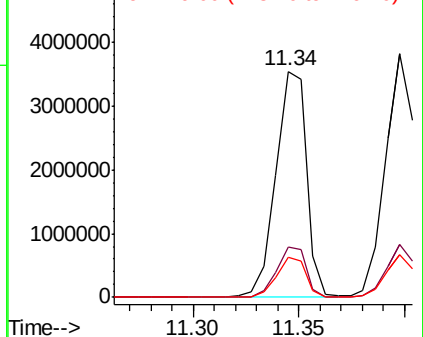
Manual Integrations
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12/11/2018 2:23:34 PM



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: 42.471 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion:178 Resp: 3671026

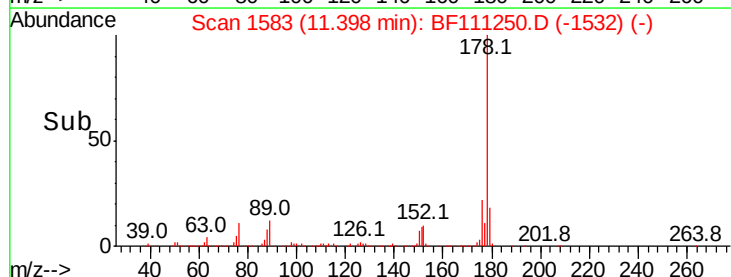
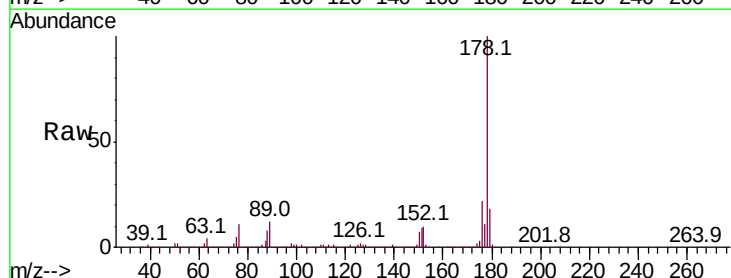
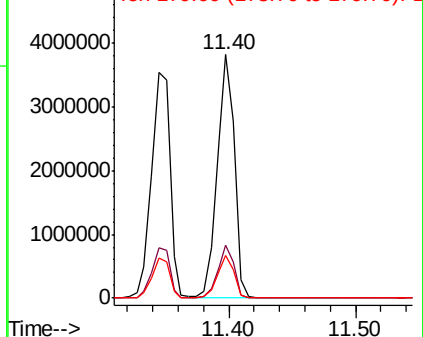
Ion Ratio Lower Upper

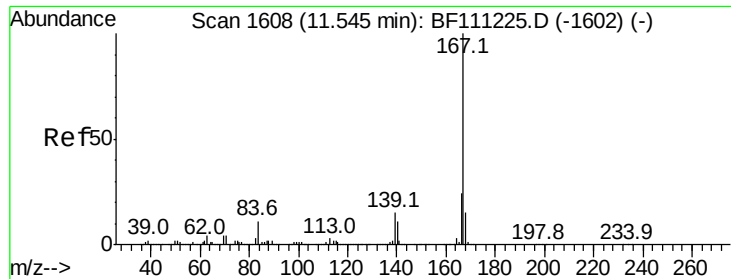
178 100

176 21.6 17.2 25.8

179 17.6 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





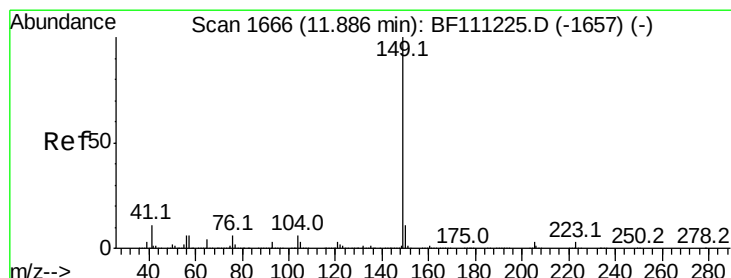
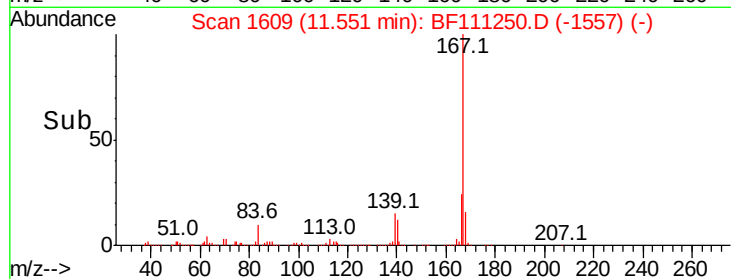
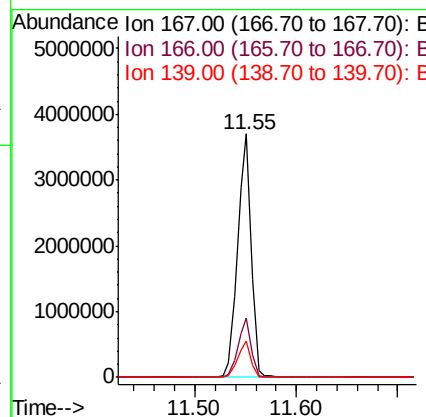
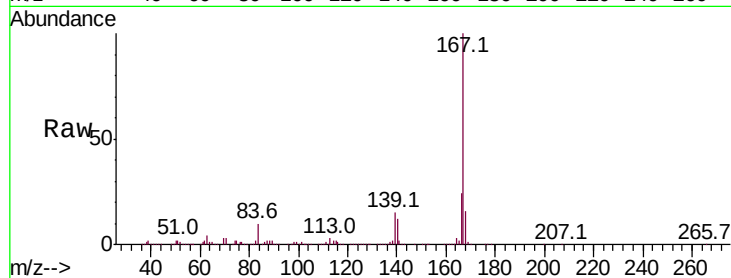
#73
 Carbazole
 Concen: 38.321 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.3	28.9
139	15.0	11.9	17.9

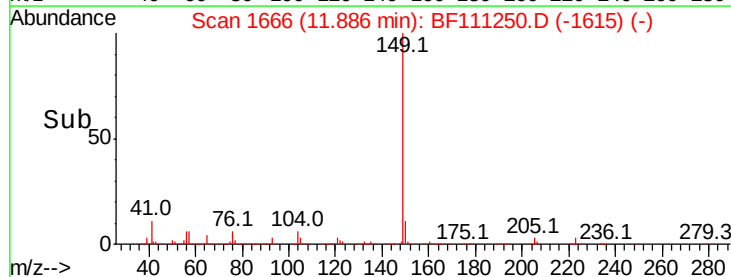
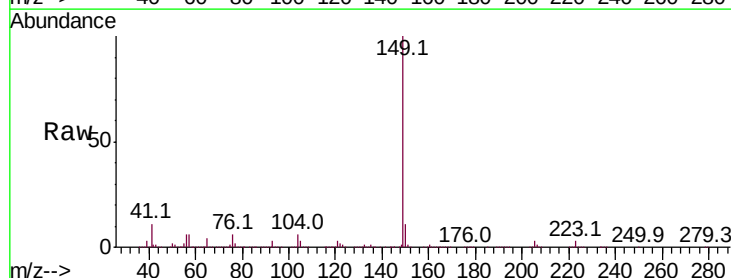
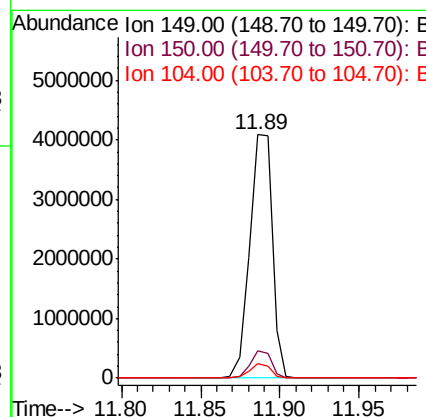
Manual Integrations
 APPROVED

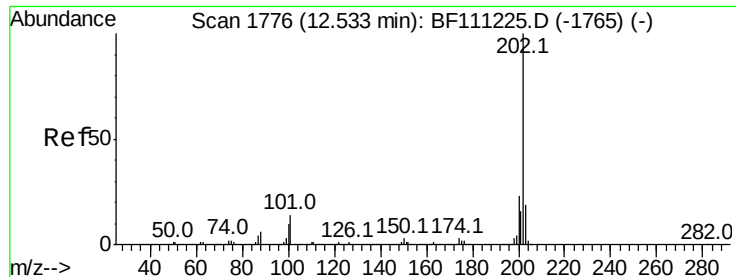
Sohil
 12/11/2018 2:23:34 PM



#74
 Di-n-butylphthalate
 Concen: 43.473 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.8	13.2
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 47.273 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

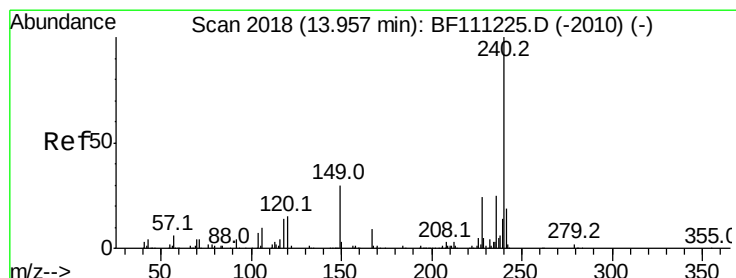
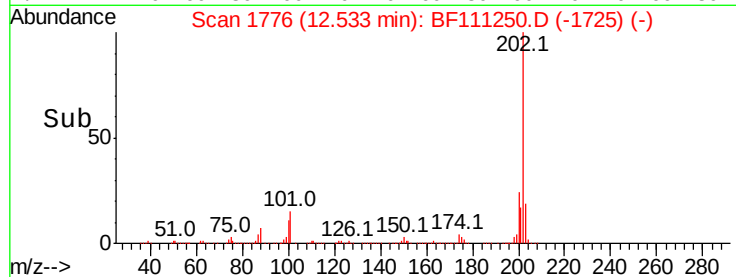
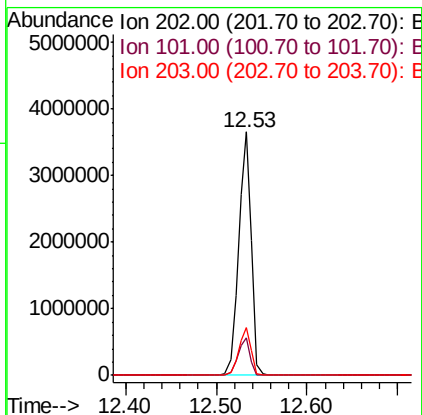
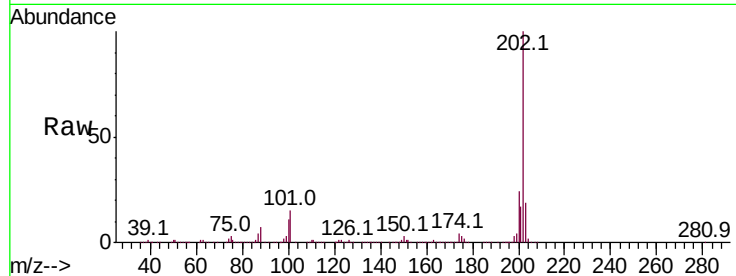
ClientSampled :

PB115431BS

Tot Ion:	202	Resp:	3567744
Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.8
203	19.4	0.0	38.6

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12/11/2018 2:23:34 PM



#76

Chrysene-d12

Concen: 20.000 ng

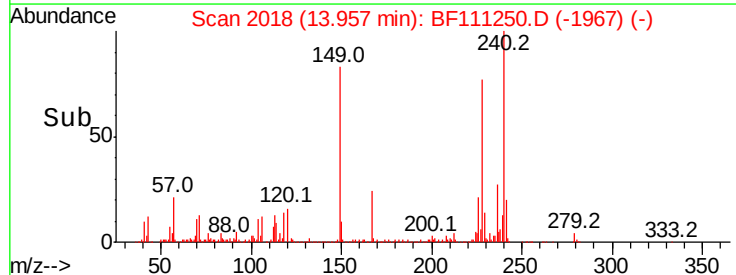
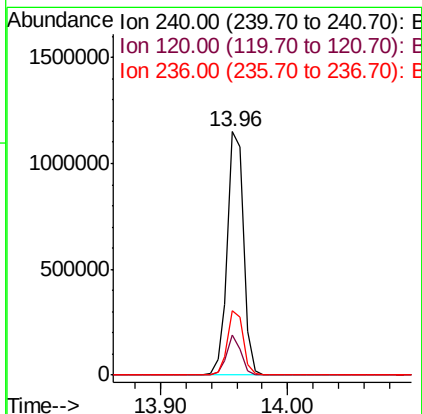
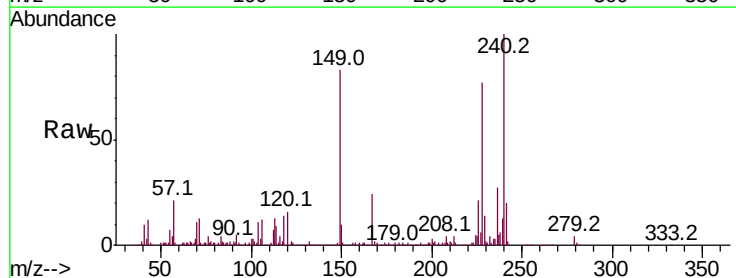
RT: 13.96 min Scan# 2018

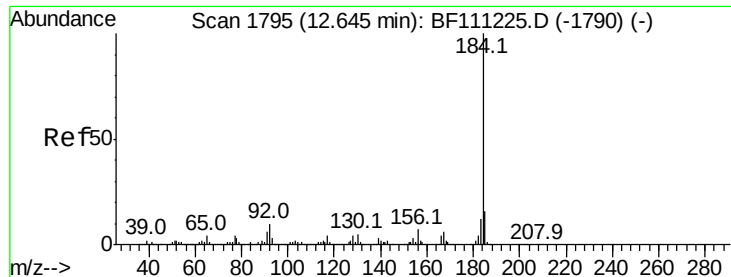
Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion:	240	Resp:	1020077
Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.2	18.2
236	26.7	20.2	30.2





#77

Benzidine

Concen: 50.048 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:184 Resp: 1515872

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

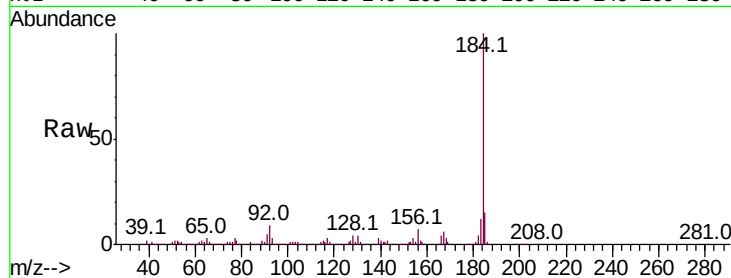
183 11.8 9.3 13.9

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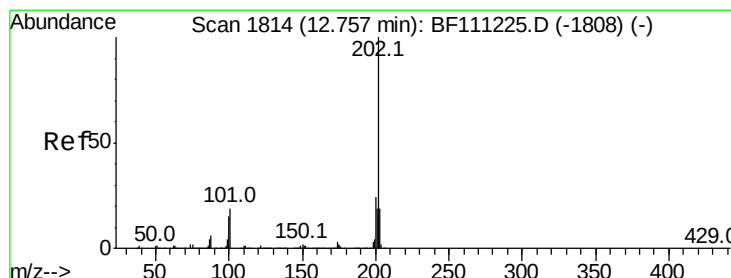
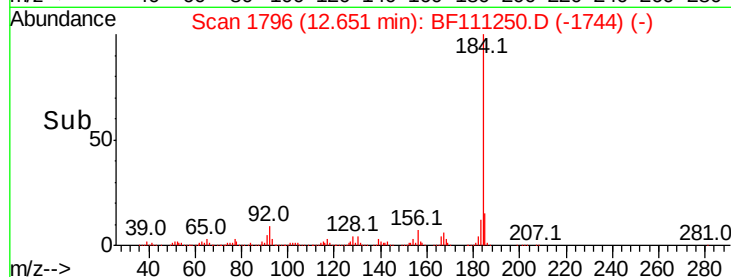
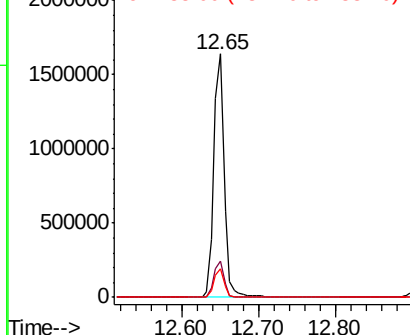


Abundance

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: 48.685 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

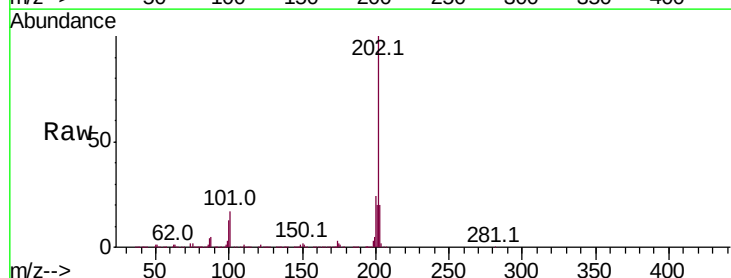
Tgt Ion:202 Resp: 3548934

Ion Ratio Lower Upper

202 100

200 24.0 19.0 28.4

203 19.6 15.2 22.8

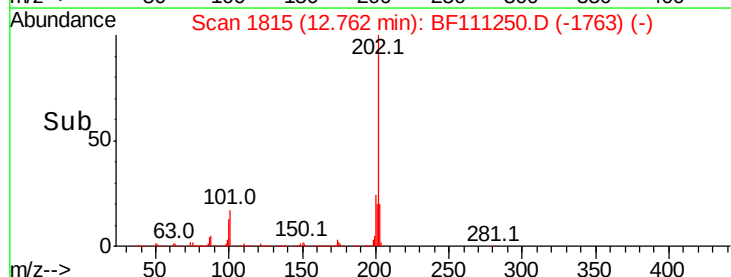
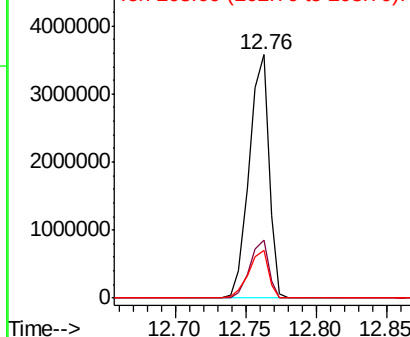


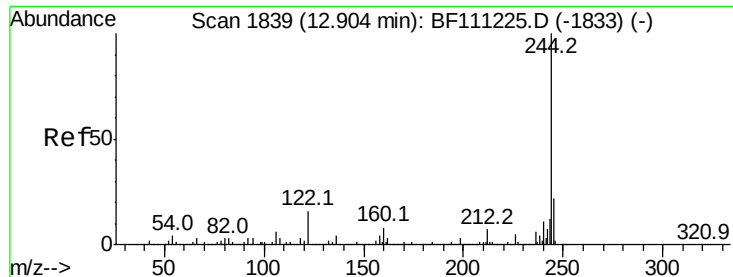
Abundance

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





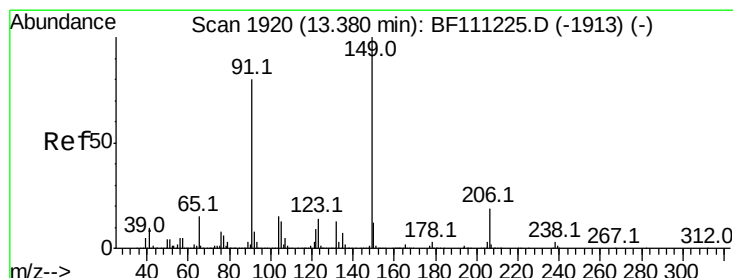
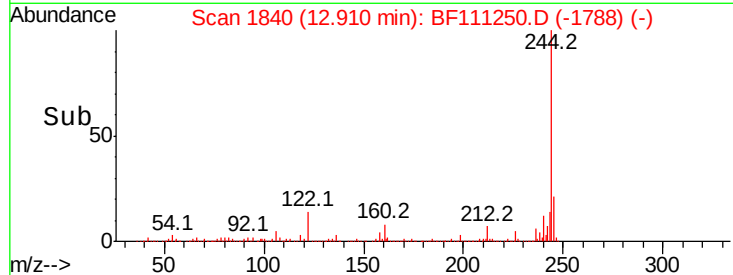
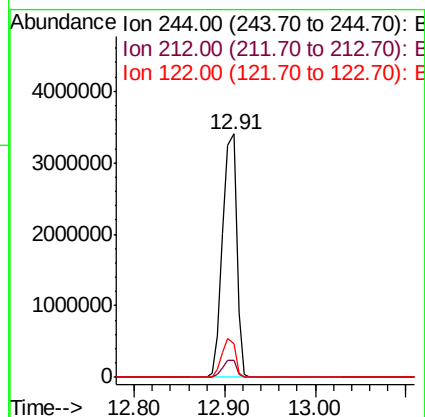
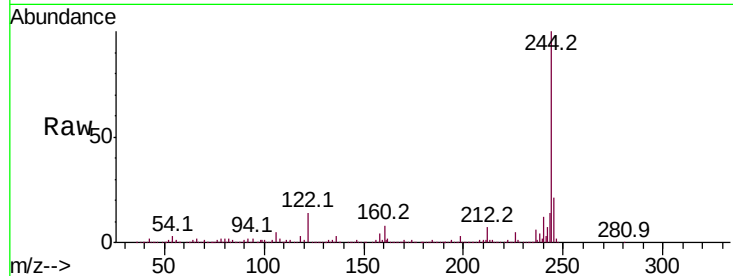
#79
 Terphenyl-d14
 Concen: 85.397 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion:244 Resp: 3631709
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 13.9 13.1 19.7

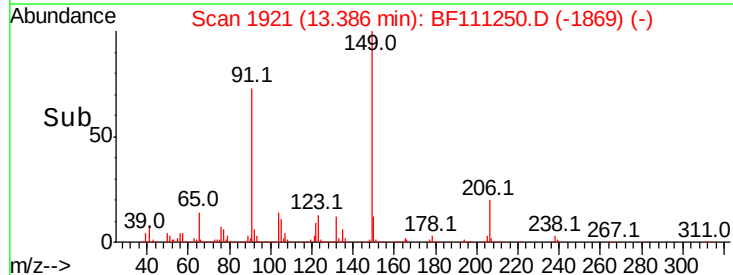
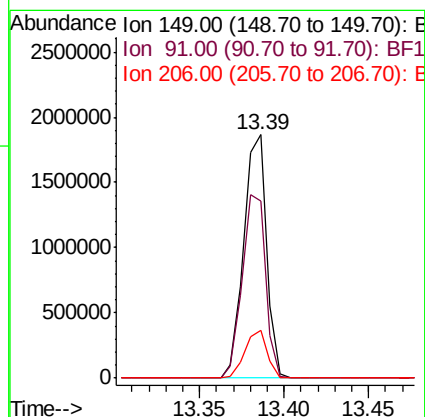
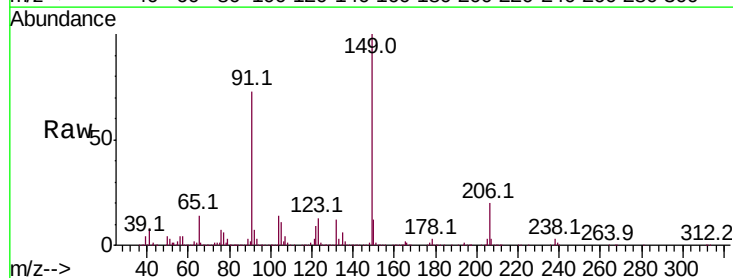
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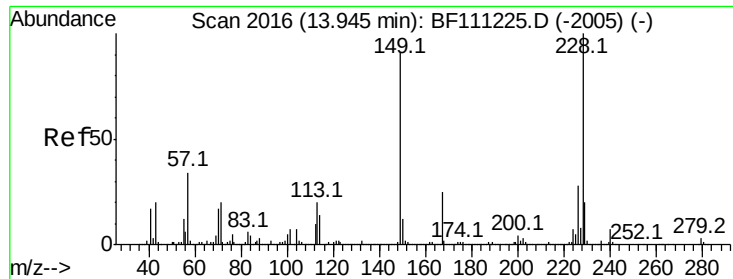
Sohil
 12/11/2018 2:23:34 PM



#80
 Butylbenzylphthalate
 Concen: 46.280 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:149 Resp: 1762099
 Ion Ratio Lower Upper
 149 100
 91 72.6 63.8 95.6
 206 19.5 15.1 22.7





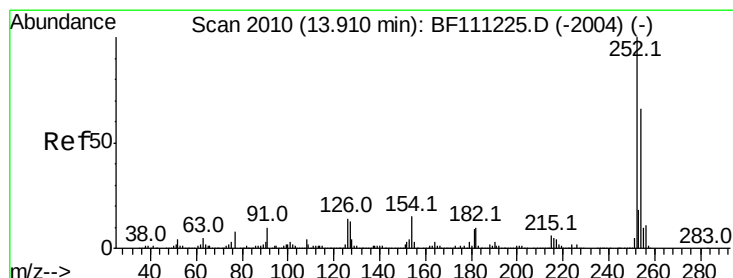
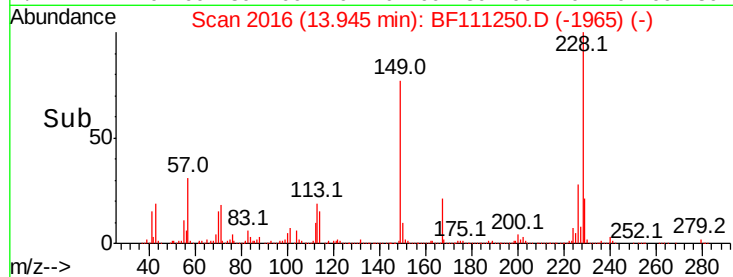
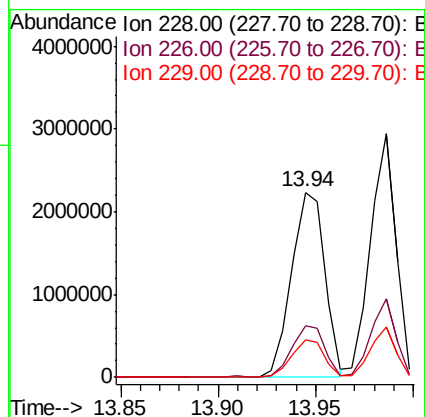
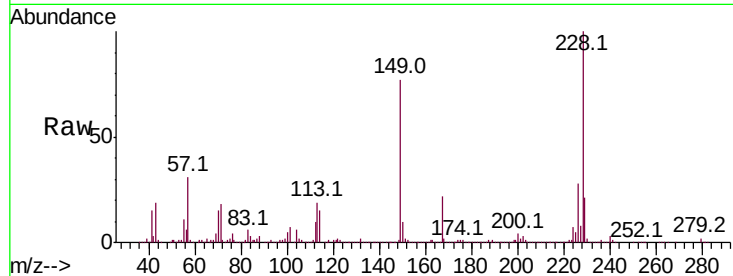
#81
Benzo(a)anthracene
Concen: 46.310 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion:228 Resp: 2635466
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.5 16.3 24.5

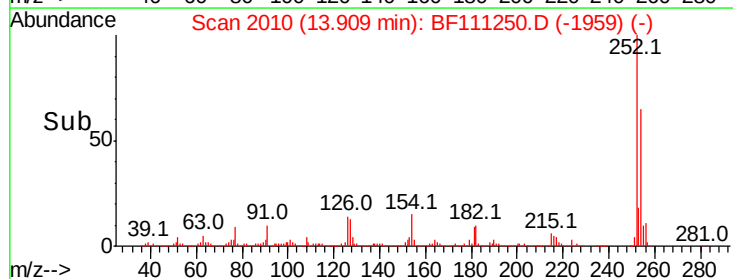
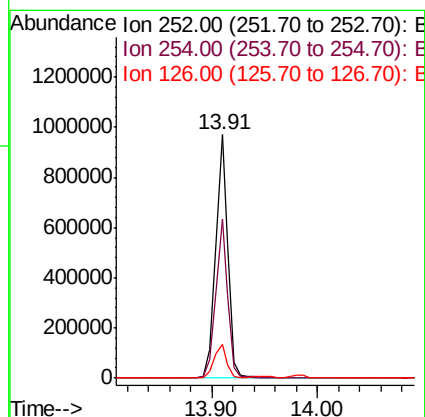
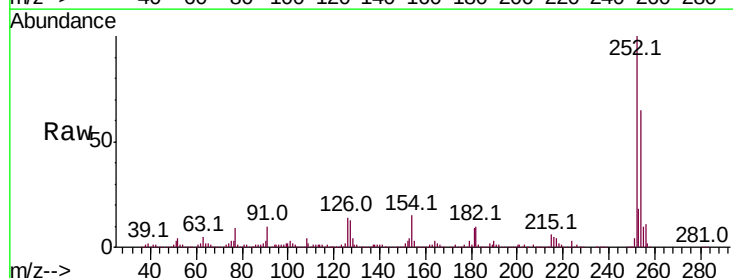
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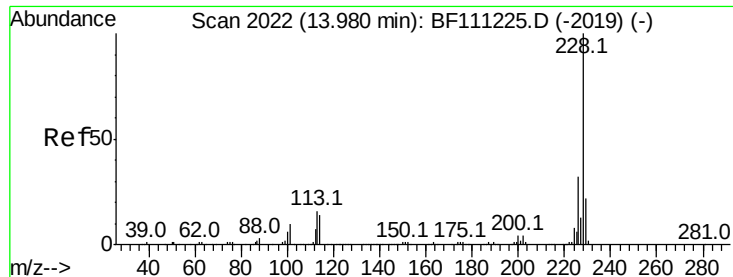
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 34.613 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion:252 Resp: 807363
Ion Ratio Lower Upper
252 100
254 65.2 52.7 79.1
126 13.9 11.1 16.7





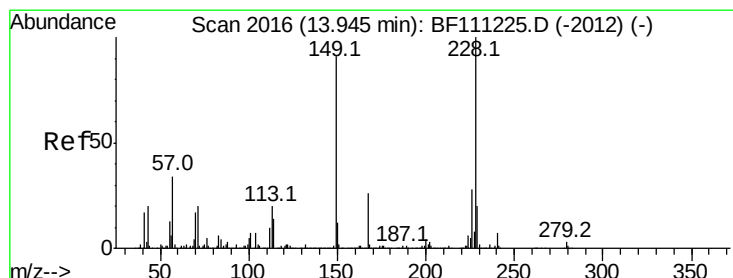
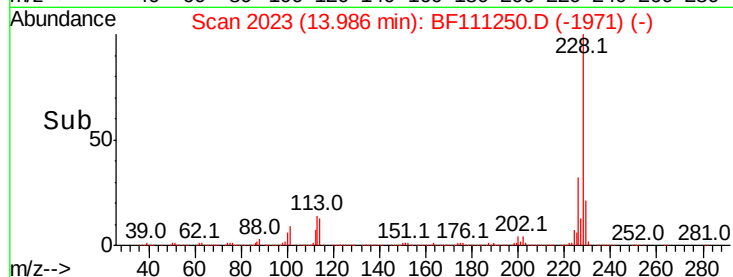
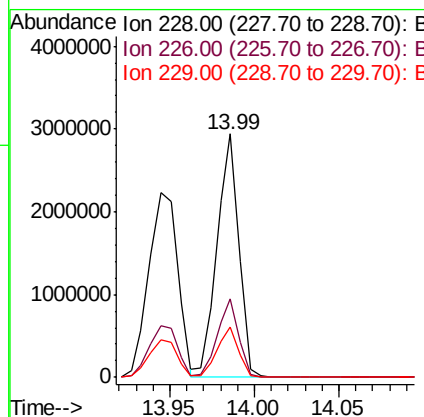
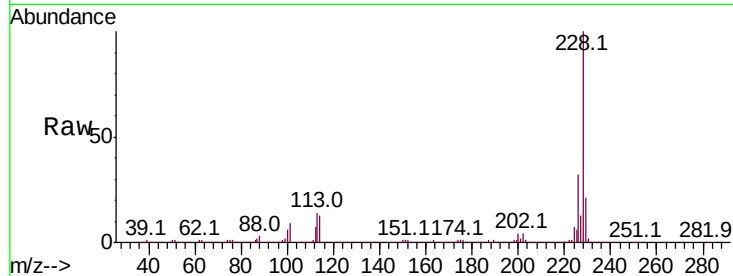
#83
 Chrysene
 Concen: 45.607 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BS

Tot Ion:228 Resp: 2675740
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.3 37.9
 229 20.9 17.2 25.8

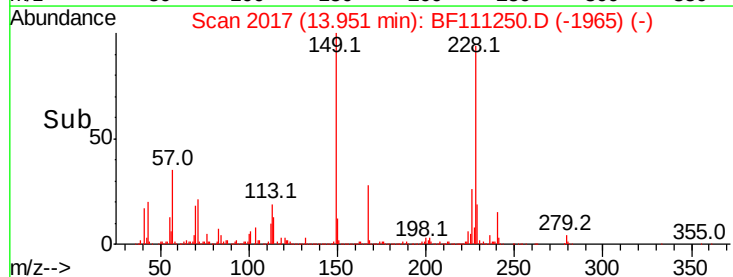
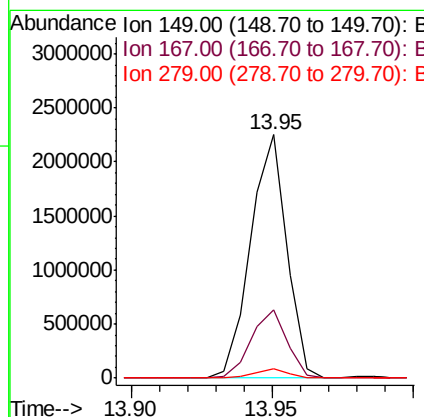
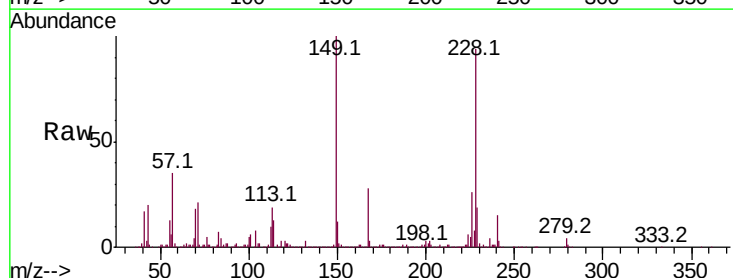
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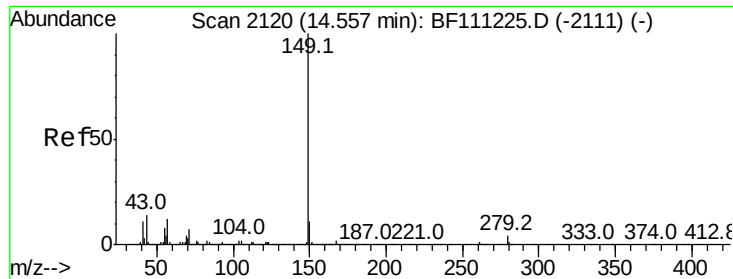
Sohil
 12/11/2018 2:23:34 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.226 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111250.D
 Acq: 10 Dec 2018 18:57

Tgt Ion:149 Resp: 2000900
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.5 33.7
 279 3.6 2.6 4.0





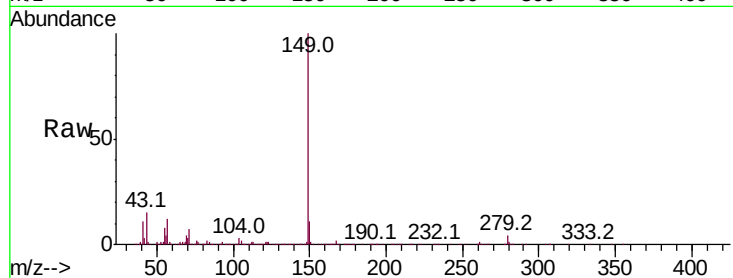
#85
Di-n-octyl phthalate
Concen: 44.390 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.3	10.9	16.3

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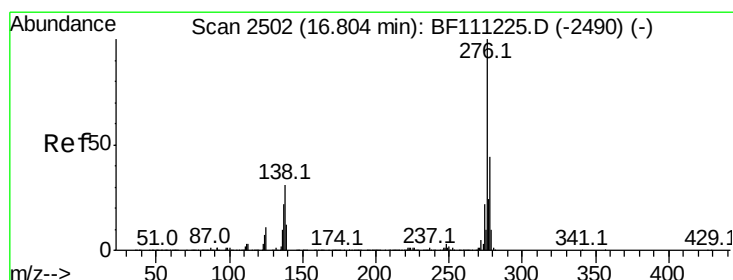
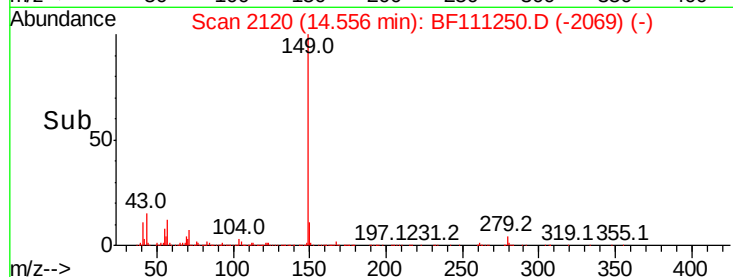
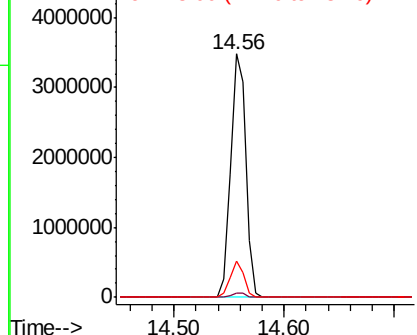


Abundance

Ion 149.00 (148.70 to 149.70): E

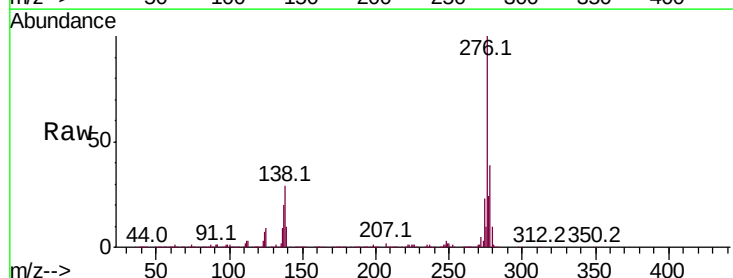
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.159 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	24.8	20.1	30.1

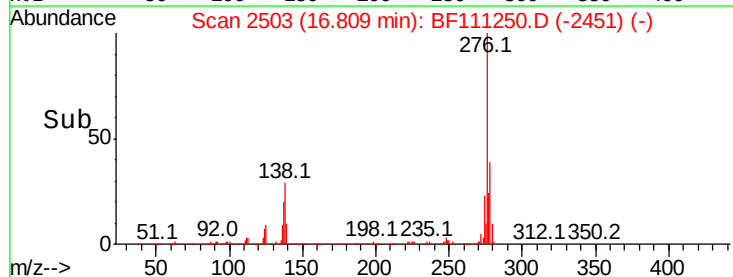
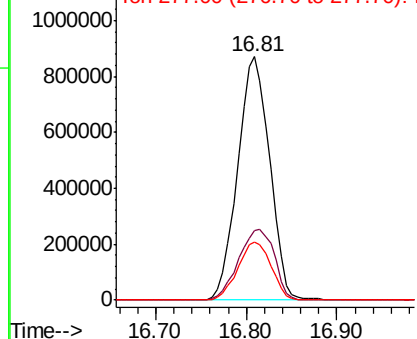


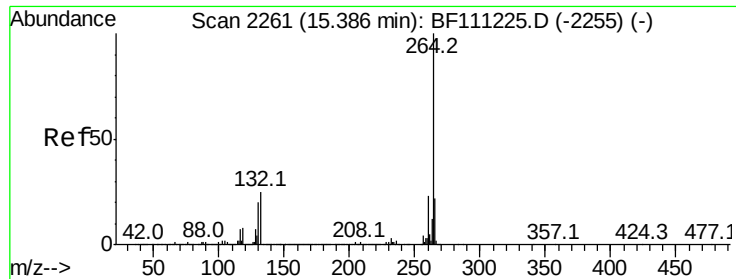
Abundance

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: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

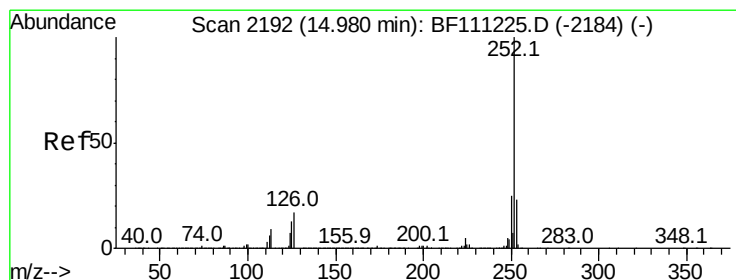
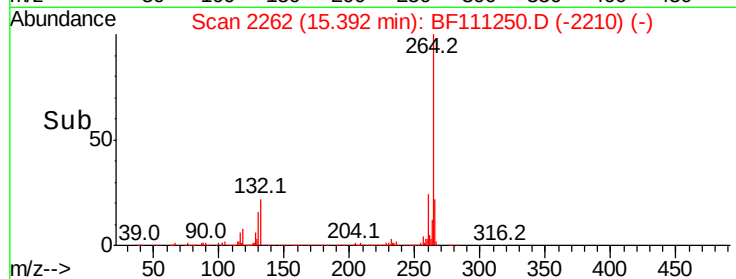
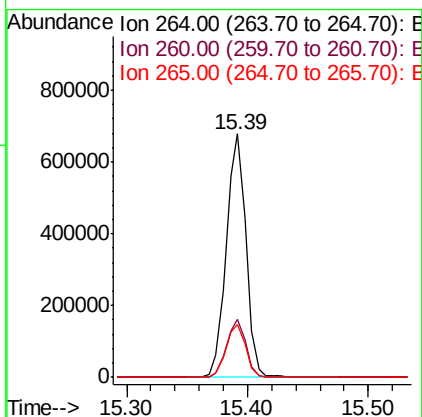
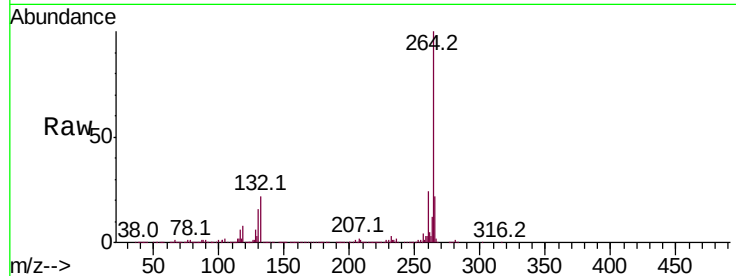
ClientSampleId :

PB115431BS

Tot Ion:	264	Resp:	765166
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	21.8	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 50.533 ng

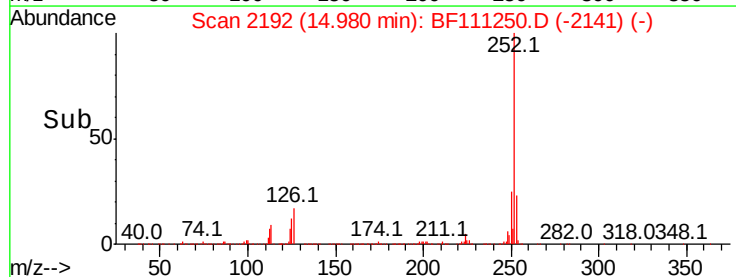
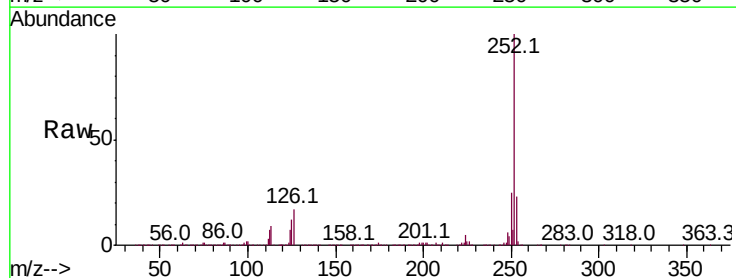
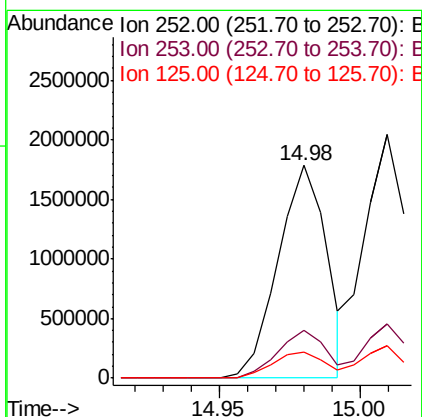
RT: 14.98 min Scan# 2192

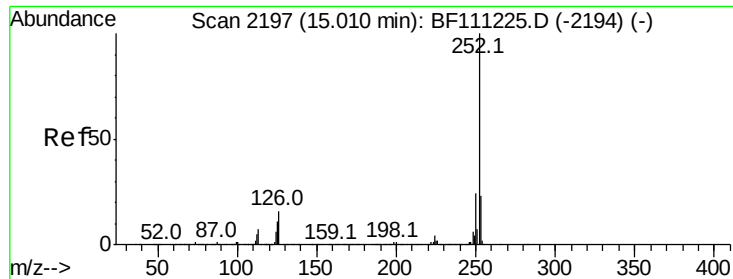
Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Tgt Ion:	252	Resp:	2138337
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	12.5	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 52.834 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB115431BS

Tot Ion:252 Resp: 2101943

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

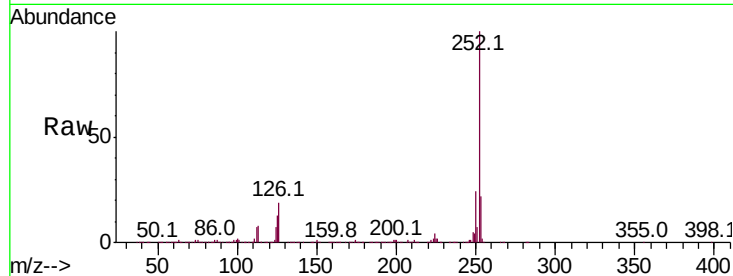
125 13.2 9.8 14.8

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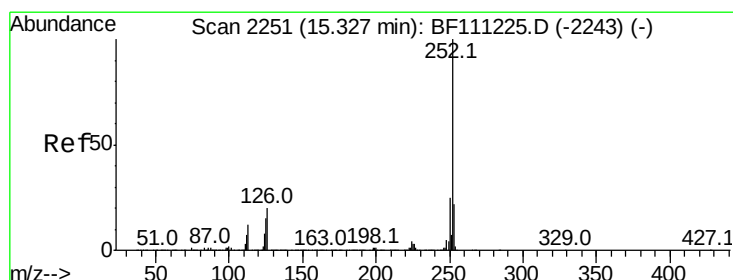
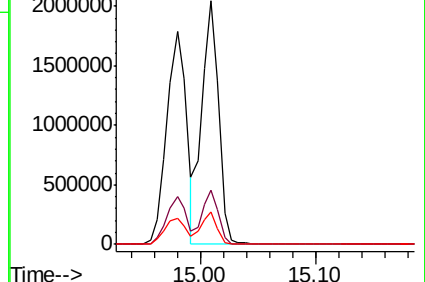
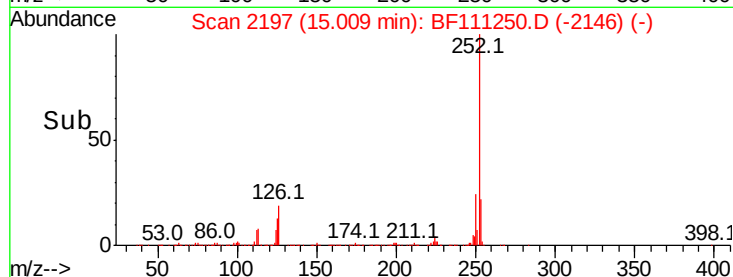
12/11/2018 2:23:34 PM



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: 51.546 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111250.D

Acq: 10 Dec 2018 18:57

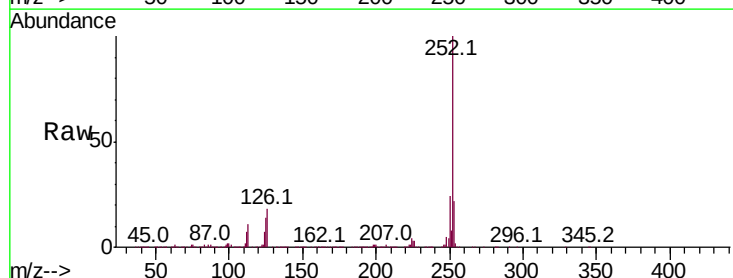
Tgt Ion:252 Resp: 2008609

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

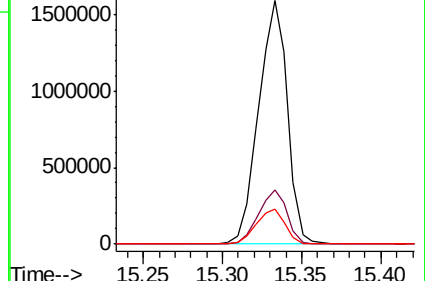
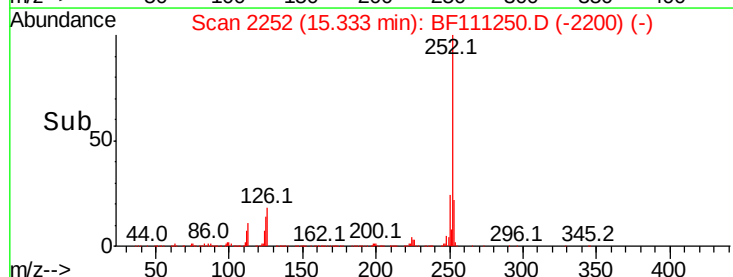
125 14.1 12.3 18.5

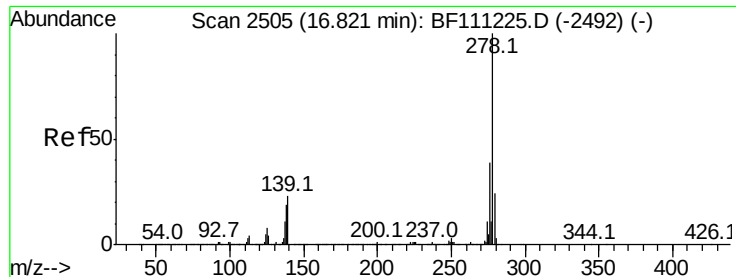


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





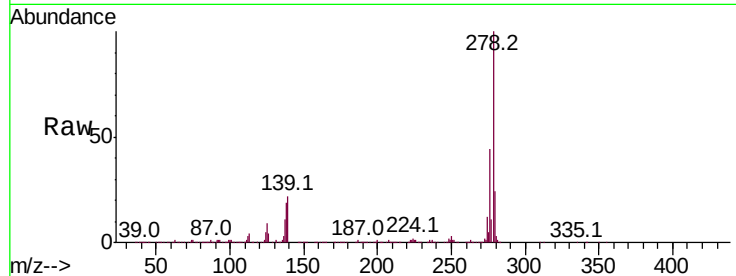
#91
Dibenzo(a,h)anthracene
Concen: 56.596 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB115431BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.2	27.4
279	24.5	19.0	28.6

Manual Integrations
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Sohil
12/11/2018 2:23:34 PM

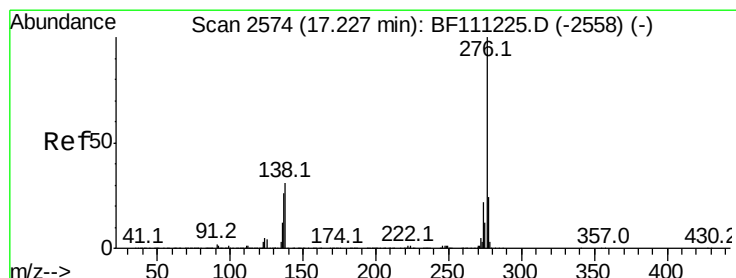
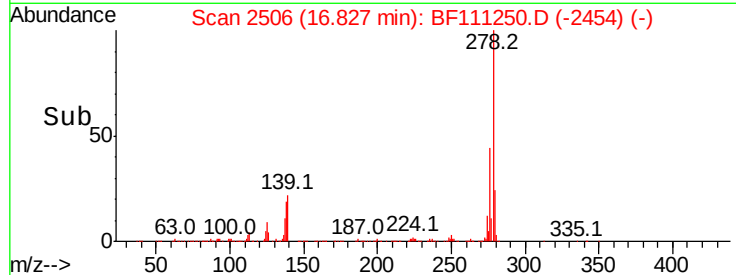
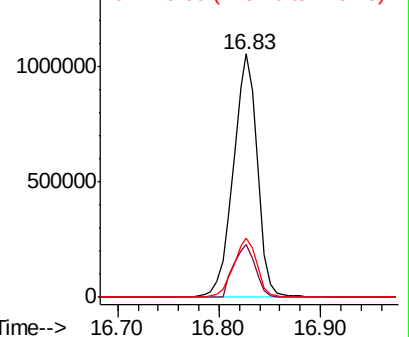


Abundance

Ion 278.00 (277.70 to 278.70): E

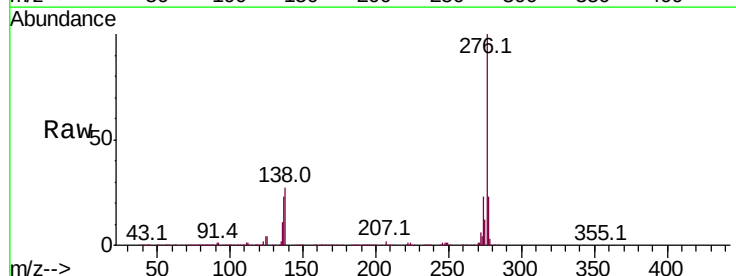
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.978 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111250.D
Acq: 10 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	26.6	24.9	37.3



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

