

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111245.D
 Acq On : 10 Dec 2018 16:39
 Operator : JU/SJ
 Sample : PB115384BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 2:23:27 PM

Quant Time: Dec 11 04:49:11 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	521640	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2152571	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1019211	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1737435	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1109707	20.00	ng	0.00
87) Perylene-d12	15.40	264	894848	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3833109	116.03	ng	0.02
7) Phenol-d6	6.44	99	4924645	119.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	2617817	68.21	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1067740	118.27	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4268913	68.62	ng	0.00
79) Terphenyl-d14	12.91	244	3769667	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	626097	36.939	ng	98
3) Pyridine	3.37	79	1714832	38.082	ng	100
4) n-Nitrosodimethylamine	3.30	42	843306	43.925	ng	97
6) Aniline	6.46	93	1840984	33.633	ng	99
8) 2-Chlorophenol	6.59	128	1581156	42.108	ng	95
9) Benzaldehyde	6.35	77	621445	23.092	ng	99
10) Phenol	6.45	94	1944698	40.512	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	1515628	40.824	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1613967	40.003	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1624627	39.879	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1532893	40.342	ng	98
15) Benzyl Alcohol	6.94	79	1395506	42.954	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2954740	42.509	ng	99
17) 2-Methylphenol	7.06	107	1352421	44.115	ng	98
18) Hexachloroethane	7.32	117	641060	41.330	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	1133809	41.227	ng	95
20) 3+4-Methylphenols	7.21	107	1572120	43.114	ng	98
22) Acetophenone	7.21	105	2099223	42.621	ng	# 97
24) Nitrobenzene	7.38	77	1706908	42.733	ng	96
25) Isophorone	7.62	82	3167617	48.460	ng	99
26) 2-Nitrophenol	7.70	139	853311	42.997	ng	98
27) 2,4-Dimethylphenol	7.74	122	1503079	49.014	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2026746	44.775	ng	100
29) 2,4-Dichlorophenol	7.94	162	1355654	43.233	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1297655	42.013	ng	99
31) Naphthalene	8.10	128	4399612	46.831	ng	99
32) Benzoic acid	7.86	122	1168467	46.077	ng	98
33) 4-Chloroaniline	8.15	127	1271512	28.179	ng	97
34) Hexachlorobutadiene	8.23	225	693454	40.672	ng	98
35) Caprolactam	8.52	113	482192m	43.396	ng	
36) 4-Chloro-3-methylphenol	8.63	107	1454439	45.302	ng	99
37) 2-Methylnaphthalene	8.80	142	3024086	48.484	ng	98
38) 1-Methylnaphthalene	8.90	142	2880233	47.154	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1060863	37.407	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1335800	82.707	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	894139	42.002	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	905091	40.814	ng	97
46) 1,1'-Biphenyl	9.26	154	3319447	40.103	ng	100
47) 2-Chloronaphthalene	9.29	162	2677595	40.150	ng	99
48) 2-Nitroaniline	9.37	65	956591	42.049	ng	97
49) Acenaphthylene	9.70	152	4161868	42.988	ng	99
50) Dimethylphthalate	9.56	163	3089129	41.077	ng	99
51) 2,6-Dinitrotoluene	9.62	165	731935	44.072	ng	95
52) Acenaphthene	9.87	154	2791172	45.941	ng	99
53) 3-Nitroaniline	9.79	138	617665	30.131	ng	97
54) 2,4-Dinitrophenol	9.89	184	616892	93.997	ng	93
55) Dibenzofuran	10.05	168	3617894	43.771	ng	97
56) 4-Nitrophenol	9.95	139	1319711	82.661	ng	99
57) 2,4-Dinitrotoluene	10.02	165	974324	47.589	ng	91
58) Fluorene	10.39	166	2690172	42.059	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	757766	45.080	ng	100
60) Diethylphthalate	10.27	149	2995763	41.784	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1218623	38.373	ng	98
62) 4-Nitroaniline	10.40	138	817138	42.129	ng	99
63) Azobenzene	10.54	77	3099840	41.644	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	401719	39.240	ng	86
66) n-Nitrosodiphenylamine	10.50	169	2543779	43.010	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	786079	41.308	ng	96
68) Hexachlorobenzene	10.94	284	812307	41.961	ng	97
69) Atrazine	11.03	200	775371	43.112	ng	98
70) Pentachlorophenol	11.13	266	957592	68.189	ng	96
71) Phenanthrene	11.35	178	3720687	42.457	ng	99
72) Anthracene	11.40	178	3865473	42.161	ng	99
73) Carbazole	11.55	167	3673316	38.316	ng	99
74) Di-n-butylphthalate	11.89	149	4244279	43.072	ng	99
75) Fluoranthene	12.53	202	3659703	45.716	ng	97
77) Benzidine	12.65	184	1600088	48.562	ng	98
78) Pyrene	12.76	202	3721950	46.935	ng	98
80) Butylbenzylphthalate	13.39	149	1873950	45.242	ng	94
81) Benzo(a)anthracene	13.95	228	2814680	45.464	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	887591	34.979	ng	96
83) Chrysene	13.99	228	2835531	44.427	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2145829	43.598	ng	99
85) Di-n-octyl phthalate	14.57	149	3712706	45.005	ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	2476595	48.070	ng	99
88) Benzo(b)fluoranthene	14.99	252	2476304	50.039	ng	98
89) Benzo(k)fluoranthene	15.02	252	2413890	51.882	ng	98
90) Benzo(a)pyrene	15.34	252	2347308	51.508	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	2037755	56.930	ng	99
92) Benzo(g,h,i)perylene	17.25	276	2108708	58.851	ng	97

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

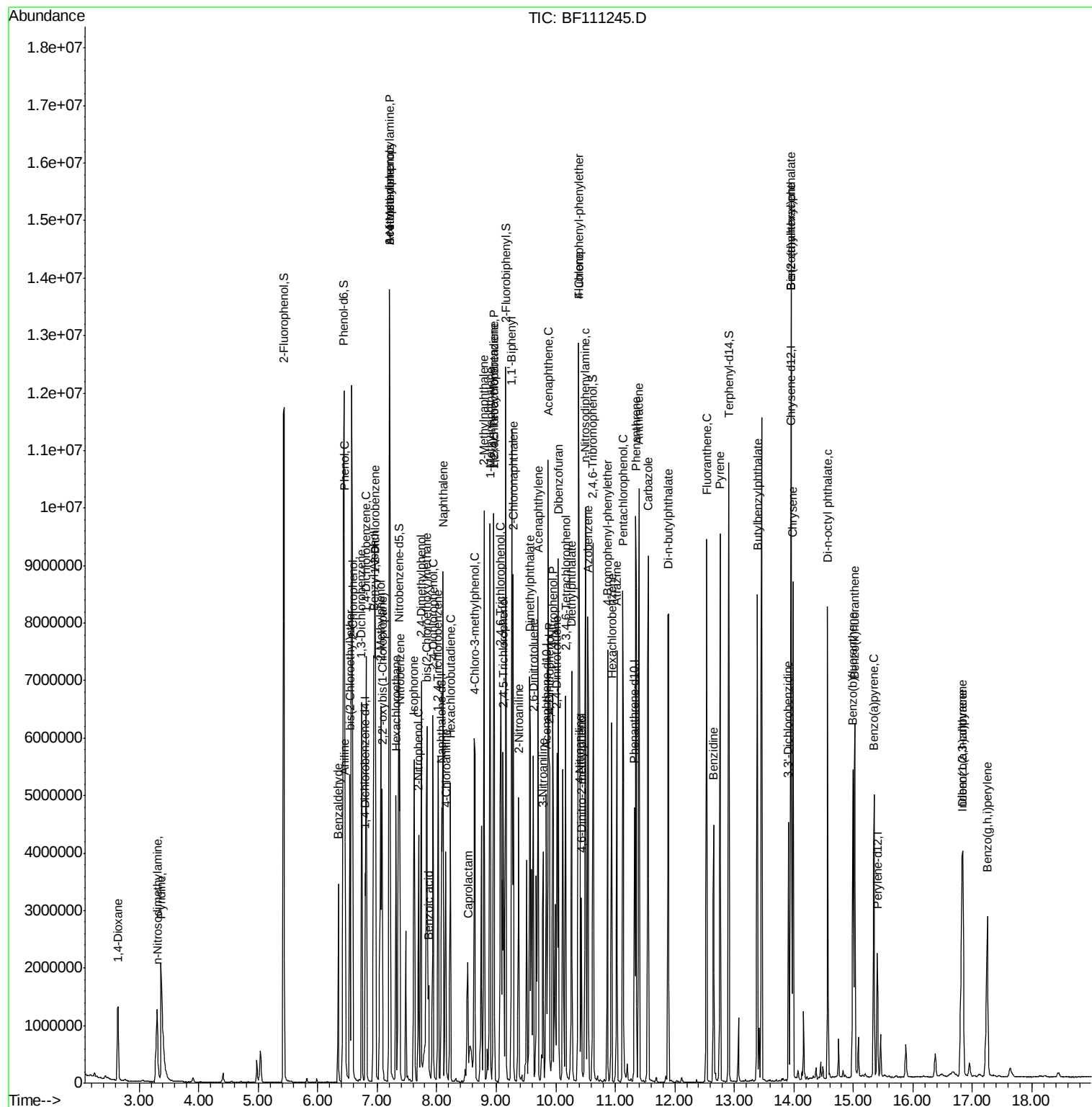
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
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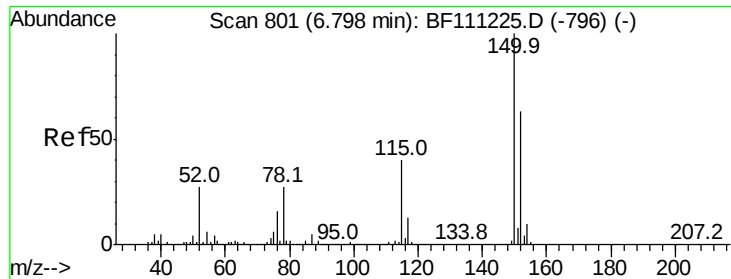
Instrument :
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#1

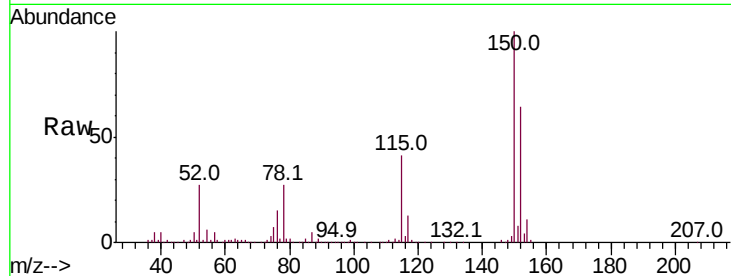
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	64.2	50.7	76.1

Manual Integrations
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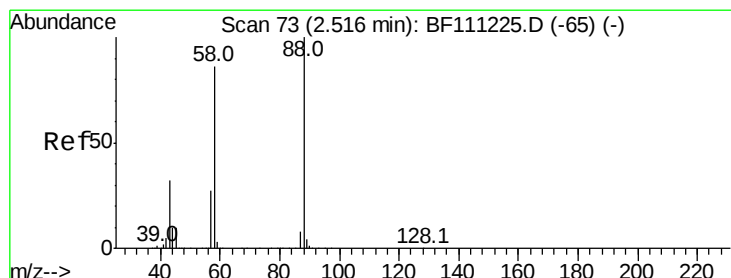
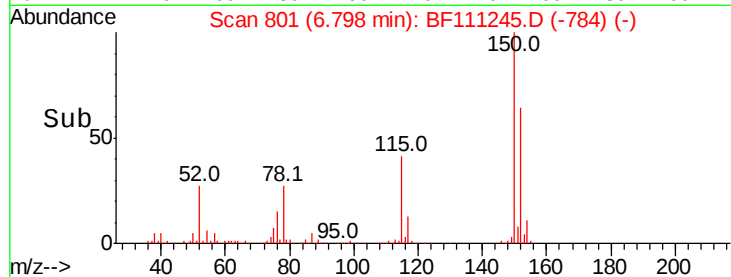
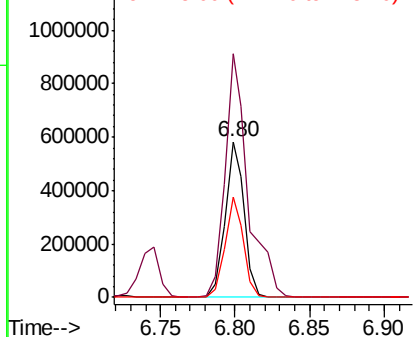


Abundance

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: 36.939 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.13 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

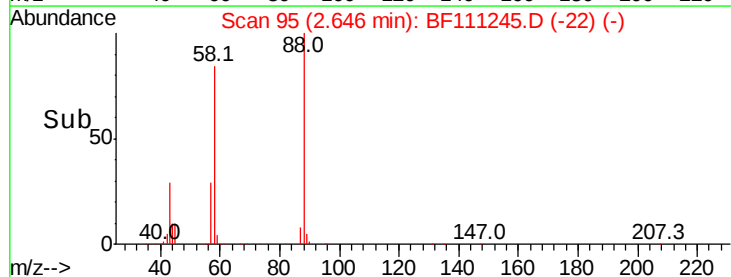
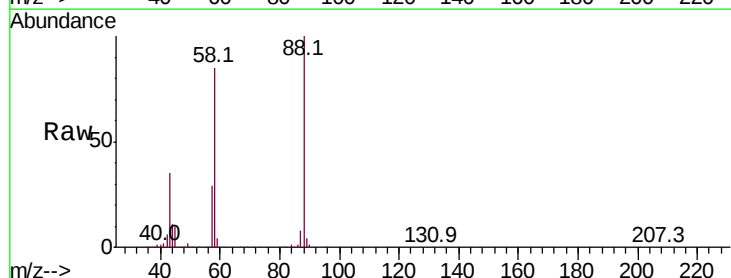
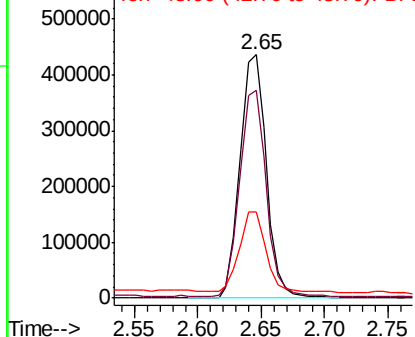
Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.9	103.3
43	33.9	25.8	38.6

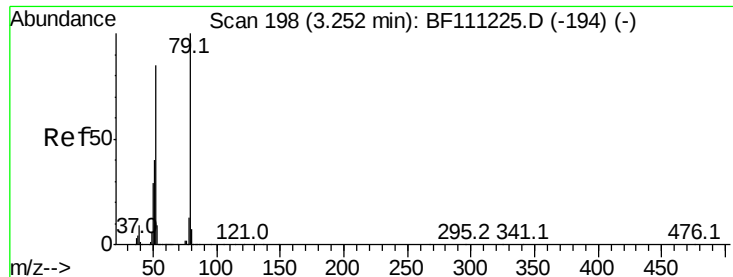
Abundance

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: 38.082 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion: 79 Resp: 1714832

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

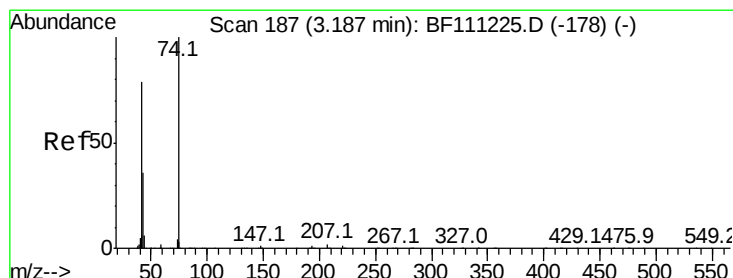
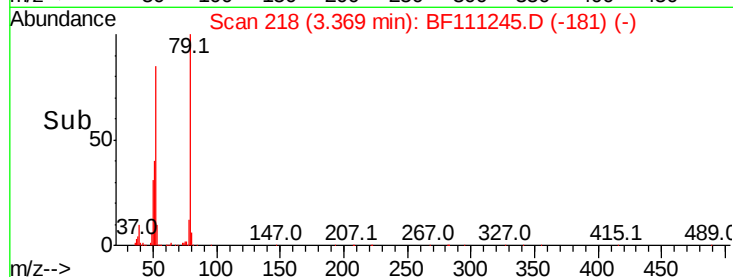
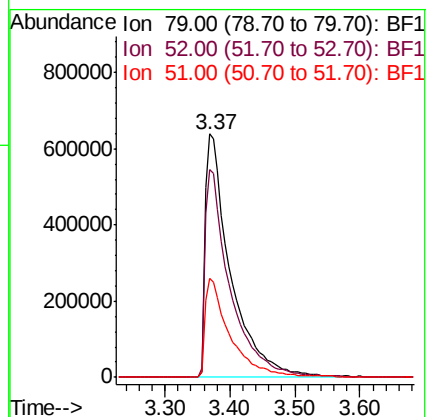
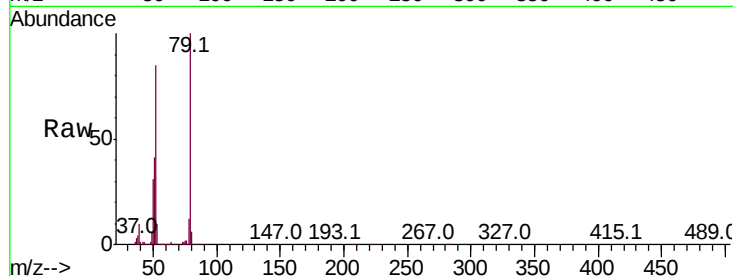
51 40.6 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.925 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.12 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

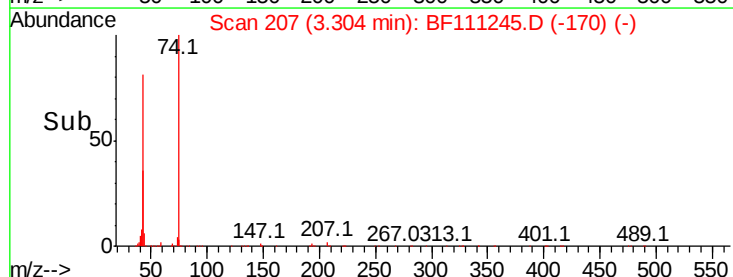
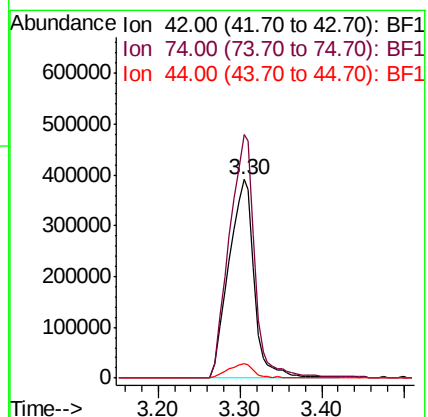
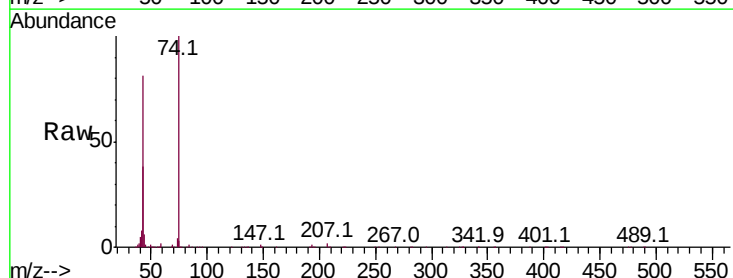
Tgt Ion: 42 Resp: 843306

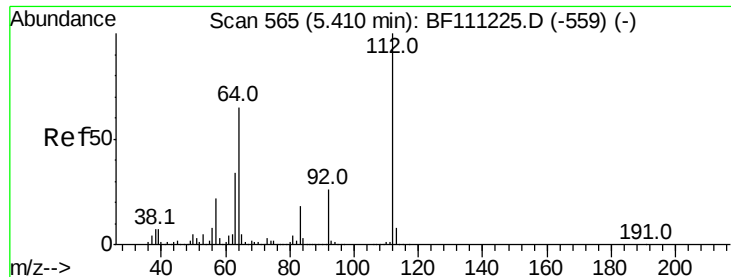
Ion Ratio Lower Upper

42 100

74 122.8 101.5 152.3

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 116.033 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:112 Resp: 3833109

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

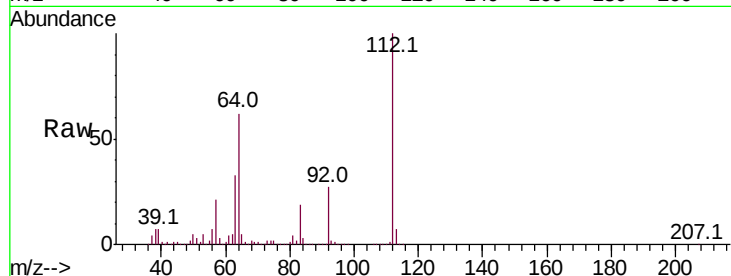
63 32.9 26.8 40.2

Manual Integrations

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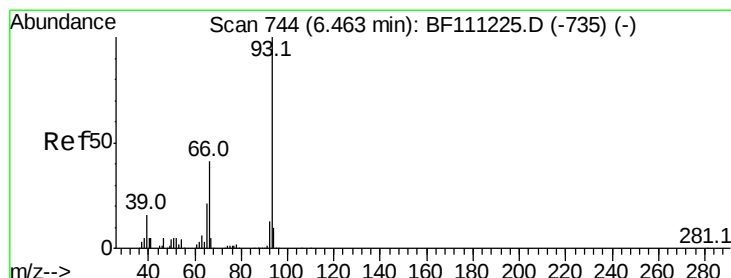
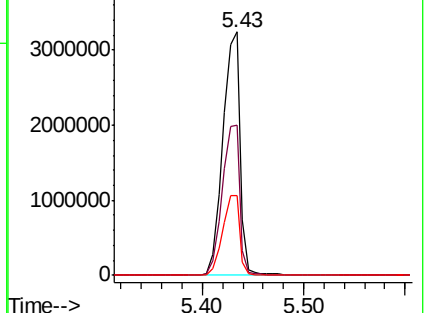
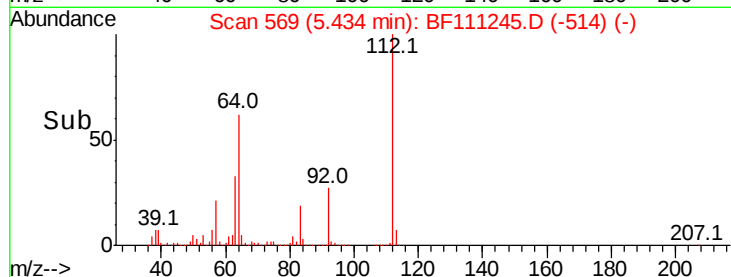
12/11/2018 2:23:27 PM



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: 33.633 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

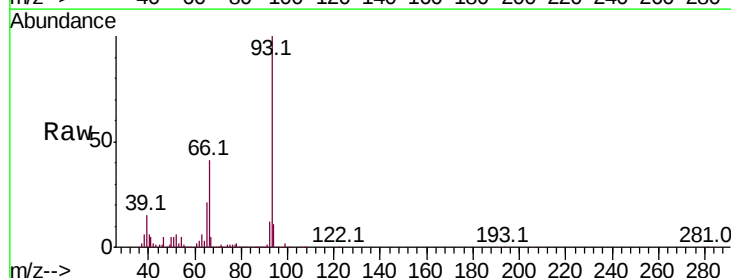
Tgt Ion: 93 Resp: 1840984

Ion Ratio Lower Upper

93 100

66 40.8 33.2 49.8

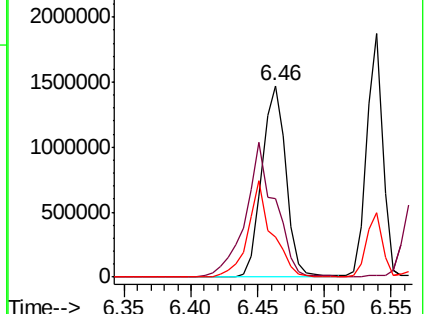
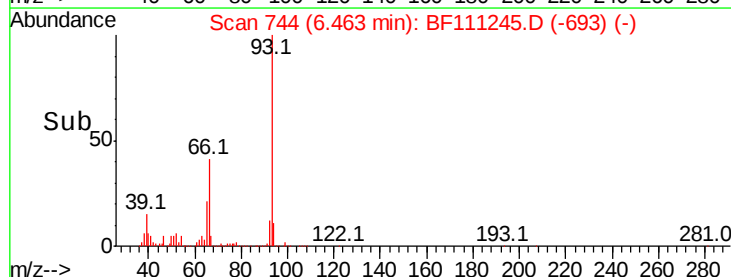
65 21.0 17.0 25.4

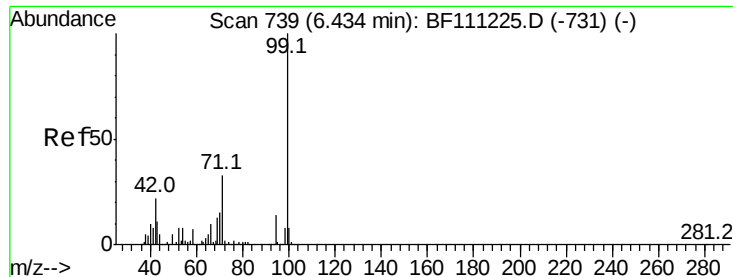


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.956 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

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PB115384BS

Tot Ion: 99 Resp: 4924645

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

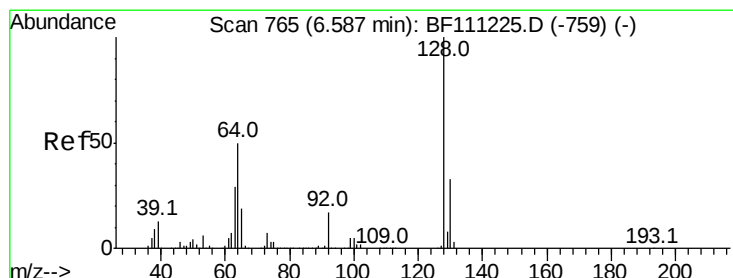
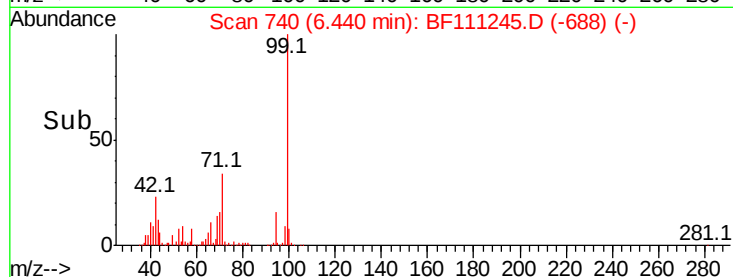
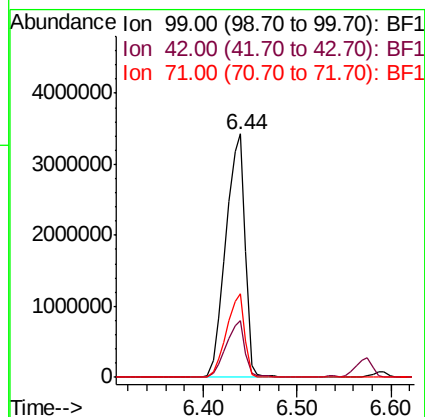
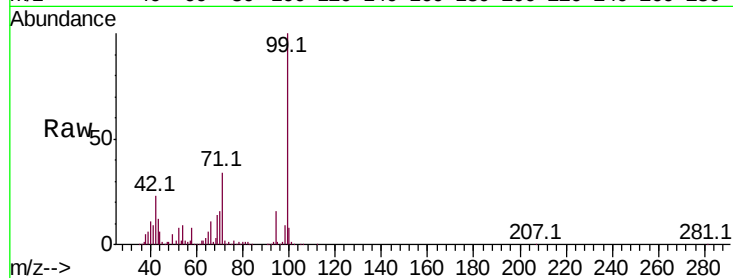
71 34.3 26.1 39.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.108 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

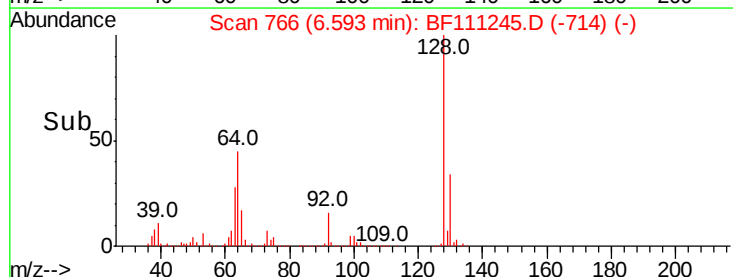
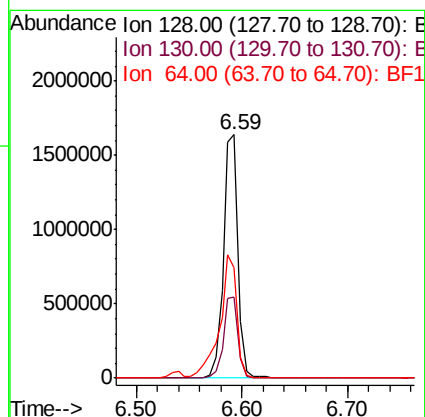
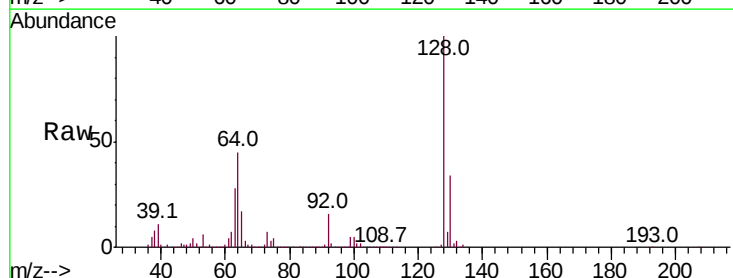
Tgt Ion:128 Resp: 1581156

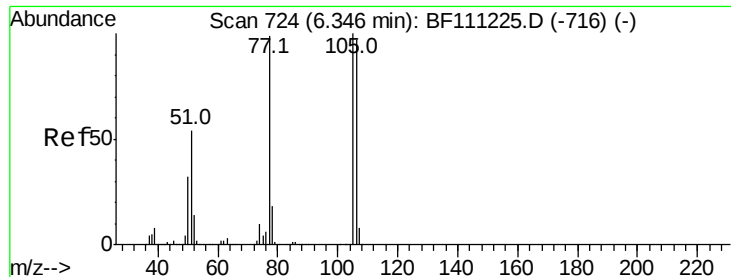
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 45.3 30.0 70.0





#9

Benzaldehyde

Concen: 23.092 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

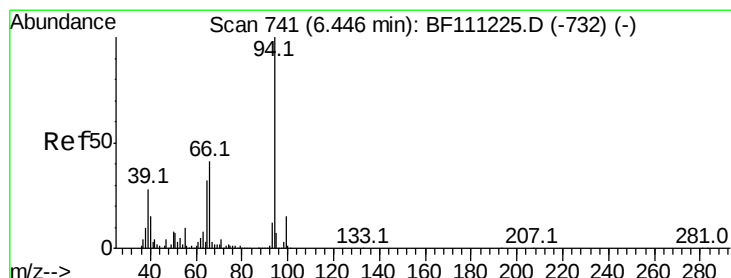
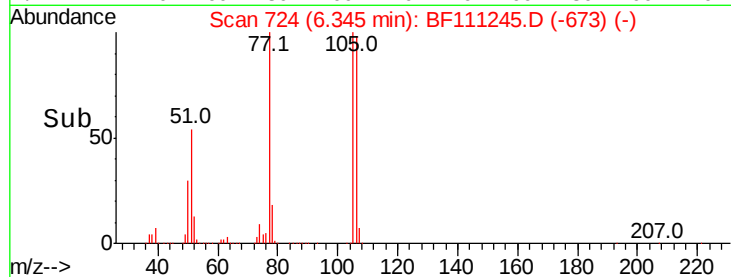
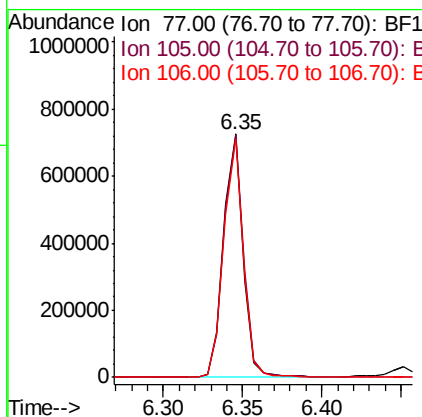
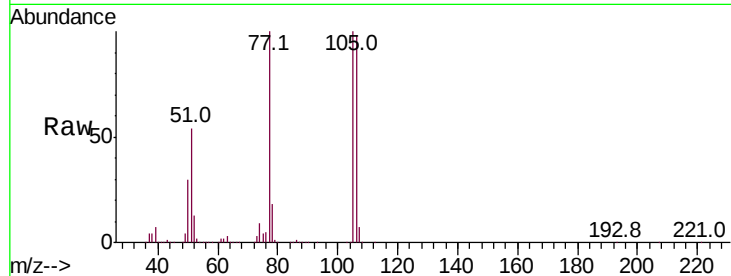
ClientSampleID :

PB115384BS

Tot Ion:	77	Resp:	621445
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.4	121.4
106	98.0	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 40.512 ng

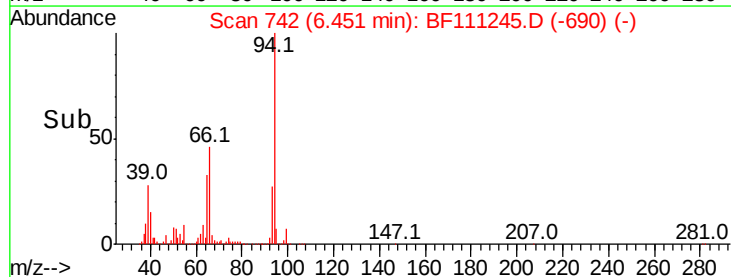
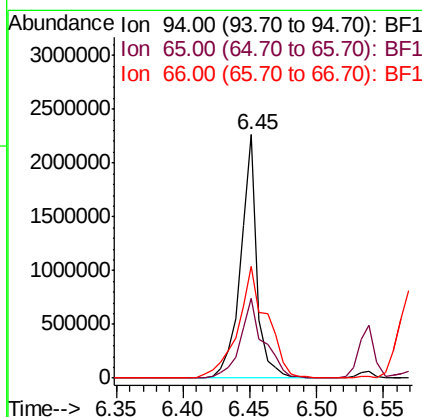
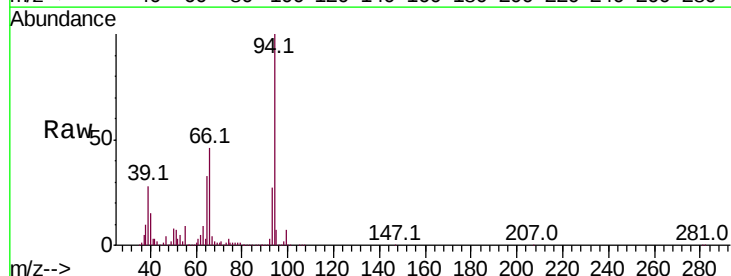
RT: 6.45 min Scan# 742

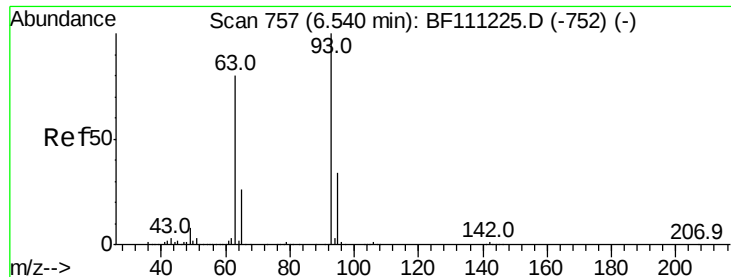
Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Tgt Ion:	94	Resp:	1944698
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.7	51.7
66	45.9	21.0	61.0





#11
bis(2-Chloroethyl)ether
Concen: 40.824 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

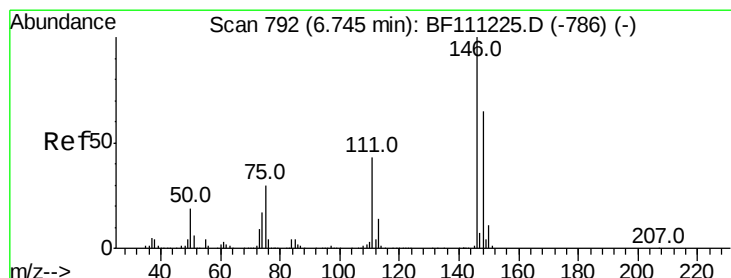
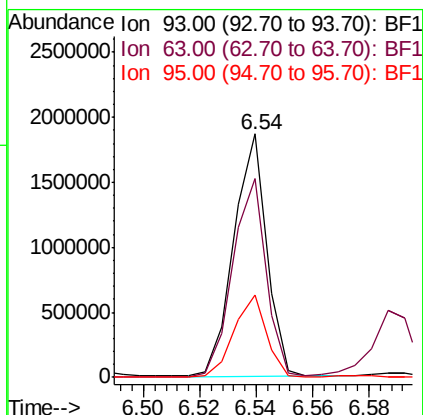
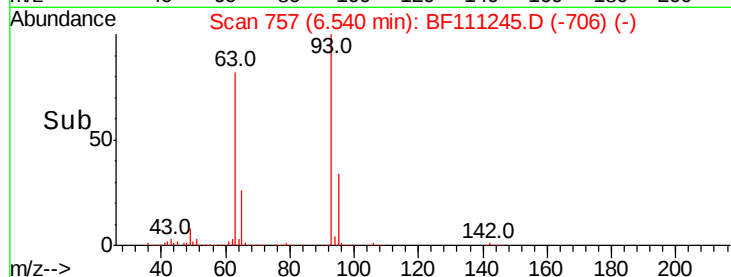
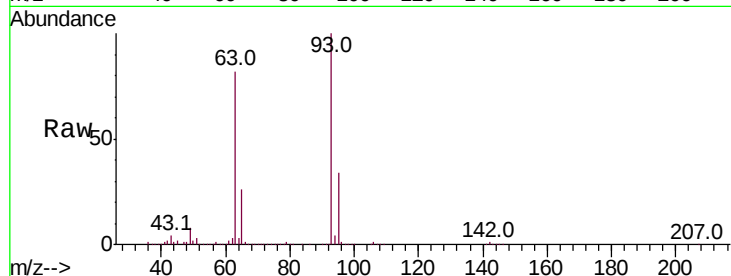
Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion: 93 Resp: 1515628

Ion	Ratio	Lower	Upper
93	100		
63	81.8	60.0	100.0
95	33.9	13.4	53.4

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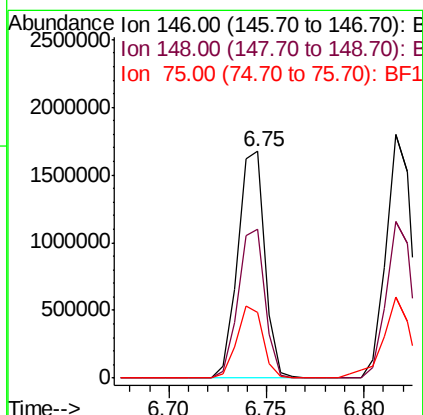
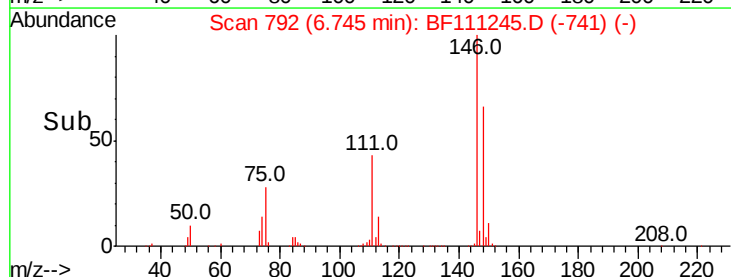
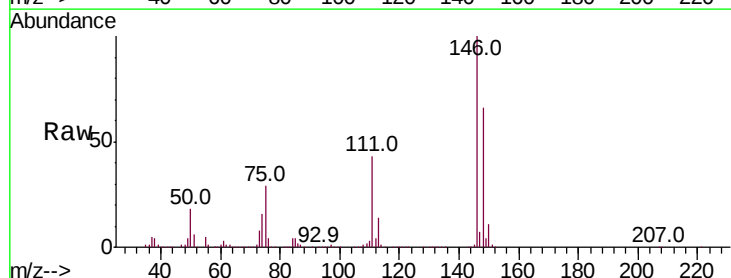
Sohil
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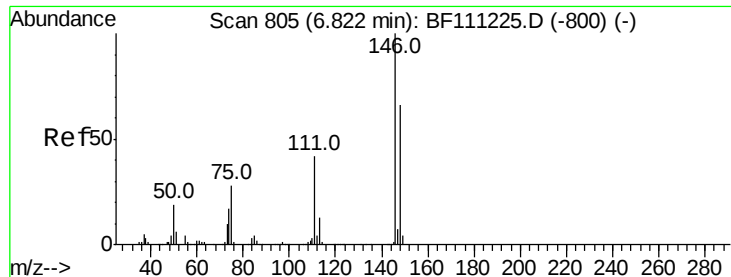


#12
1,3-Dichlorobenzene
Concen: 40.003 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 146 Resp: 1613967

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	28.8	23.9	35.9





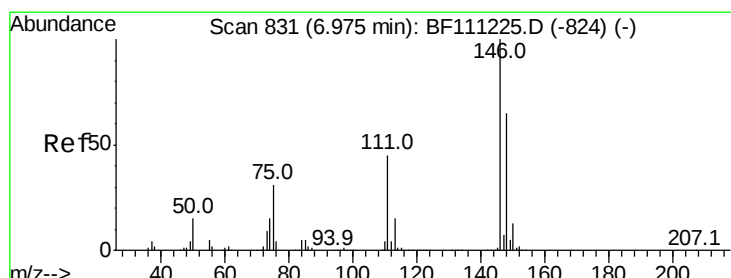
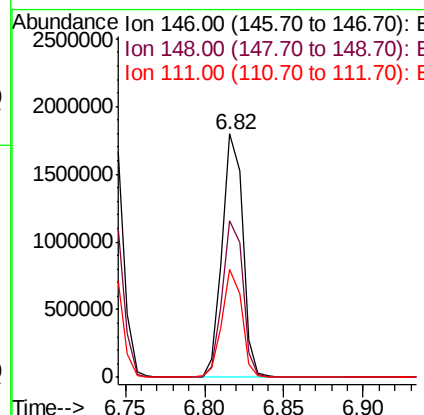
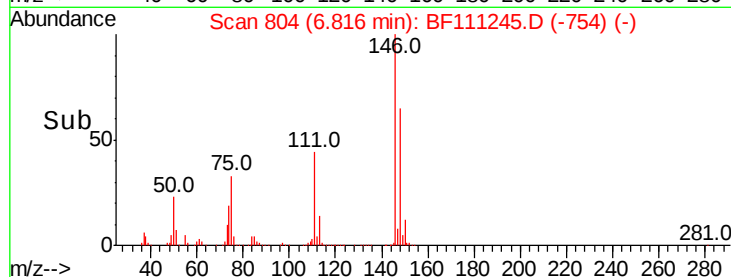
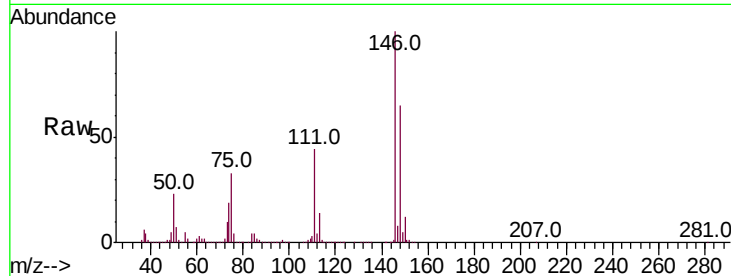
#13
1,4-Dichlorobenzene
Concen: 39.879 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion:146 Resp: 1624627
Ion Ratio Lower Upper
146 100
148 64.6 52.8 79.2
111 44.4 33.4 50.0

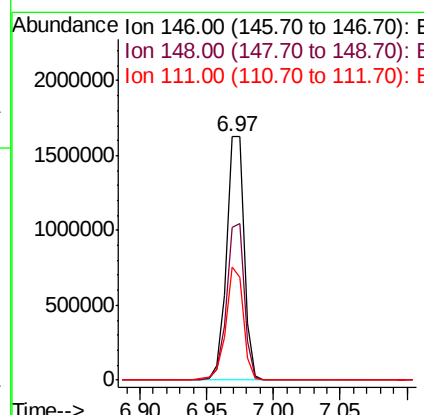
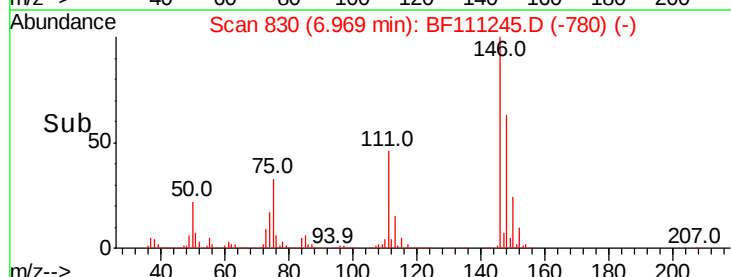
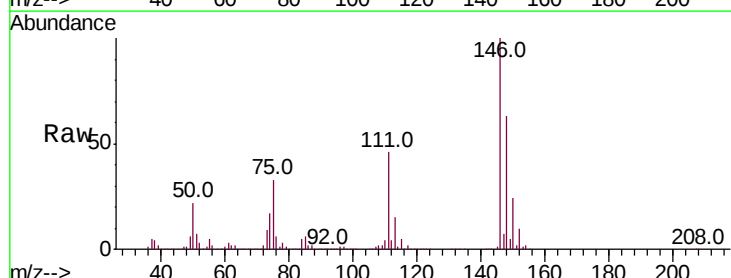
Manual Integrations
APPROVED

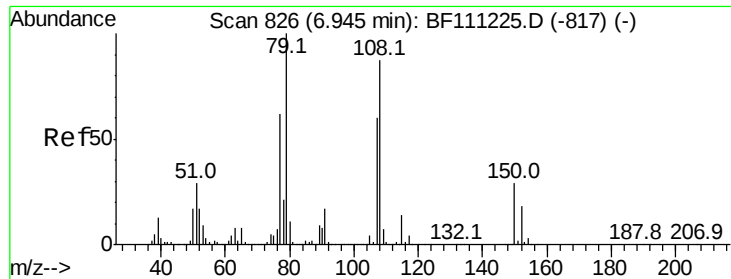
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#14
1,2-Dichlorobenzene
Concen: 40.342 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:146 Resp: 1532893
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
111 46.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 42.954 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion: 79 Resp: 1395506

Ion Ratio Lower Upper

79 100

108 79.8 69.4 104.2

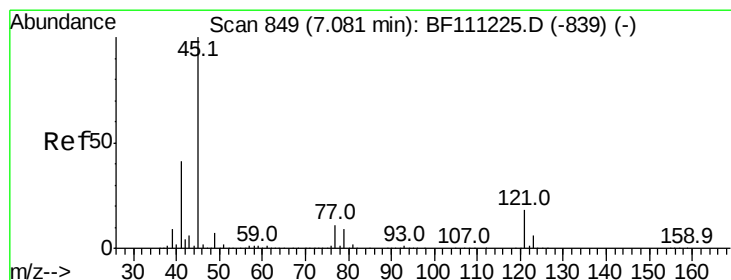
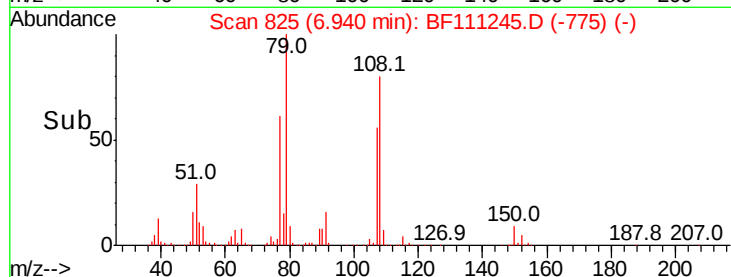
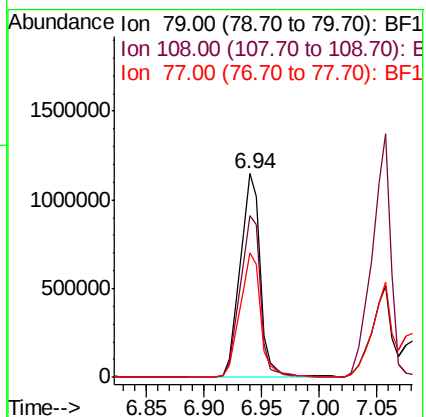
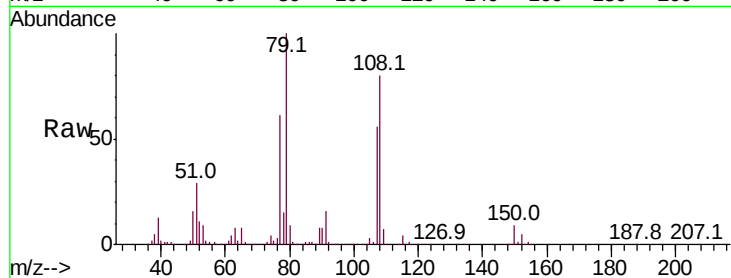
77 61.2 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.509 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

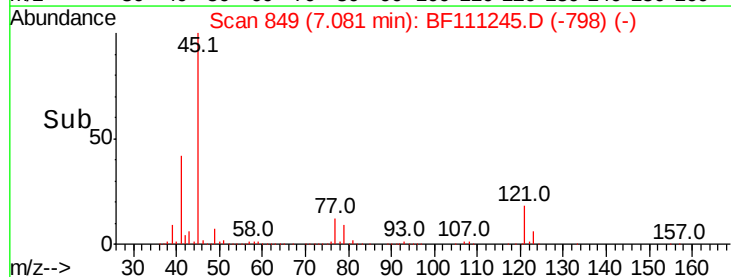
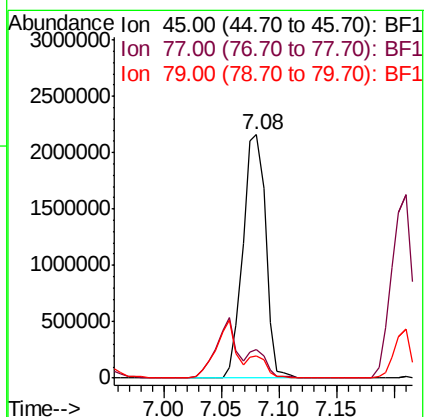
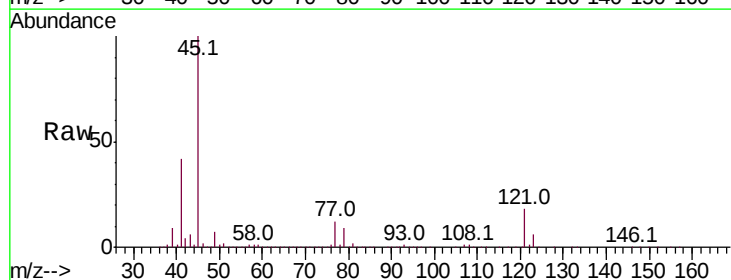
Tgt Ion: 45 Resp: 2954740

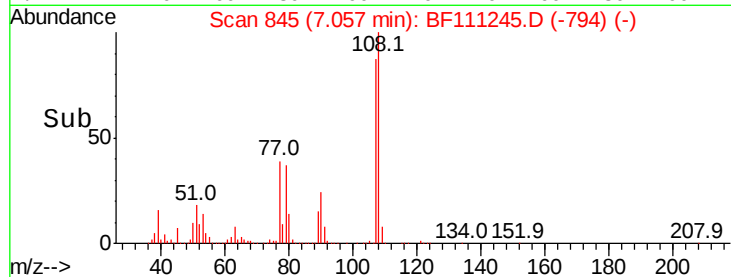
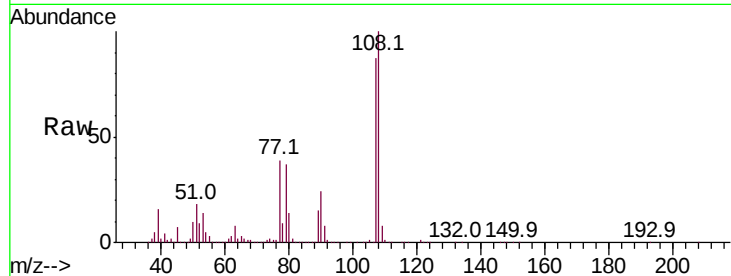
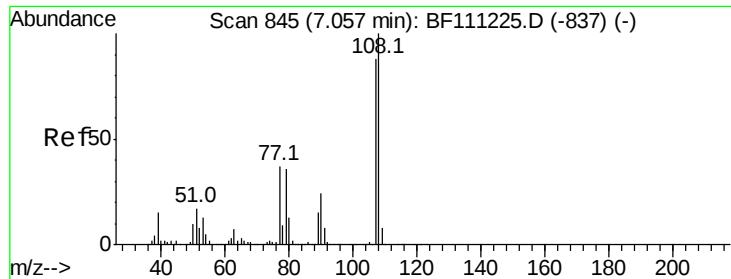
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

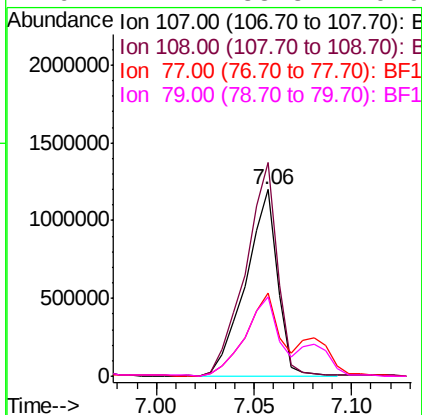
79 9.3 0.0 28.9





#17
2-Methylphenol
Concen: 44.115 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

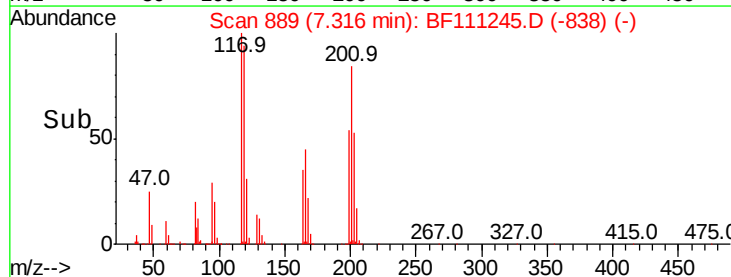
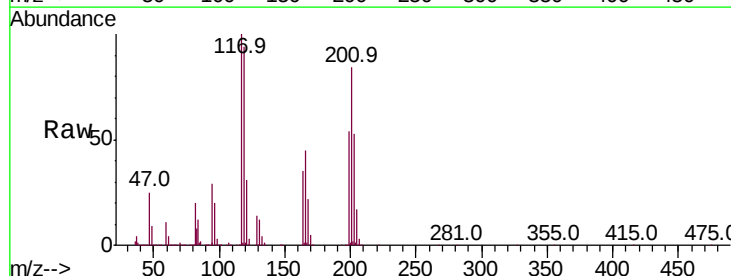
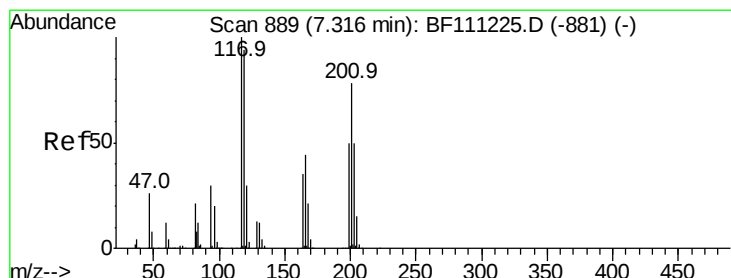
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.0	136.4
77	44.5	33.5	50.3
79	42.7	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
PB115384BS

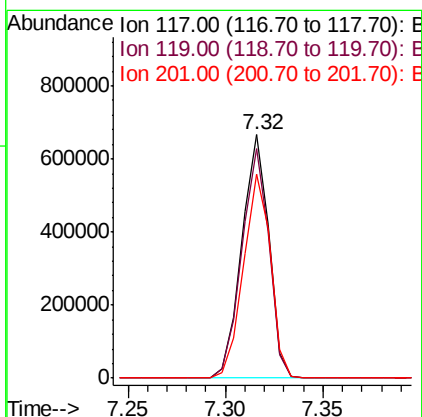
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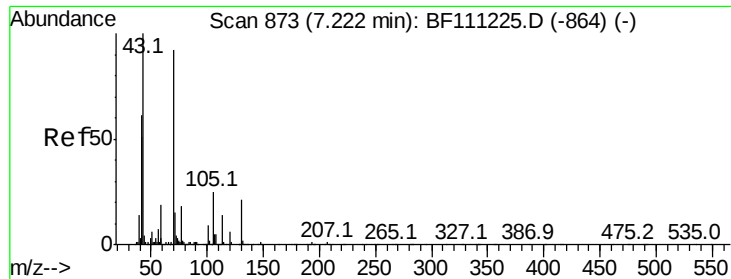
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#18
Hexachloroethane
Concen: 41.330 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
201	83.5	62.4	93.6





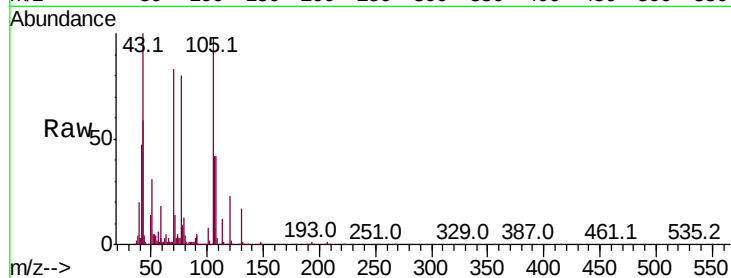
#19
n-Nitroso-di-n-propylamine
Concen: 41.227 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

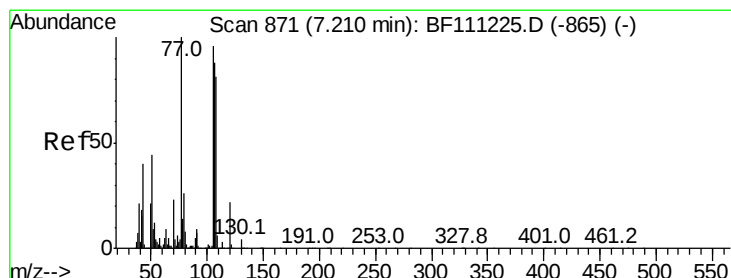
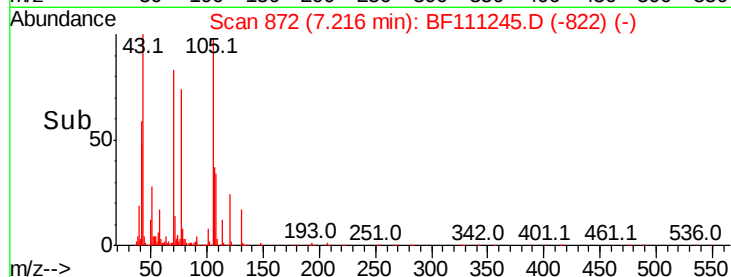
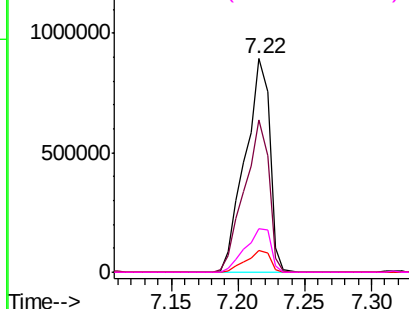
Tot Ion: 70 Resp: 1133809
Ion Ratio Lower Upper
70 100
42 71.2 53.2 79.8
101 9.9 8.2 12.4
130 20.4 18.1 27.1

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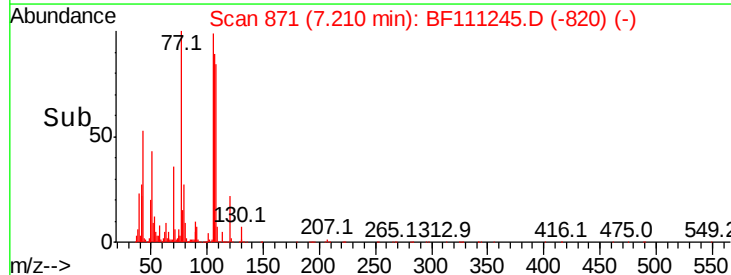
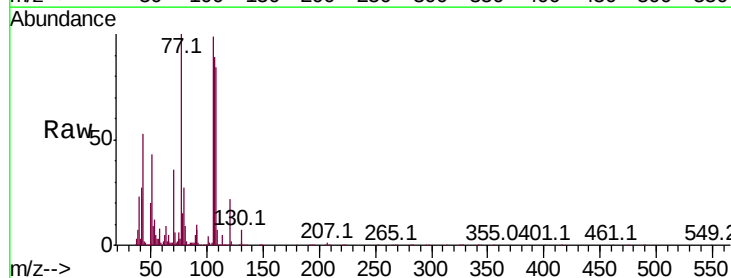
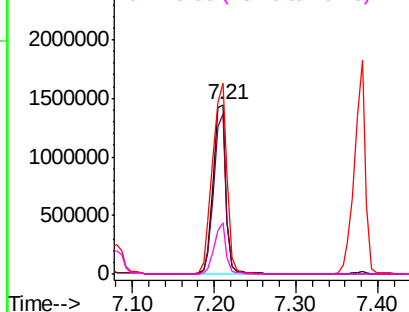
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

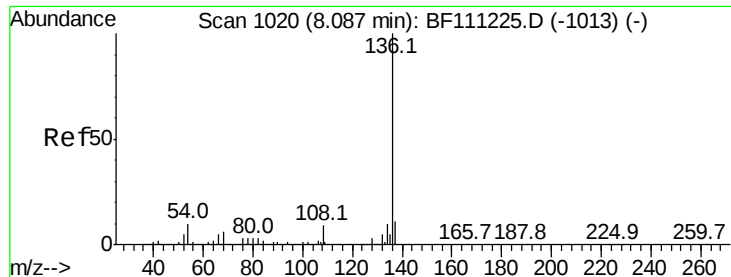


#20
3+4-Methylphenols
Concen: 43.114 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:107 Resp: 1572120
Ion Ratio Lower Upper
107 100
108 94.7 72.1 112.1
77 112.7 94.1 134.1
79 29.9 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





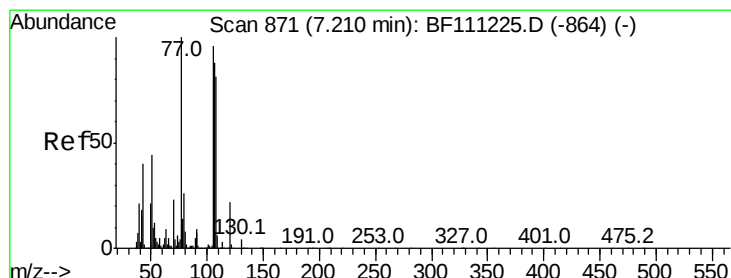
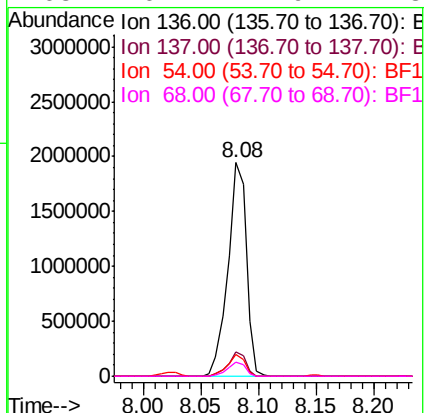
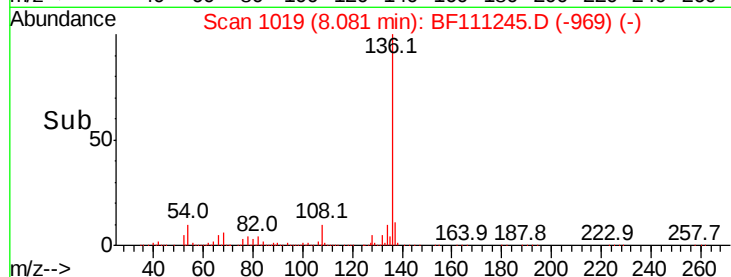
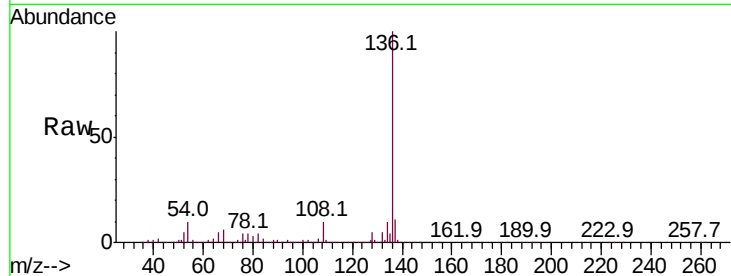
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.0	7.7	11.5
68	6.4	4.9	7.3

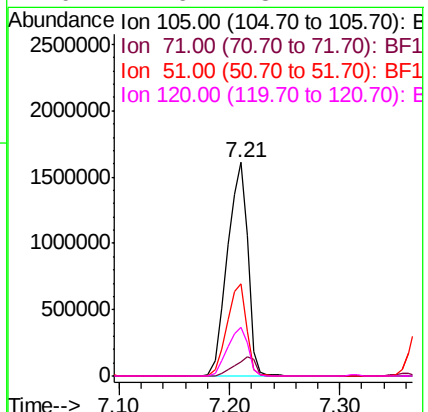
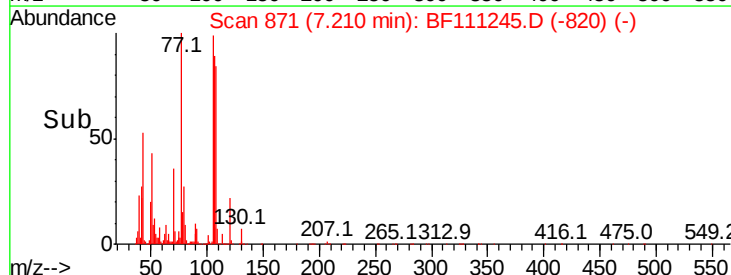
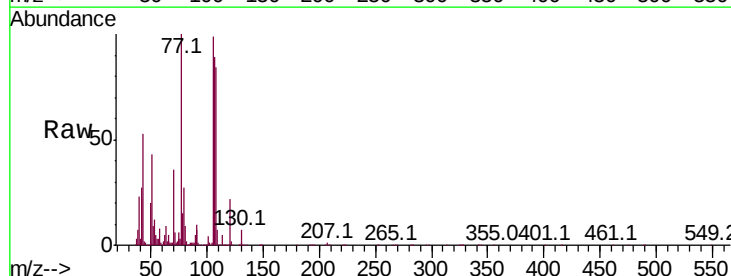
Manual Integrations
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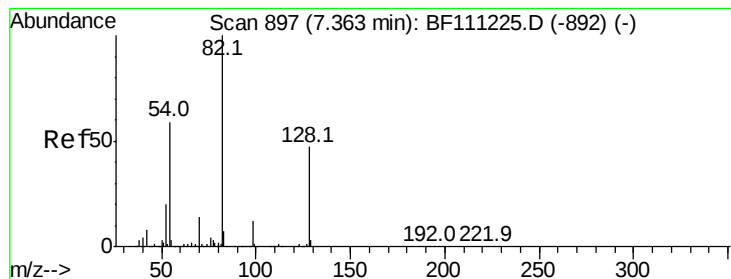
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#22
Acetophenone
Concen: 42.621 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.1	4.7#
51	43.2	36.6	54.8
120	22.6	18.2	27.4





#23

Nitrobenzene-d5

Concen: 68.211 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion: 82 Resp: 2617817

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

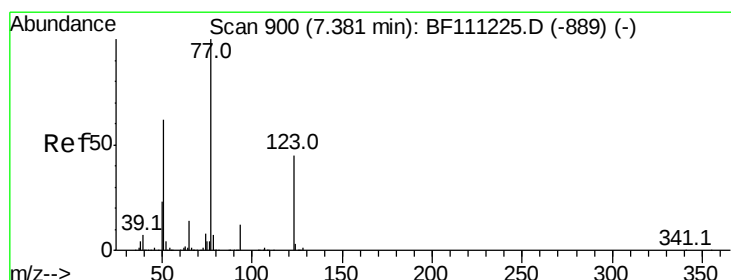
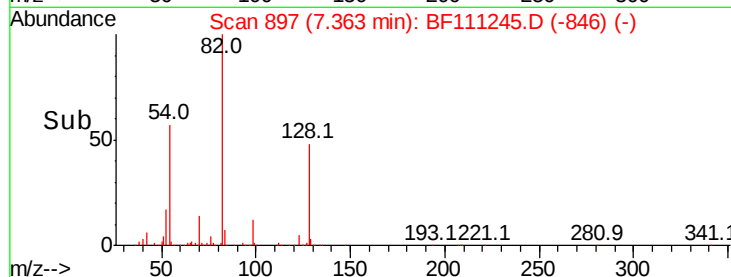
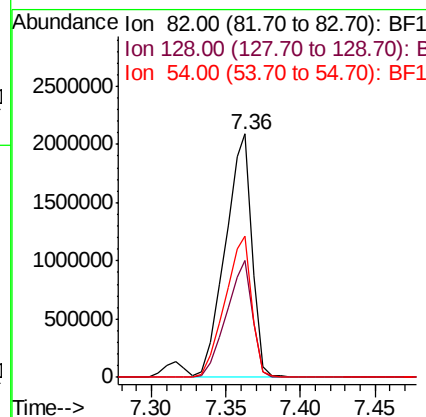
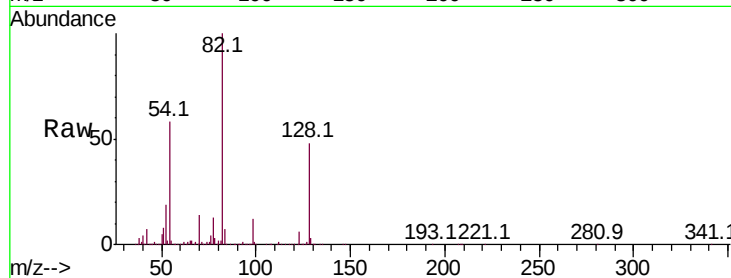
54 57.9 47.6 71.4

Manual Integrations

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#24

Nitrobenzene

Concen: 42.733 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

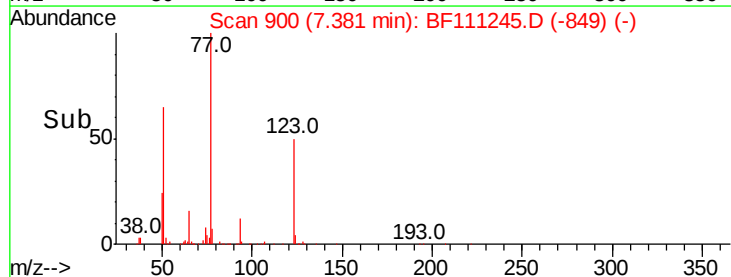
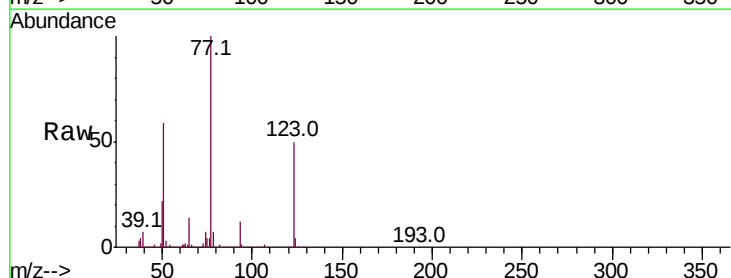
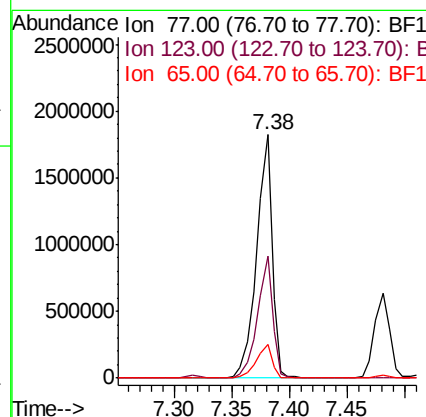
Tgt Ion: 77 Resp: 1706908

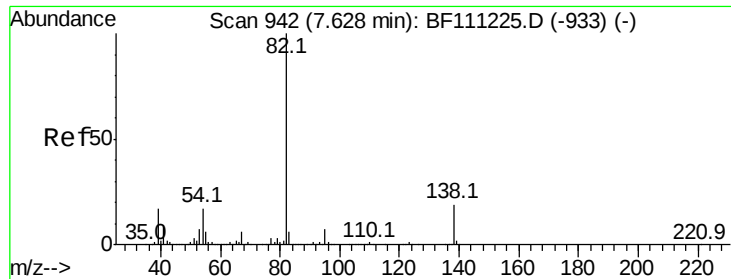
Ion Ratio Lower Upper

77 100

123 50.0 37.2 55.8

65 13.8 11.5 17.3





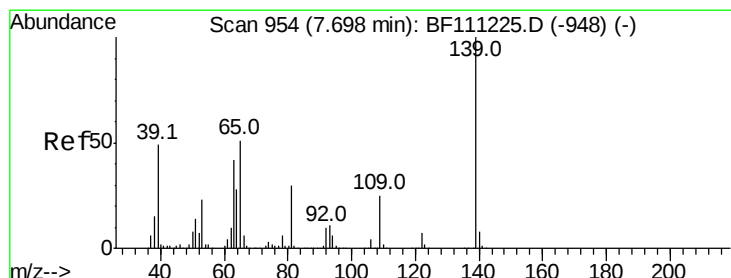
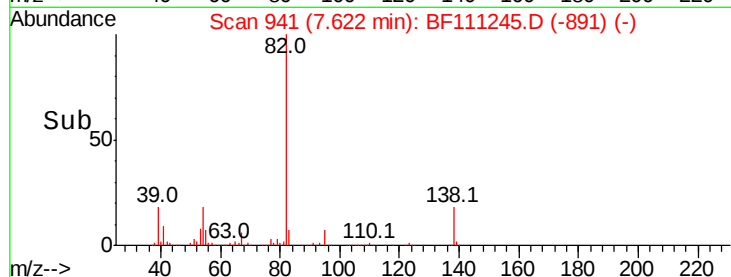
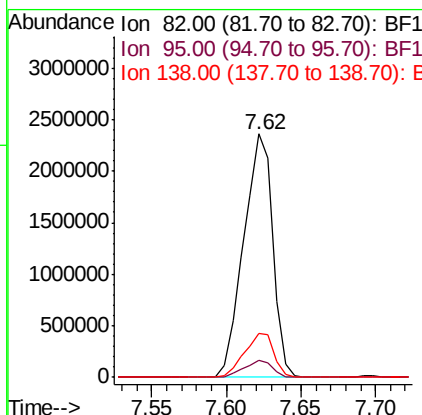
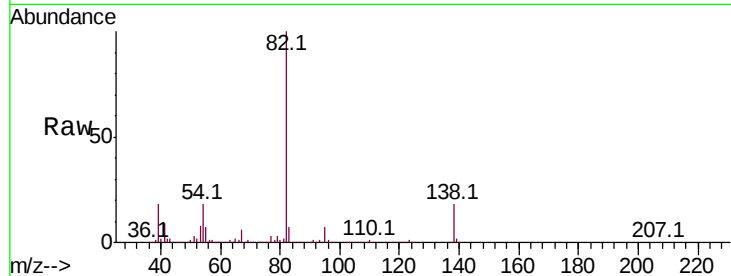
#25
Isophorone
Concen: 48.460 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.1	15.1	22.7

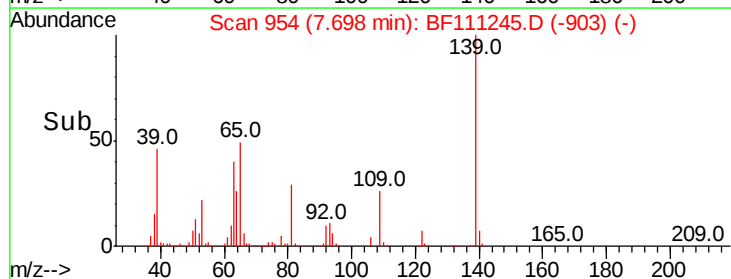
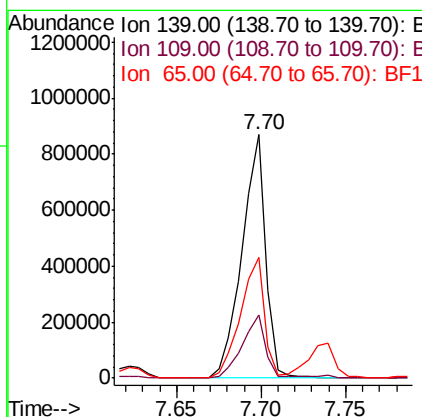
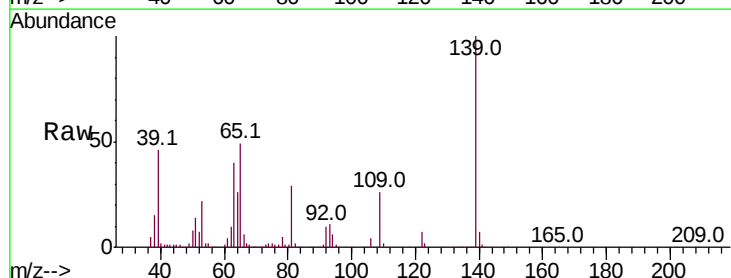
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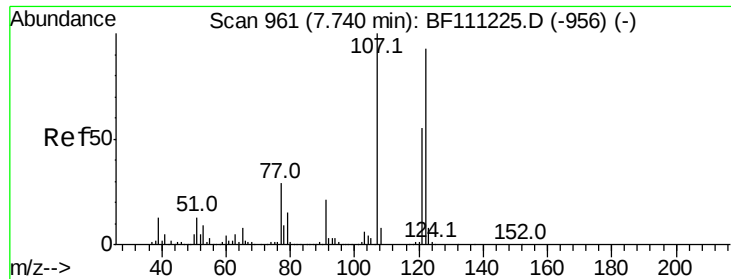
Sohil
12/11/2018 2:23:27 PM



#26
2-Nitrophenol
Concen: 42.997 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.2	30.4
65	49.4	40.7	61.1





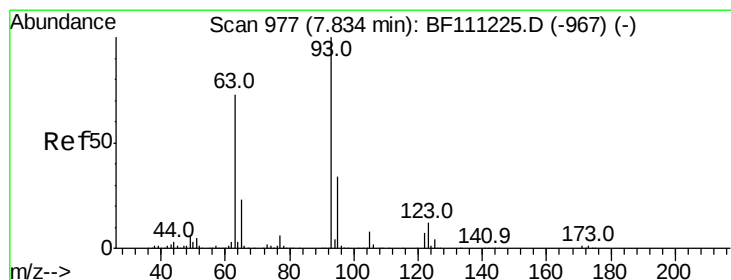
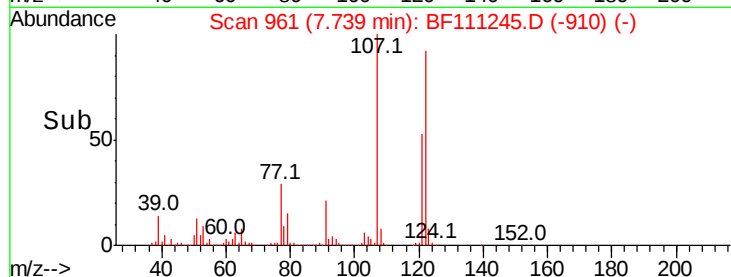
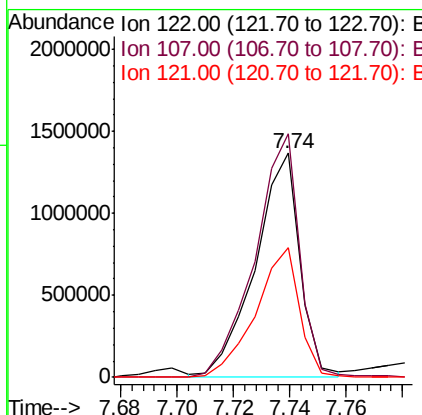
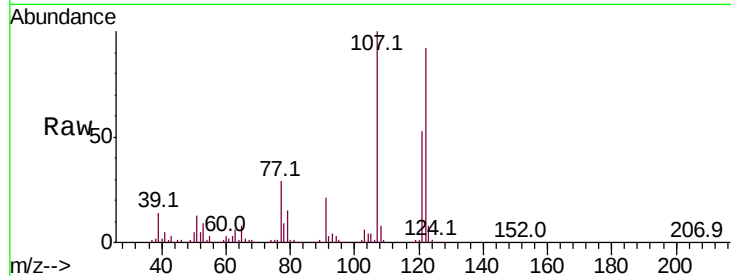
#27
2,4-Dimethylphenol
Concen: 49.014 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	85.5	128.3
121	57.9	46.6	70.0

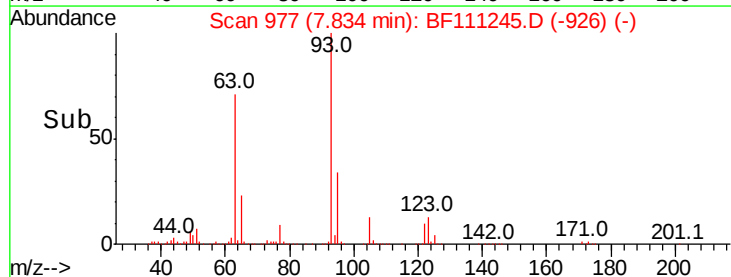
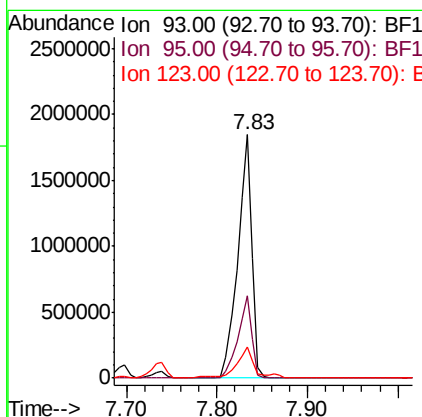
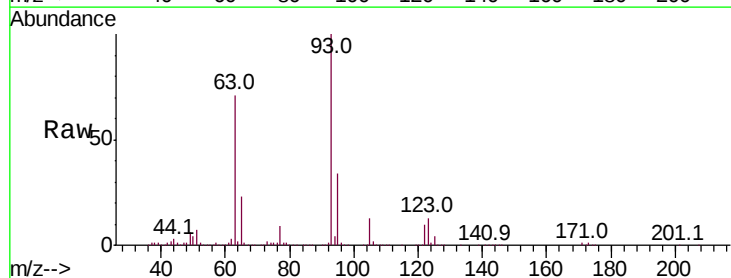
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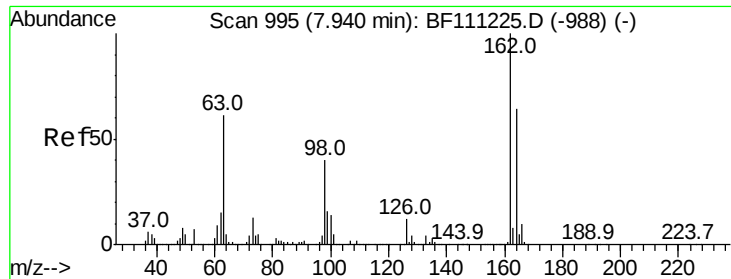
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.775 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	12.7	9.9	14.9





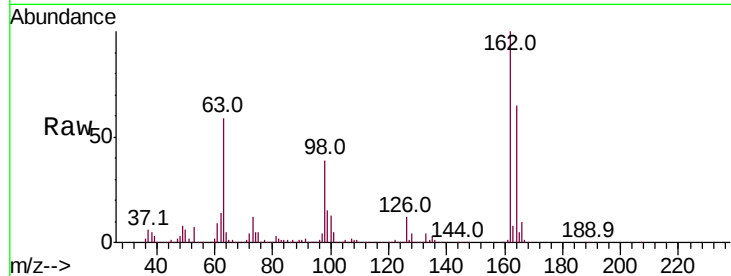
#29
2,4-Dichlorophenol
Concen: 43.233 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

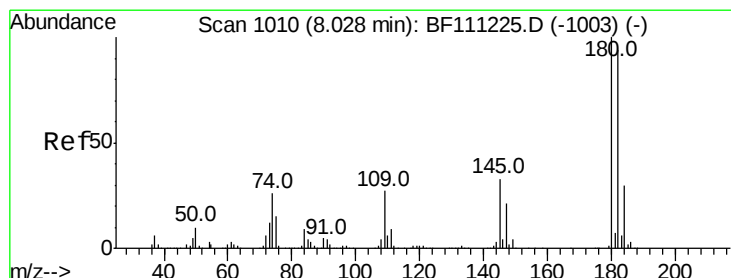
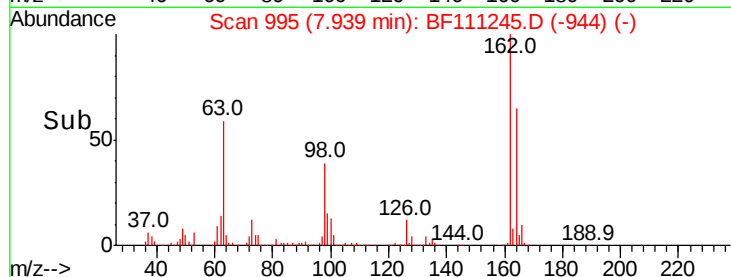
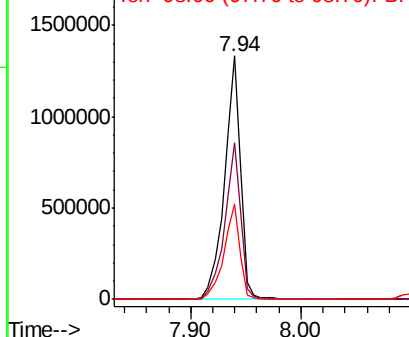
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	39.2	20.3	60.3

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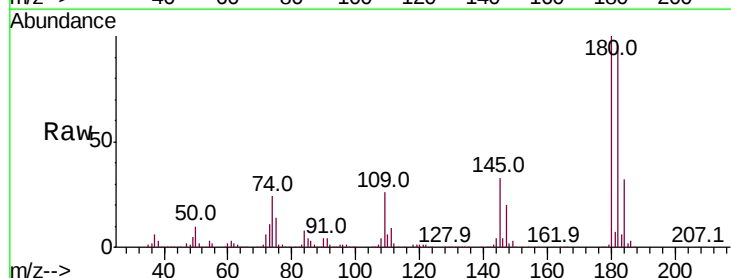


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

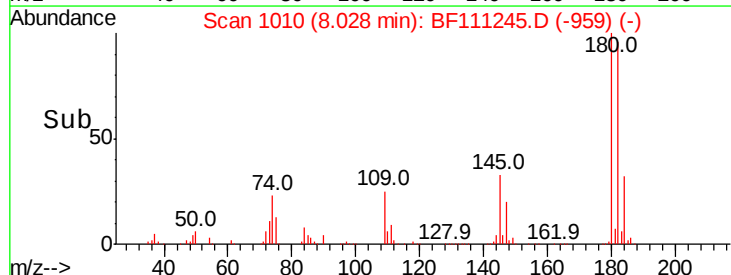
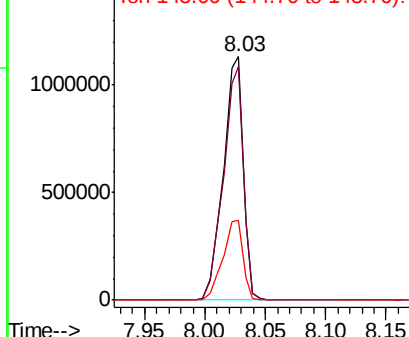


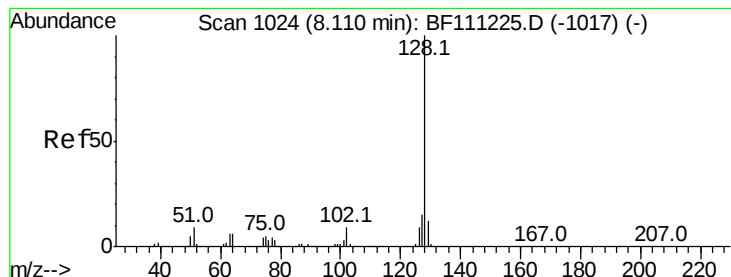
#30
1,2,4-Trichlorobenzene
Concen: 42.013 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.6	113.4
145	32.6	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: 46.831 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:128 Resp: 4399612

Ion Ratio Lower Upper

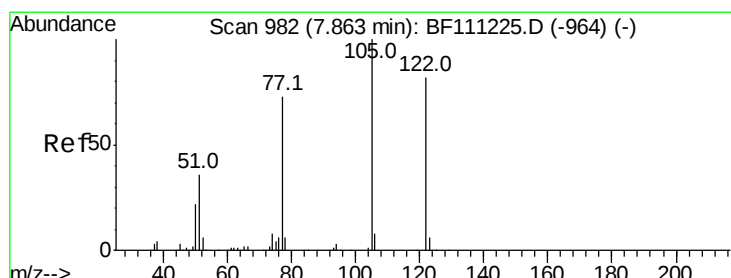
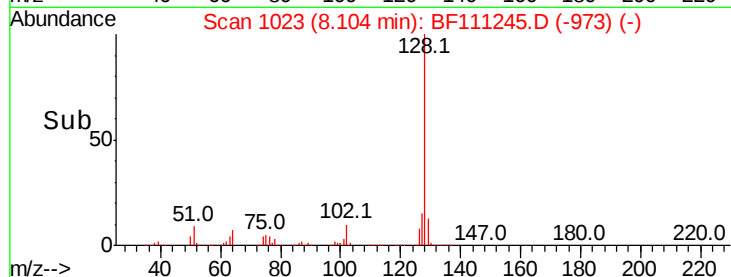
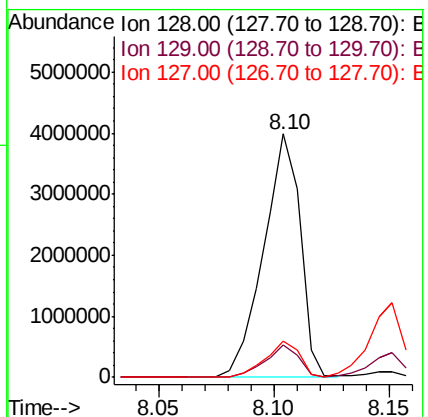
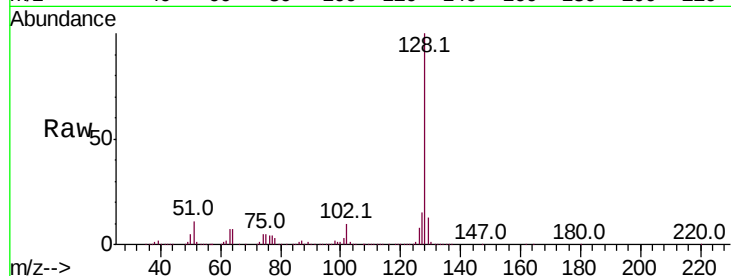
128 100

129 13.2 9.8 14.8

127 15.1 12.0 18.0

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#32

Benzoic acid

Concen: 46.077 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

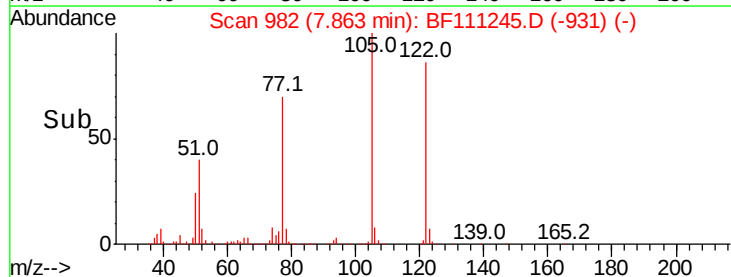
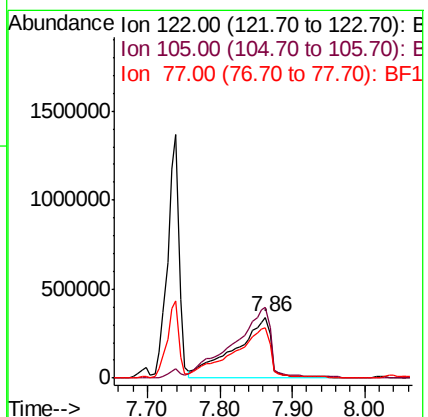
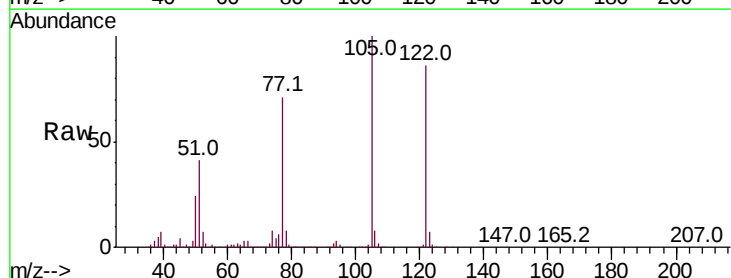
Tgt Ion:122 Resp: 1168467

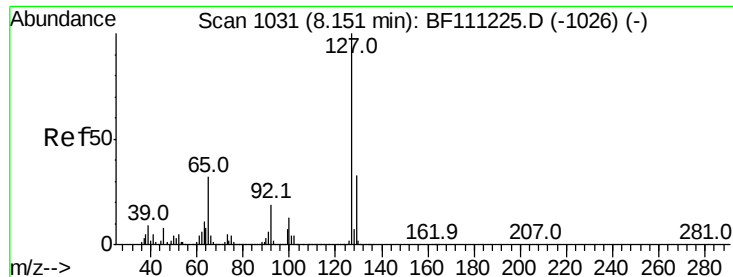
Ion Ratio Lower Upper

122 100

105 116.1 97.0 137.0

77 82.2 65.7 105.7





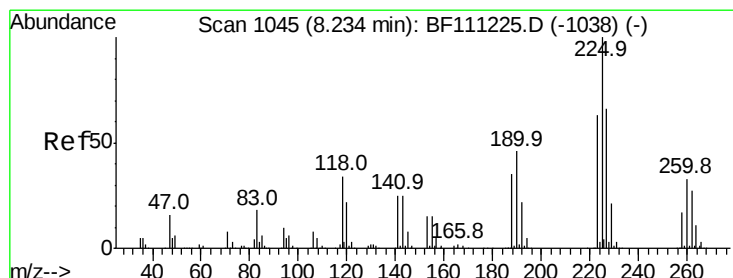
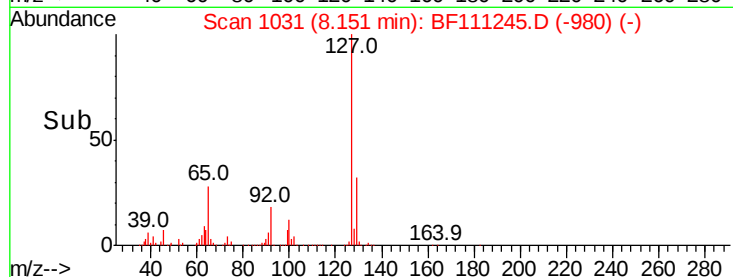
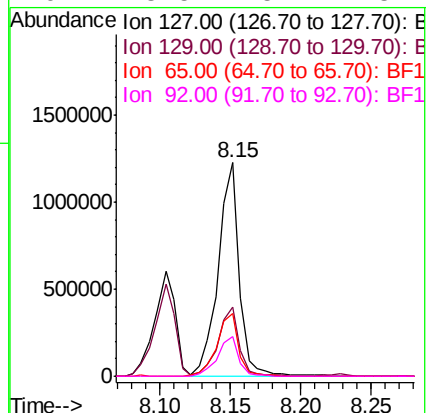
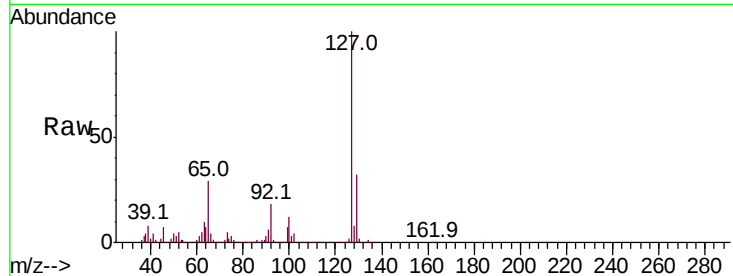
#33
4-Chloroaniline
Concen: 28.179 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	29.1	25.7	38.5
92	18.5	15.4	23.2

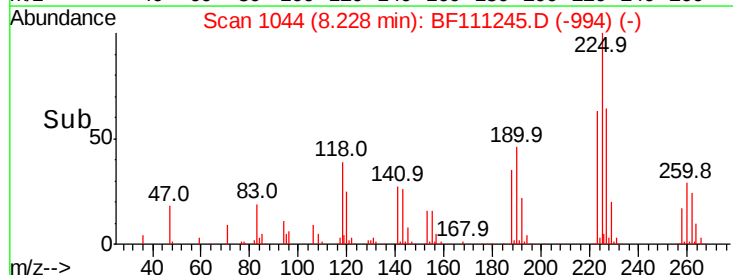
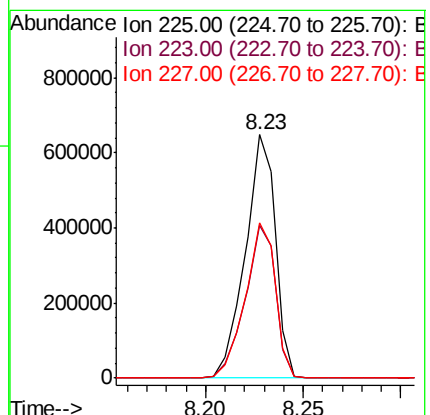
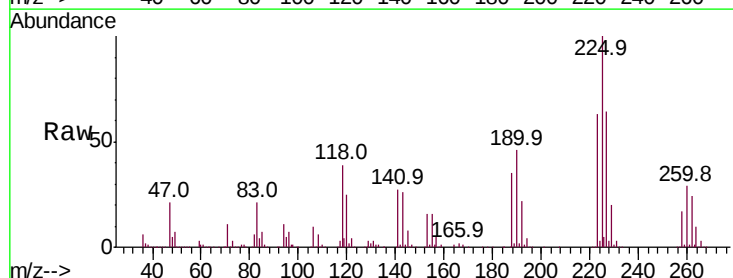
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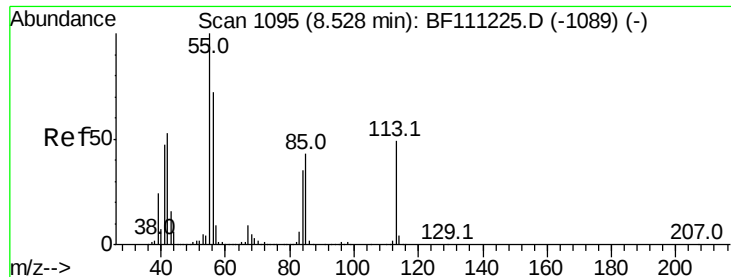
Sohil
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#34
Hexachlorobutadiene
Concen: 40.672 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	63.6	52.6	78.8





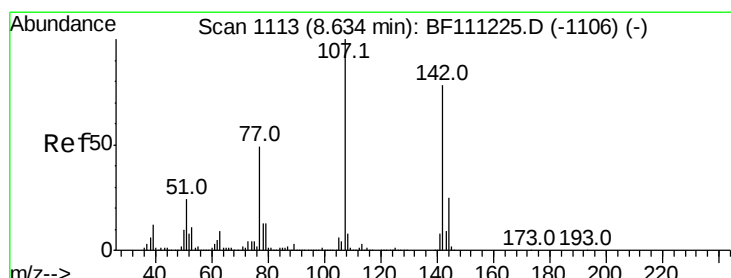
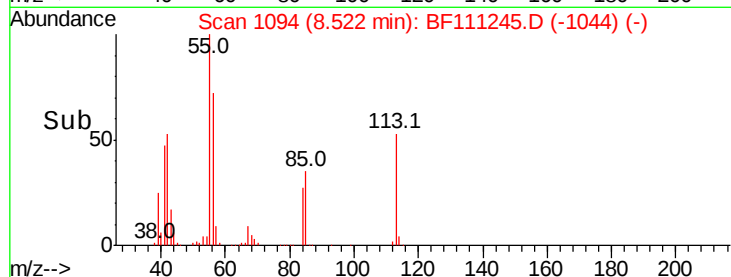
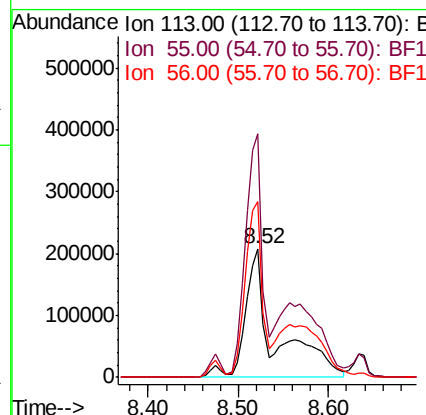
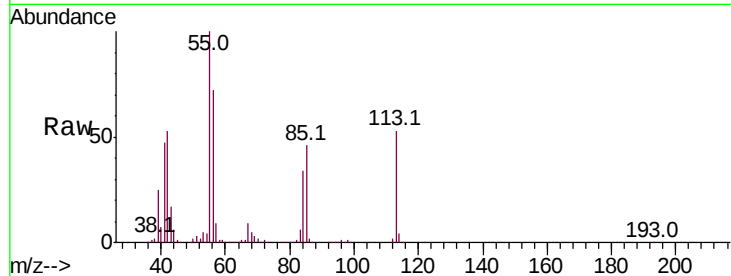
#35
Caprolactam
Concen: 43.396 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleID :
PB115384BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.7	184.1	224.1
56	136.0	126.0	166.0

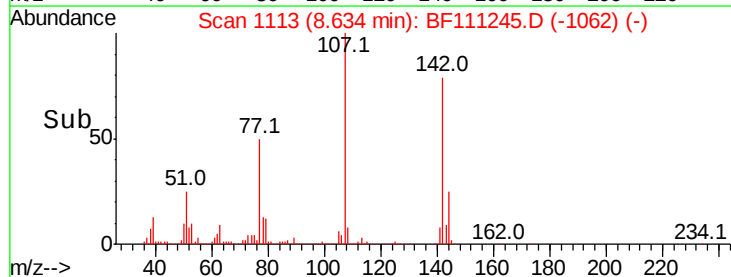
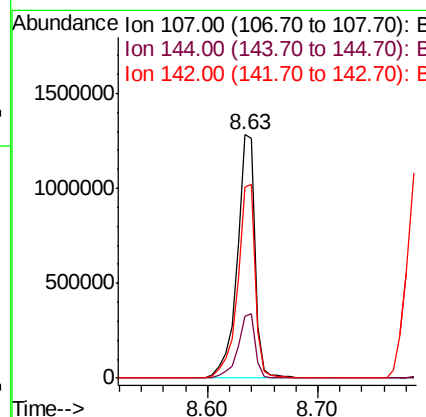
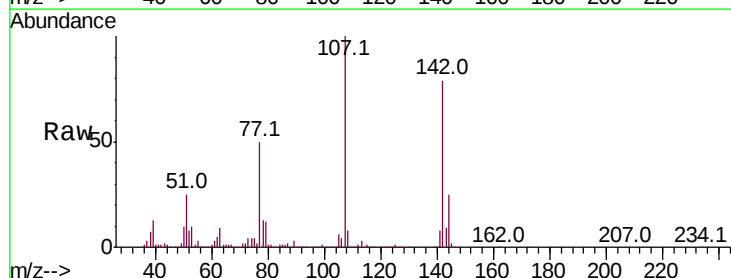
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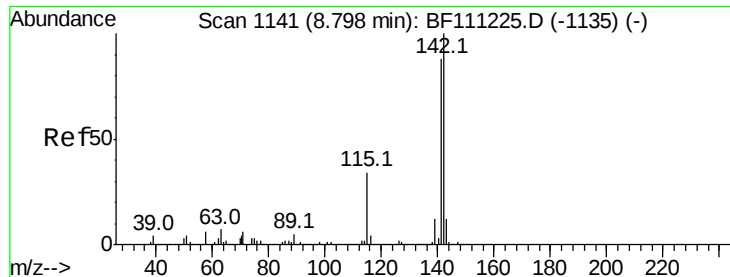
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 45.302 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	78.6	62.3	93.5





#37

2-Methylnaphthalene

Concen: 48.484 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

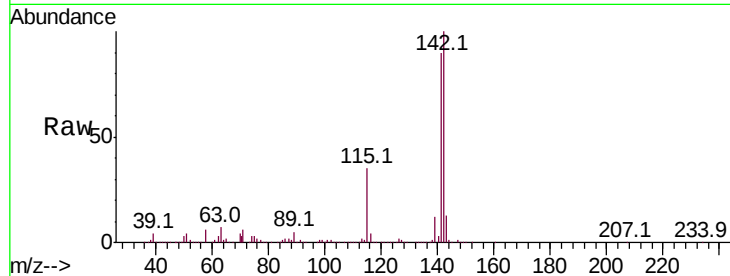
Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion:142 Resp: 3024086

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.6	105.8
115	34.9	27.0	40.6

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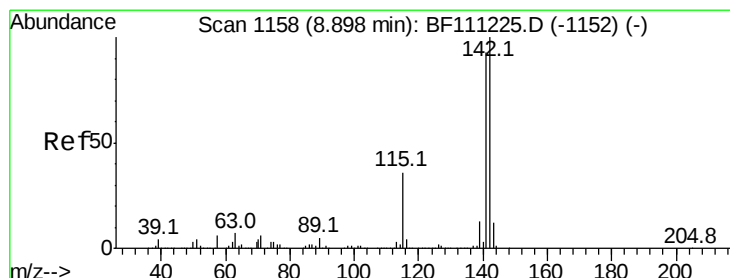
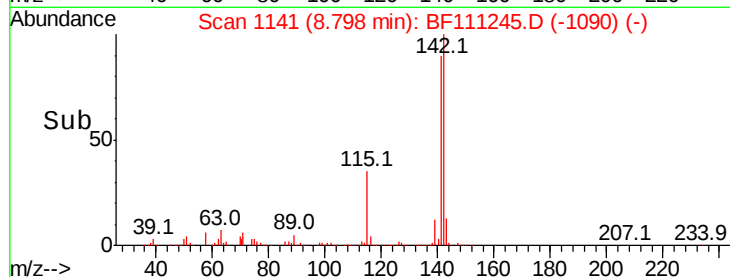
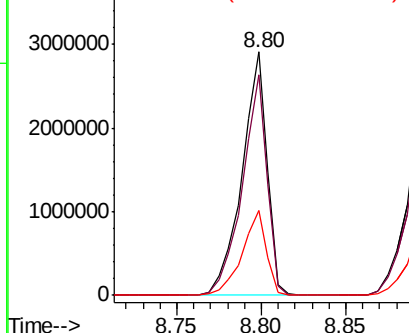


Abundance

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: 47.154 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Tgt Ion:142 Resp: 2880233

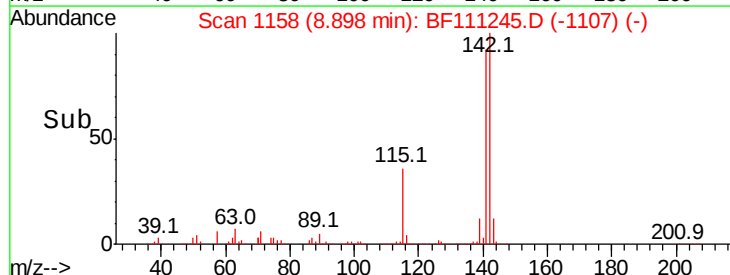
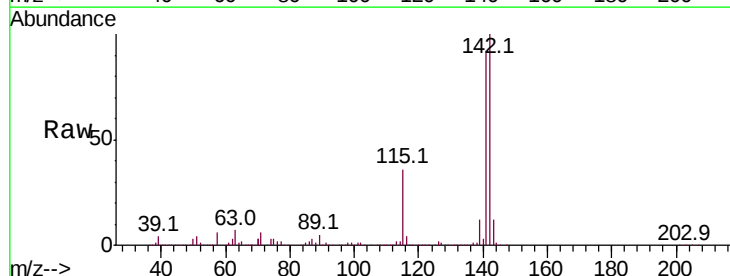
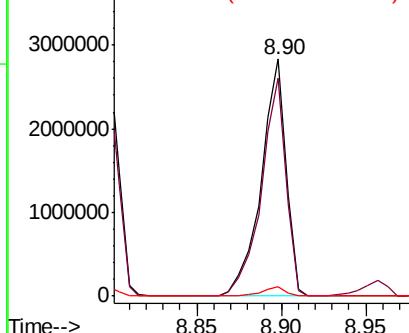
Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	3.9	2.9	4.3

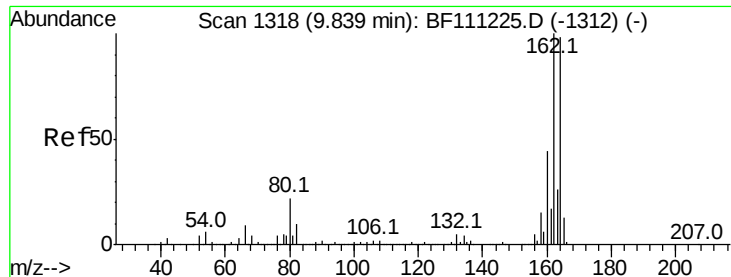
Abundance

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





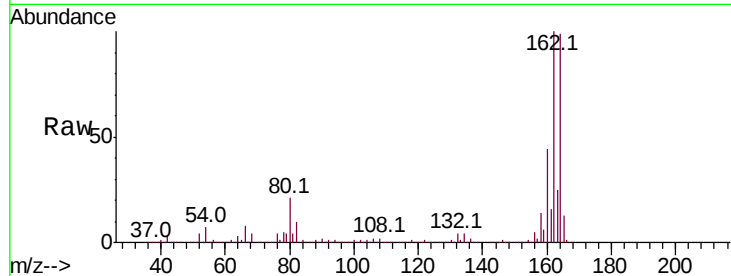
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.5	35.7	53.5

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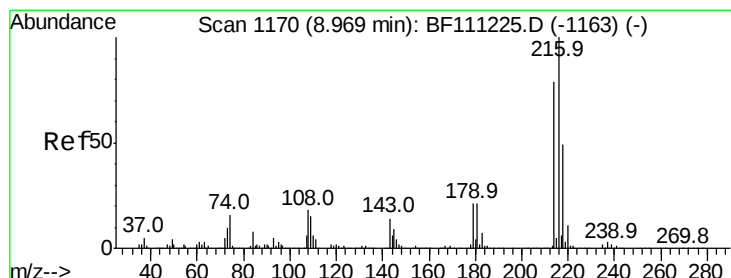
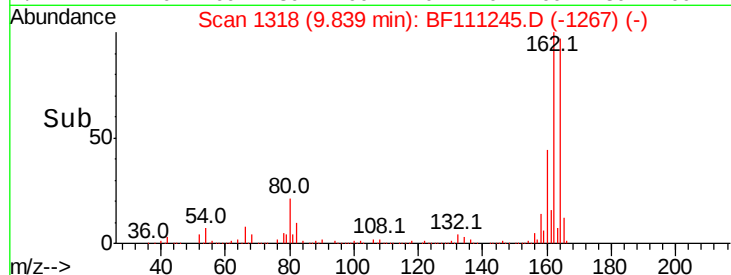
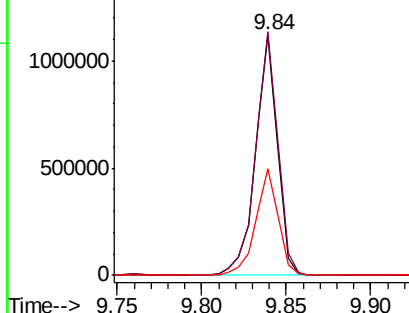


Abundance

Ion 164.00 (163.70 to 164.70): E

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: 37.407 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	22.3	17.9	26.9
108	25.3	18.4	27.6

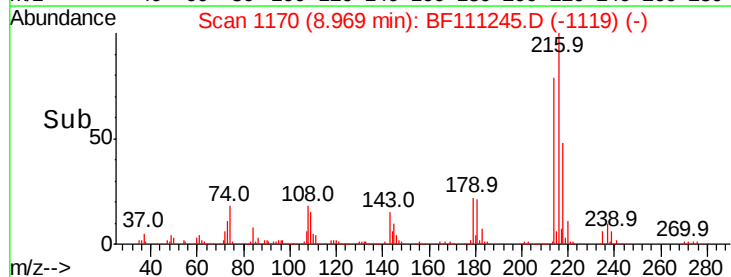
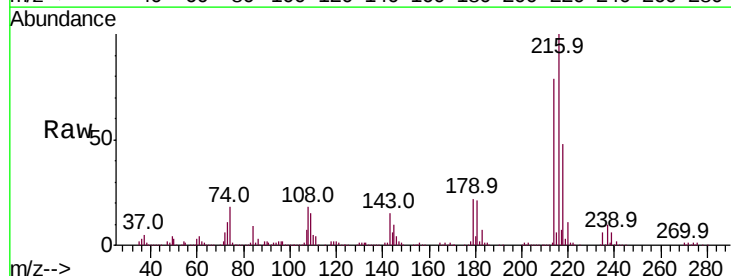
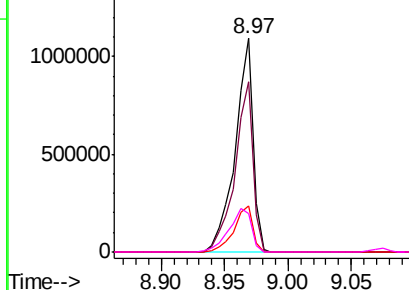
Abundance

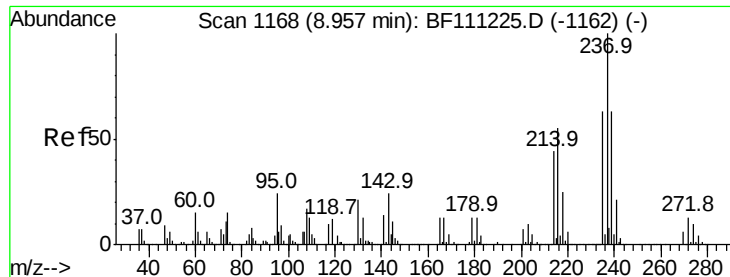
Ion 216.00 (215.70 to 216.70): E

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: 82.707 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:237 Resp: 1335800

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

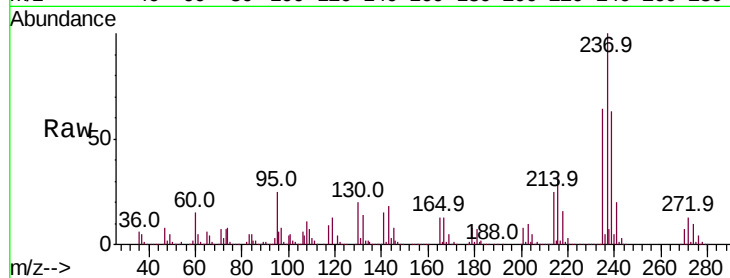
272 12.6 0.0 33.0

Manual Integrations

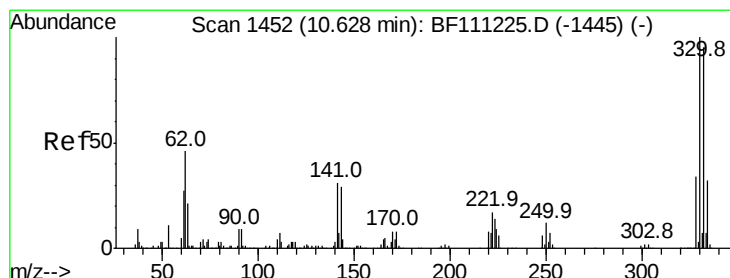
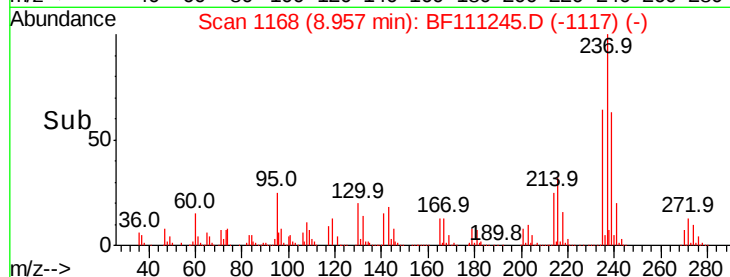
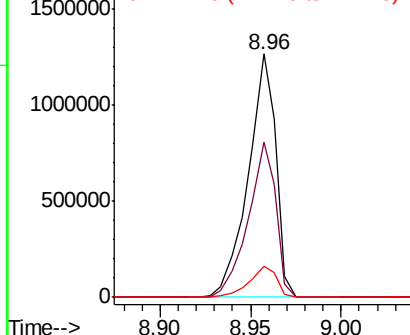
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.266 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

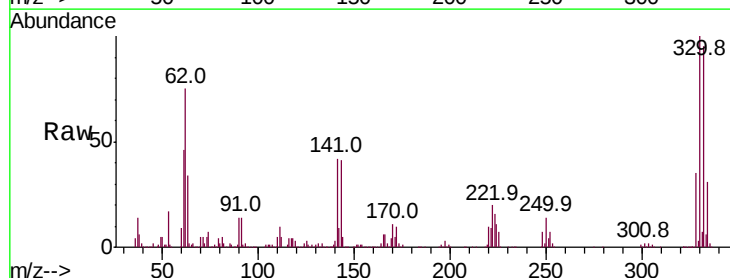
Tgt Ion:330 Resp: 1067740

Ion Ratio Lower Upper

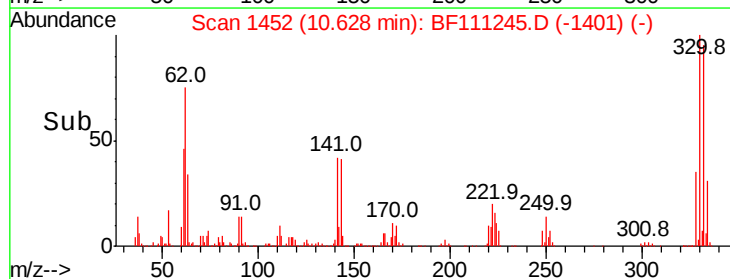
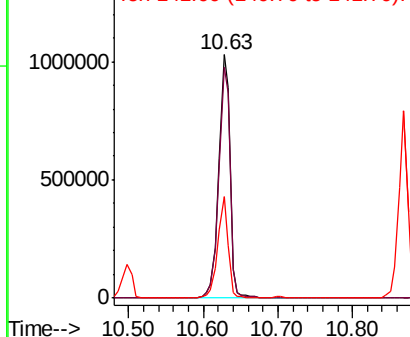
330 100

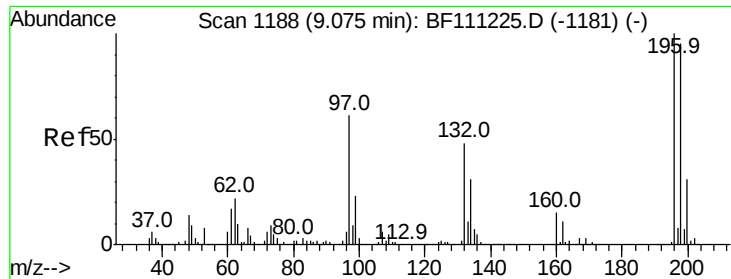
332 95.7 76.0 114.0

141 38.4 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





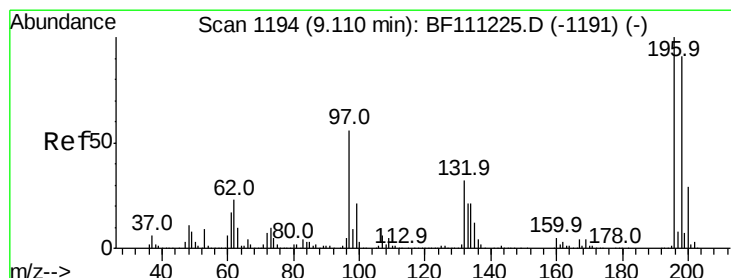
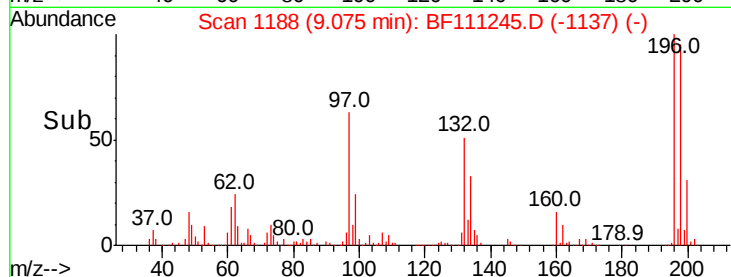
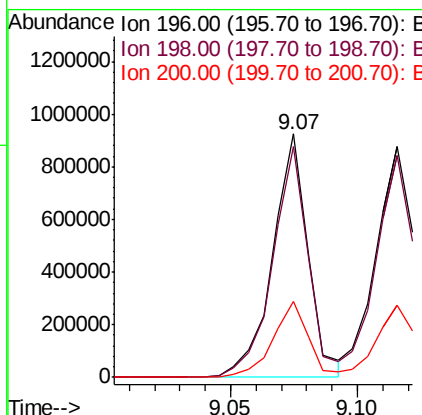
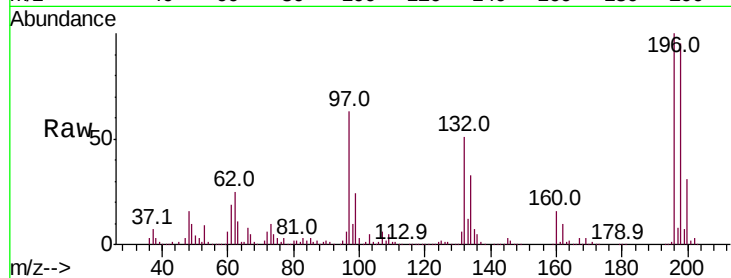
#43
 2,4,6-Trichlorophenol
 Concen: 42.002 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	894139		
198	95.0	76.3	114.5	
200	31.1	24.9	37.3	

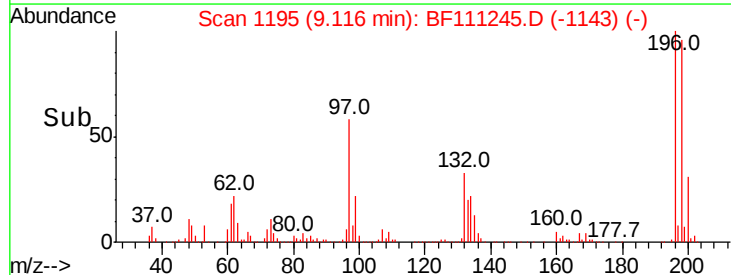
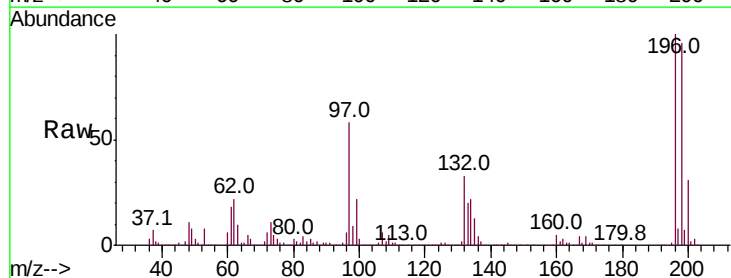
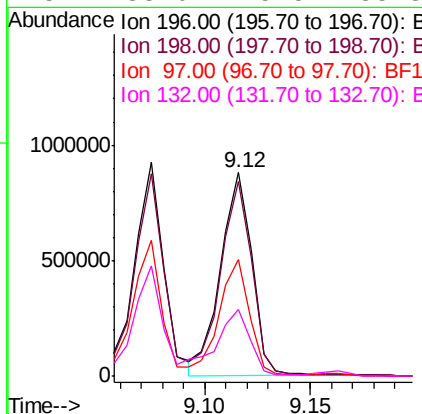
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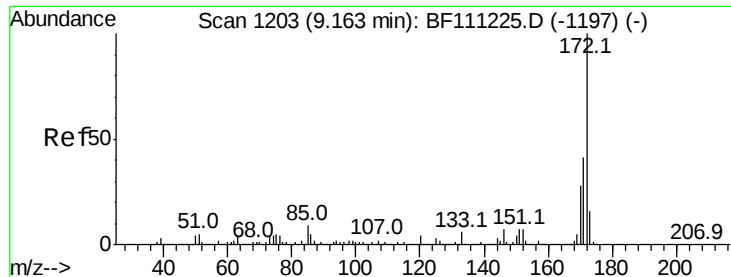
Sohil
 12/11/2018 2:23:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.814 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	905091		
198	96.1	72.9	109.3	
97	57.6	45.3	67.9	
132	33.0	25.5	38.3	





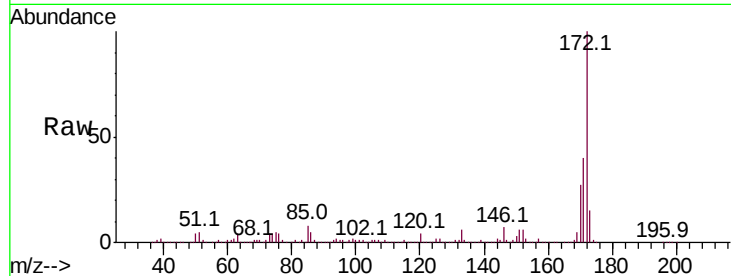
#45
2-Fluorobiphenyl
Concen: 68.616 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

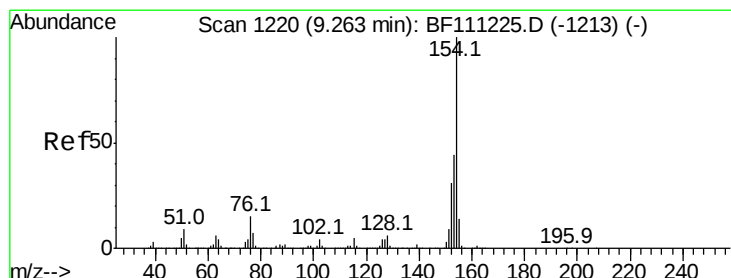
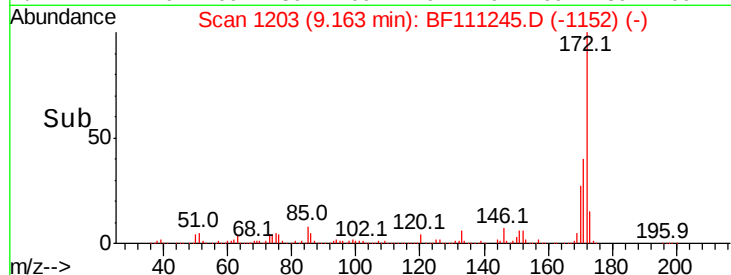
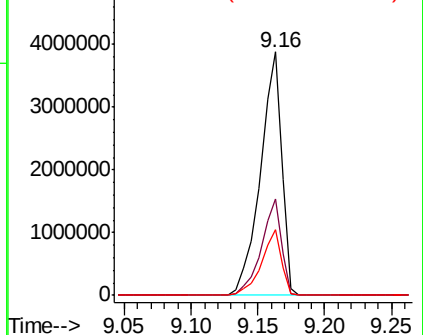
Tot Ion:172 Resp: 4268913
Ion Ratio Lower Upper
172 100
171 39.5 33.0 49.4
170 27.2 22.3 33.5

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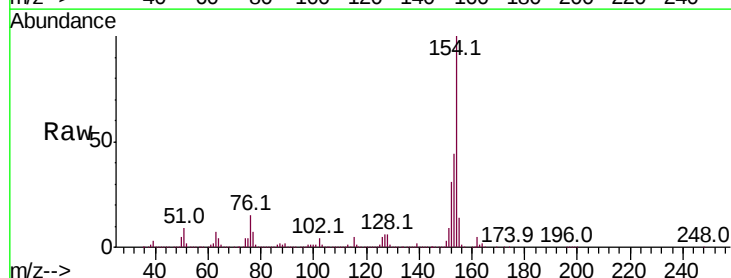


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

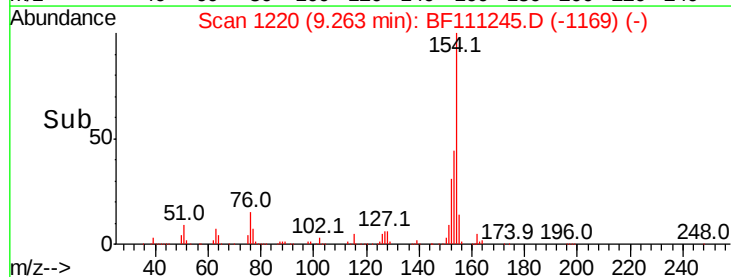
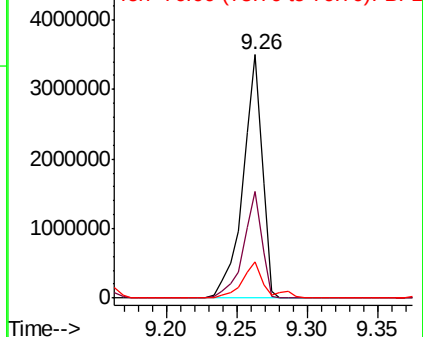


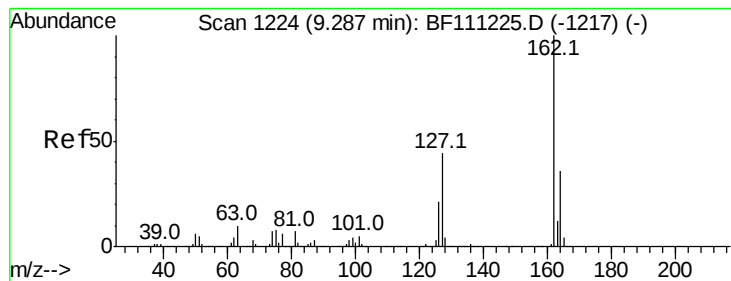
#46
1,1'-Biphenyl
Concen: 40.103 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:154 Resp: 3319447
Ion Ratio Lower Upper
154 100
153 43.8 23.7 63.7
76 14.8 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





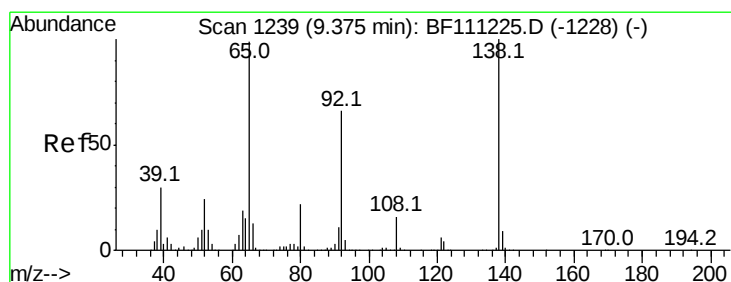
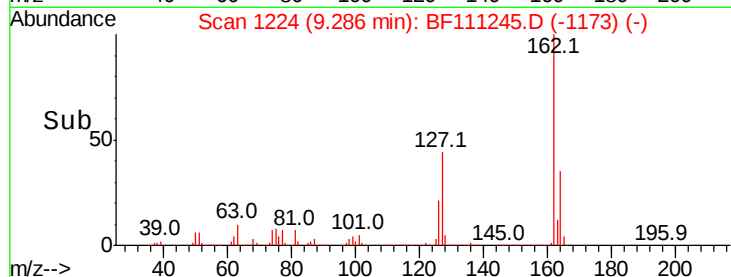
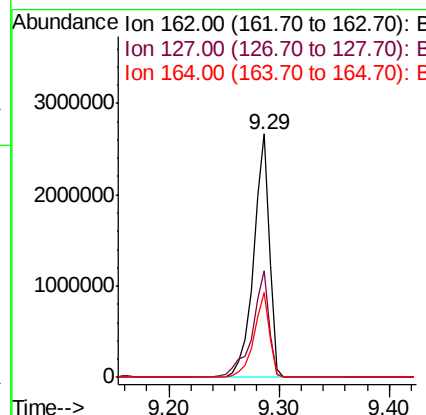
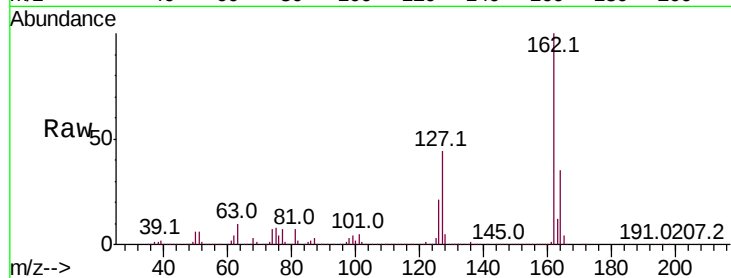
#47
 2-Chloronaphthalene
 Concen: 40.150 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	35.0	52.4
164	34.9	28.4	42.6

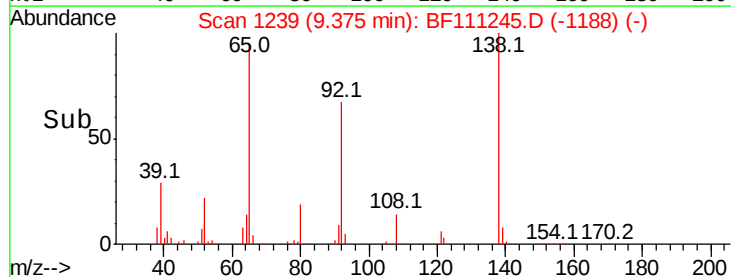
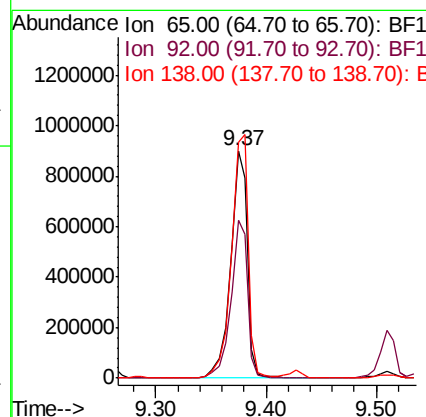
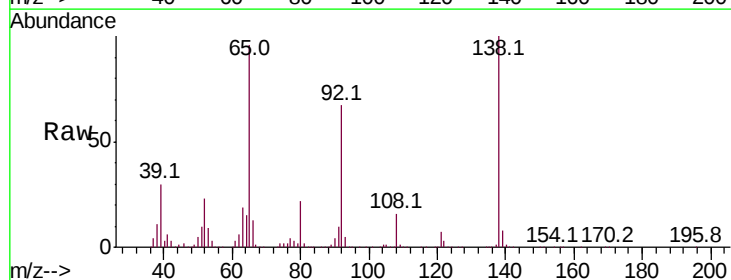
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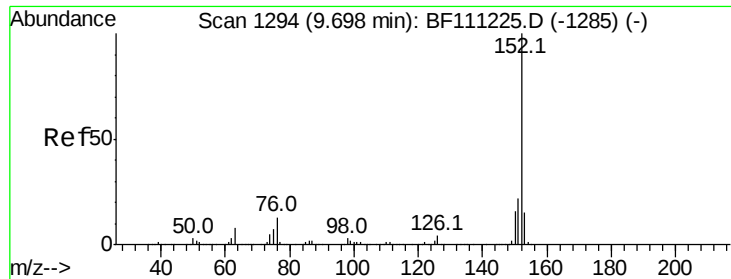
Sohil
 12/11/2018 2:23:27 PM



#48
 2-Nitroaniline
 Concen: 42.049 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.5	80.3
138	104.2	80.9	121.3





#49

Acenaphthylene

Concen: 42.988 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:152 Resp: 4161868

Ion Ratio Lower Upper

152 100

151 22.3 18.0 27.0

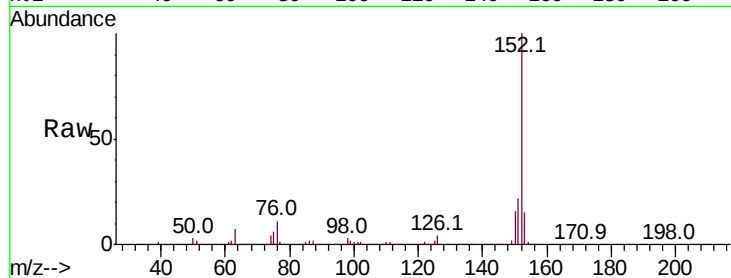
153 14.7 12.3 18.5

Manual Integrations

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Sohil

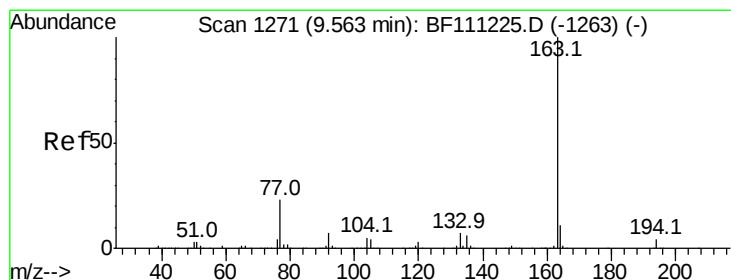
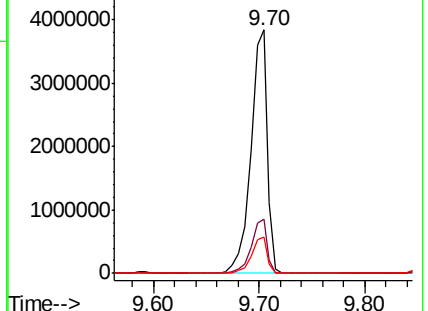
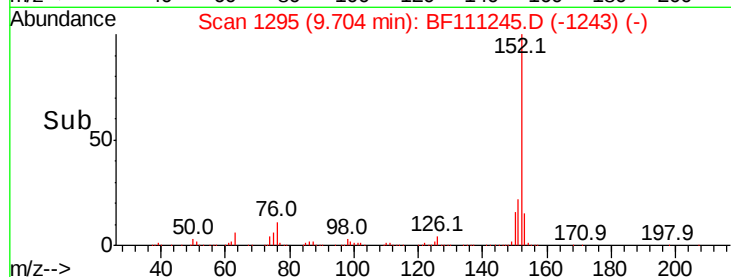
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.077 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

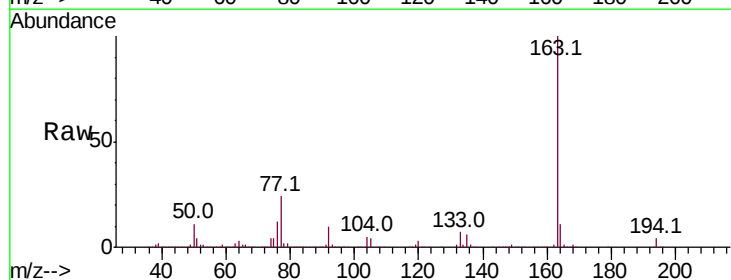
Tgt Ion:163 Resp: 3089129

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

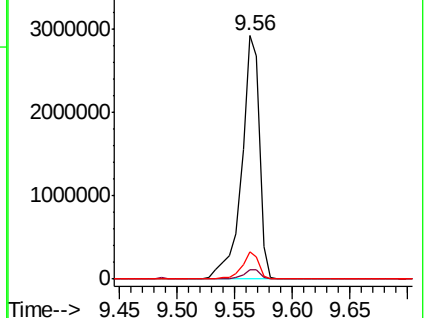
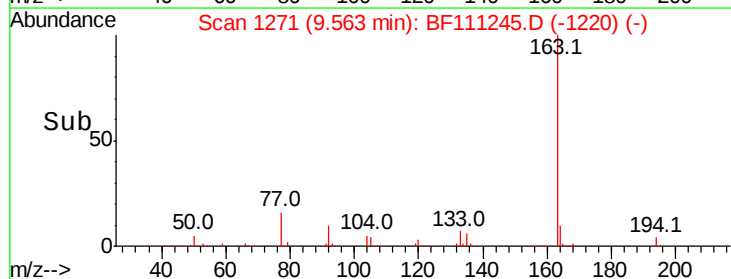
164 11.4 8.9 13.3

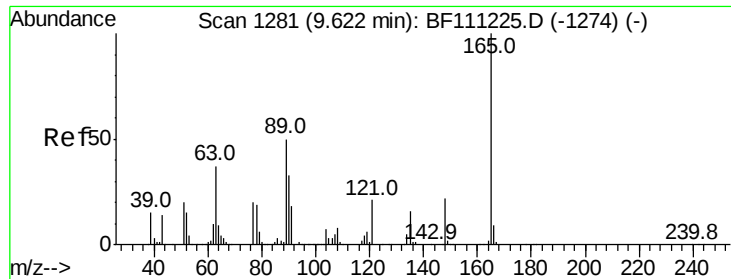


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





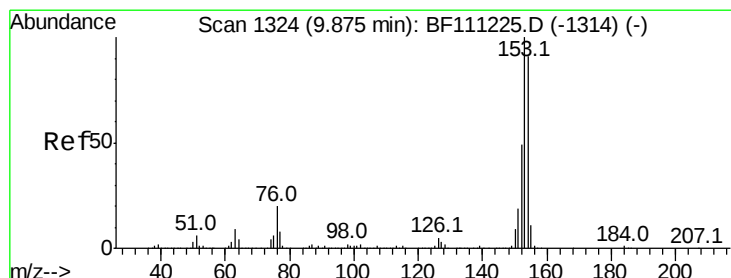
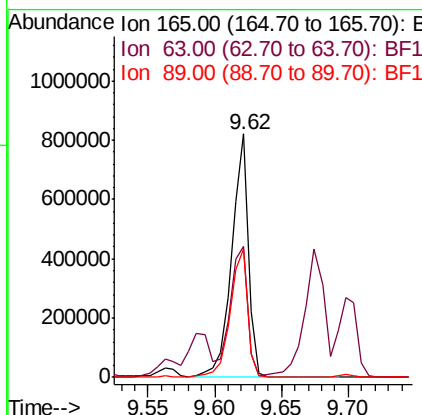
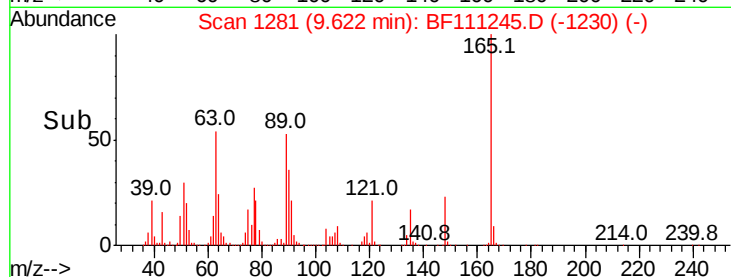
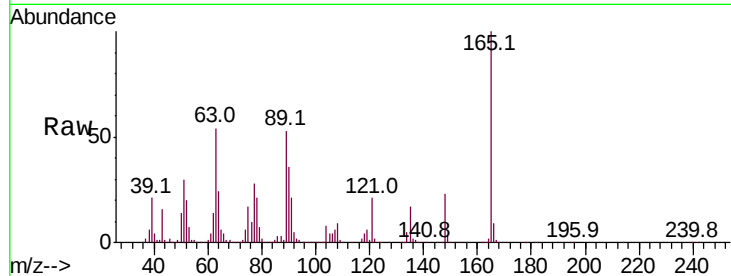
#51
2,6-Dinitrotoluene
Concen: 44.072 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	731935		
63	53.9		40.5	60.7
89	52.9		40.0	60.0

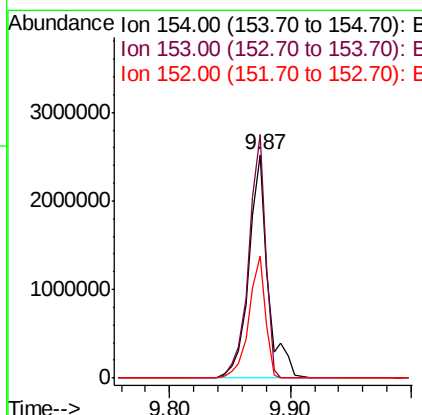
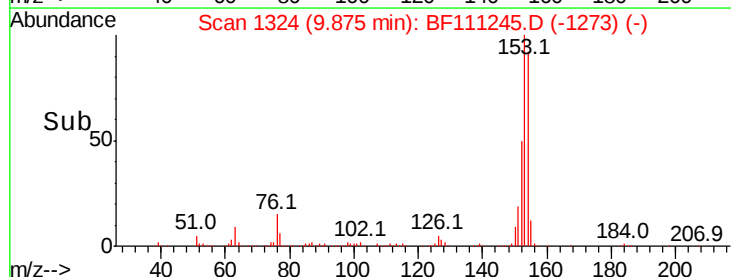
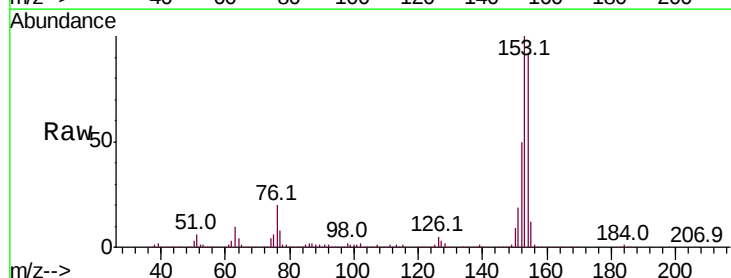
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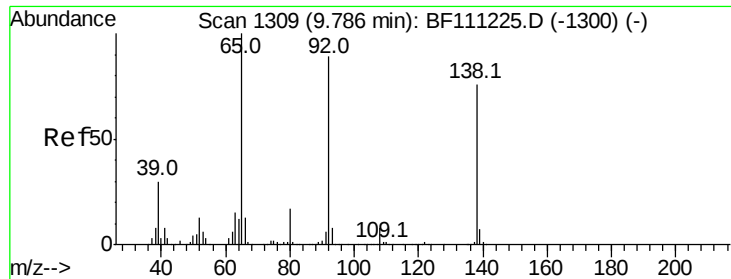
Sohil
12/11/2018 2:23:27 PM



#52
Acenaphthene
Concen: 45.941 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2791172		
153	108.9		87.8	131.8
152	54.6		43.4	65.2





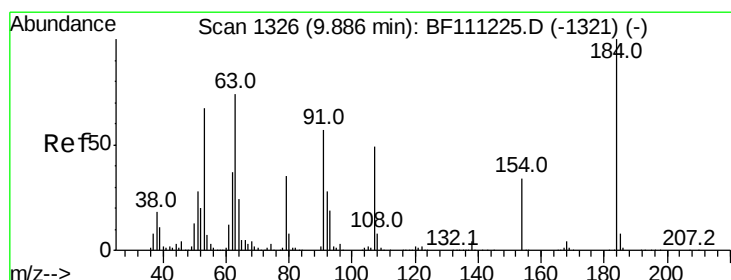
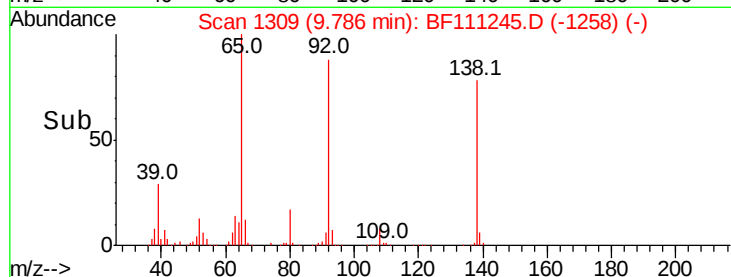
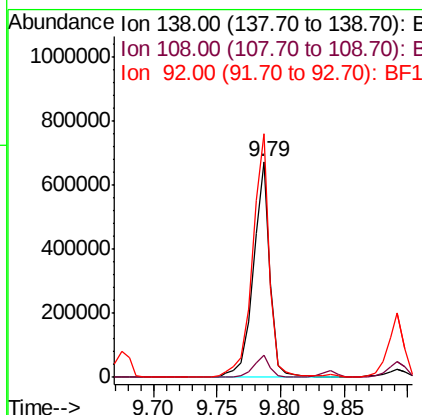
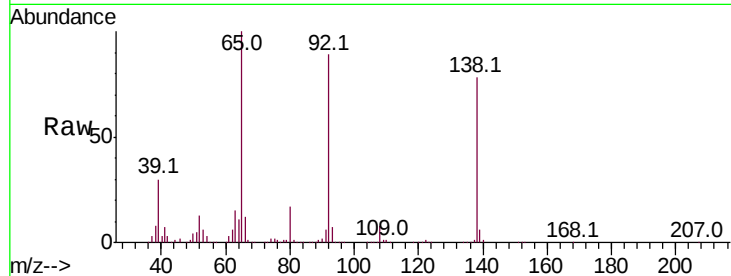
#53
3-Nitroaniline
Concen: 30.131 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.4
92	113.0	93.4	140.2

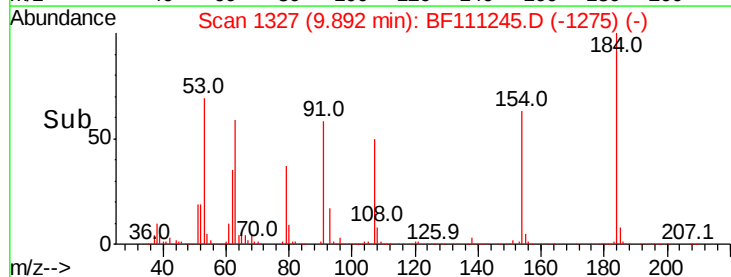
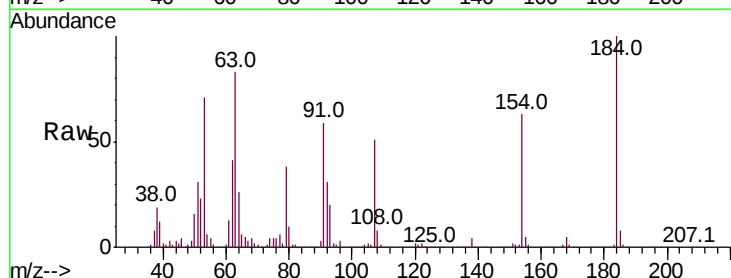
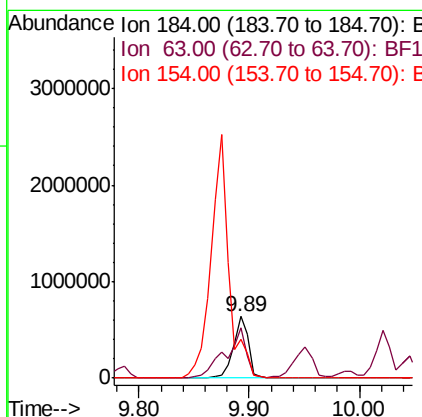
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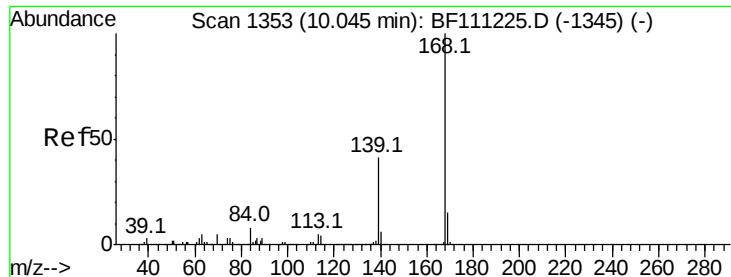
Sohil
12/11/2018 2:23:27 PM



#54
2,4-Dinitrophenol
Concen: 93.997 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.5	62.3	93.5
154	62.7	56.2	84.2





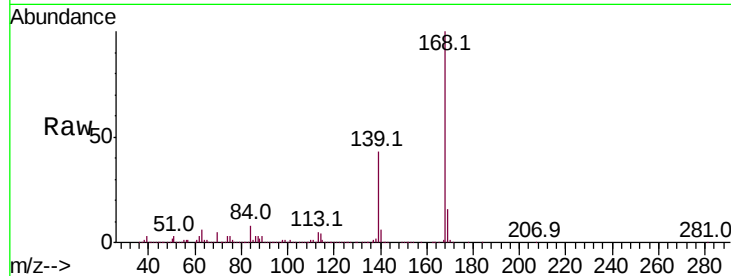
#55
Dibenzenofuran
Concen: 43.771 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.6	49.0
169	15.6	11.8	17.6

Manual Integrations
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Sohil
12/11/2018 2:23:27 PM

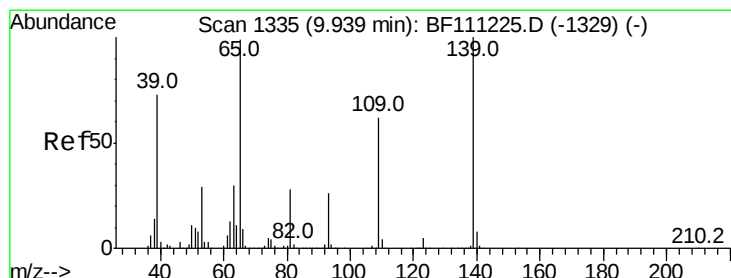
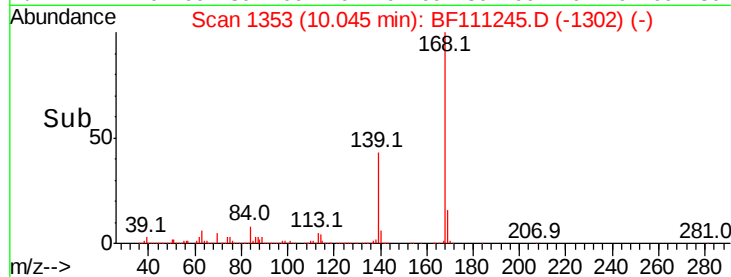
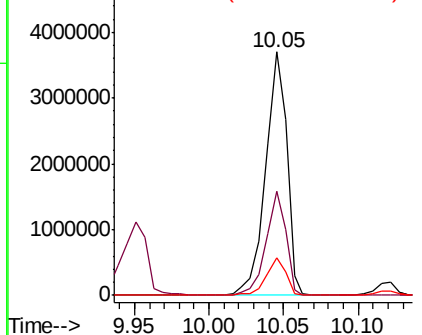


Abundance

Ion 168.00 (167.70 to 168.70): E

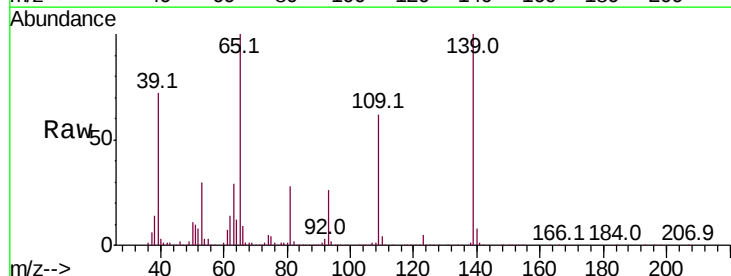
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.661 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	41.8	81.8
65	100.2	79.6	119.6

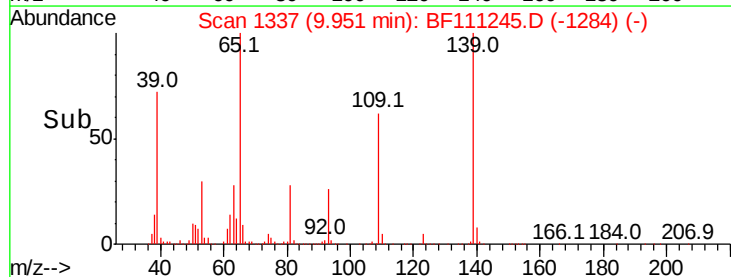
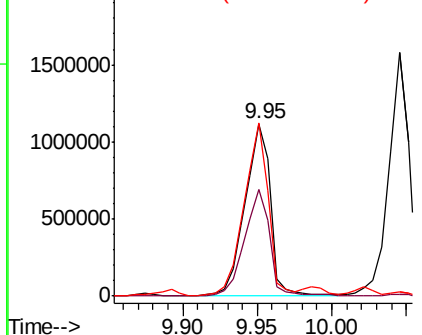


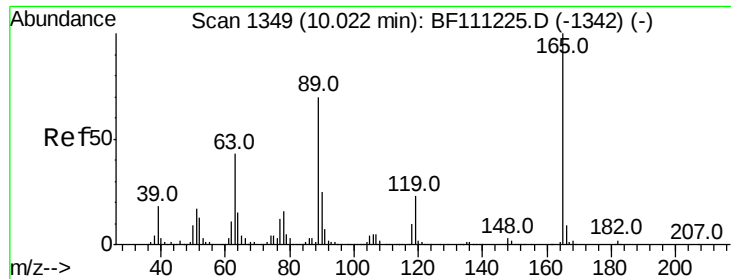
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





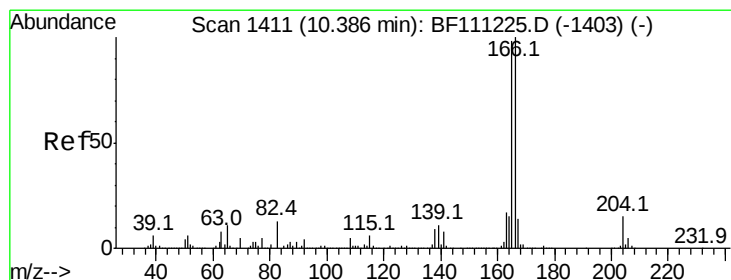
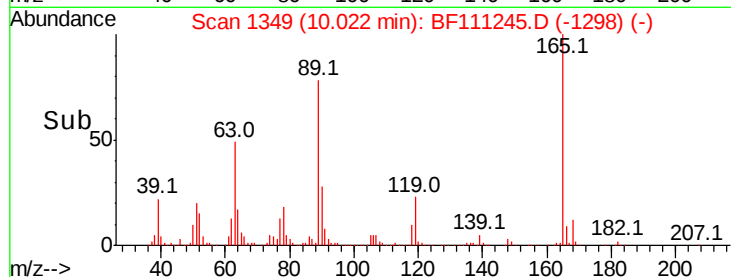
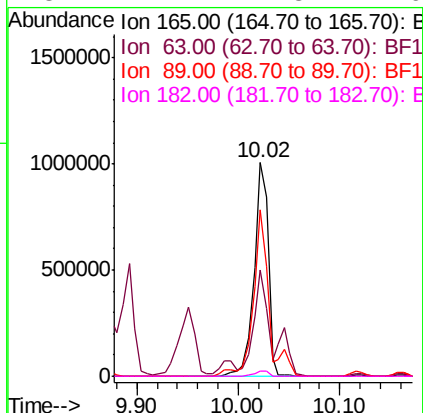
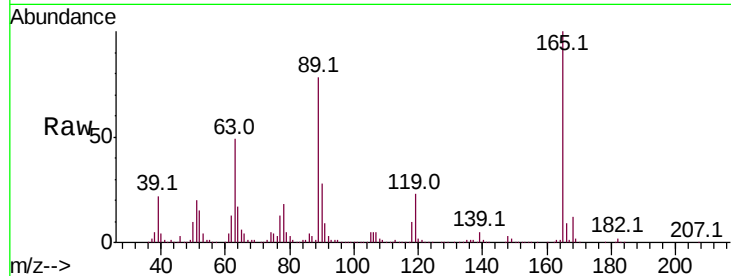
#57
2,4-Dinitrotoluene
Concen: 47.589 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	34.6	52.0	
89	77.9	56.2	84.4	
182	2.4	1.8	2.6	

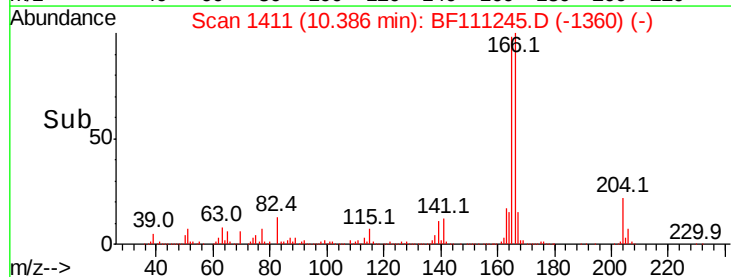
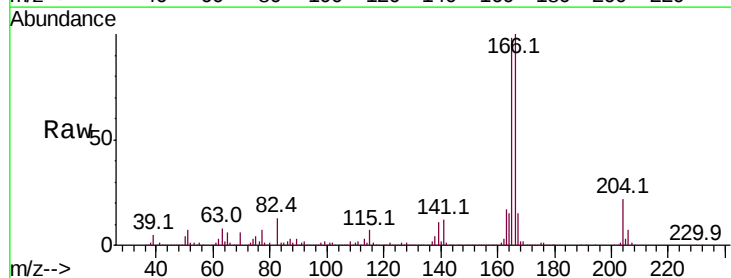
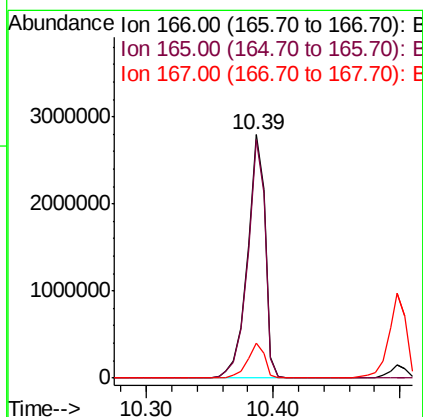
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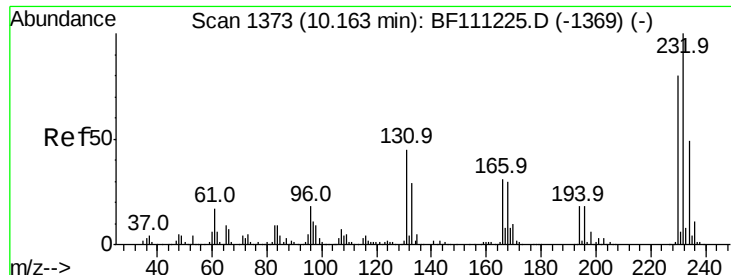
Sohil
12/11/2018 2:23:27 PM



#58
Fluorene
Concen: 42.059 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	78.4	117.6	
167	14.6	11.2	16.8	





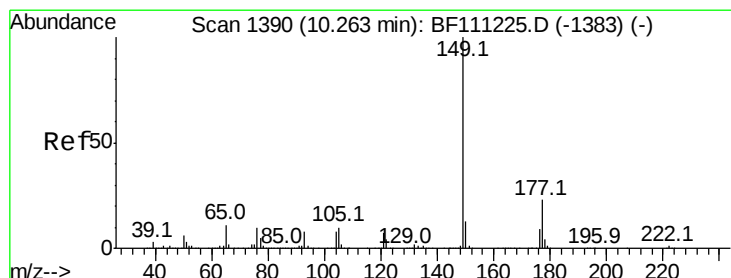
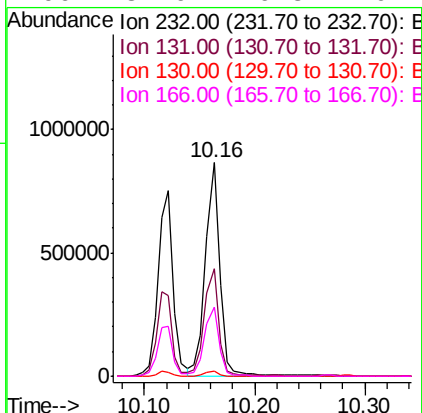
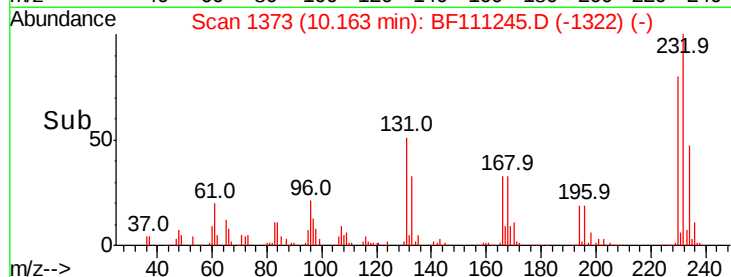
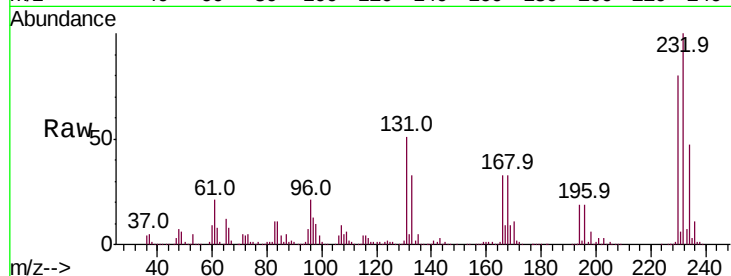
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.080 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	757766		
131	51.0		40.9	61.3
130	2.4		2.0	3.0
166	32.9		26.8	40.2

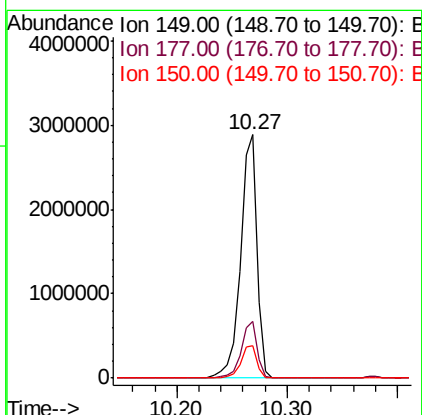
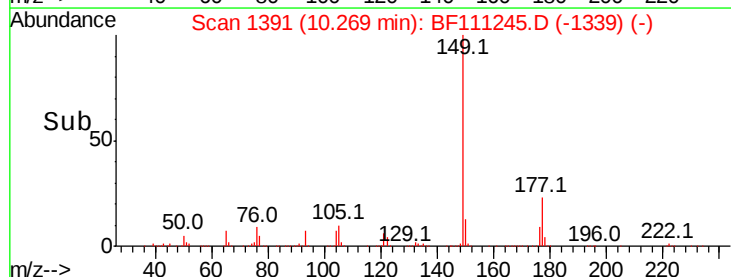
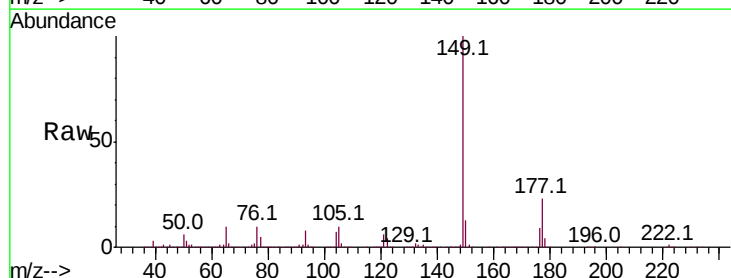
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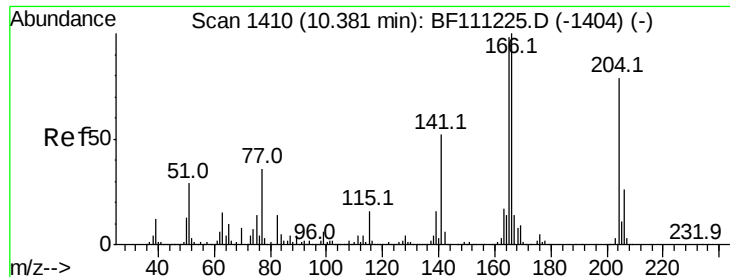
Sohil
12/11/2018 2:23:27 PM



#60
Diethylphthalate
Concen: 41.784 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2995763		
177	23.1		18.3	27.5
150	13.4		10.6	15.8





#61
 4-Chlorophenyl-phenylether
 Concen: 38.373 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

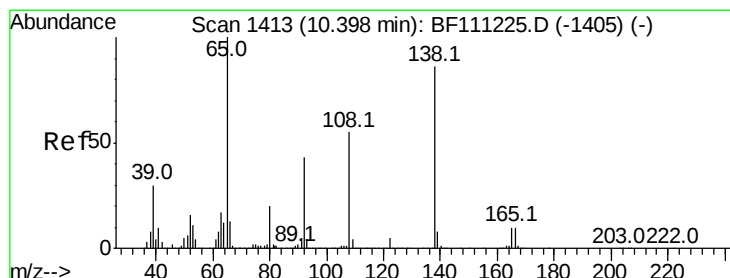
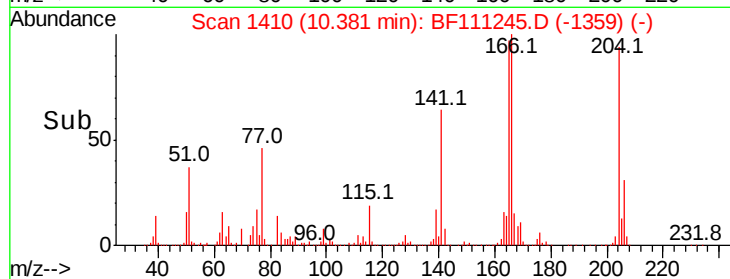
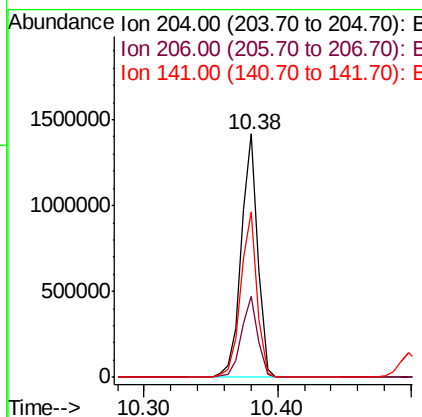
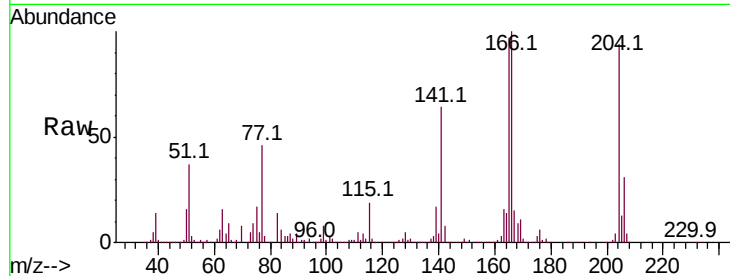
Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tot Ion: 204 Resp: 1218623

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	68.0	52.6	78.8

Manual Integrations
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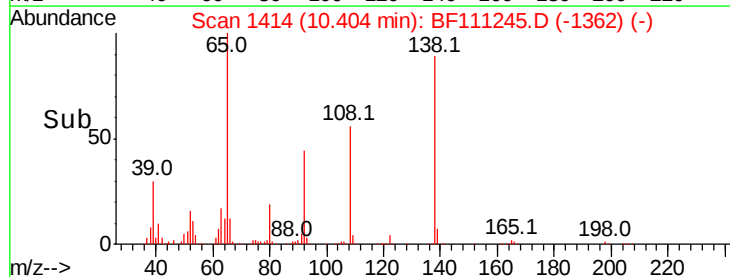
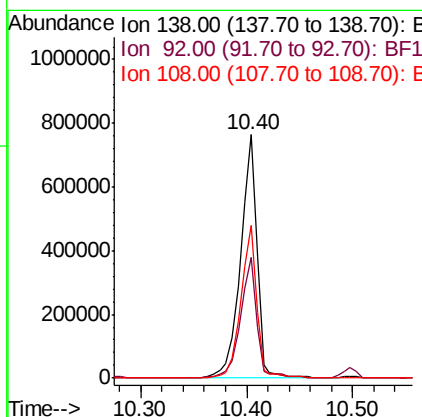
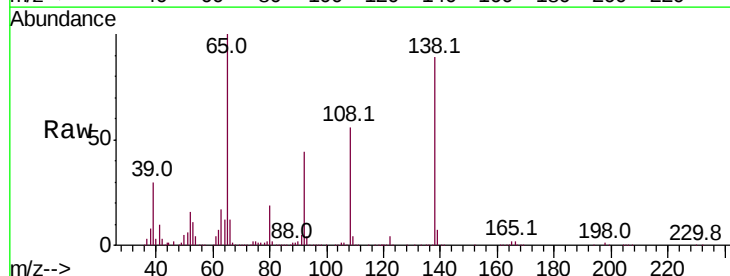
Sohil
 12/11/2018 2:23:27 PM

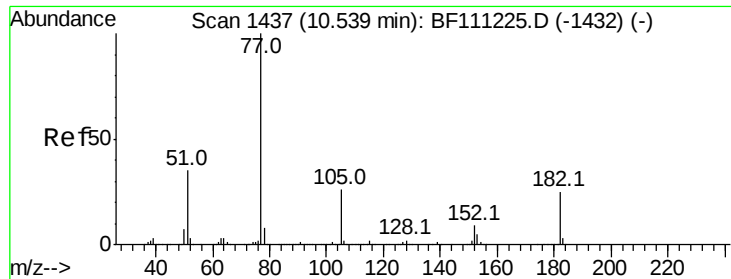


#62
 4-Nitroaniline
 Concen: 42.129 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion: 138 Resp: 817138

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.9	69.9
108	62.6	43.2	83.2





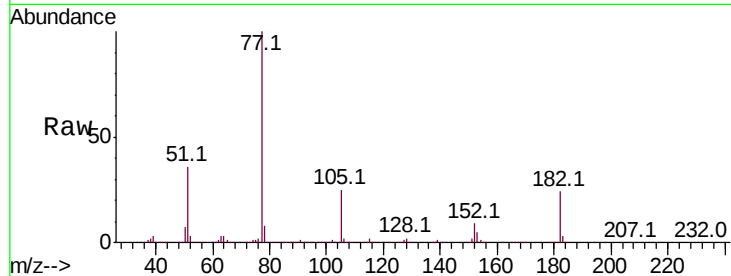
#63
Azobenzene
Concen: 41.644 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

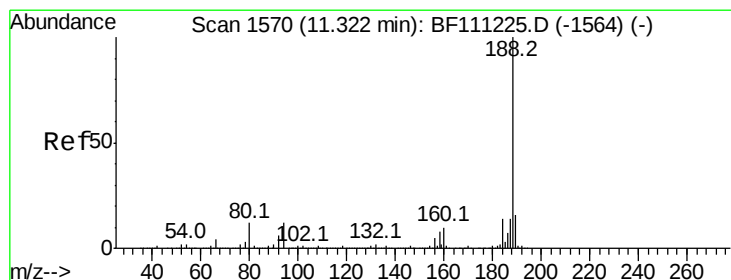
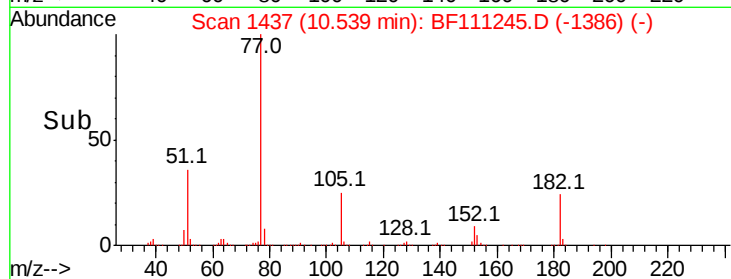
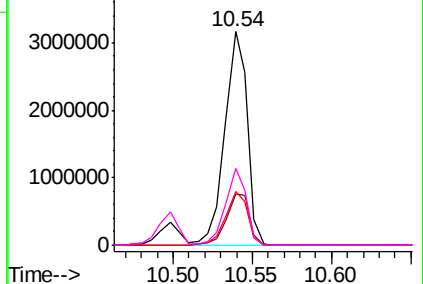
Tot Ion: 77 Resp: 3099840
Ion Ratio Lower Upper
77 100
182 23.8 4.9 44.9
105 25.1 6.0 46.0
51 35.9 14.7 54.7

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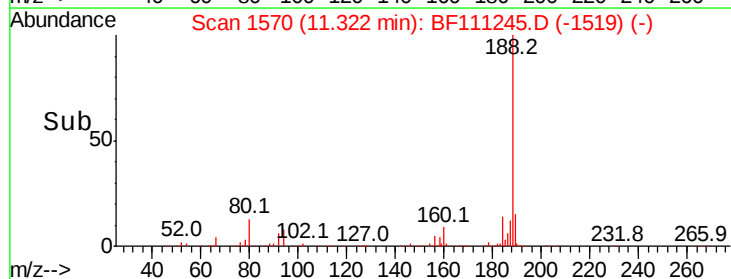
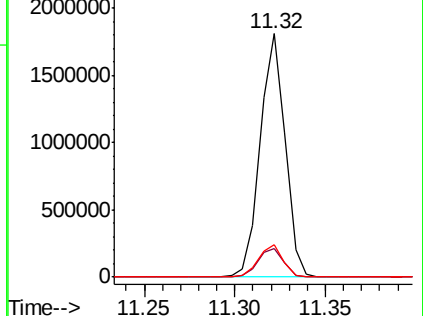
Abundance Ion 77.00 (76.70 to 77.70): BF1
5000000
Ion 182.00 (181.70 to 182.70): BF1
4000000
Ion 105.00 (104.70 to 105.70): BF1
3000000
Ion 51.00 (50.70 to 51.70): BF1
2000000
1000000
0

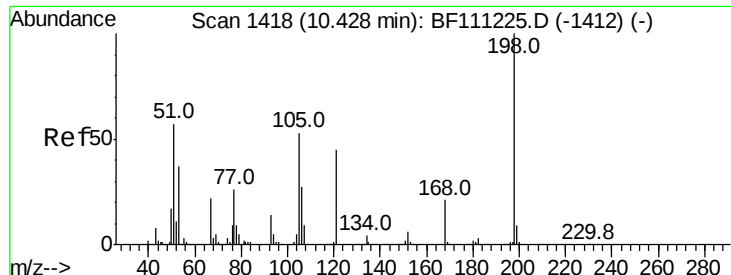


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 188 Resp: 1737435
Ion Ratio Lower Upper
188 100
94 11.9 9.6 14.4
80 13.1 9.8 14.6

Abundance Ion 188.00 (187.70 to 188.70): BF1
2500000
Ion 94.00 (93.70 to 94.70): BF1
2000000
Ion 80.00 (79.70 to 80.70): BF1
1500000
1000000
500000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 39.240 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

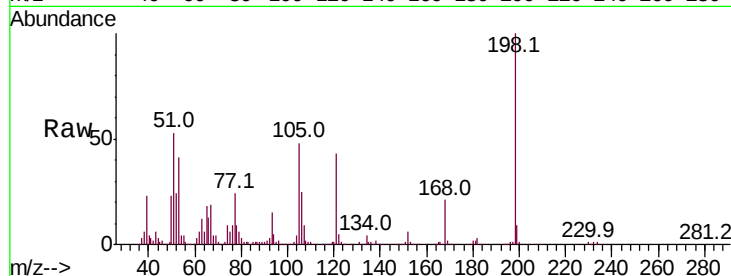
ClientSampleId :

PB115384BS

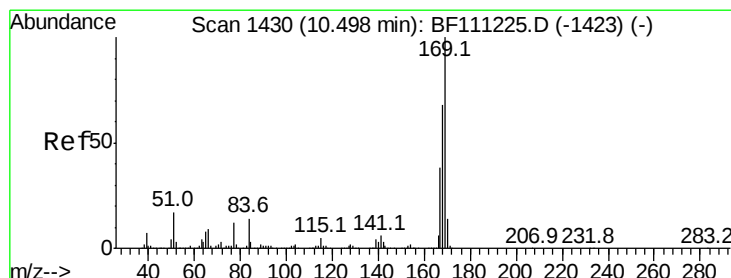
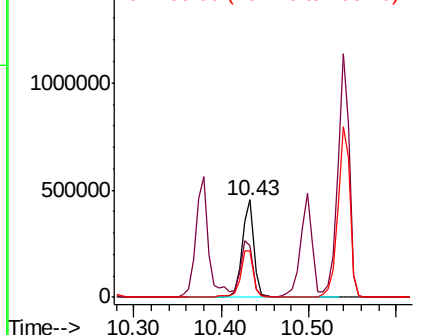
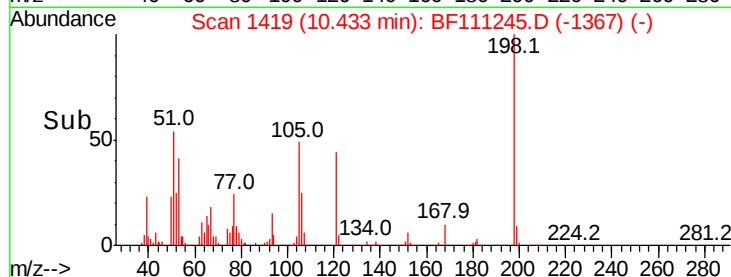
Tot Ion:	198	Resp:	401719
Ion Ratio	Lower	Upper	
198	100		
51	53.2	48.0	88.0
105	47.9	34.0	74.0

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



#66

n-Nitrosodiphenylamine

Concen: 43.010 ng

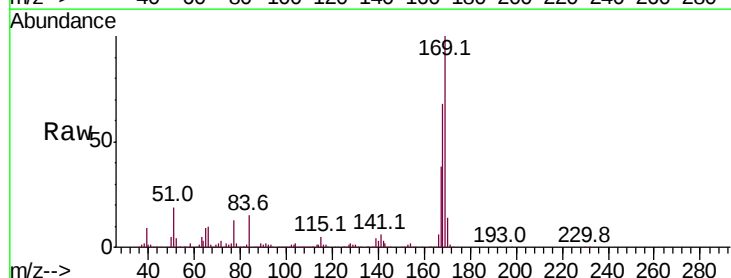
RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

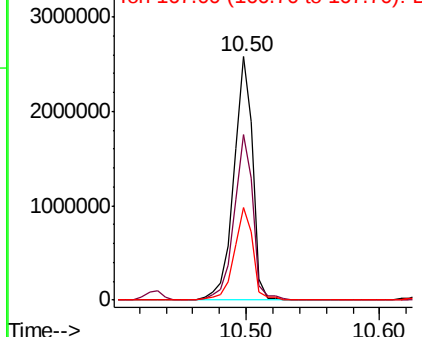
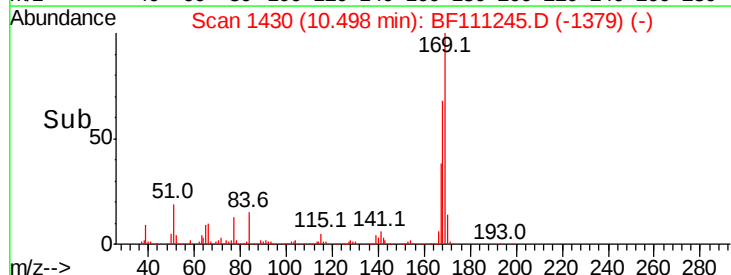
Lab File: BF111245.D

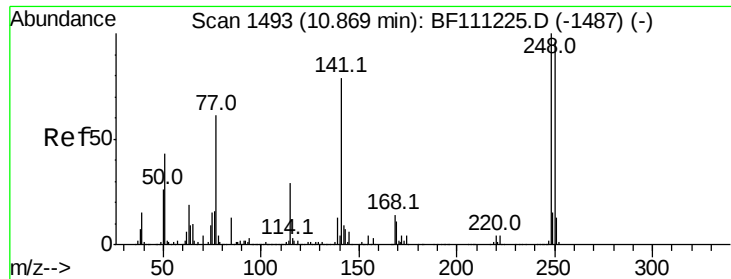
Acq: 10 Dec 2018 16:39

Tgt Ion:	169	Resp:	2543779
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	38.0	30.5	45.7



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





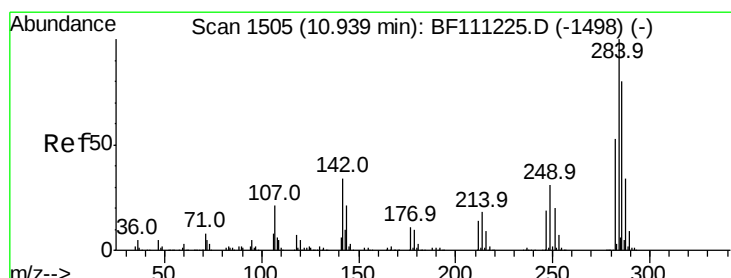
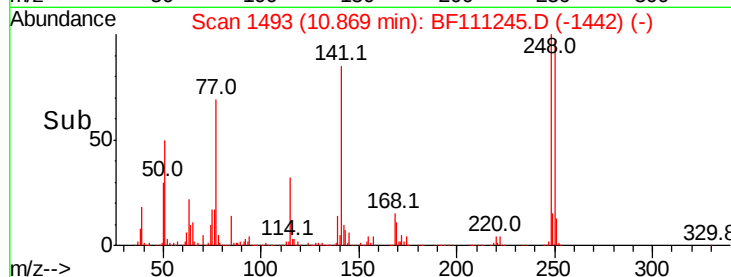
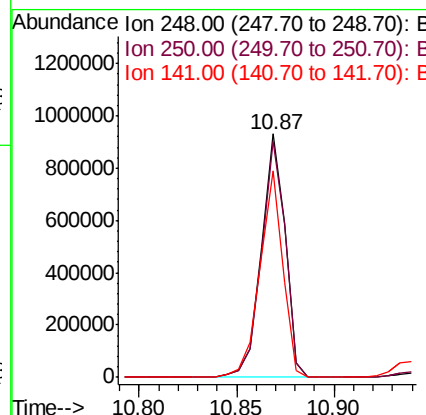
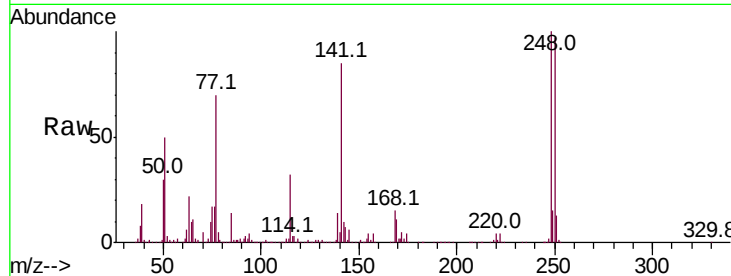
#67
4-Bromophenyl-phenylether
Concen: 41.308 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	85.1	63.0	94.6

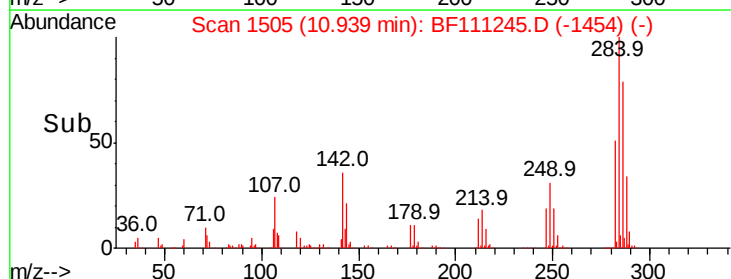
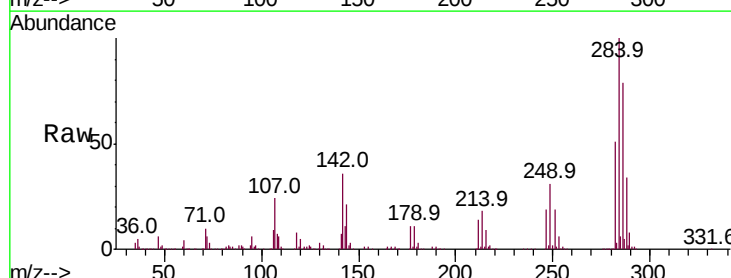
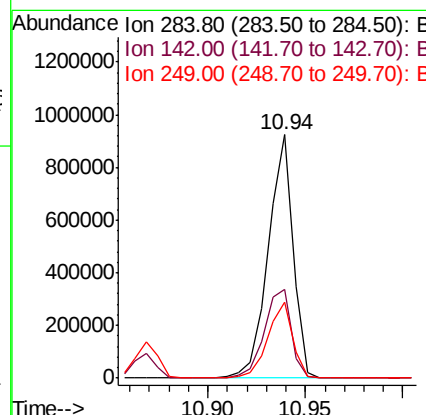
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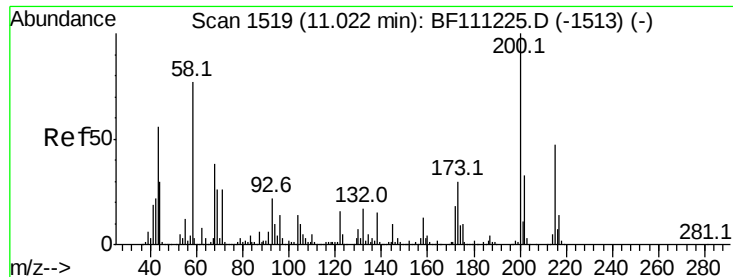
Sohil
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#68
Hexachlorobenzene
Concen: 41.961 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.4	41.2
249	31.3	24.4	36.6





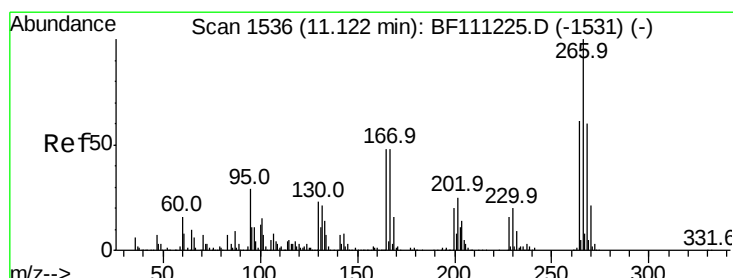
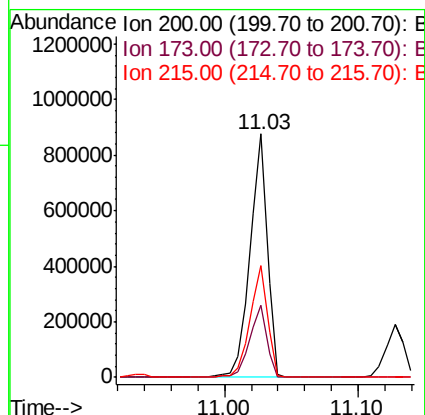
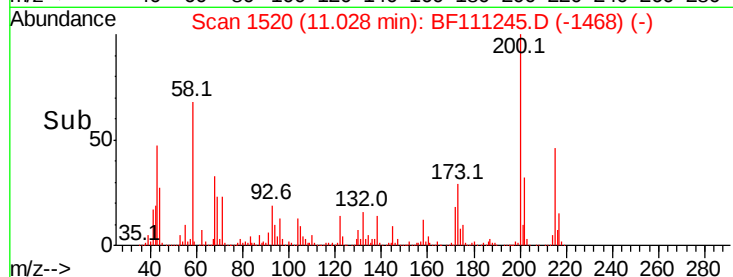
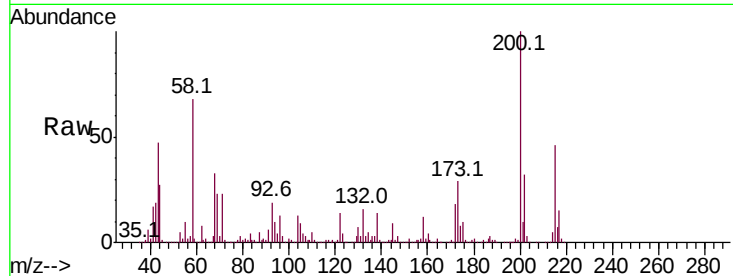
#69
Atrazine
Concen: 43.112 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	10.1	50.1
215	45.8	26.9	66.9

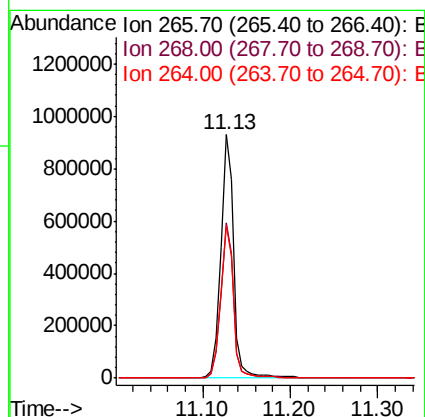
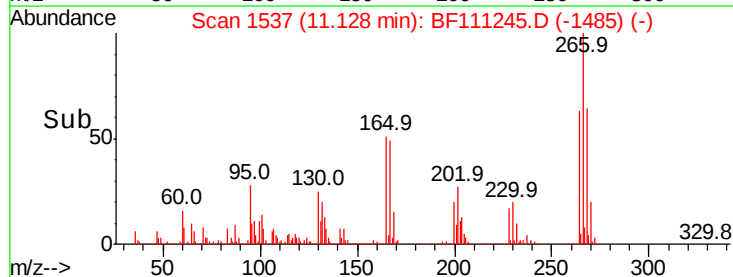
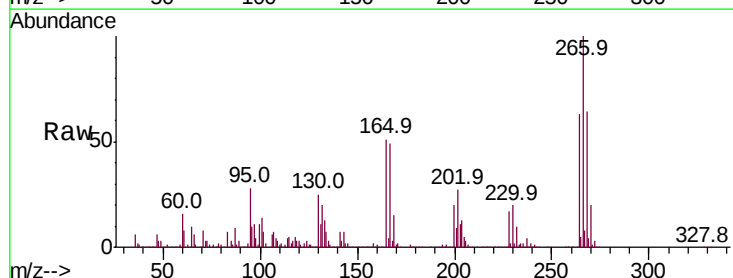
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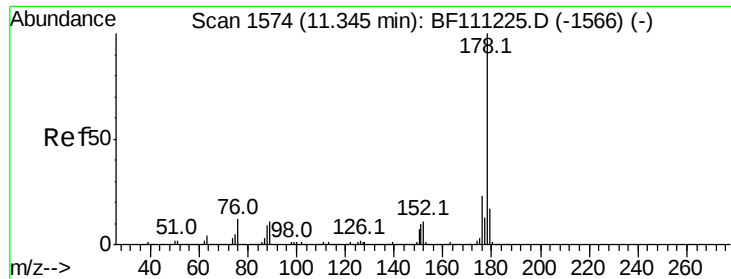
Sohil
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#70
Pentachlorophenol
Concen: 68.189 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	47.9	71.9
264	63.0	49.1	73.7





#71

Phenanthrene

Concen: 42.457 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:178 Resp: 3720687

Ion Ratio Lower Upper

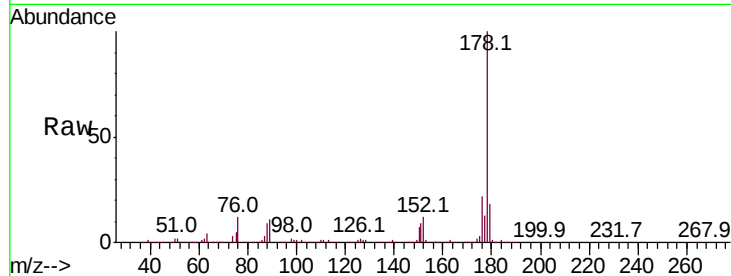
178 100

176 22.2 18.1 27.1

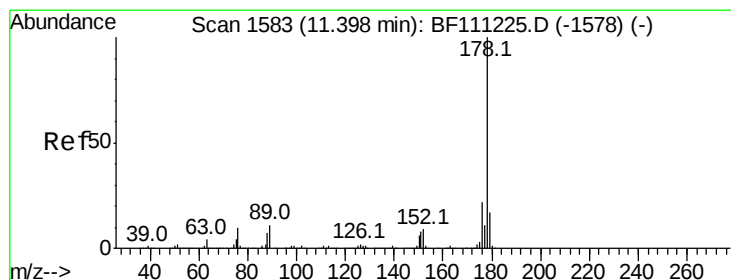
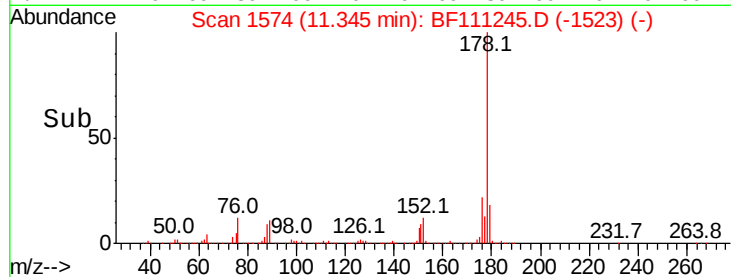
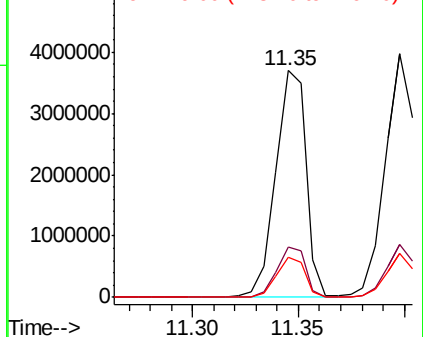
179 17.7 14.0 21.0

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



#72

Anthracene

Concen: 42.161 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Tgt Ion:178 Resp: 3865473

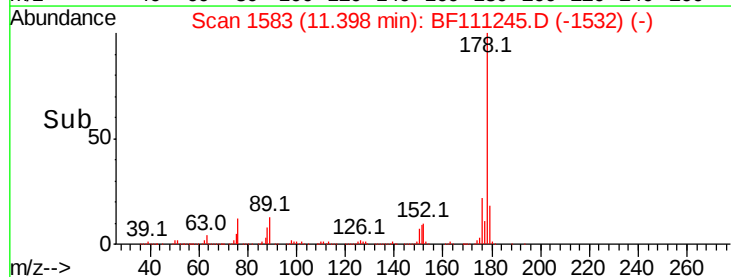
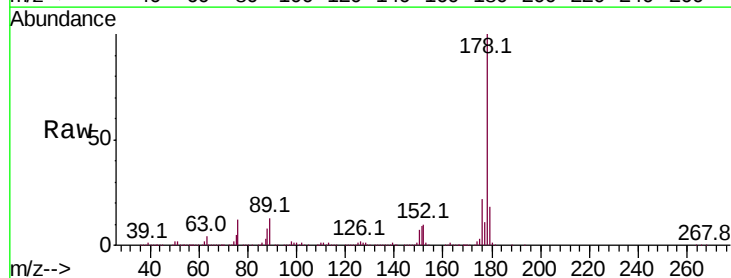
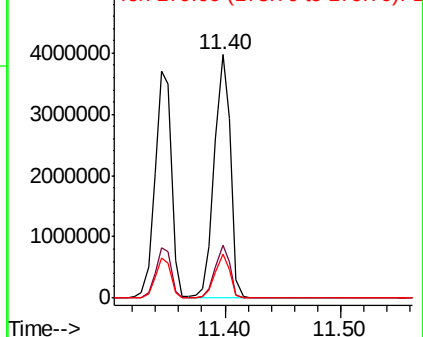
Ion Ratio Lower Upper

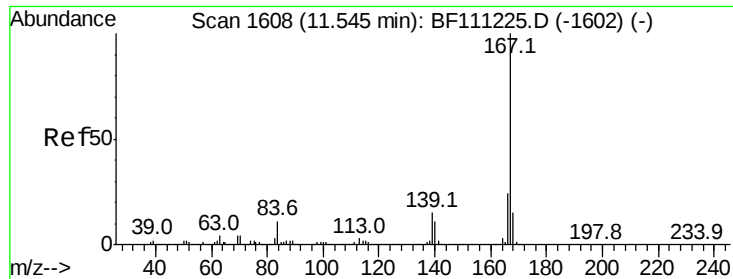
178 100

176 21.8 17.2 25.8

179 17.8 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





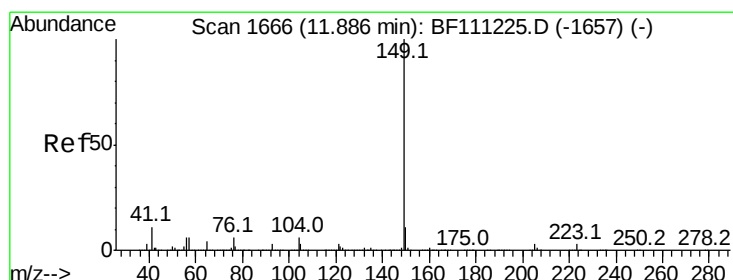
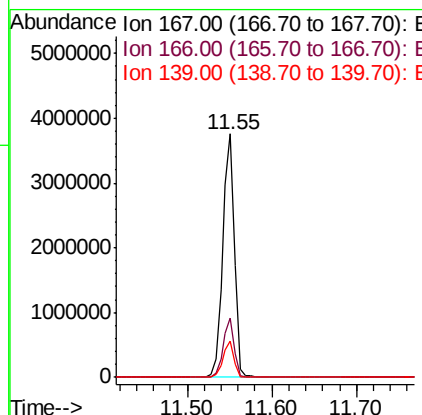
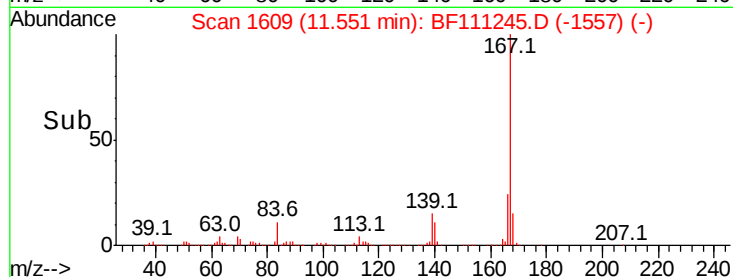
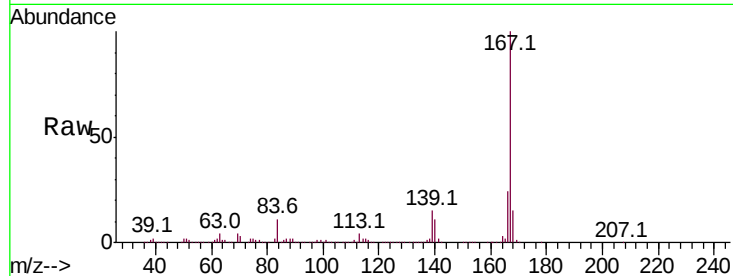
#73
 Carbazole
 Concen: 38.316 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.3	28.9
139	14.9	11.9	17.9

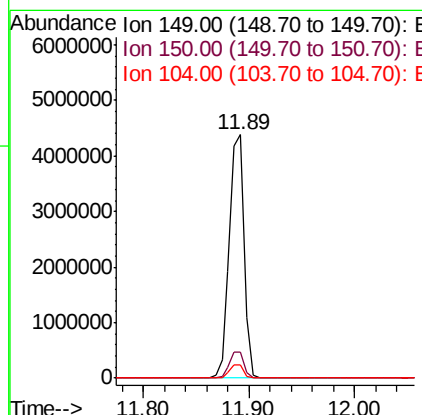
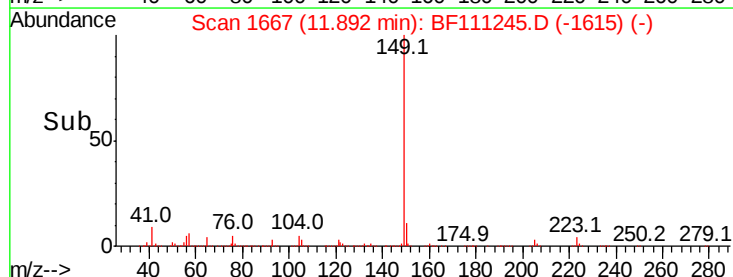
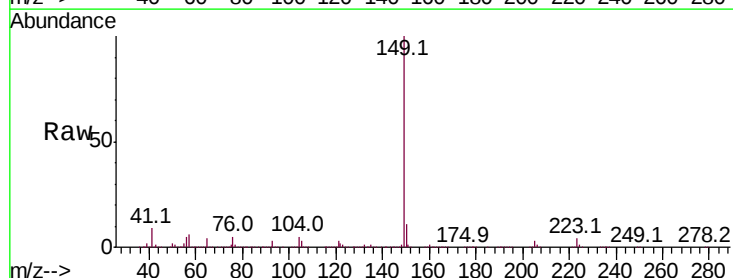
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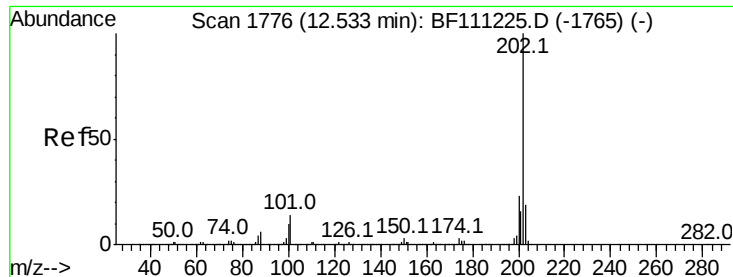
Sohil
 12/11/2018 2:23:27 PM



#74
 Di-n-butylphthalate
 Concen: 43.072 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.8	13.2
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 45.716 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

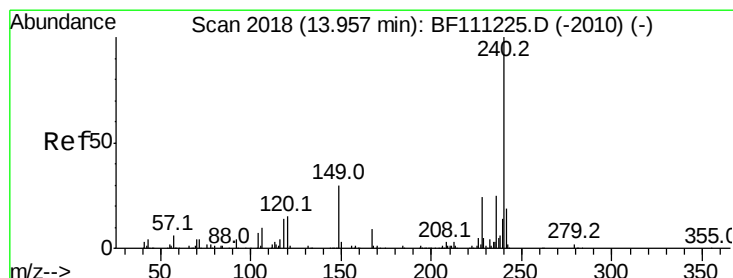
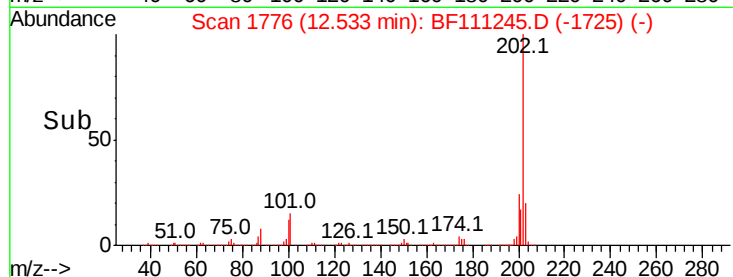
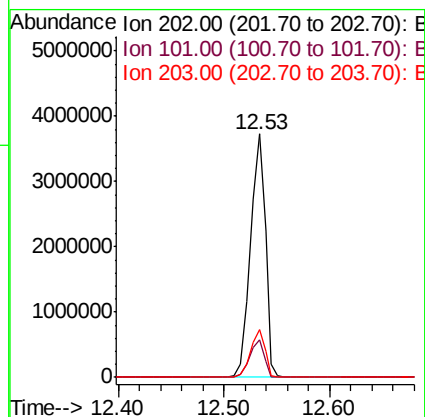
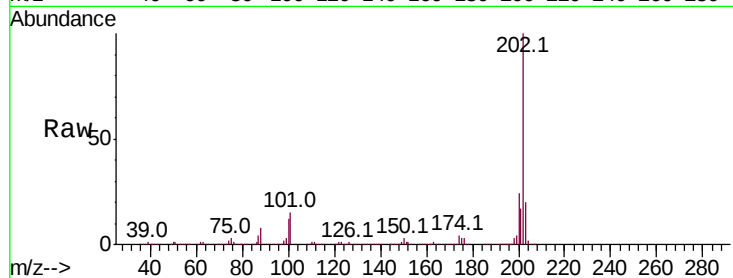
ClientSampleId :

PB115384BS

Tot Ion:	202	Resp:	3659703
Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.8
203	19.8	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

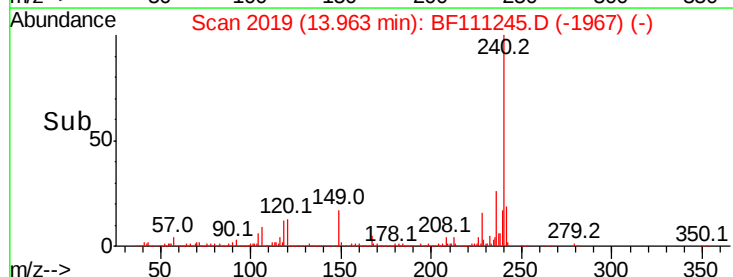
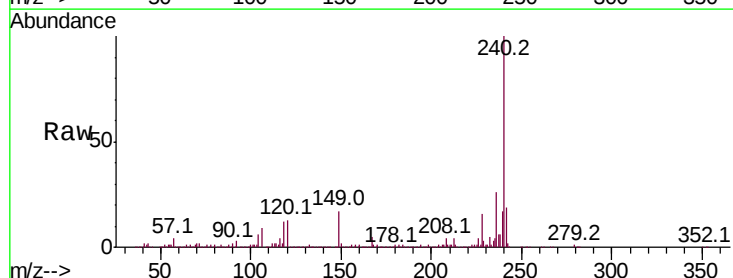
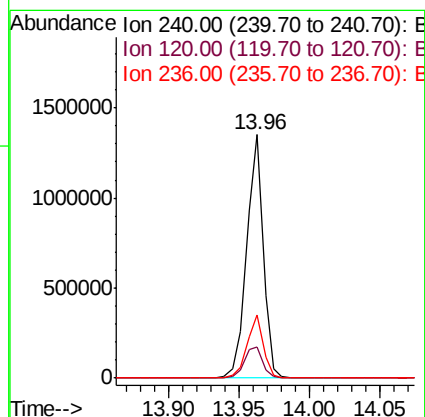
RT: 13.96 min Scan# 2019

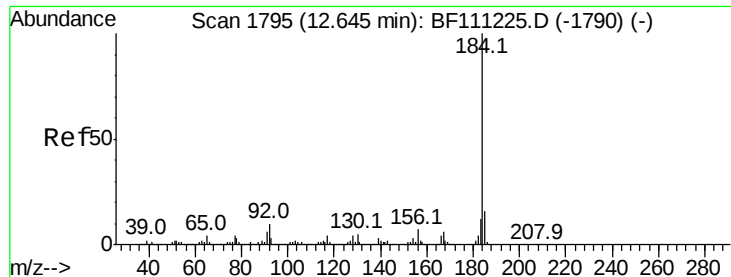
Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Tgt Ion:	240	Resp:	1109707
Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.2	18.2
236	25.8	20.2	30.2





#77

Benzidine

Concen: 48.562 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:184 Resp: 1600088

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

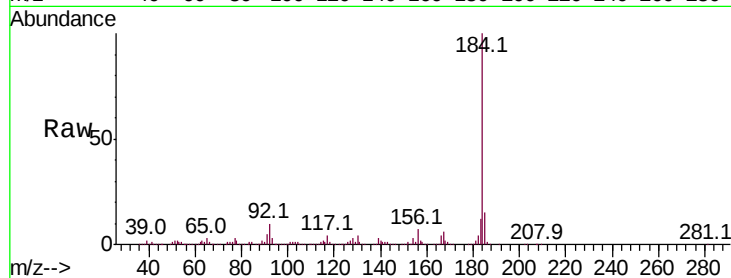
183 11.7 9.3 13.9

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Sohil

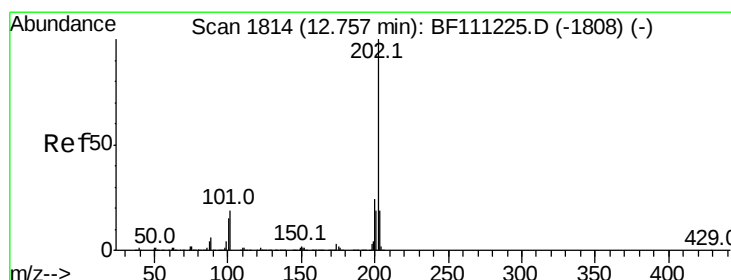
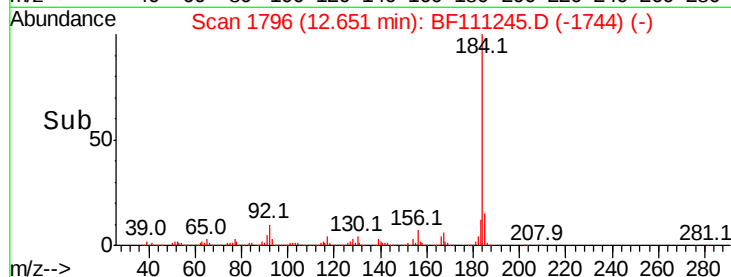
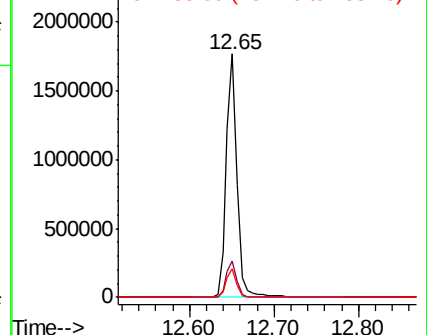
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.935 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

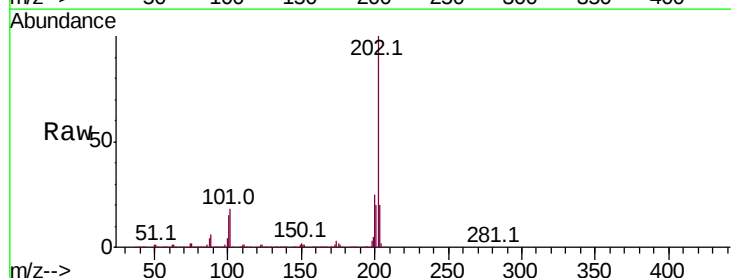
Tgt Ion:202 Resp: 3721950

Ion Ratio Lower Upper

202 100

200 24.8 19.0 28.4

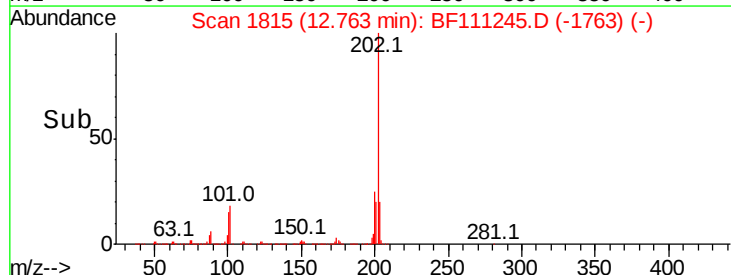
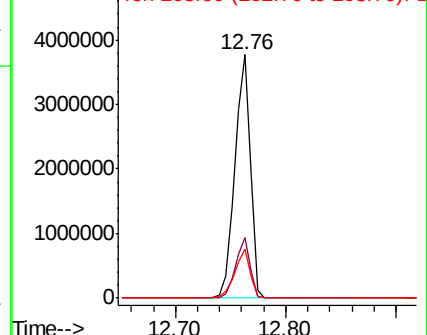
203 20.2 15.2 22.8

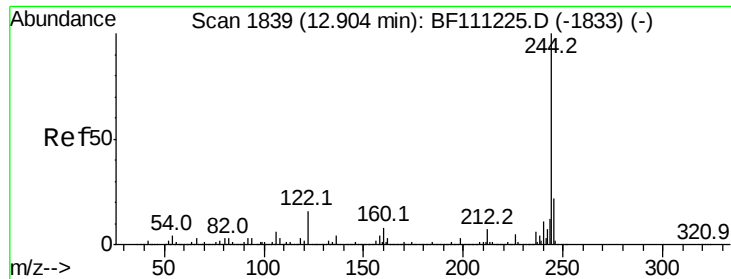


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





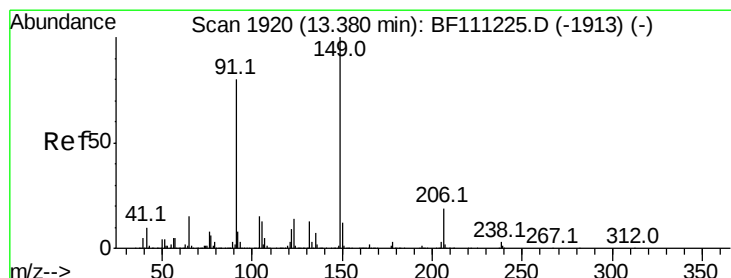
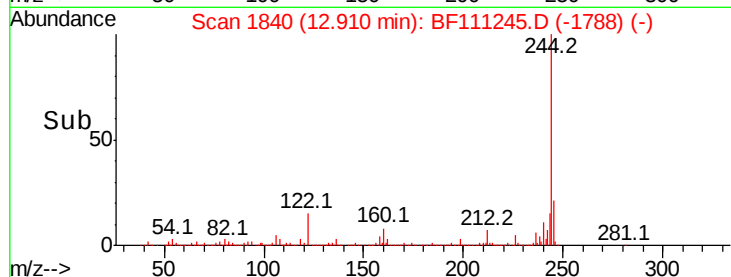
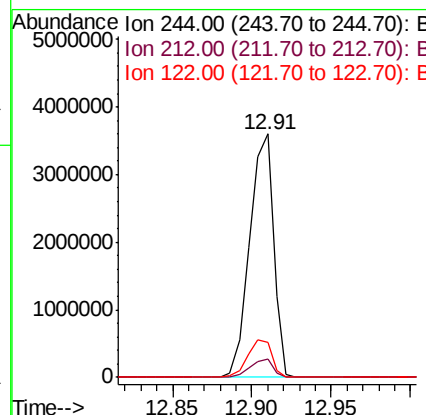
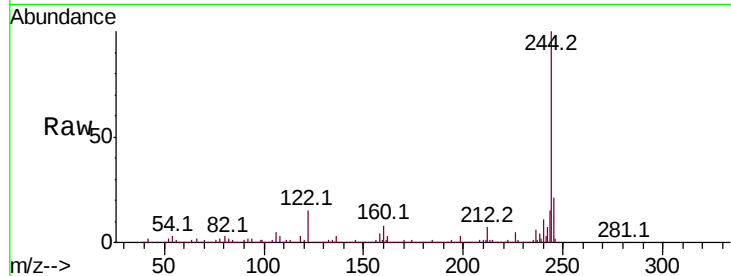
#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	14.6	13.1	19.7

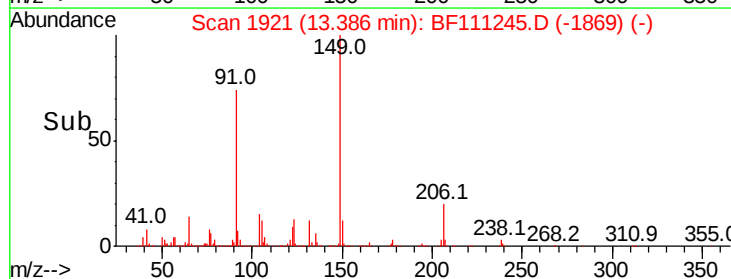
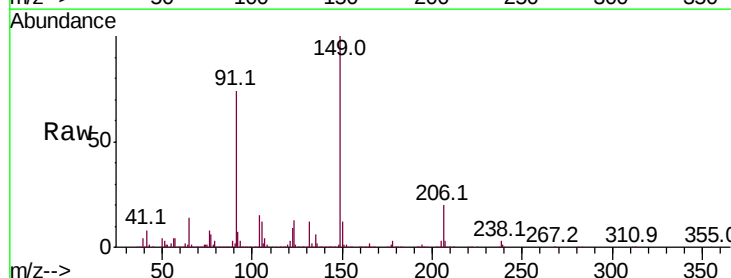
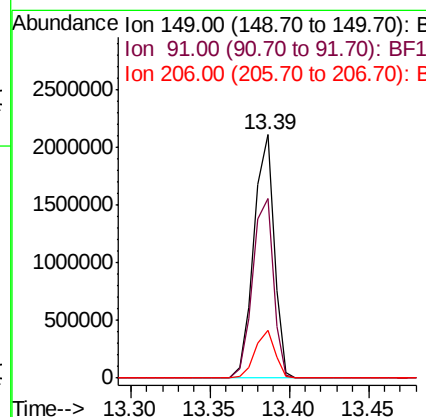
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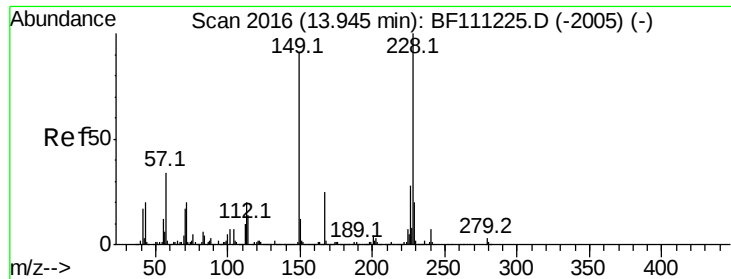
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.242 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111245.D
 Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	63.8	95.6
206	19.8	15.1	22.7





#81

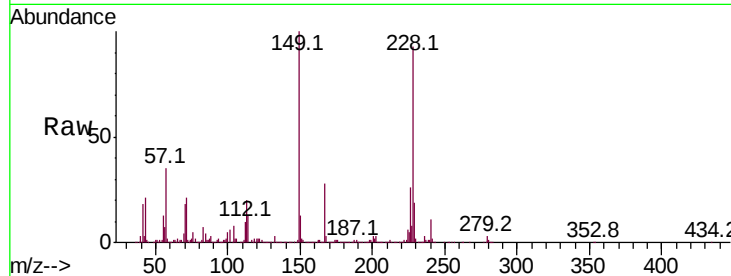
Benzo(a)anthracene
Concen: 45.464 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

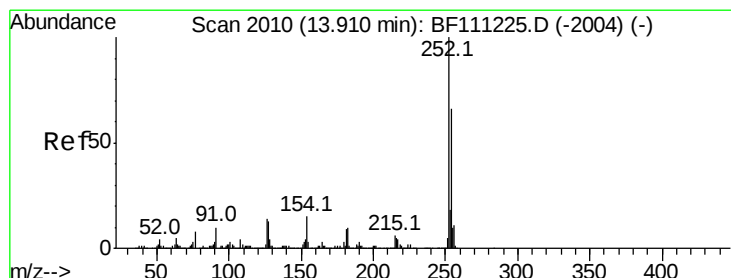
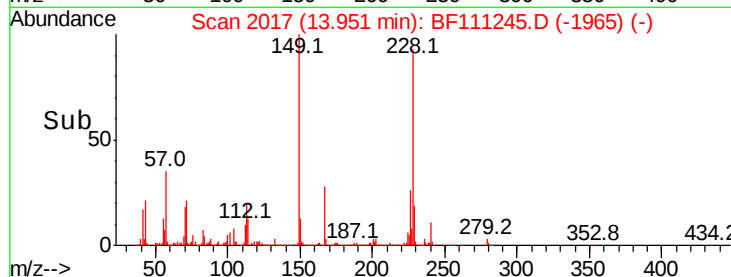
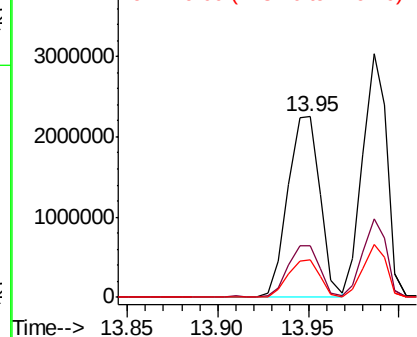
Tot Ion:228 Resp: 2814680
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.9 16.3 24.5

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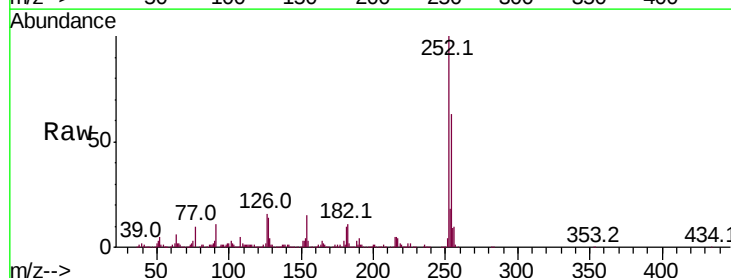
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



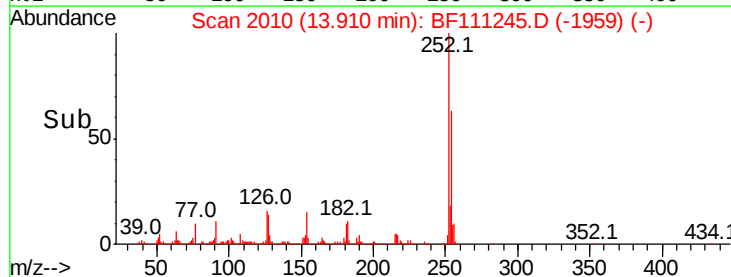
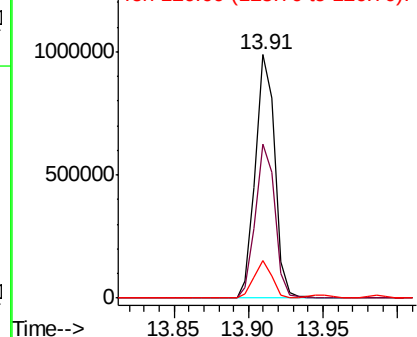
#82

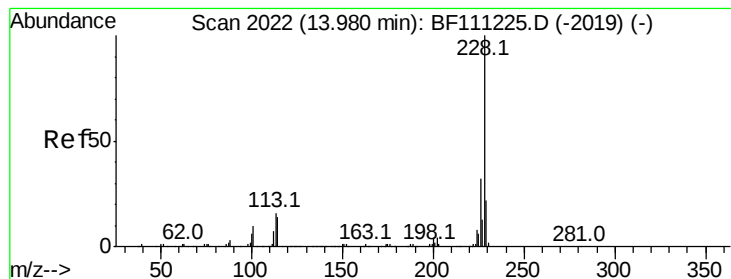
3,3'-Dichlorobenzidine
Concen: 34.979 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:252 Resp: 887591
Ion Ratio Lower Upper
252 100
254 63.2 52.7 79.1
126 15.6 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.427 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

Instrument :

BNA_F

ClientSampleId :

PB115384BS

Tot Ion:228 Resp: 2835531

Ion Ratio Lower Upper

228 100

226 32.5 25.3 37.9

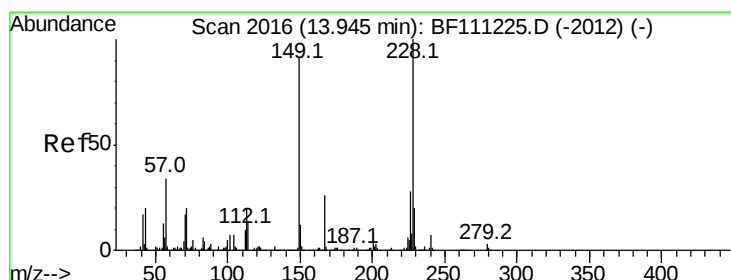
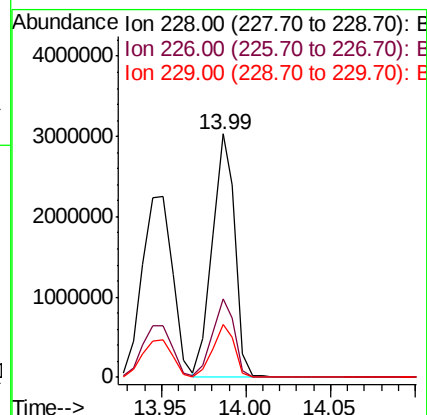
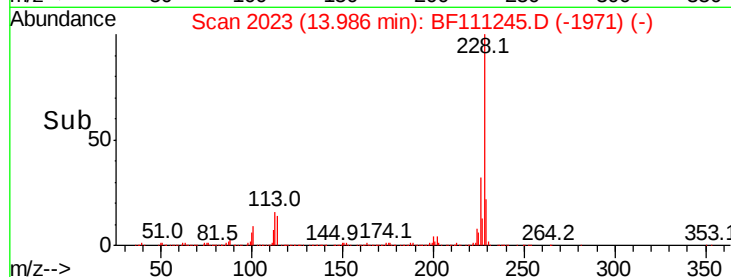
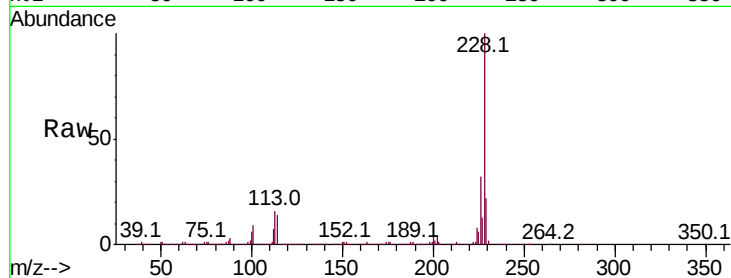
229 21.7 17.2 25.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.598 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111245.D

Acq: 10 Dec 2018 16:39

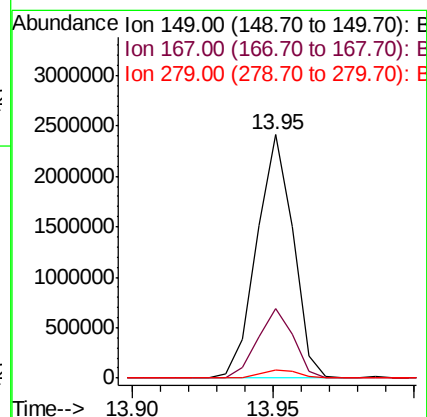
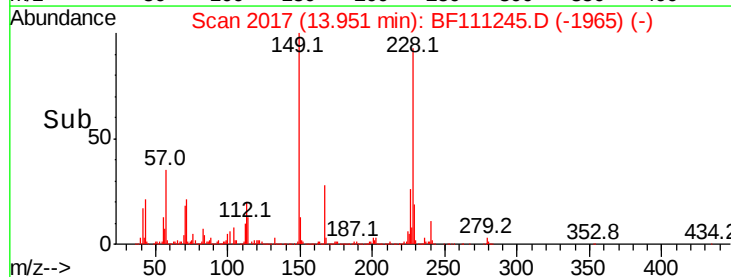
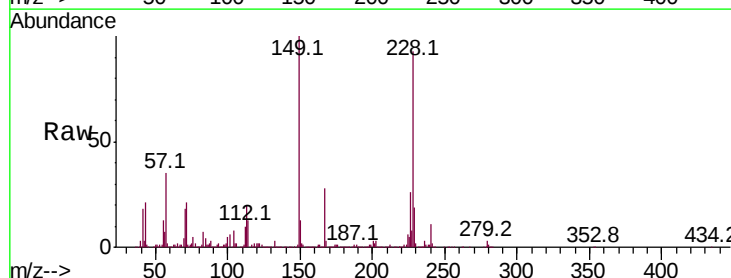
Tgt Ion:149 Resp: 2145829

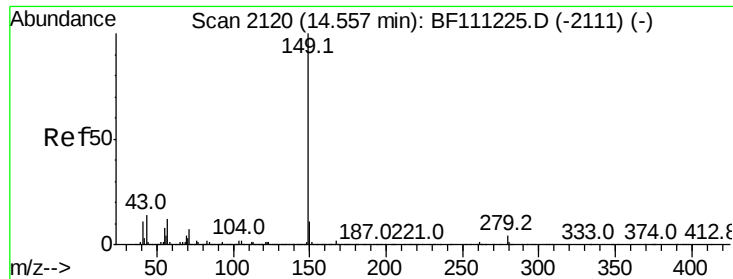
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 3.5 2.6 4.0





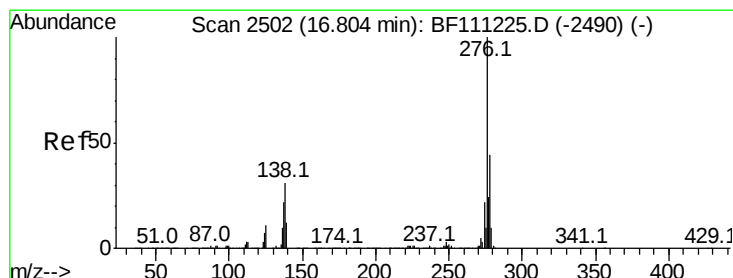
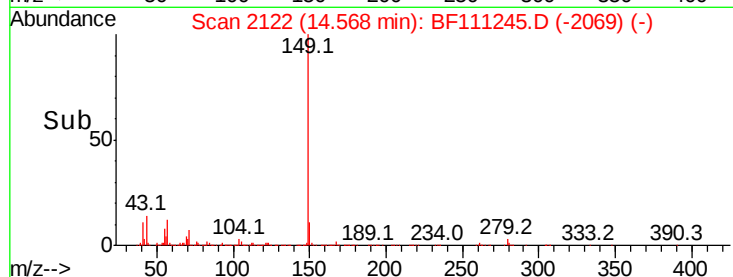
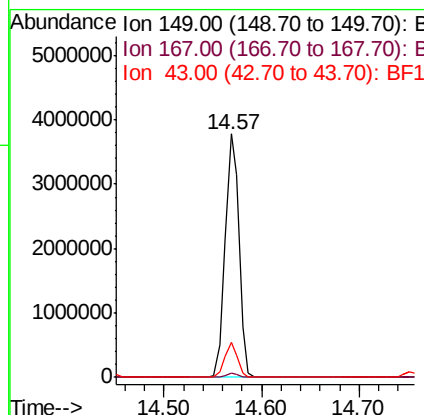
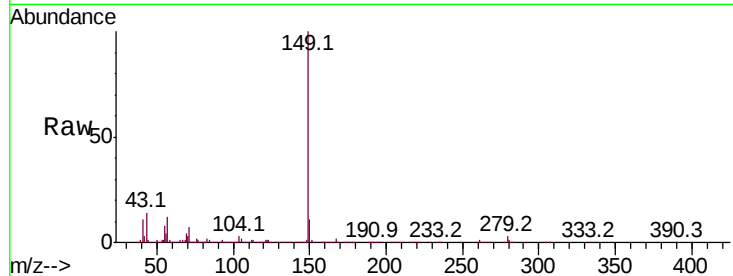
#85
Di-n-octyl phthalate
Concen: 45.005 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.1	10.9	16.3

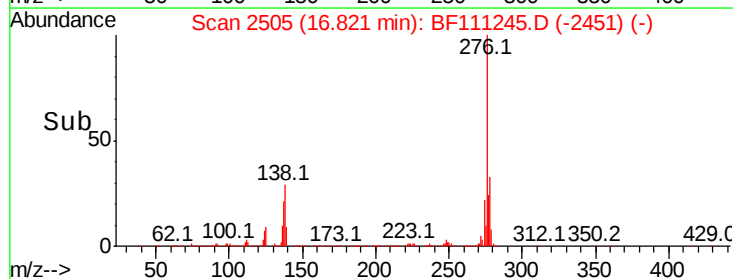
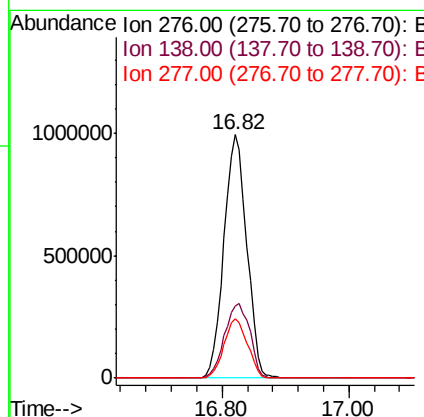
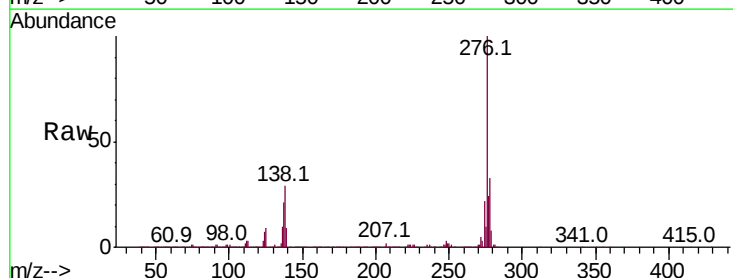
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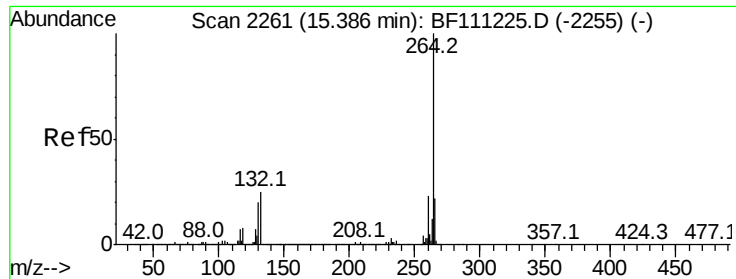
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.070 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	25.1	20.1	30.1





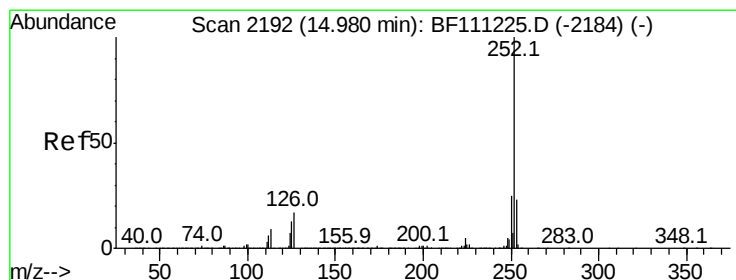
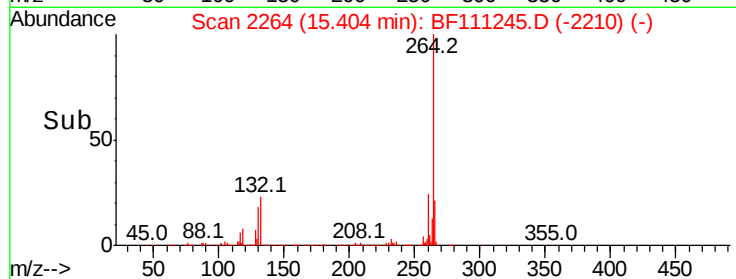
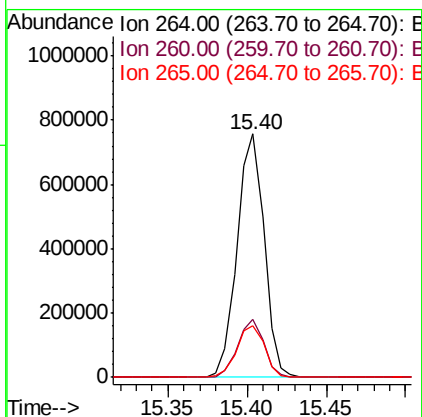
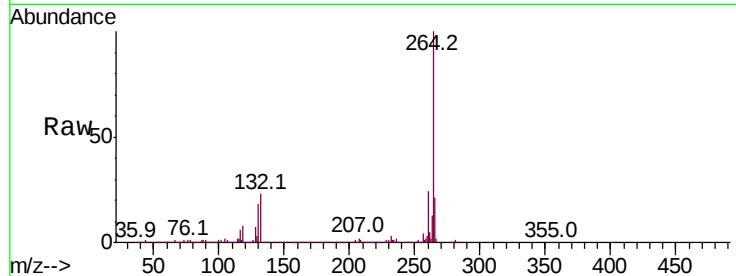
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.4	17.7	26.5

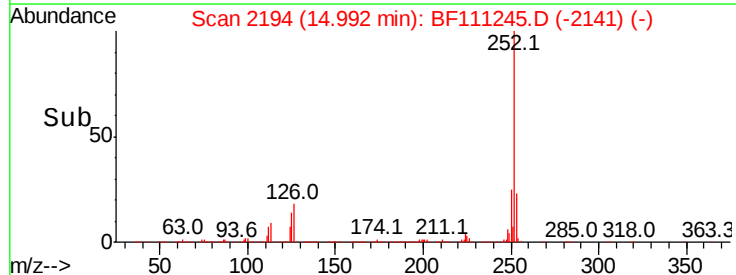
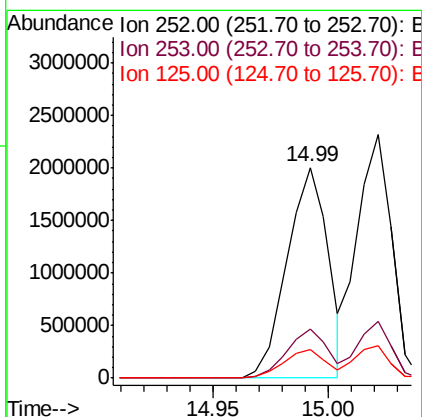
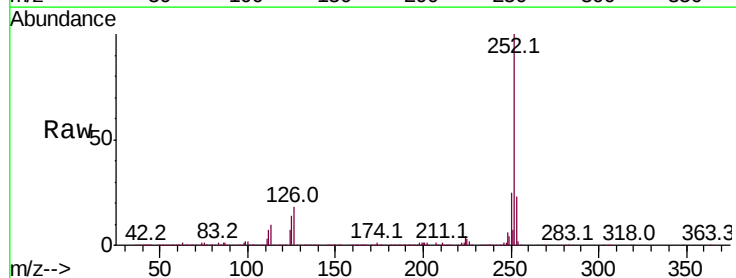
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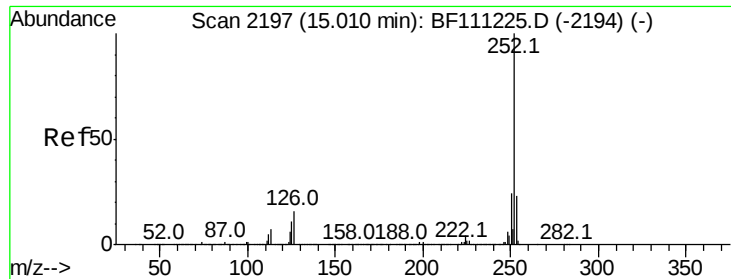
Sohil
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#88
Benzo(b)fluoranthene
Concen: 50.039 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.7	10.4	15.6





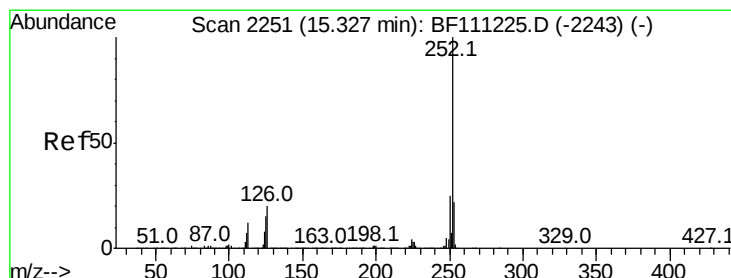
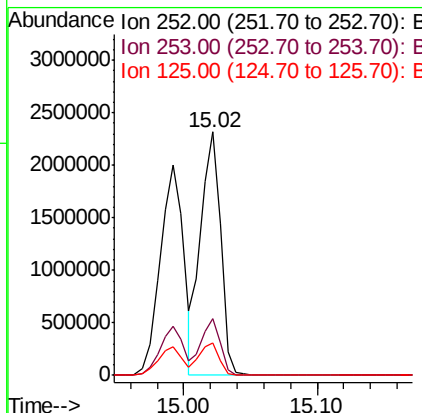
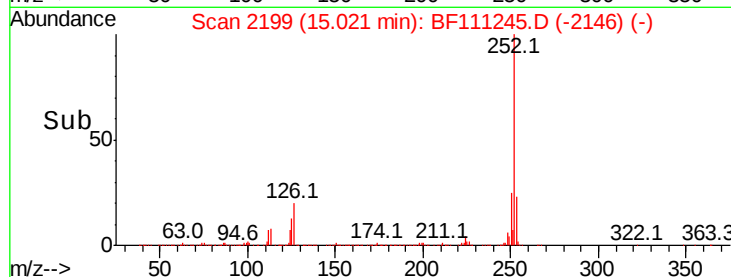
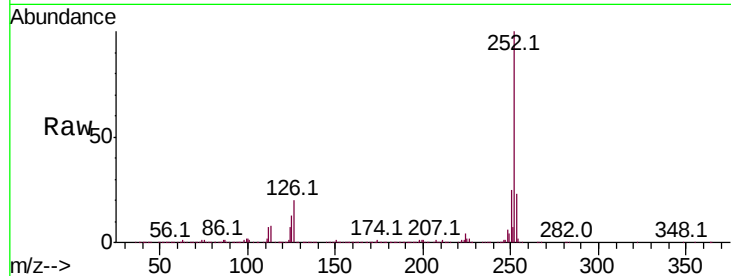
#89
Benzo(k)fluoranthene
Concen: 51.882 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion:252 Resp: 2413890
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 13.5 9.8 14.8

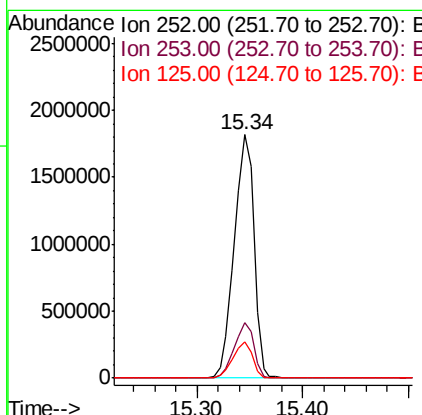
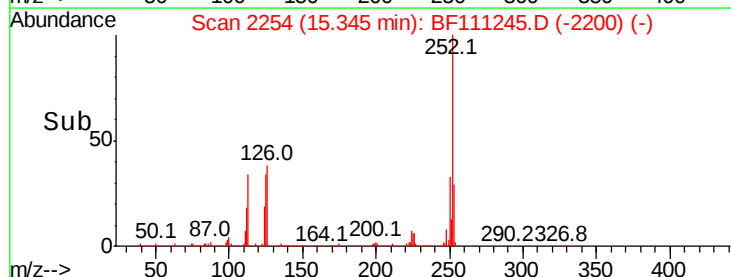
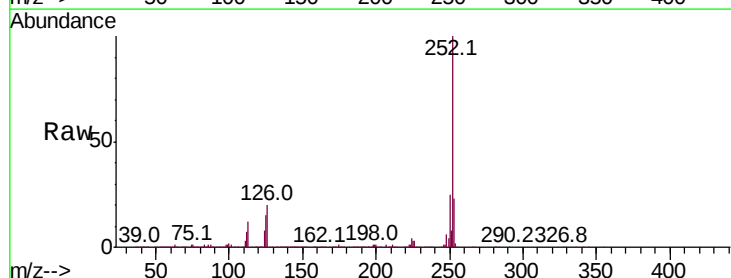
Manual Integrations
APPROVED

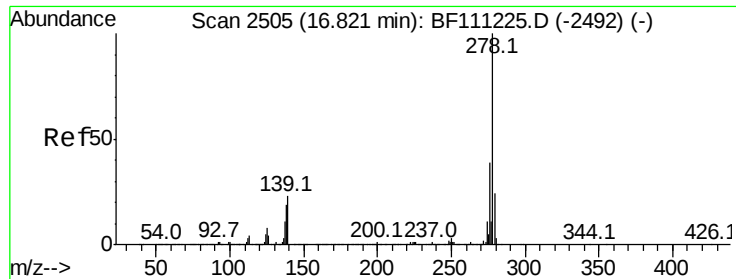
Sohil
12/11/2018 2:23:27 PM



#90
Benzo(a)pyrene
Concen: 51.508 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion:252 Resp: 2347308
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.9 12.3 18.5





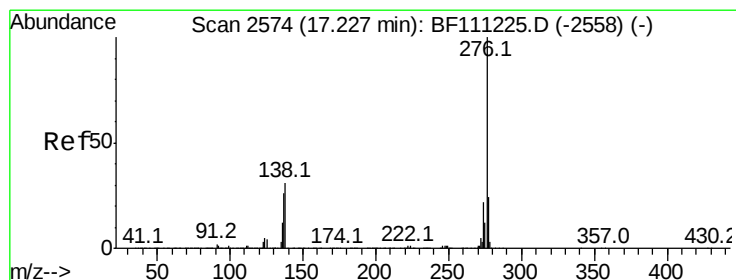
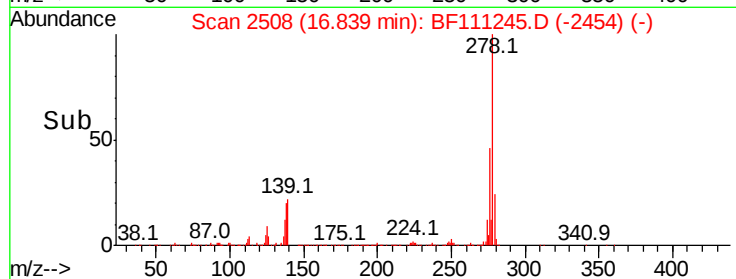
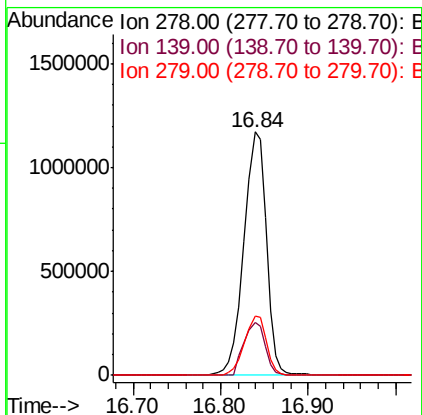
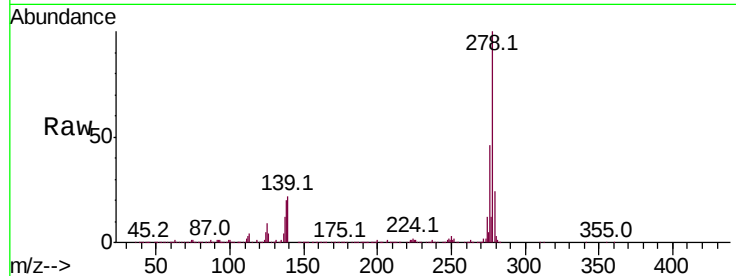
#91
Dibenzo(a,h)anthracene
Concen: 56.930 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Instrument :
BNA_F
ClientSampleId :
PB115384BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	18.2	27.4
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 2:23:27 PM



#92
Benzo(g,h,i)perylene
Concen: 58.851 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF111245.D
Acq: 10 Dec 2018 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	28.7	24.9	37.3

