

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121818\
 Data File : BF111585.D
 Acq On : 18 Dec 2018 19:45
 Operator : JU/SJ
 Sample : PB115777BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Quant Time: Dec 19 00:00:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114630	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	504357	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	419150	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	766556	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	517558	20.00	ng	-0.01
87) Perylene-d12	15.37	264	403663	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	505557	73.39	ng	-0.01
7) Phenol-d6	6.42	99	694535	75.80	ng	-0.02
23) Nitrobenzene-d5	7.34	82	653334	77.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	296750	79.03	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	2036703	75.06	ng	-0.02
79) Terphenyl-d14	12.89	244	1850669	83.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	99724	29.974	ng	# 94
3) Pyridine	3.26	79	241612	28.915	ng	86
4) n-Nitrosodimethylamine	3.19	42	143115	37.707	ng	83
6) Aniline	6.44	93	134375	11.822	ng	# 1
8) 2-Chlorophenol	6.56	128	302897	36.801	ng	100
9) Benzaldehyde	6.32	77	76127	13.697	ng	98
10) Phenol	6.43	94	341114	33.418	ng	89
11) bis(2-Chloroethyl)ether	6.51	93	263017	32.870	ng	98
12) 1,3-Dichlorobenzene	6.72	146	296956	32.775	ng	98
13) 1,4-Dichlorobenzene	6.79	146	306229	33.299	ng	97
14) 1,2-Dichlorobenzene	6.95	146	290946	33.629	ng	99
15) Benzyl Alcohol	6.92	79	245151	35.162	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539652	34.541	ng	84
17) 2-Methylphenol	7.04	107	238648	36.027	ng	# 92
18) Hexachloroethane	7.29	117	116950	34.171	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	214383	35.463	ng	92
20) 3+4-Methylphenols	7.19	107	303215	36.492	ng	# 81
22) Acetophenone	7.19	105	432138	38.382	ng	# 89
24) Nitrobenzene	7.36	77	300681	34.801	ng	99
25) Isophorone	7.60	82	597364	41.684	ng	99
26) 2-Nitrophenol	7.67	139	156689	34.970	ng	96
27) 2,4-Dimethylphenol	7.72	122	268427	41.323	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	365687	36.963	ng	100
29) 2,4-Dichlorophenol	7.92	162	268382	38.704	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	261754	36.059	ng	99
31) Naphthalene	8.08	128	950765	40.304	ng	96
32) Benzoic acid	7.86	122	170669	30.404	ng	98
33) 4-Chloroaniline	8.13	127	59736	5.695	ng	99
34) Hexachlorobutadiene	8.20	225	166865	41.724	ng	99
35) Caprolactam	8.50	113	90022	34.966	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	464244	60.823	ng	99
37) 2-Methylnaphthalene	8.77	142	1017150	63.720	ng	98
38) 1-Methylnaphthalene	8.87	142	986931	63.998	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	388509	33.799	ng	98

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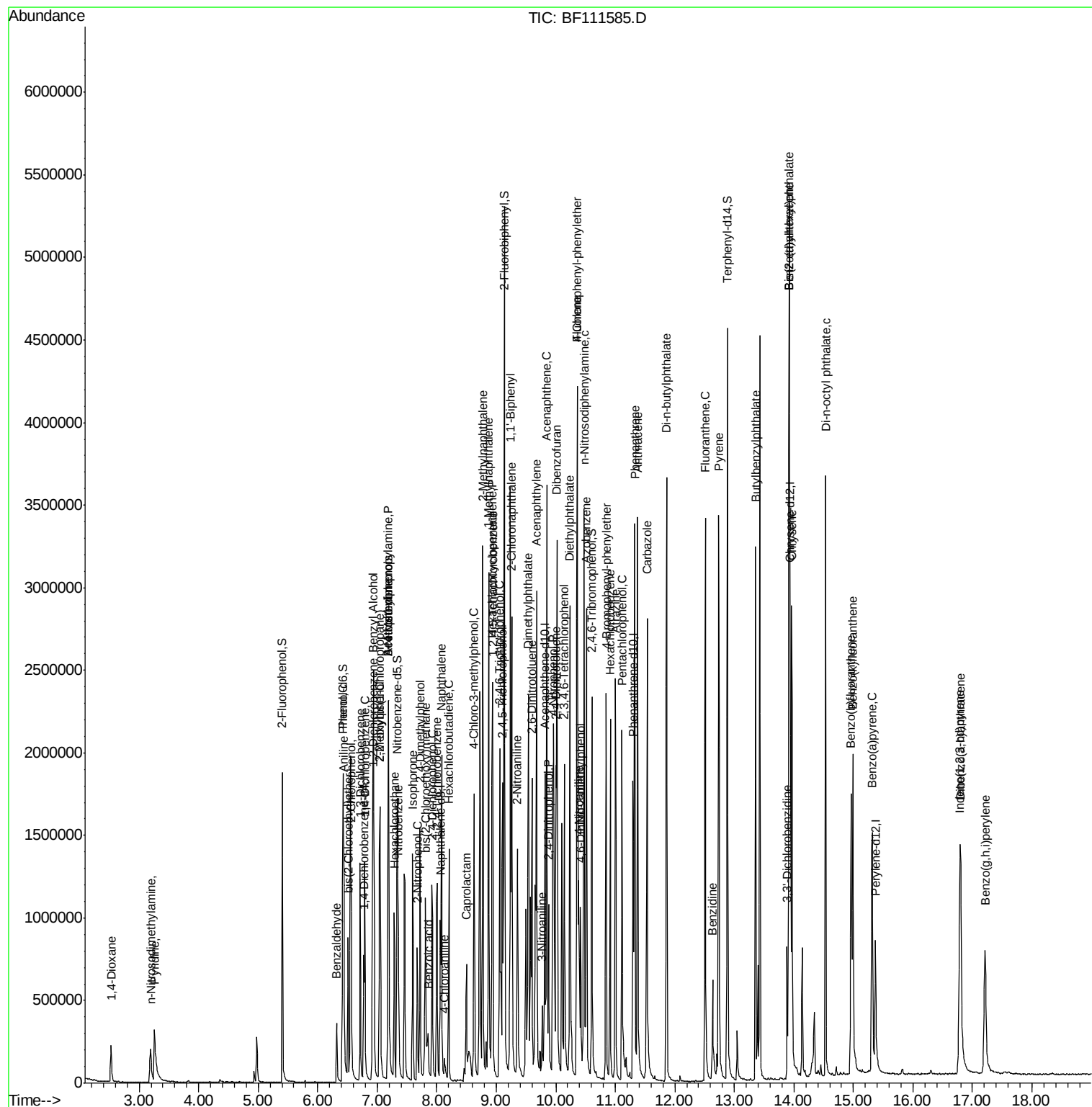
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	253952	43.031	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	274083	33.690	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	301850	34.867	ng	96
46) 1,1'-Biphenyl	9.24	154	1214077	34.185	ng	94
47) 2-Chloronaphthalene	9.26	162	963912	35.706	ng	96
48) 2-Nitroaniline	9.36	65	296612	33.839	ng	98
49) Acenaphthylene	9.68	152	1563901	39.028	ng	95
50) Dimethylphthalate	9.54	163	1168690	38.716	ng	99
51) 2,6-Dinitrotoluene	9.60	165	255936	37.667	ng	92
52) Acenaphthene	9.85	154	867234	34.242	ng	98
53) 3-Nitroaniline	9.77	138	93238	11.297	ng	100
54) 2,4-Dinitrophenol	9.88	184	142600	55.164	ng	90
55) Dibenzofuran	10.02	168	1366068	37.159	ng	97
56) 4-Nitrophenol	9.95	139	299754	52.483	ng	97
57) 2,4-Dinitrotoluene	10.00	165	326198	36.577	ng	95
58) Fluorene	10.36	166	1067422	40.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259463	38.359	ng	96
60) Diethylphthalate	10.24	149	1141481	37.331	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	476276	36.507	ng	98
62) 4-Nitroaniline	10.39	138	266668	32.640	ng	97
63) Azobenzene	10.52	77	1113084	36.925	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	125905	29.094	ng	95
66) n-Nitrosodiphenylamine	10.47	169	965130	36.510	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	297149	35.966	ng	97
68) Hexachlorobenzene	10.92	284	306787	36.098	ng	97
69) Atrazine	11.00	200	300977	39.397	ng	99
70) Pentachlorophenol	11.11	266	300508	57.650	ng	96
71) Phenanthrene	11.33	178	1481389	37.504	ng	94
72) Anthracene	11.37	178	1652993	40.921	ng	95
73) Carbazole	11.53	167	1510566	36.162	ng	95
74) Di-n-butylphthalate	11.86	149	1858539	39.950	ng	97
75) Fluoranthene	12.51	202	1565677	40.518	ng	98
77) Benzidine	12.63	184	364504	19.159	ng	96
78) Pyrene	12.74	202	1555794	42.637	ng	95
80) Butylbenzylphthalate	13.36	149	763896	42.949	ng	94
81) Benzo(a)anthracene	13.93	228	1042985	37.062	ng	98
82) 3,3'-Dichlorobenzidine	13.89	252	199837	17.468	ng	99
83) Chrysene	13.96	228	1201745	40.537	ng	97
84) Bis(2-ethylhexyl)phthalate	13.92	149	1006900	44.323	ng	99
85) Di-n-octyl phthalate	14.53	149	1656140	43.220	ng	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	912549	42.650	ng	96
88) Benzo(b)fluoranthene	14.96	252	849767	36.108	ng	98
89) Benzo(k)fluoranthene	14.99	252	986102	43.852	ng	98
90) Benzo(a)pyrene	15.32	252	879428	41.439	ng	97
91) Dibenzo(a,h)anthracene	16.80	278	763828	45.627	ng	95
92) Benzo(g,h,i)perylene	17.22	276	761604	46.348	ng	93

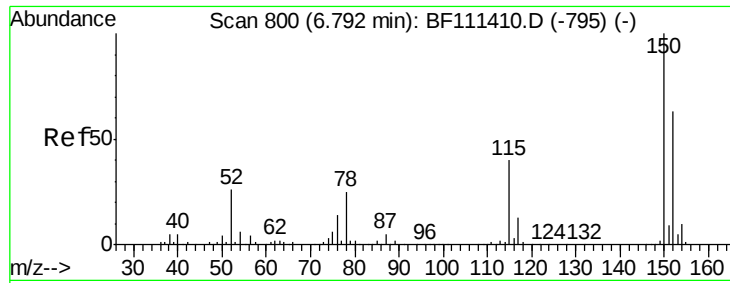
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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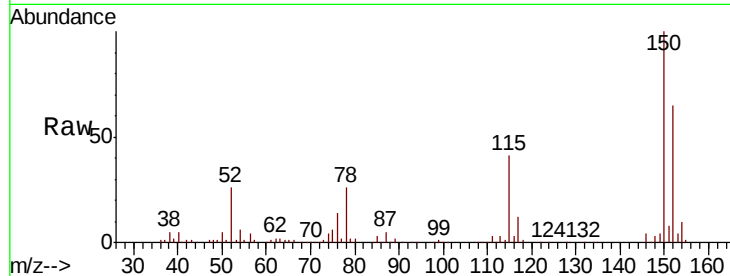


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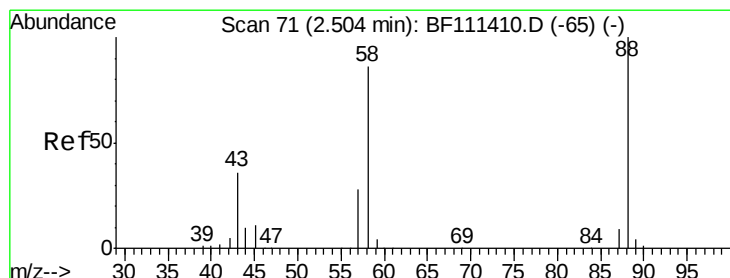
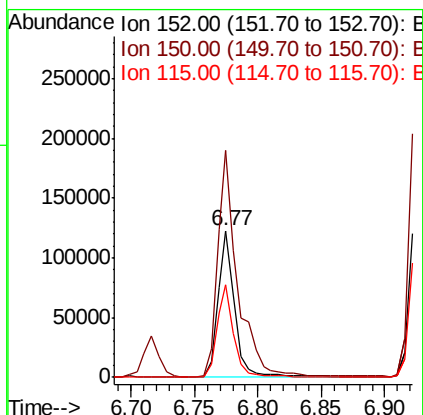
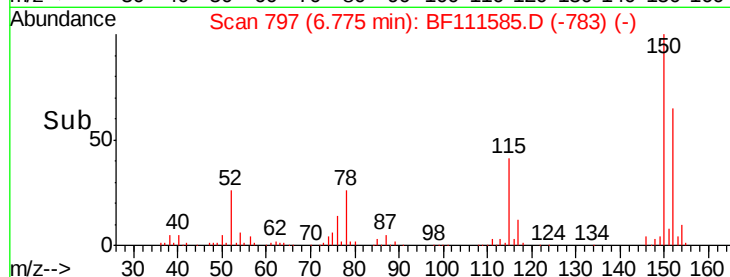
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:152 Resp: 114630
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 62.9 50.7 76.1



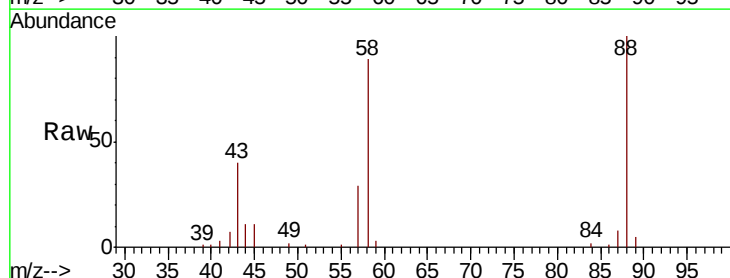
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



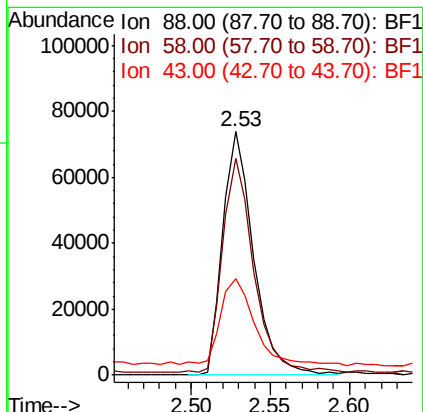
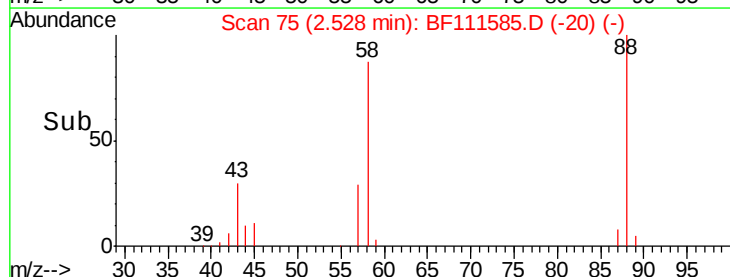
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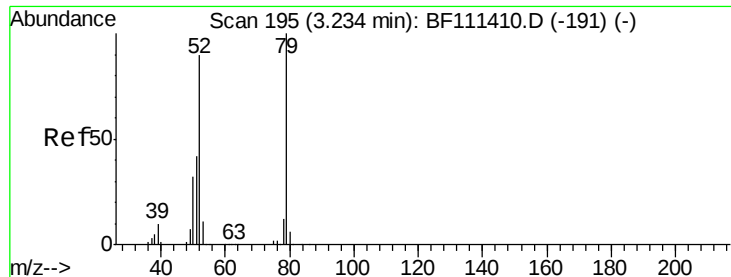
1,4-Dioxane
Concen: 29.974 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion: 88 Resp: 99724
Ion Ratio Lower Upper
88 100
58 88.7 68.9 103.3
43 40.9 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

Pyridine

Concen: 28.915 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

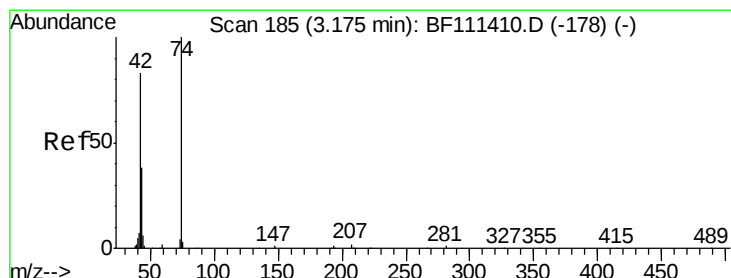
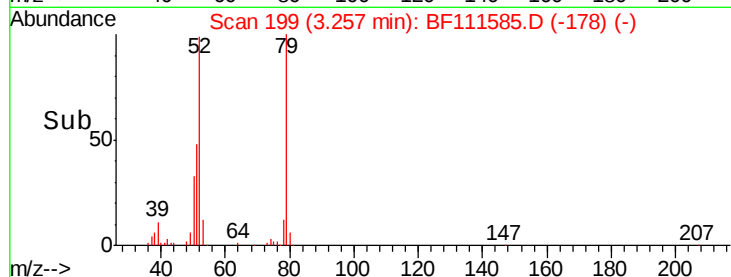
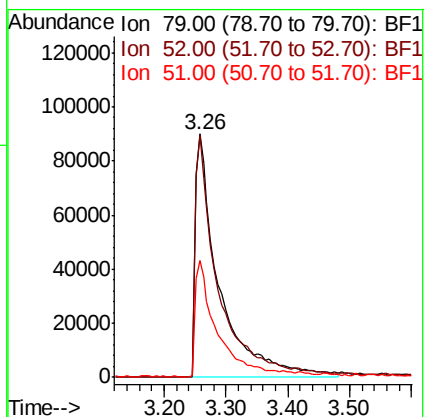
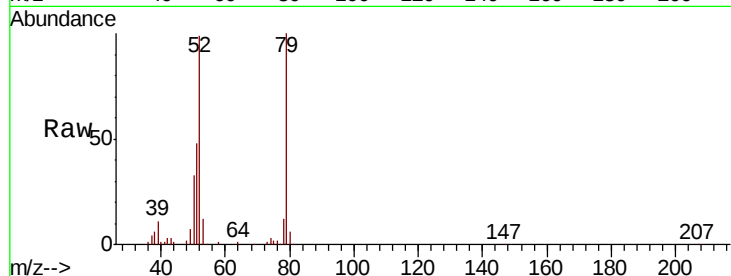
Tgt Ion: 79 Resp: 241612

Ion Ratio Lower Upper

79 100

52 99.5 68.3 102.5

51 47.8 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 37.707 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

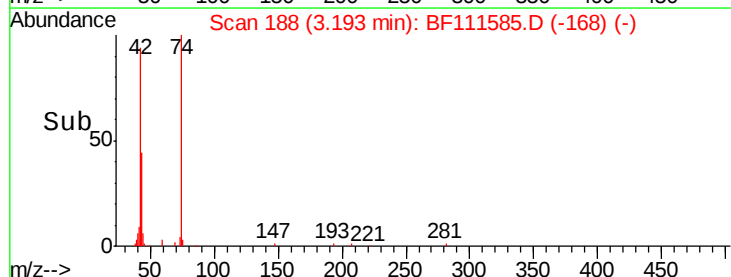
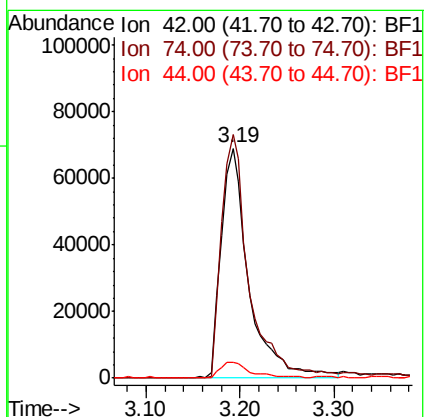
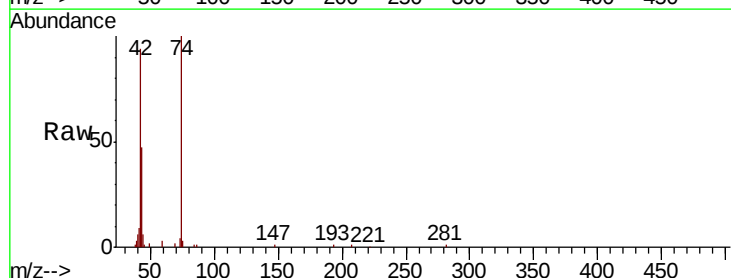
Tgt Ion: 42 Resp: 143115

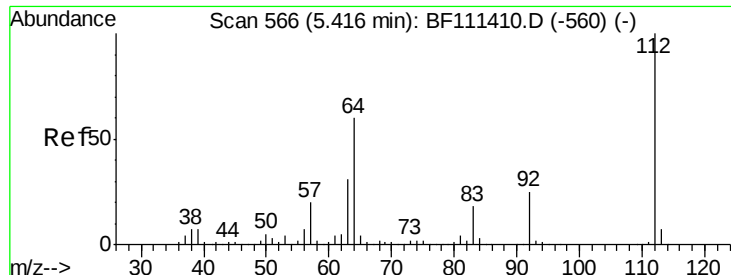
Ion Ratio Lower Upper

42 100

74 106.1 101.5 152.3

44 6.8 6.0 9.0





#5

2-Fluorophenol

Concen: 73.391 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

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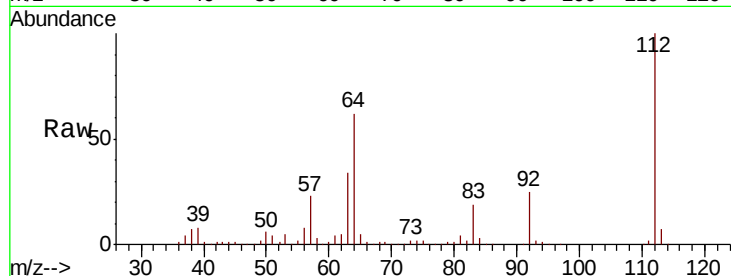
Tgt Ion: 112 Resp: 505557

Ion Ratio Lower Upper

112 100

64 62.4 51.8 77.6

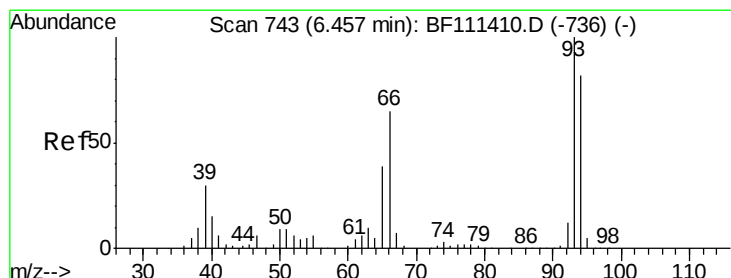
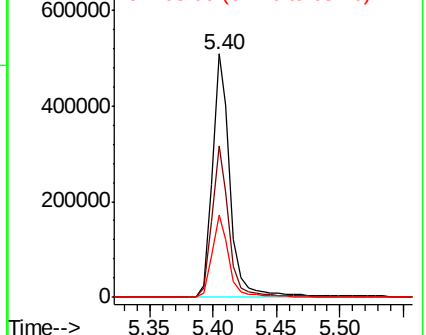
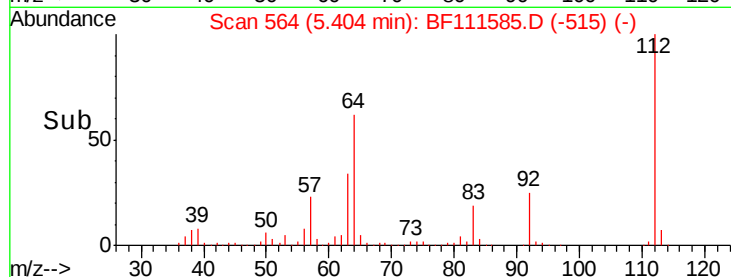
63 34.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.822 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

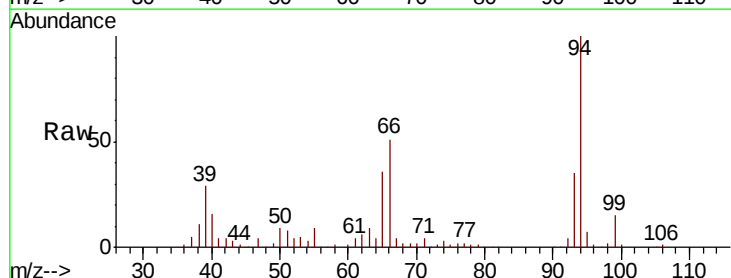
Tgt Ion: 93 Resp: 134375

Ion Ratio Lower Upper

93 100

66 146.1 33.2 49.8#

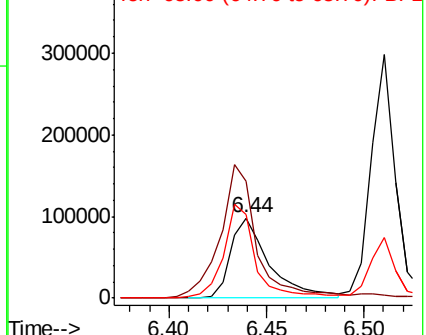
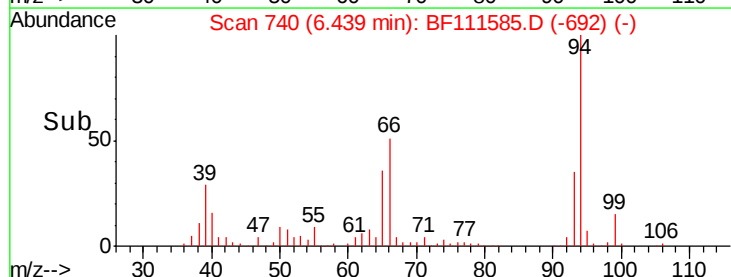
65 103.7 17.0 25.4#

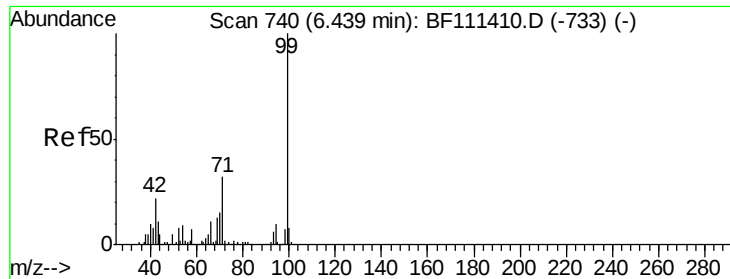


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.798 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

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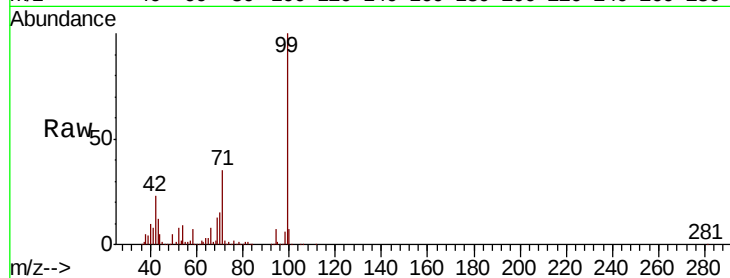
Tgt Ion: 99 Resp: 694535

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

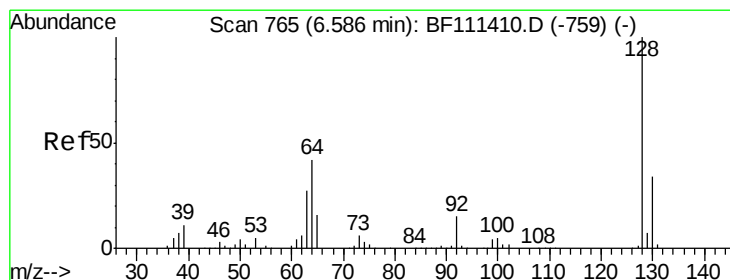
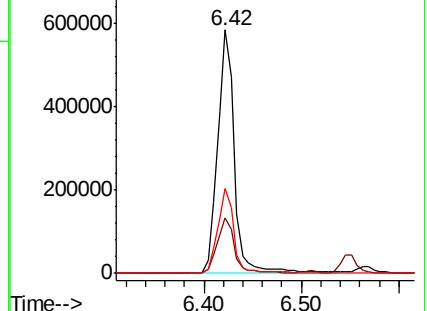
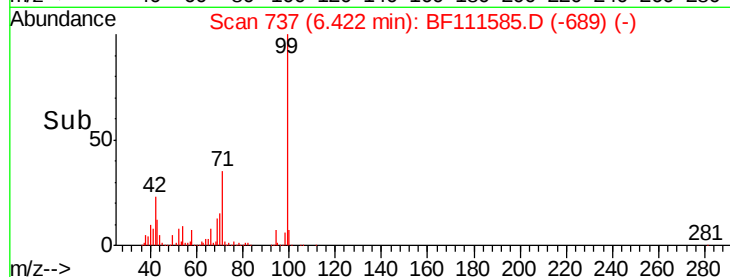
71 35.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.801 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

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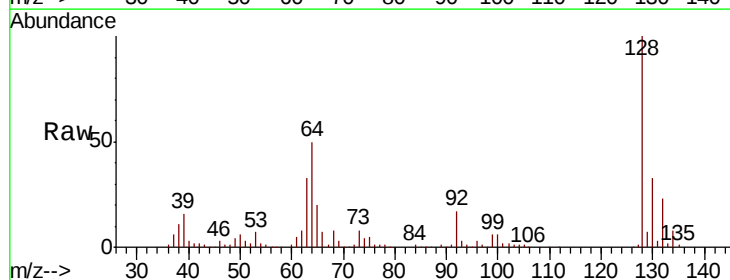
Tgt Ion: 128 Resp: 302897

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

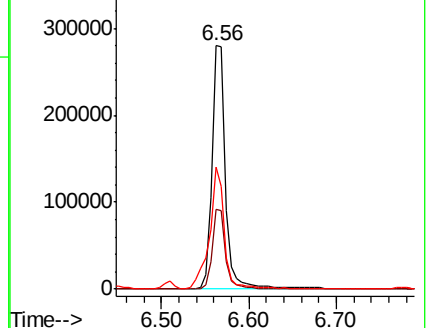
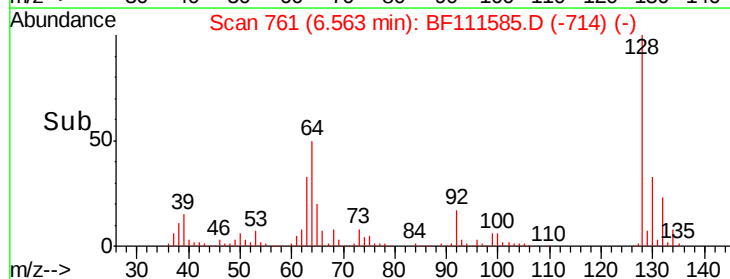
64 50.3 30.0 70.0

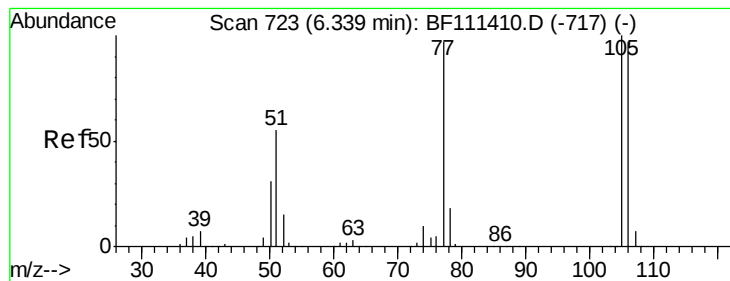


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.697 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

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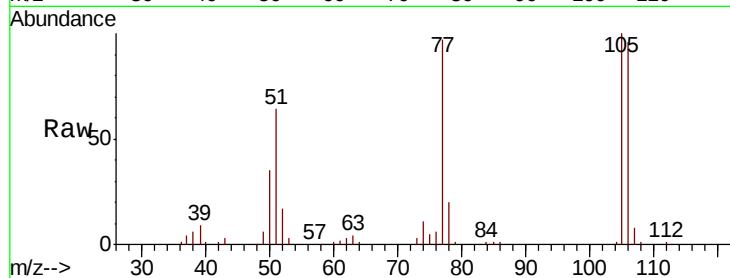
Tgt Ion: 77 Resp: 76127

Ion Ratio Lower Upper

77 100

105 103.6 81.4 121.4

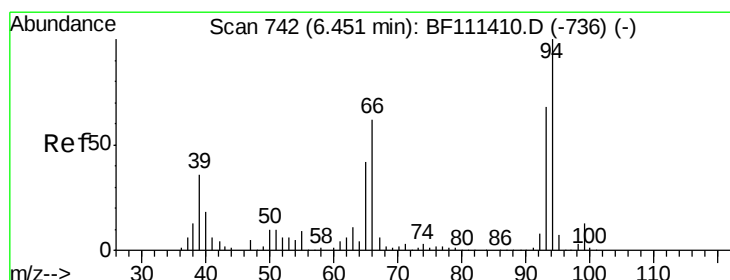
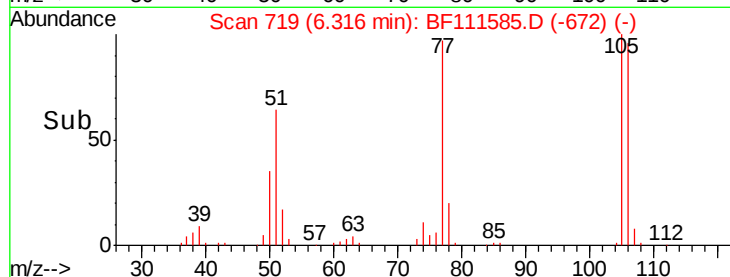
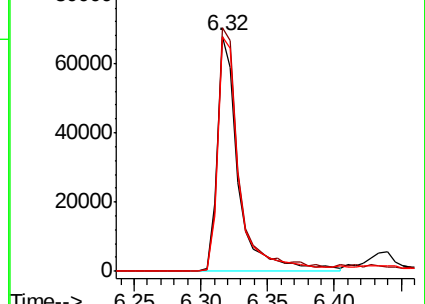
106 99.8 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.418 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

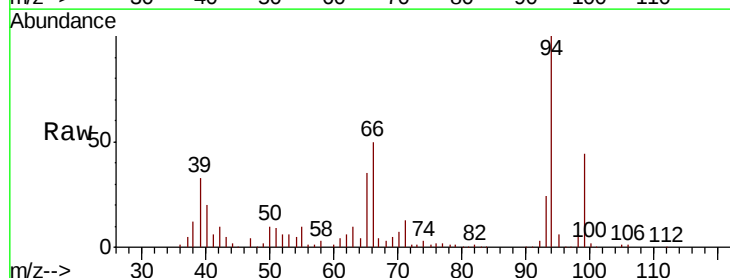
Tgt Ion: 94 Resp: 341114

Ion Ratio Lower Upper

94 100

65 35.4 11.7 51.7

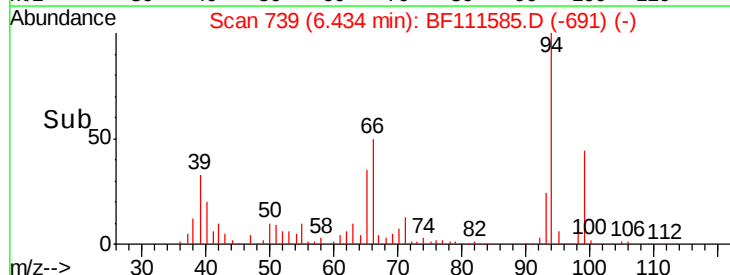
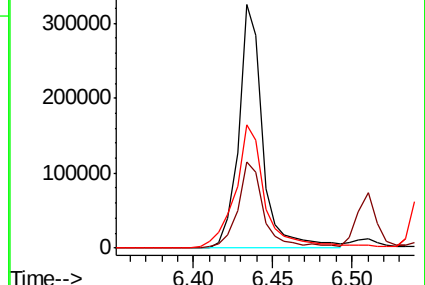
66 50.5 21.0 61.0

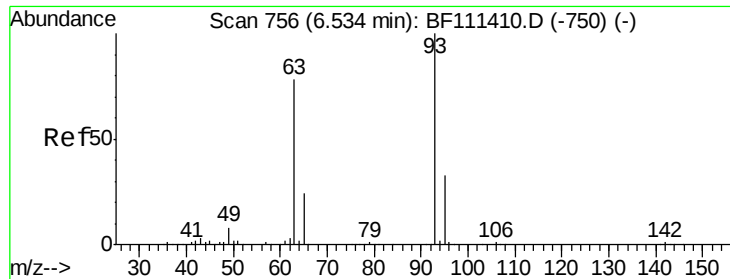


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.870 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

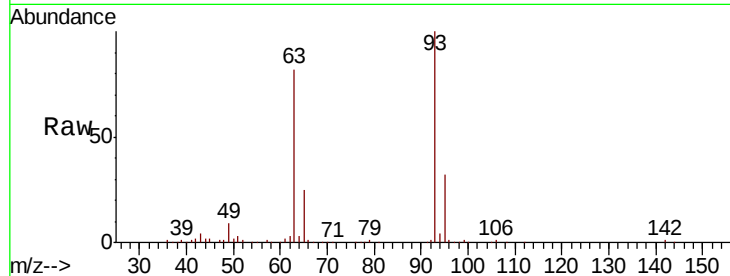
Tgt Ion: 93 Resp: 263017

Ion Ratio Lower Upper

93 100

63 81.5 60.0 100.0

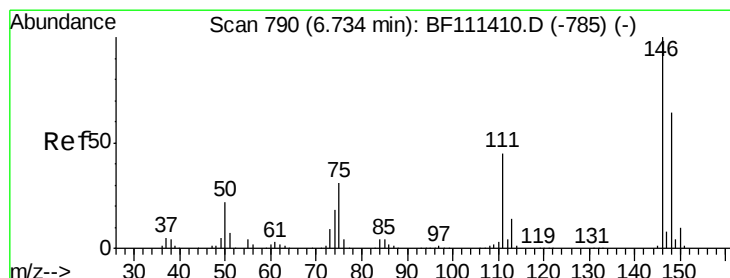
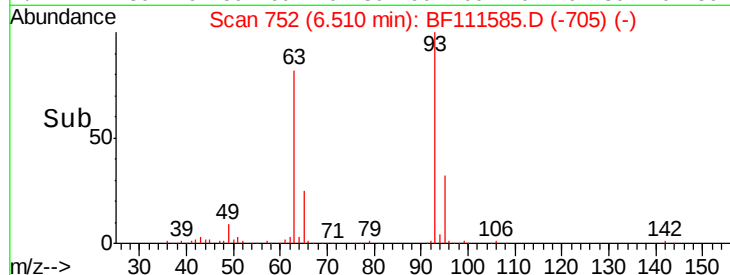
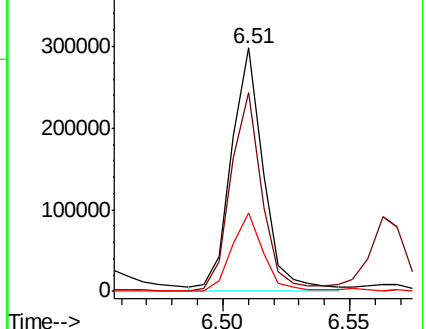
95 32.2 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.775 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

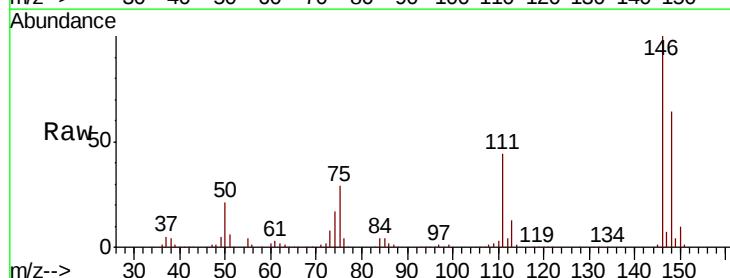
Tgt Ion: 146 Resp: 296956

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

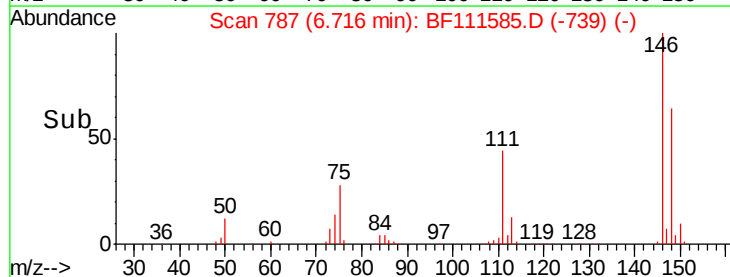
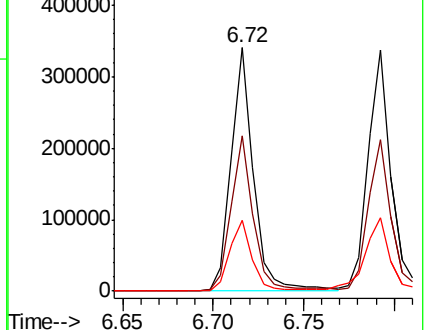
75 29.1 23.9 35.9

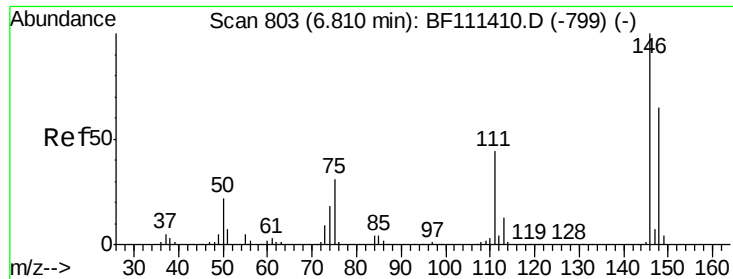


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

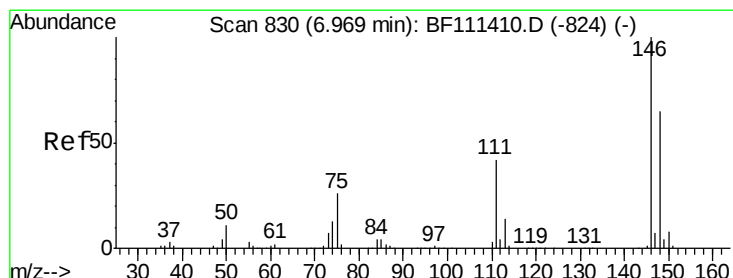
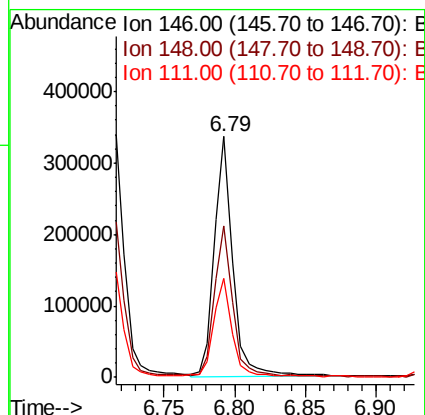
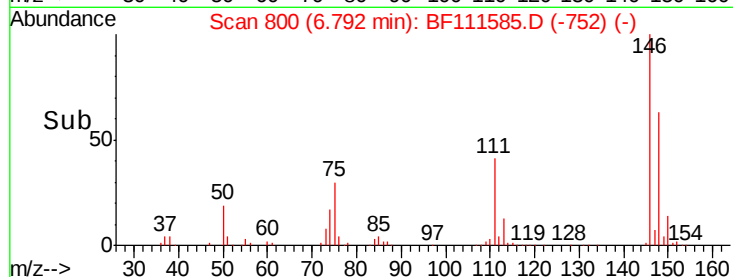
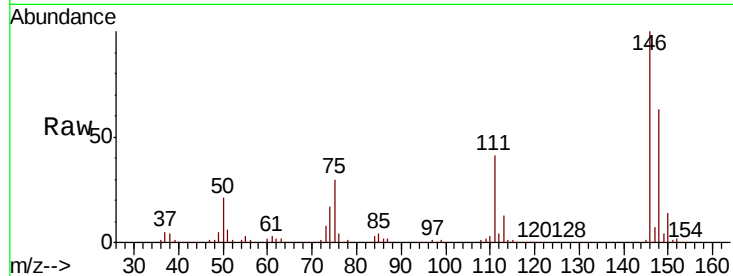




#13
 1,4-Dichlorobenzene
 Concen: 33.299 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

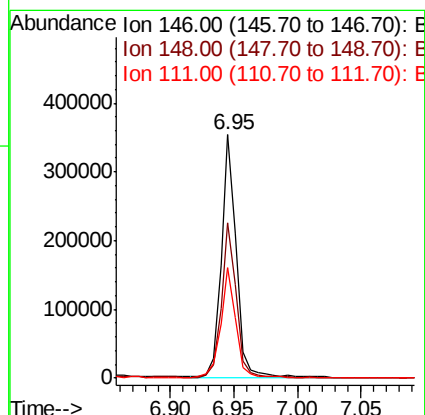
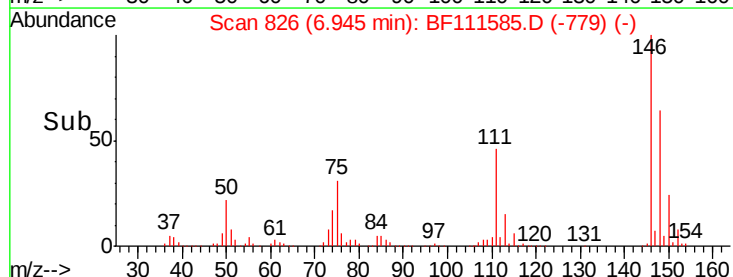
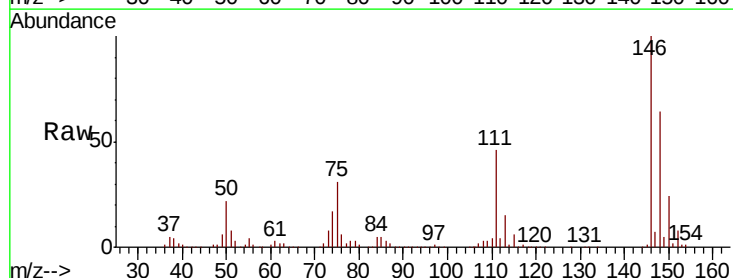
Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

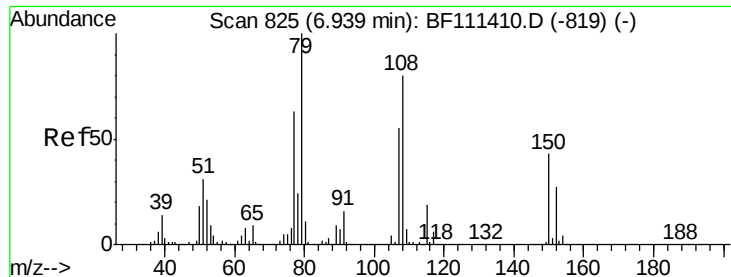
Tgt Ion:146 Resp: 306229
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.8 79.2
 111 41.1 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 33.629 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:146 Resp: 290946
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 45.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 35.162 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

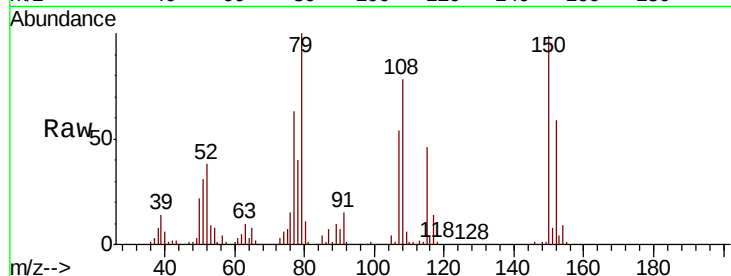
Tgt Ion: 79 Resp: 245151

Ion Ratio Lower Upper

79 100

108 77.7 69.4 104.2

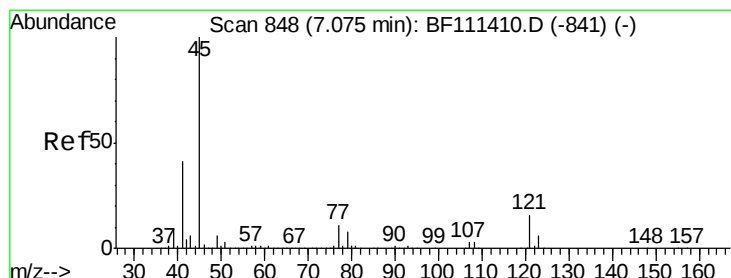
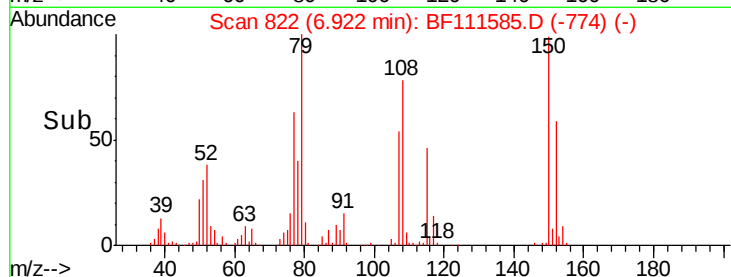
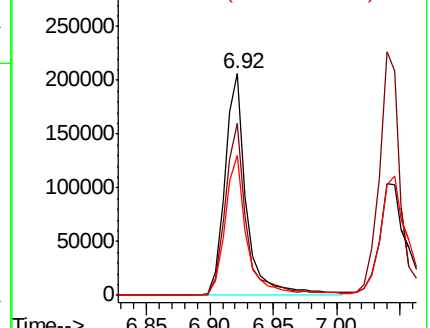
77 63.4 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.541 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

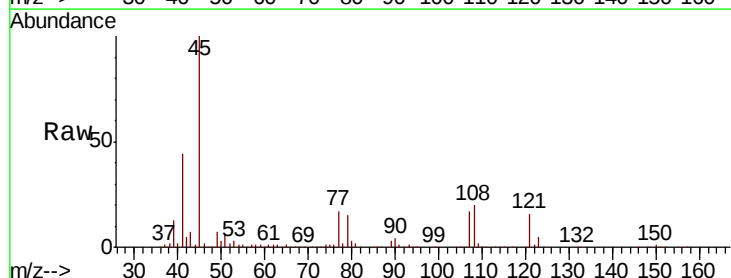
Tgt Ion: 45 Resp: 539652

Ion Ratio Lower Upper

45 100

77 17.4 0.0 31.5

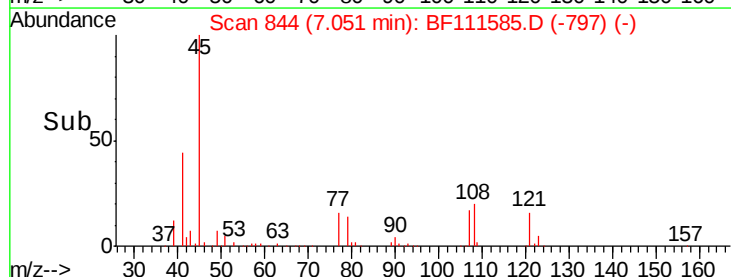
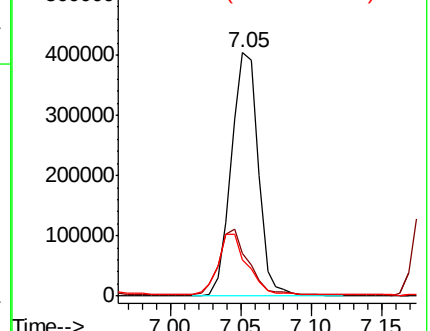
79 15.0 0.0 28.9

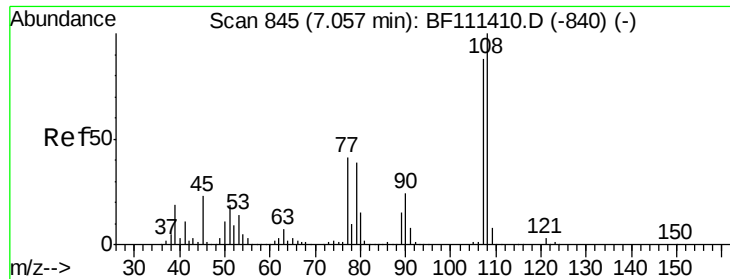


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.027 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

Tgt Ion:107 Resp: 238648

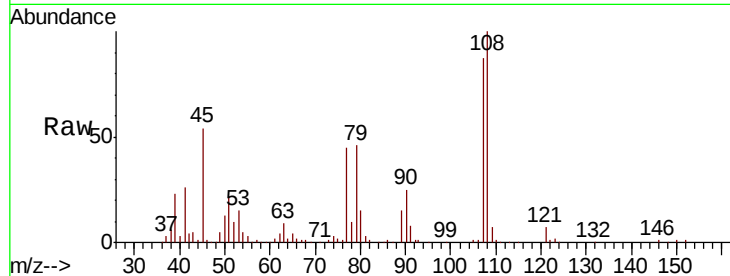
Ion Ratio Lower Upper

107 100

108 115.4 91.0 136.4

77 52.2 33.5 50.3#

79 52.7 33.3 49.9#

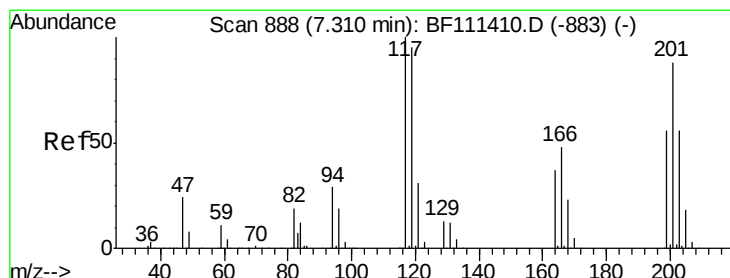
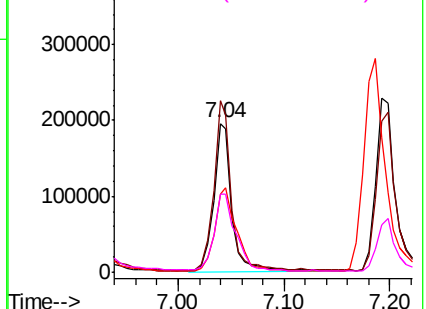
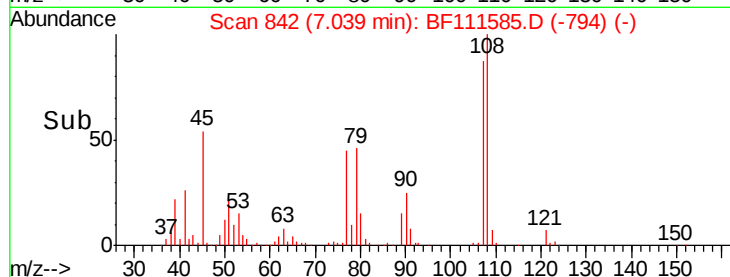


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.171 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

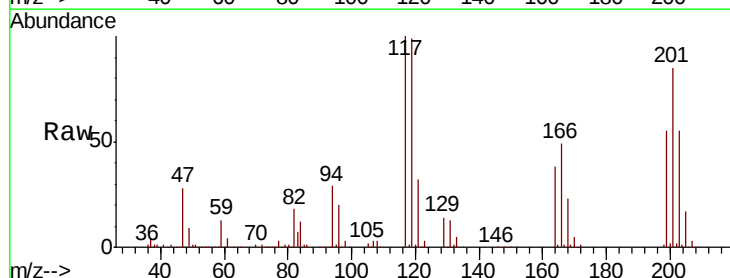
Tgt Ion:117 Resp: 116950

Ion Ratio Lower Upper

117 100

119 99.3 75.4 113.0

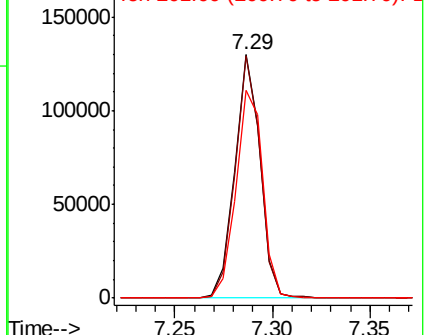
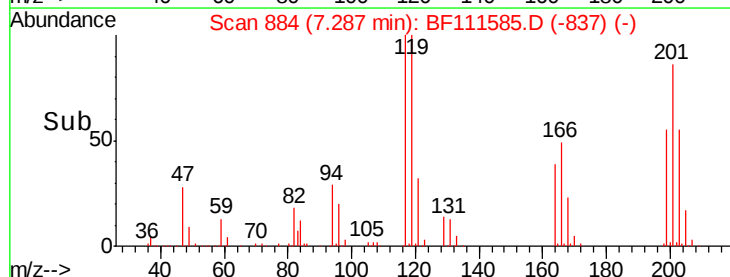
201 85.2 62.4 93.6

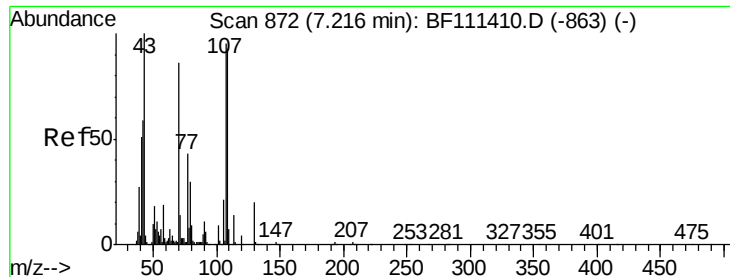


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

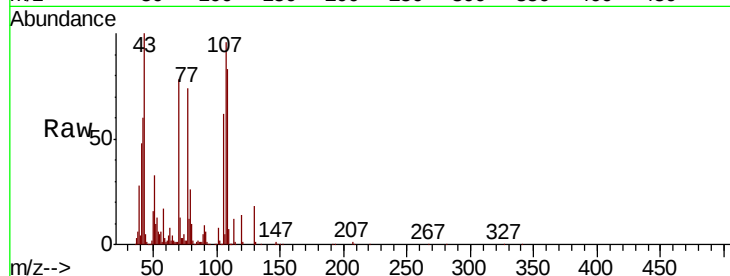




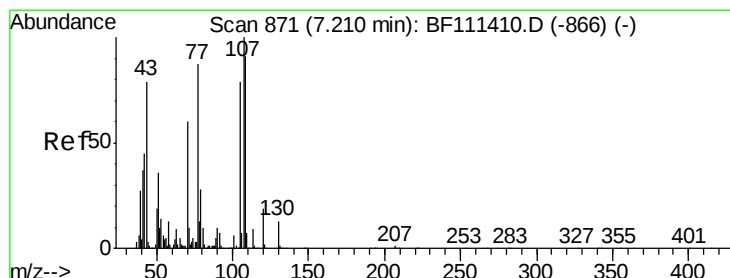
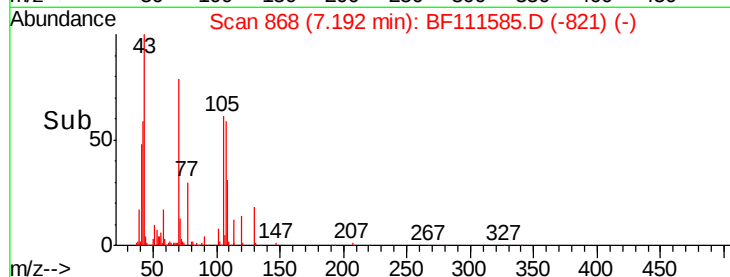
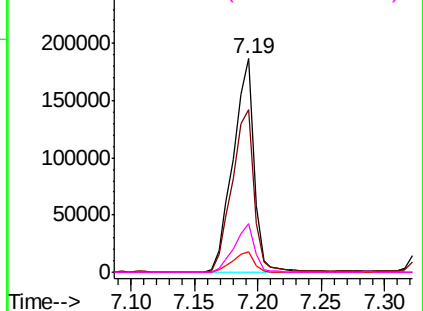
#19
n-Nitroso-di-n-propylamine
Concen: 35.463 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:	70	Resp:	214383
Ion	Ratio	Lower	Upper
70	100		
42	76.3	53.2	79.8
101	9.7	8.2	12.4
130	22.7	18.1	27.1

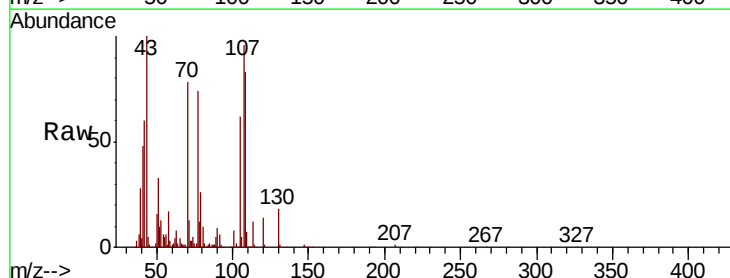


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

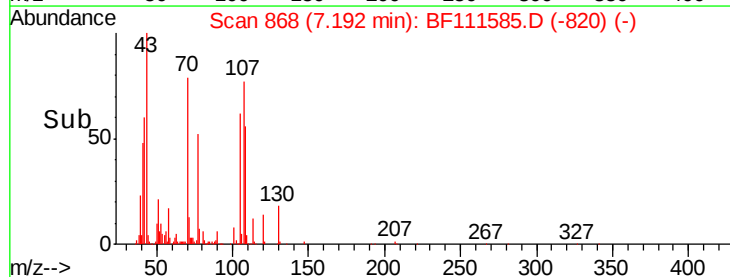
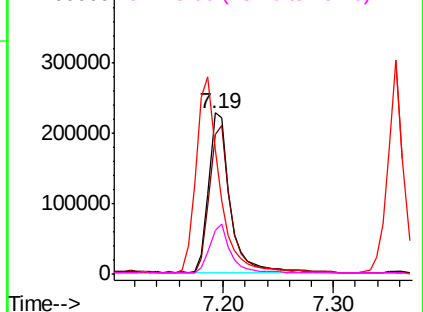


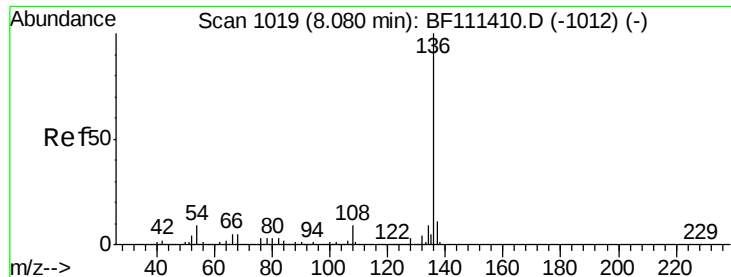
#20
3+4-Methylphenols
Concen: 36.492 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:	107	Resp:	303215
Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.1	112.1
77	77.2	94.1	134.1#
79	27.2	9.8	49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

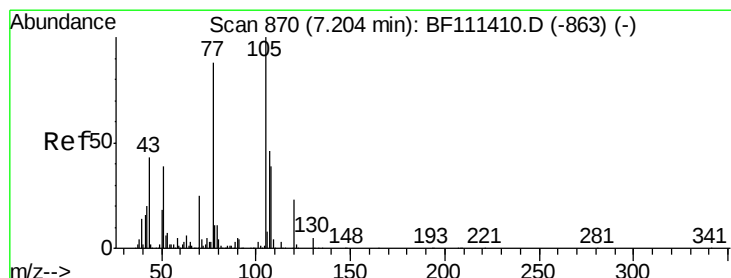
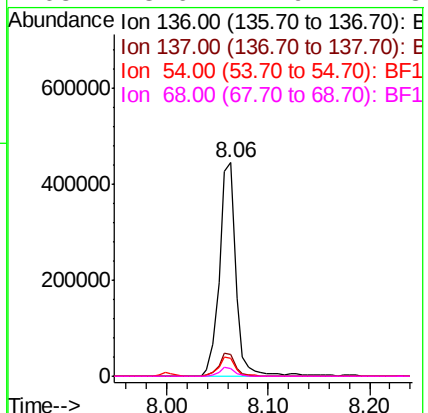
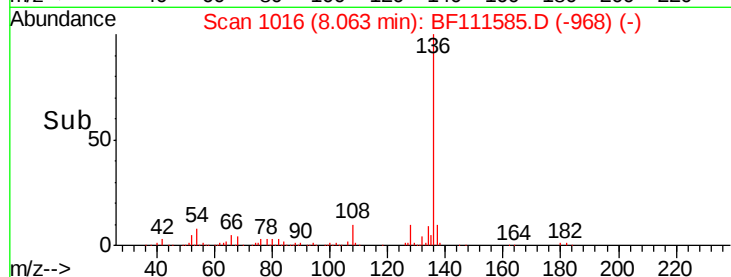
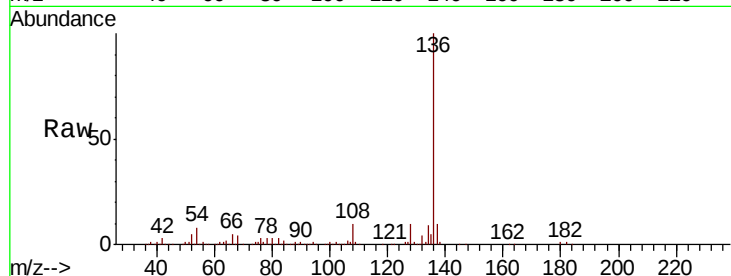




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

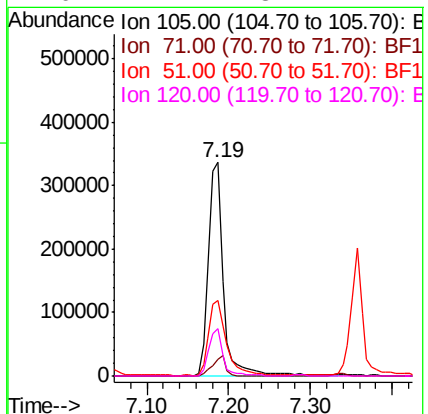
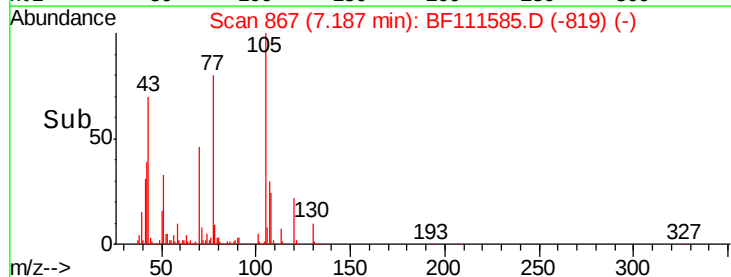
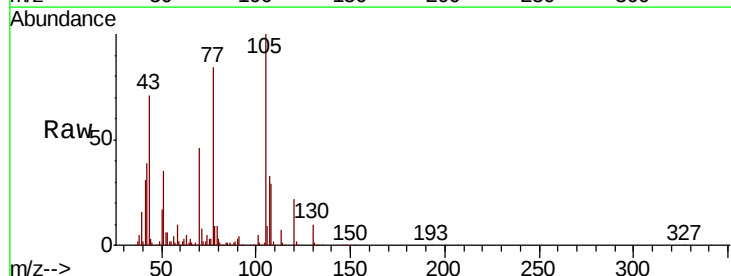
Instrument :
BNA_F
ClientSampleId :
PB115777BS

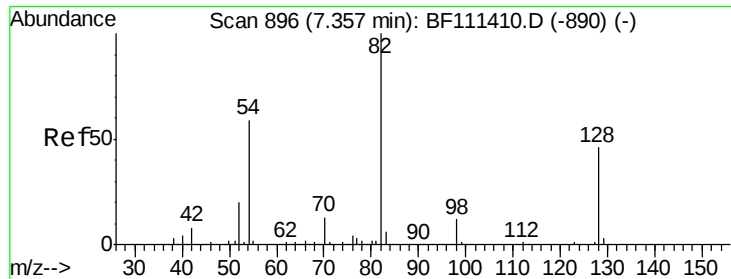
Tgt Ion:	136	Resp:	504357
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	8.2	7.7	11.5
68	3.6	4.9	7.3#



#22
Acetophenone
Concen: 38.382 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:	105	Resp:	432138
Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.1	4.7#
51	35.2	36.6	54.8#
120	22.4	18.2	27.4

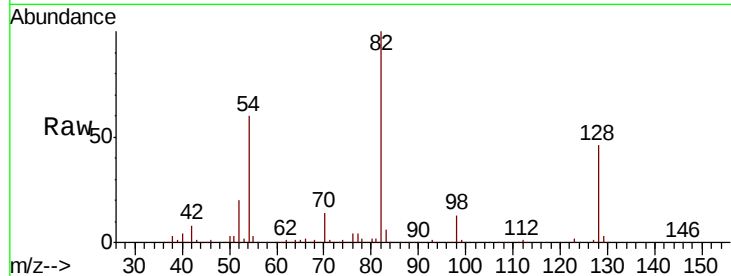




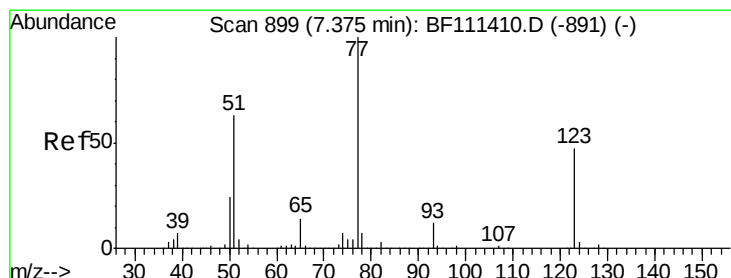
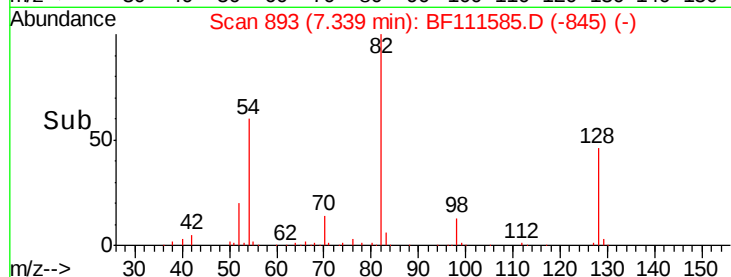
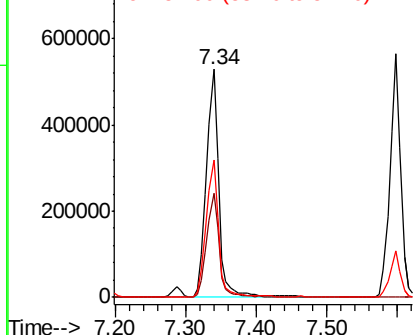
#23
Nitrobenzene-d5
Concen: 77.138 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion: 82 Resp: 653334
Ion Ratio Lower Upper
82 100
128 45.5 37.4 56.2
54 60.5 47.6 71.4

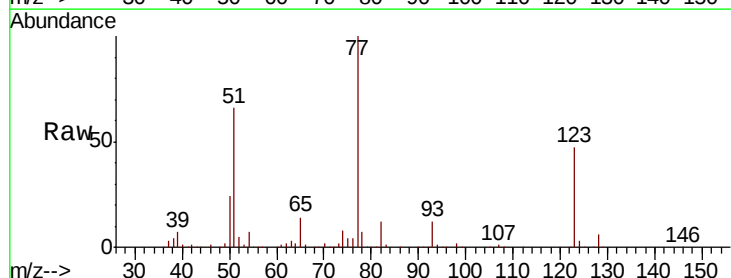


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

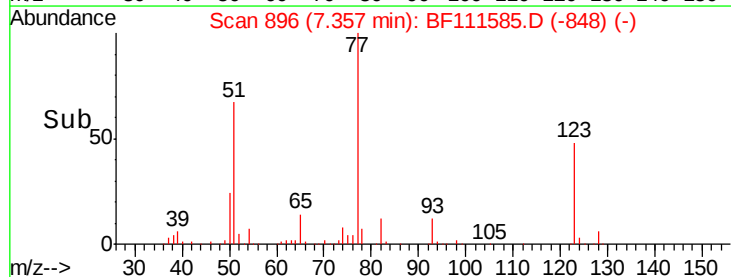
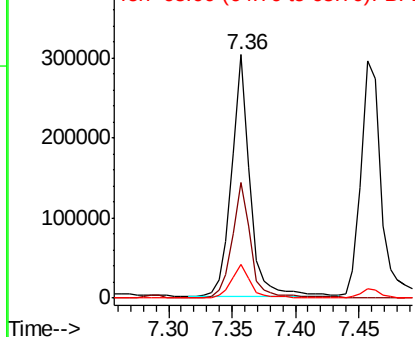


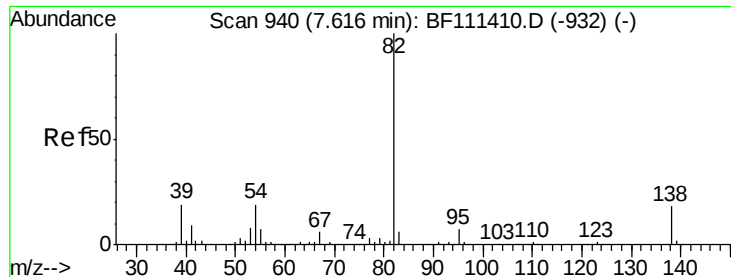
#24
Nitrobenzene
Concen: 34.801 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion: 77 Resp: 300681
Ion Ratio Lower Upper
77 100
123 47.4 37.2 55.8
65 13.8 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

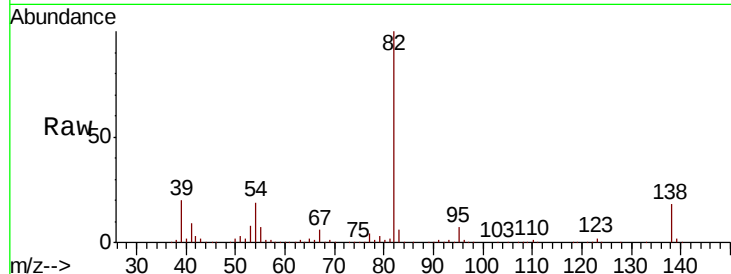




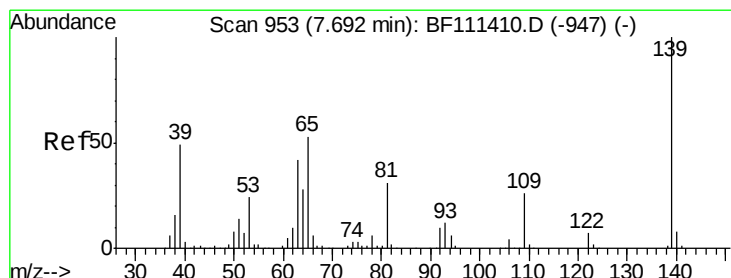
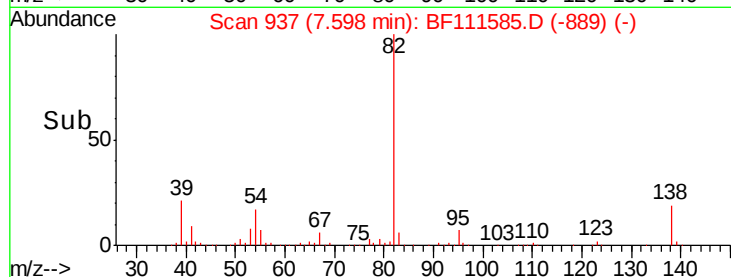
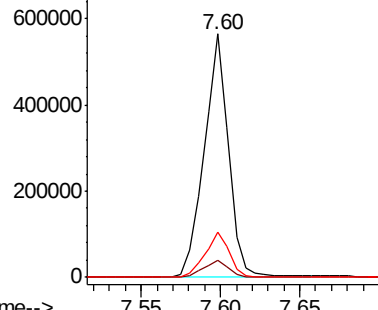
#25
Isophorone
Concen: 41.684 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion: 82 Resp: 597364
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.5 15.1 22.7

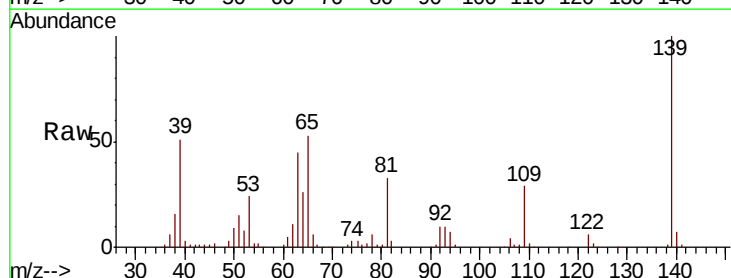


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

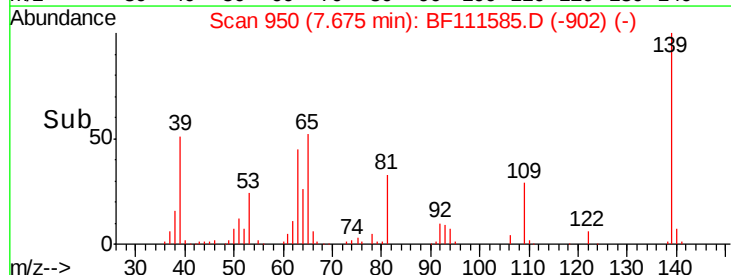
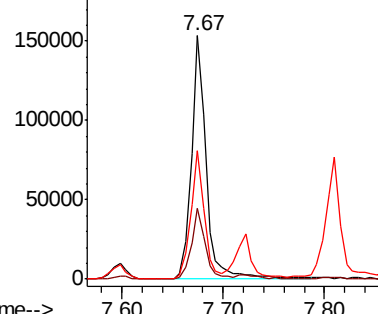


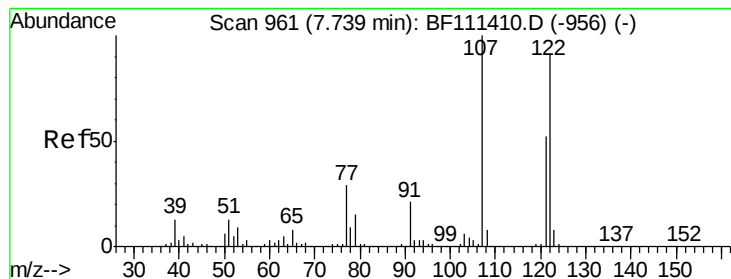
#26
2-Nitrophenol
Concen: 34.970 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion: 139 Resp: 156689
Ion Ratio Lower Upper
139 100
109 28.8 20.2 30.4
65 52.6 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.323 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

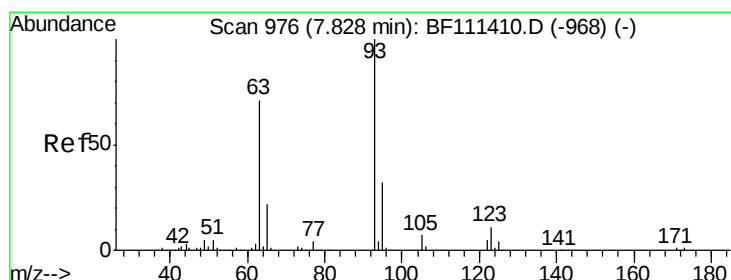
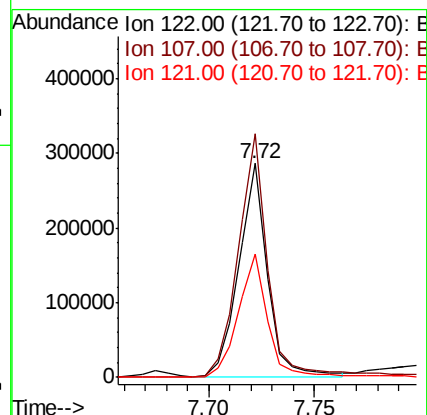
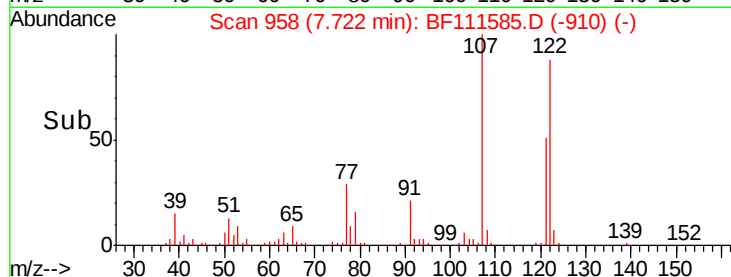
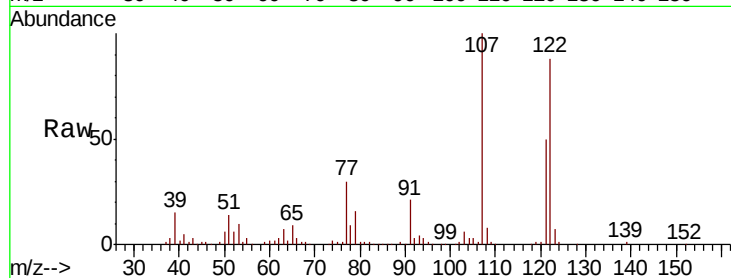
Tgt Ion:122 Resp: 268427

Ion Ratio Lower Upper

122 100

107 114.0 85.5 128.3

121 57.5 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.963 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

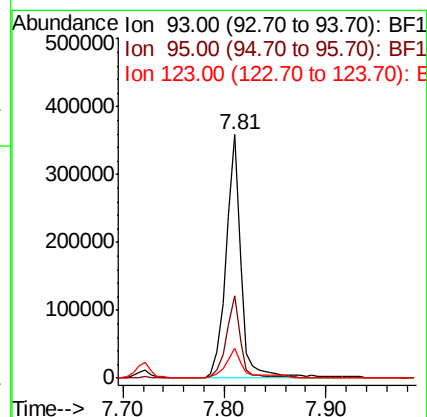
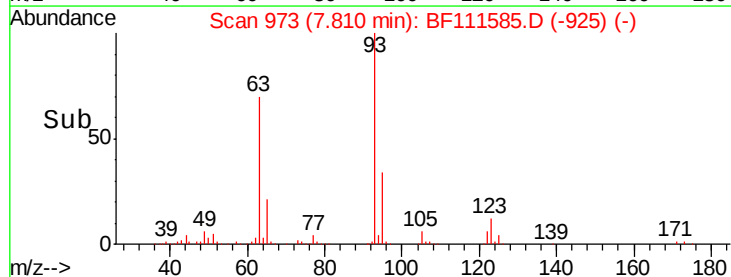
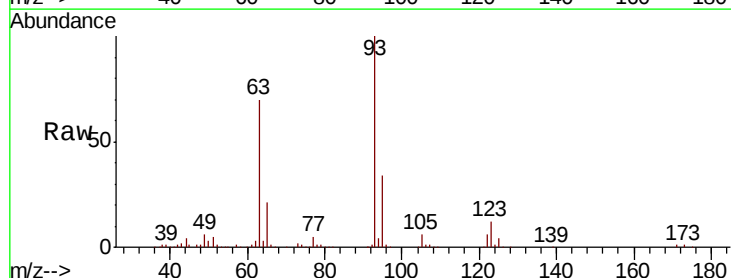
Tgt Ion: 93 Resp: 365687

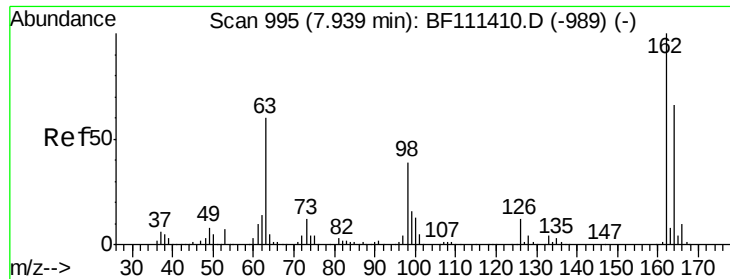
Ion Ratio Lower Upper

93 100

95 33.8 27.1 40.7

123 12.1 9.9 14.9

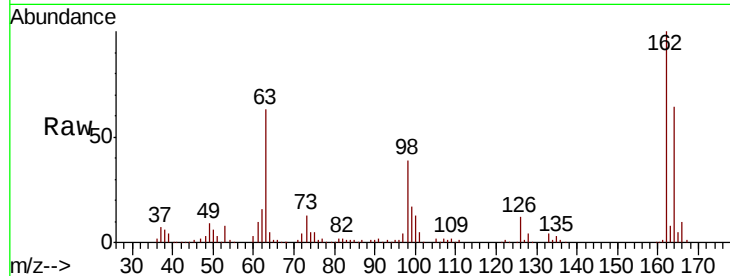




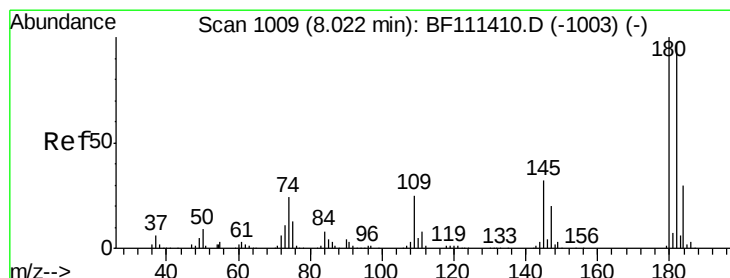
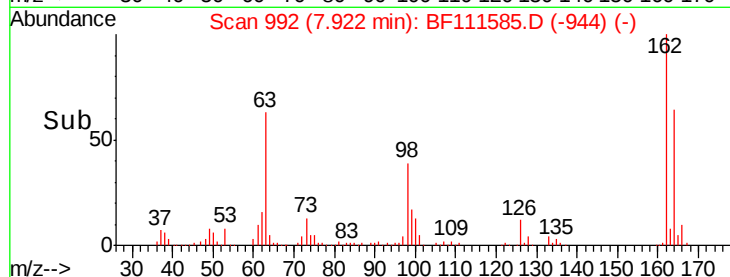
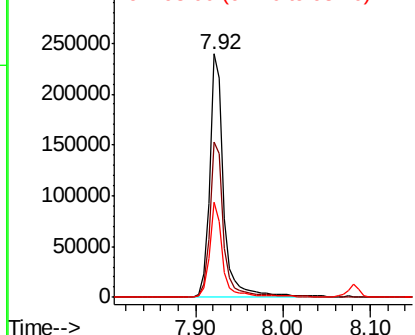
#29
2,4-Dichlorophenol
Concen: 38.704 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:162 Resp: 268382
Ion Ratio Lower Upper
162 100
164 63.7 44.4 84.4
98 39.0 20.3 60.3

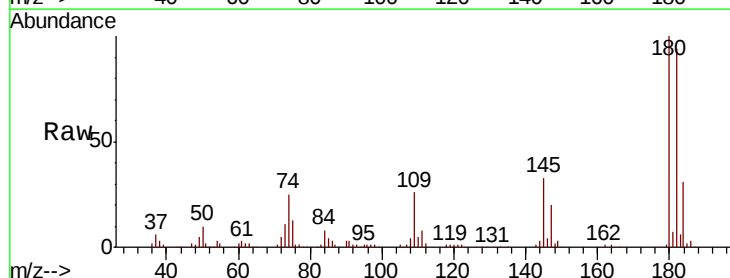


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

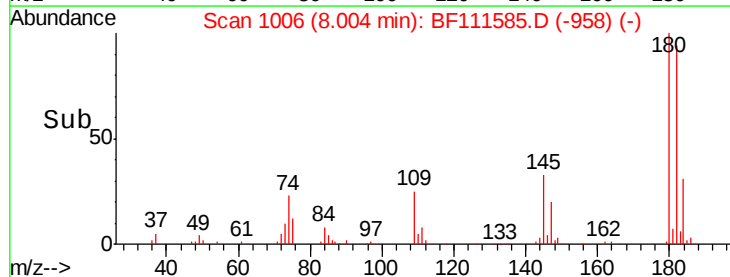
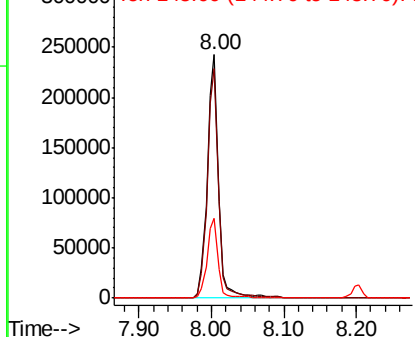


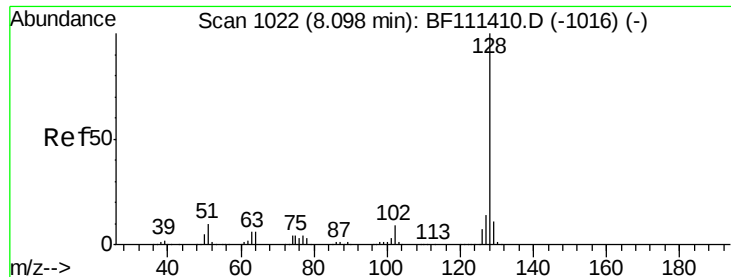
#30
1,2,4-Trichlorobenzene
Concen: 36.059 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:180 Resp: 261754
Ion Ratio Lower Upper
180 100
182 94.1 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

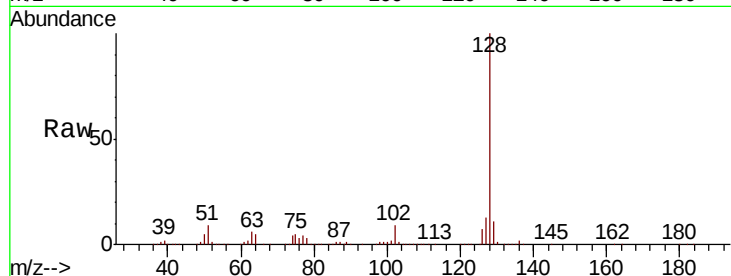




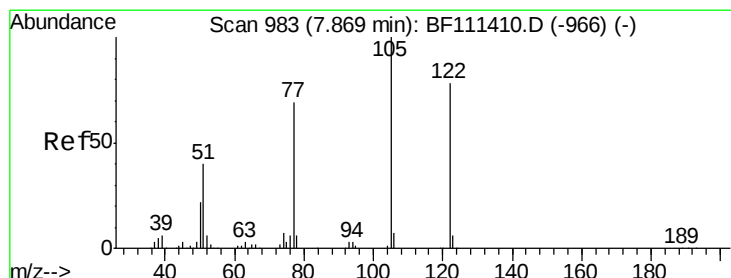
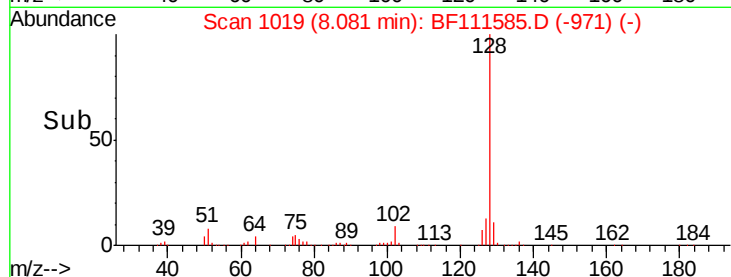
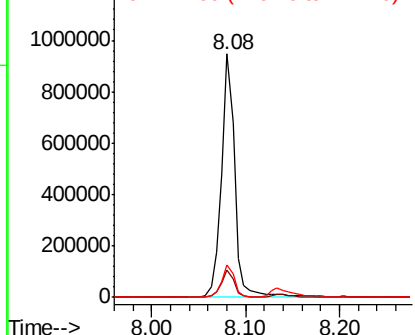
#31
Naphthalene
Concen: 40.304 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:128 Resp: 950765
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 13.1 12.0 18.0

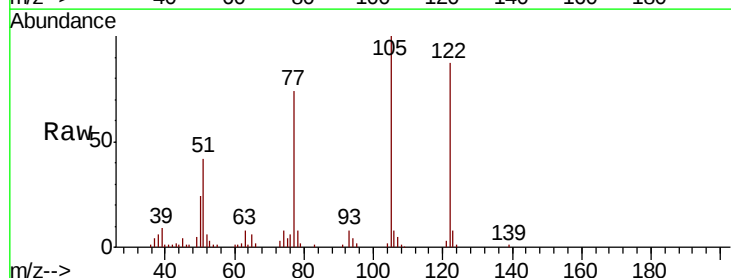


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

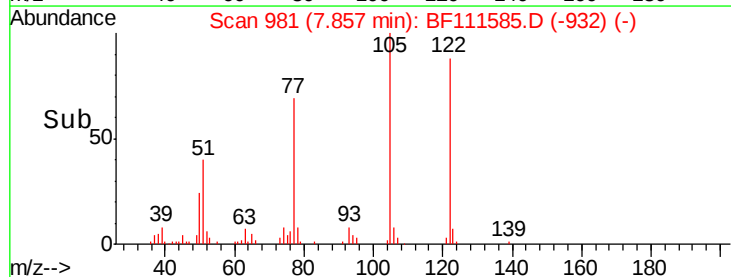
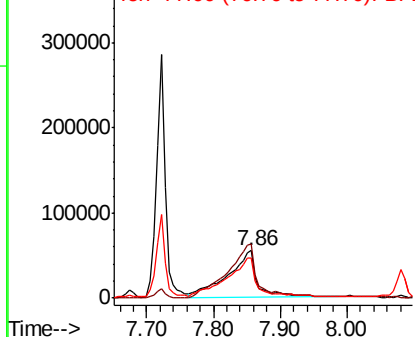


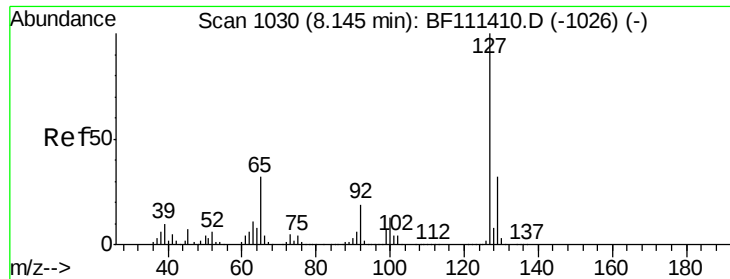
#32
Benzoic acid
Concen: 30.404 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:122 Resp: 170669
Ion Ratio Lower Upper
122 100
105 114.5 97.0 137.0
77 84.5 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

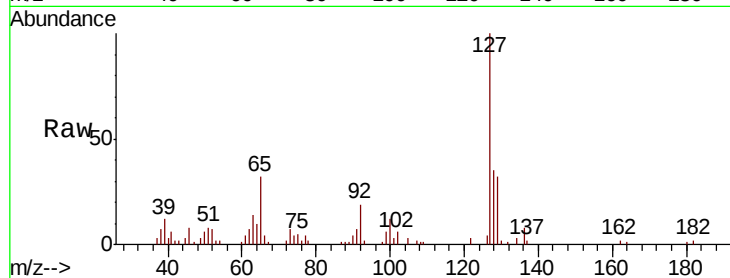




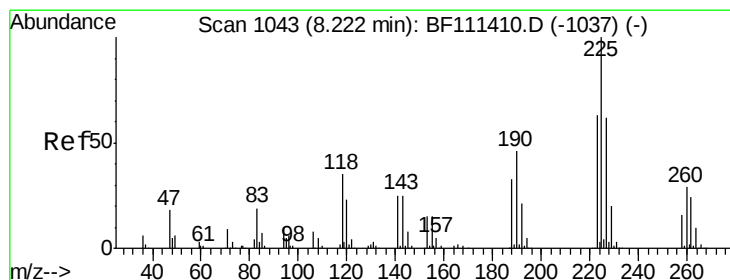
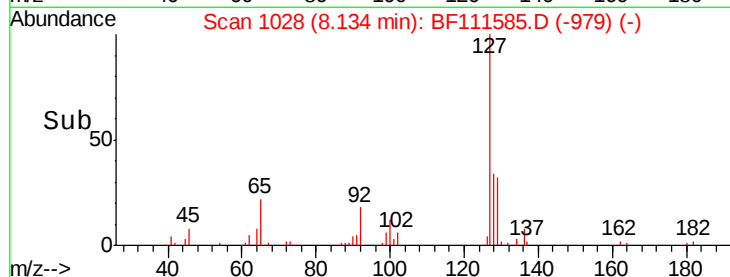
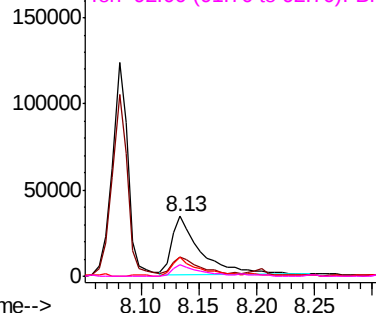
#33
4-Chloroaniline
Concen: 5.695 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:	127	Resp:	59736
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	31.7	25.7	38.5
92	18.8	15.4	23.2

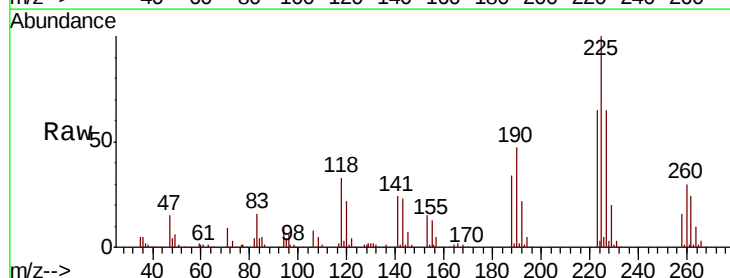


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

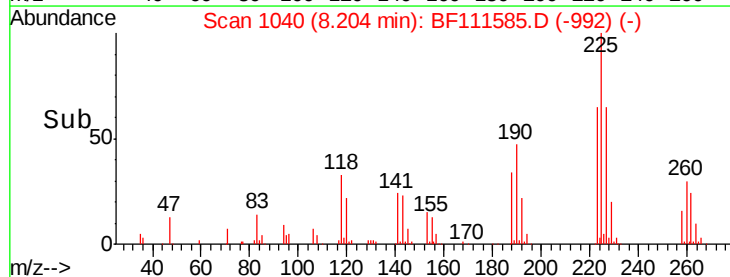
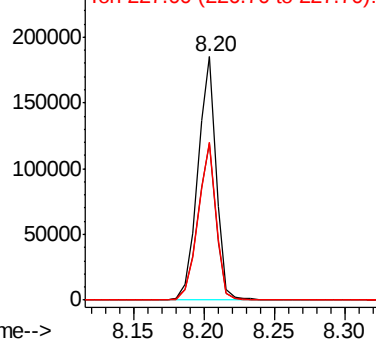


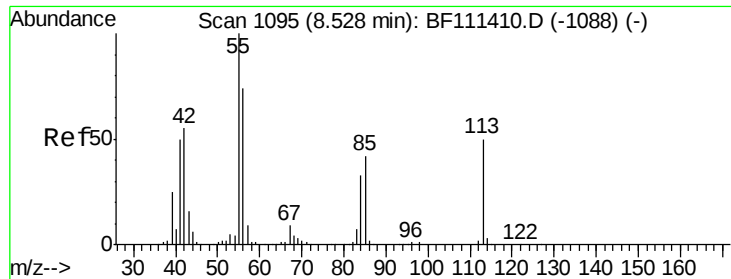
#34
Hexachlorobutadiene
Concen: 41.724 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:	225	Resp:	166865
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.7	76.1
227	64.6	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

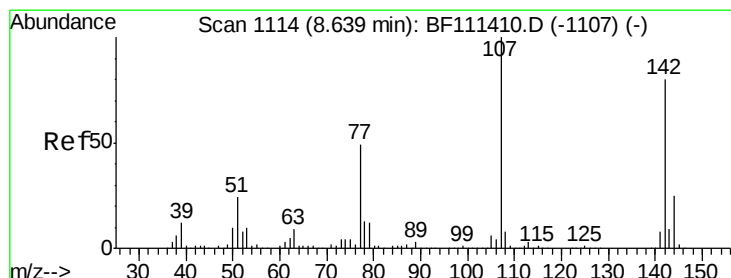
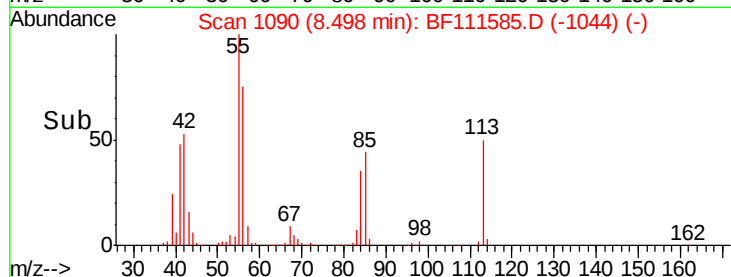
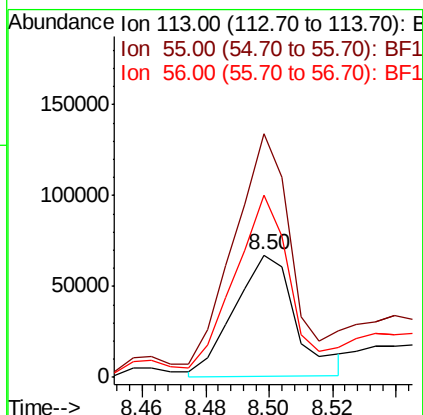
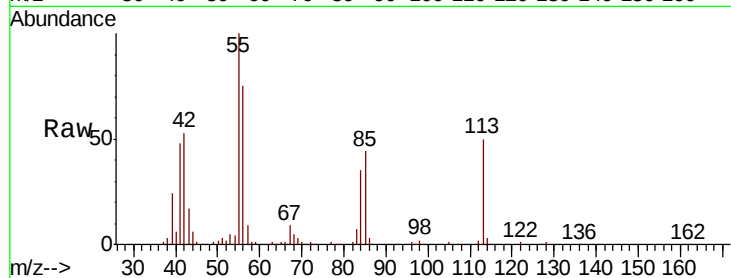




#35
 Caprolactam
 Concen: 34.966 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.03 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

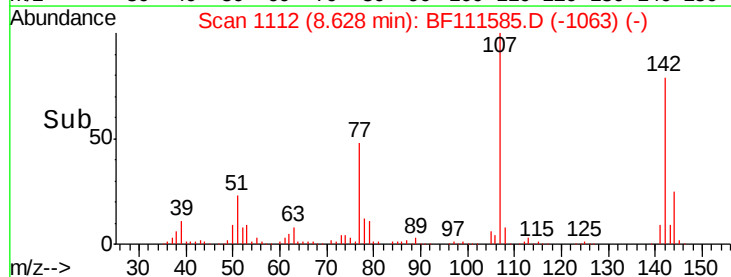
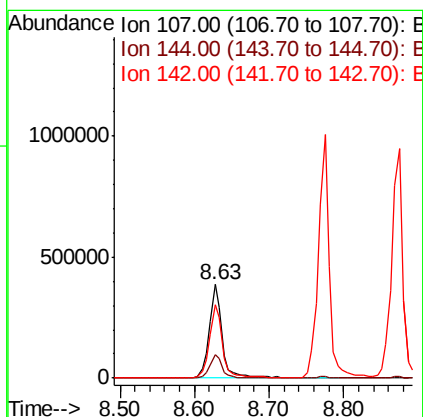
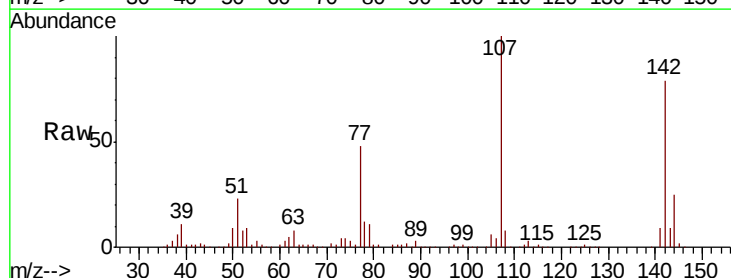
Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

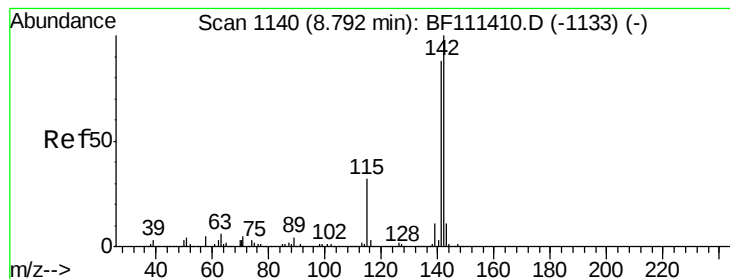
Tgt Ion:113 Resp: 90022
 Ion Ratio Lower Upper
 113 100
 55 198.6 184.1 224.1
 56 148.9 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 60.823 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:107 Resp: 464244
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 79.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 63.720 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

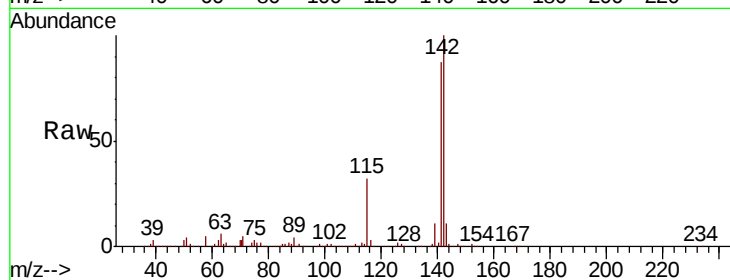
Tgt Ion:142 Resp: 1017150

Ion Ratio Lower Upper

142 100

141 86.7 70.6 105.8

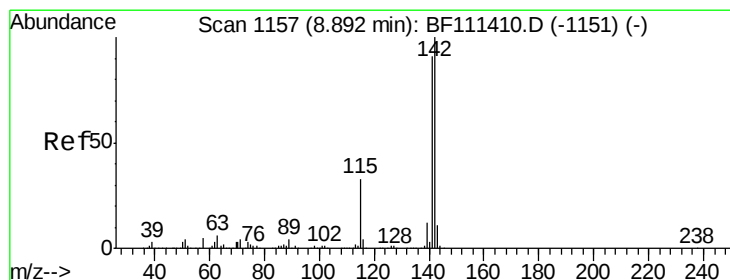
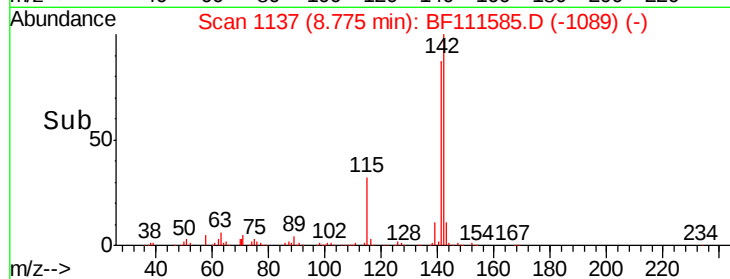
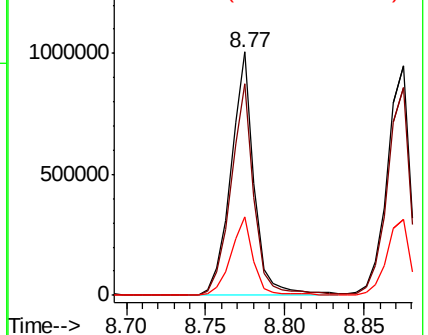
115 32.2 27.0 40.6



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: 63.998 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

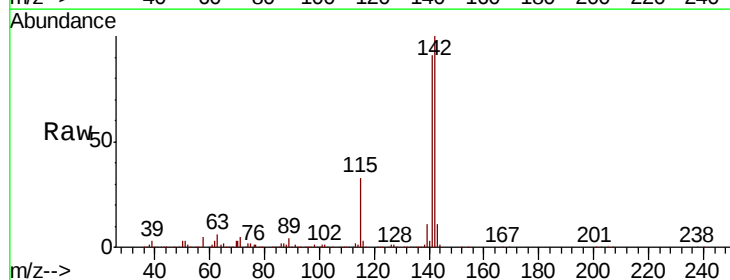
Tgt Ion:142 Resp: 986931

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

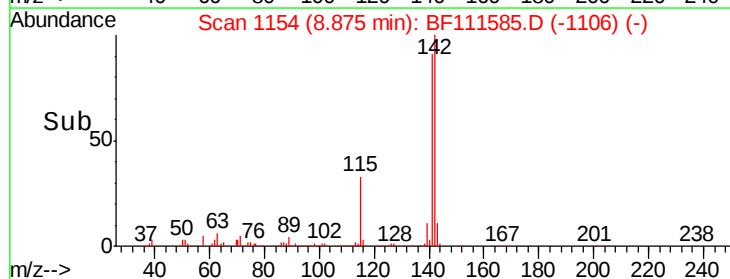
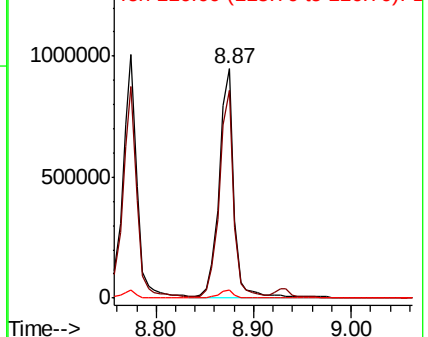
116 3.3 2.9 4.3

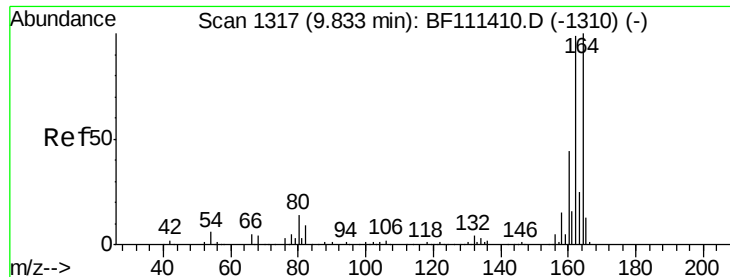


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

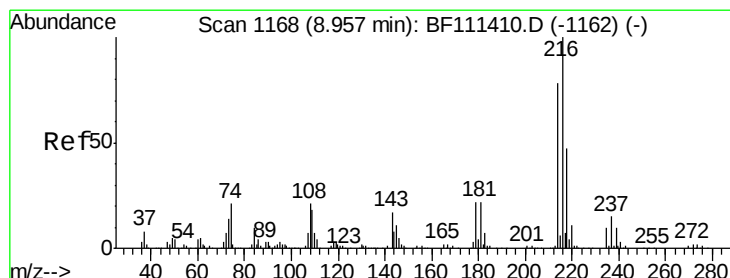
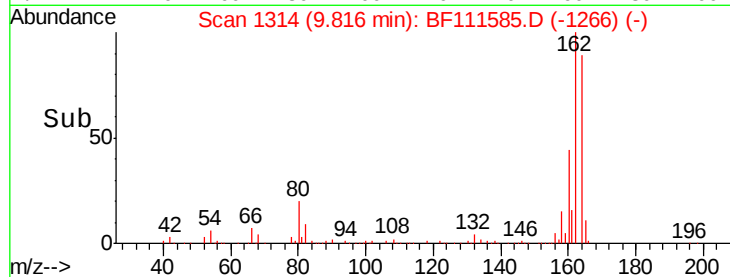
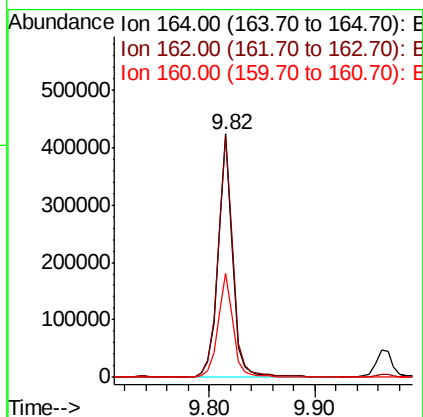
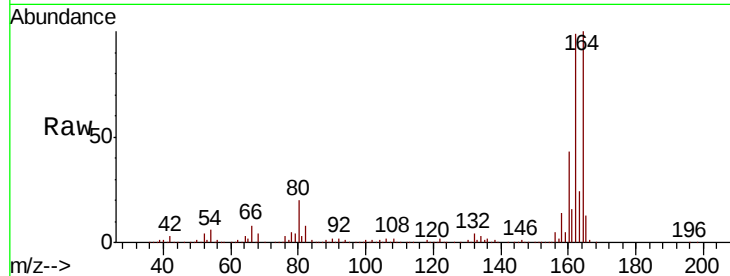




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

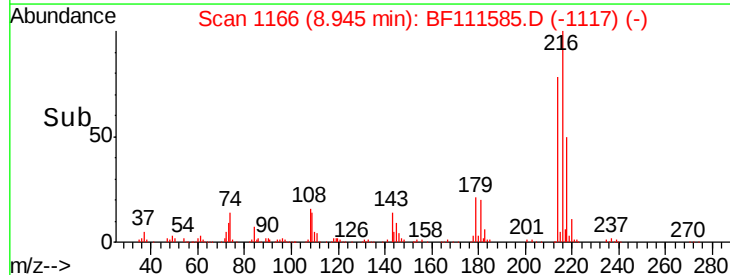
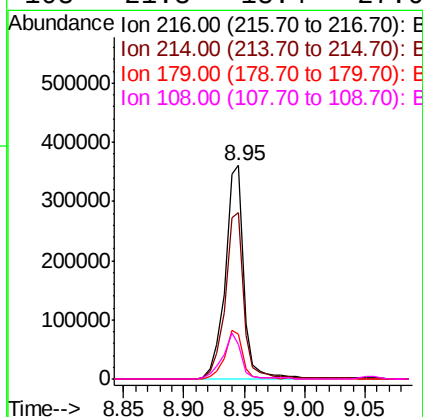
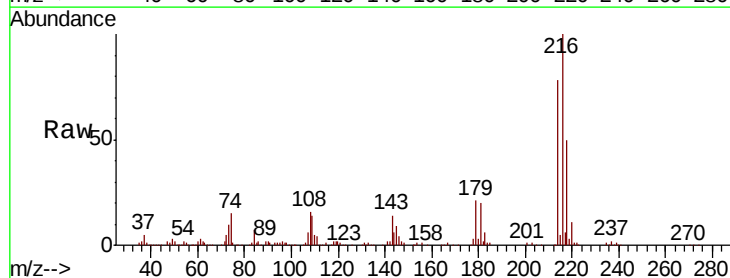
Instrument :
 BNA_F
 ClientSampleID :
 PB115777BS

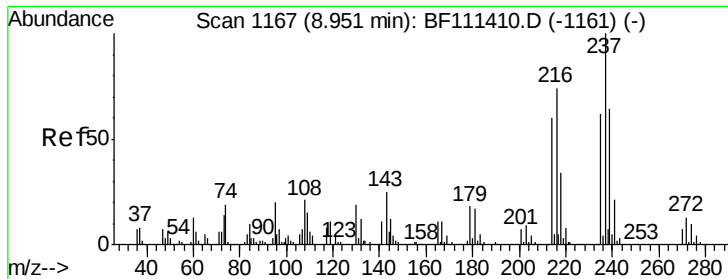
Tgt Ion:164 Resp: 419150
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.4 122.0
 160 42.9 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.799 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:216 Resp: 388509
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.8 95.8
 179 22.3 17.9 26.9
 108 21.3 18.4 27.6

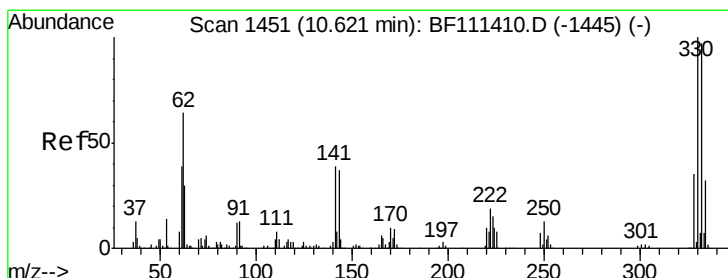
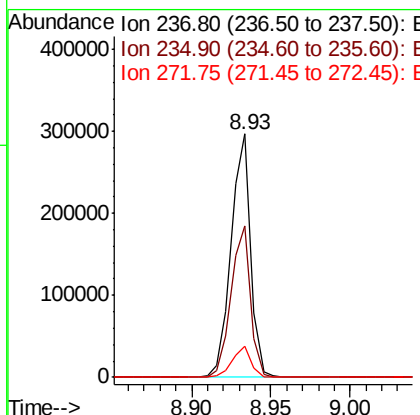
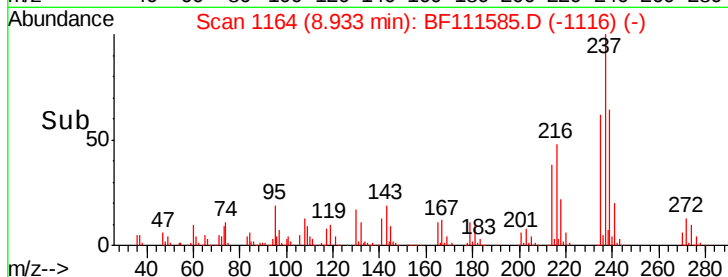
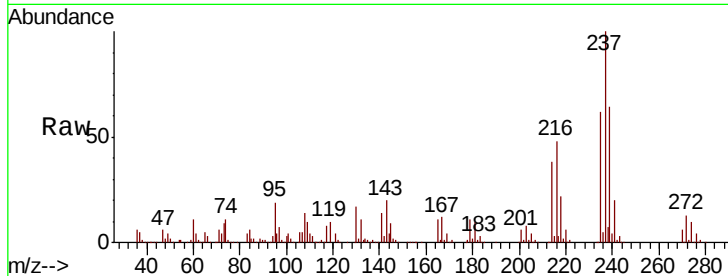




#41
Hexachlorocyclopentadiene
Concen: 43.031 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

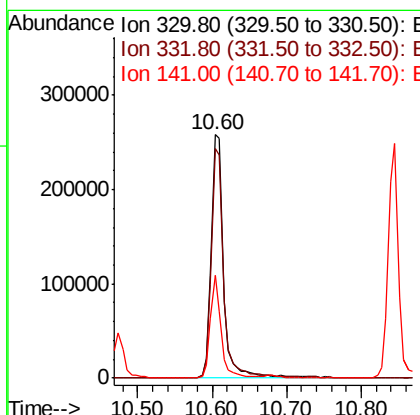
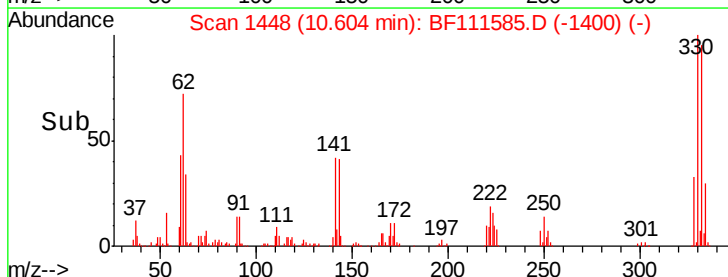
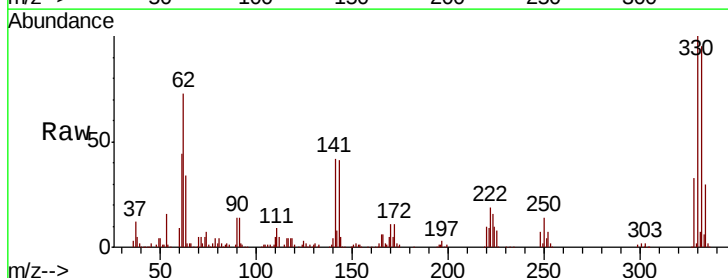
Instrument :
BNA_F
ClientSampleId :
PB115777BS

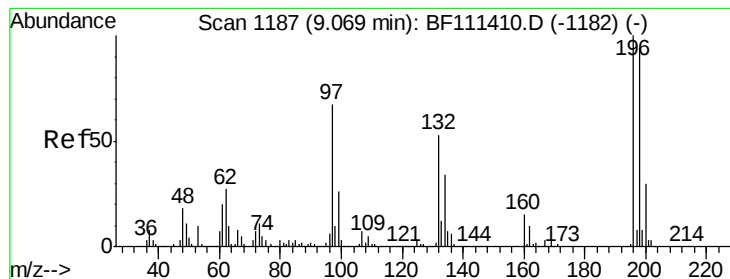
Tgt Ion: 237 Resp: 253952
Ion Ratio Lower Upper
237 100
235 62.2 43.1 83.1
272 12.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 79.034 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion: 330 Resp: 296750
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 36.0 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 33.690 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

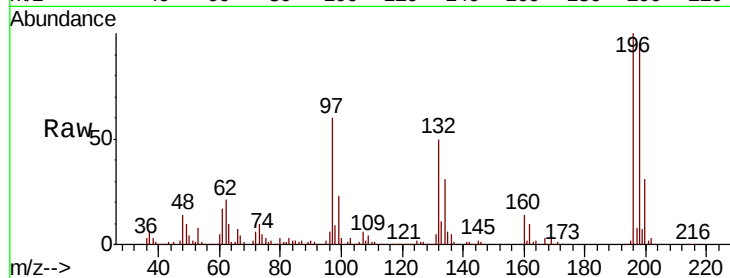
Tgt Ion:196 Resp: 274083

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

200 30.6 24.9 37.3

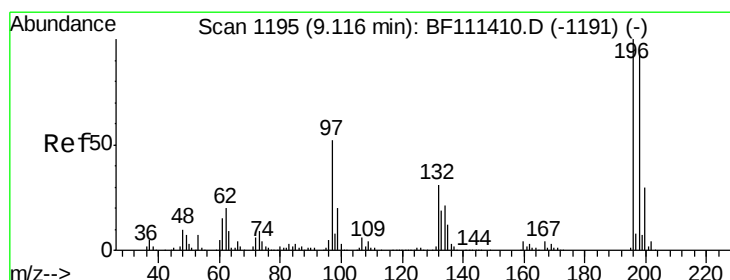
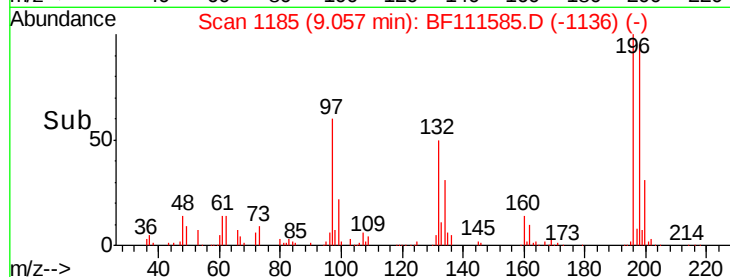
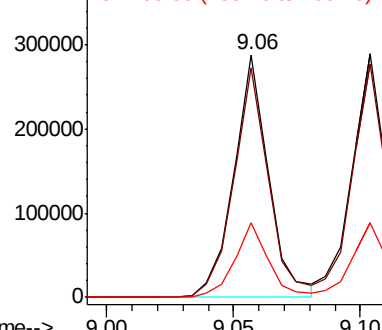


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 34.867 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:196 Resp: 301850

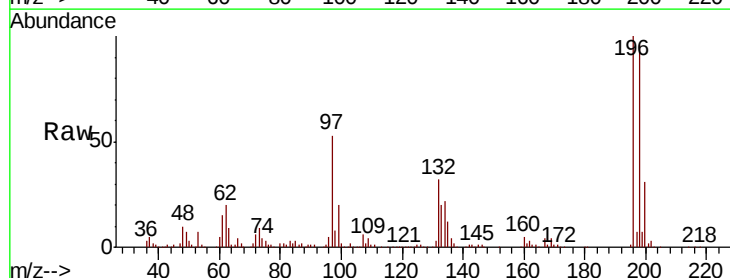
Ion Ratio Lower Upper

196 100

198 95.6 72.9 109.3

97 53.0 45.3 67.9

132 32.0 25.5 38.3



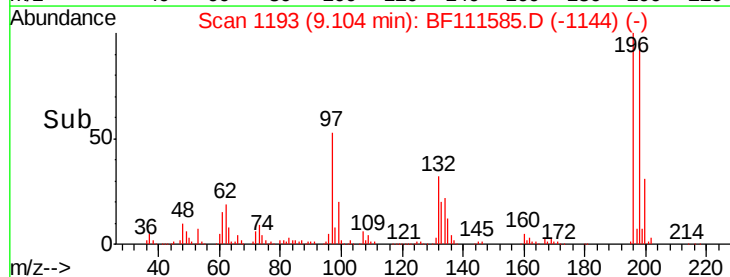
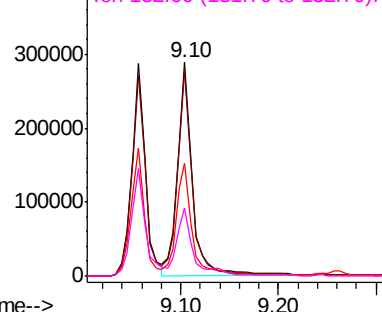
Abundance

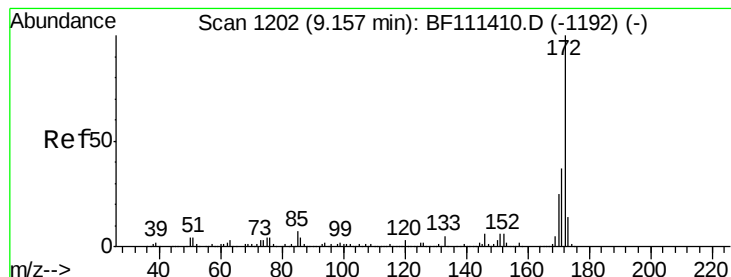
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 75.056 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

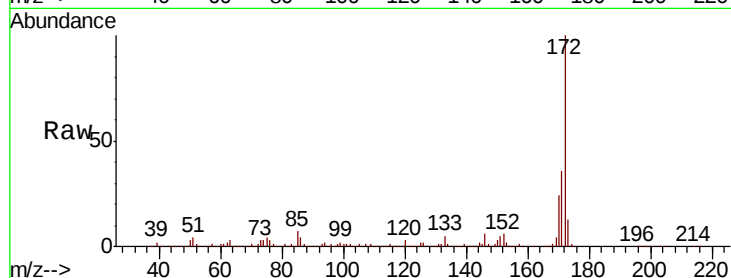
Tgt Ion:172 Resp: 2036703

Ion Ratio Lower Upper

172 100

171 36.0 33.0 49.4

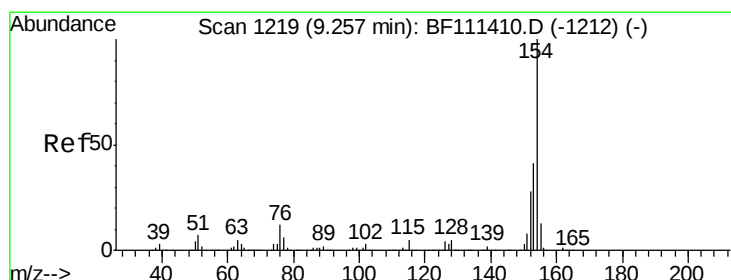
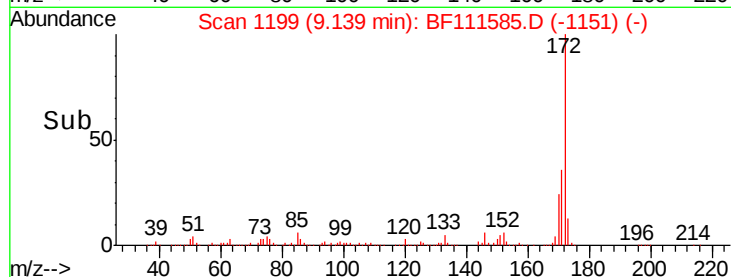
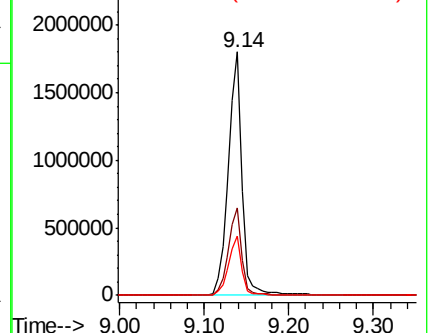
170 24.3 22.3 33.5



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: 34.185 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

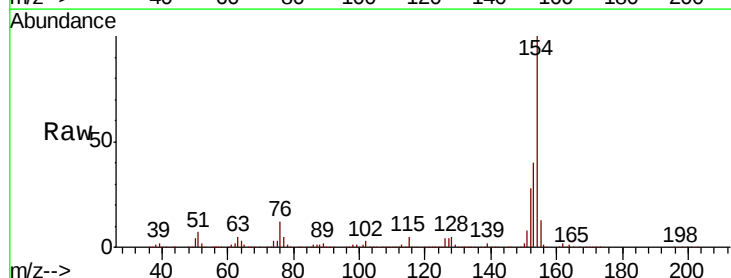
Tgt Ion:154 Resp: 1214077

Ion Ratio Lower Upper

154 100

153 40.0 23.7 63.7

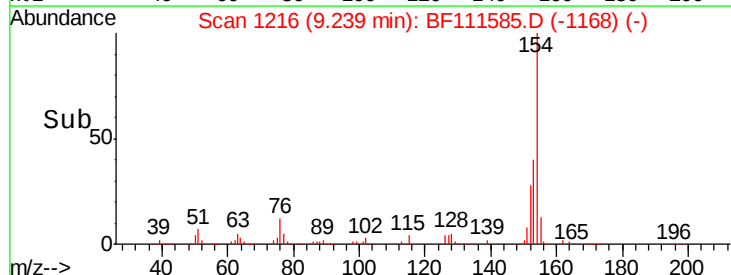
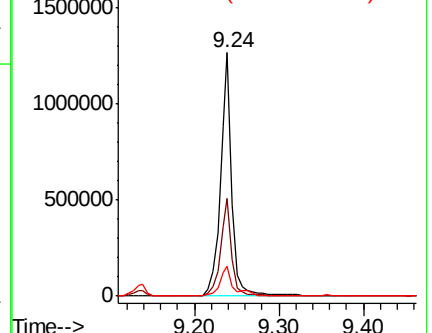
76 12.1 0.0 35.0

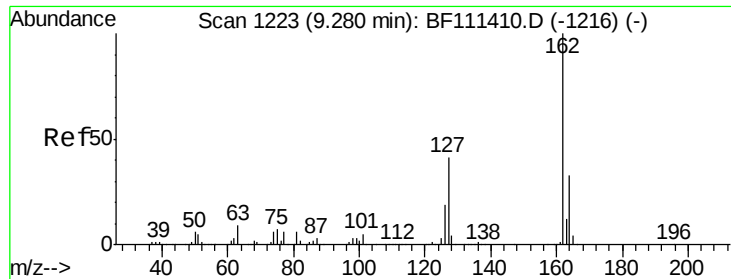


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

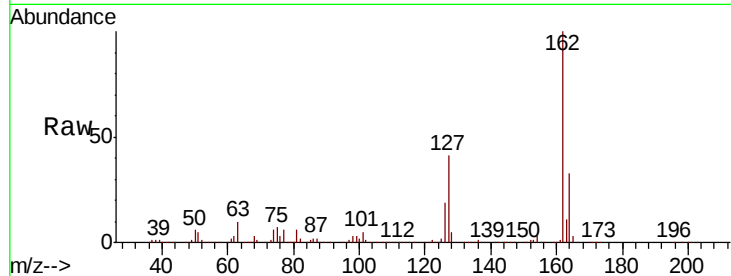




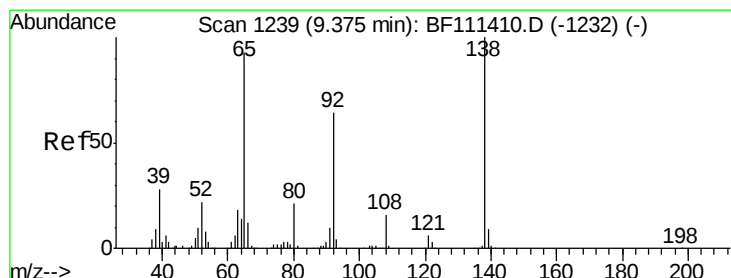
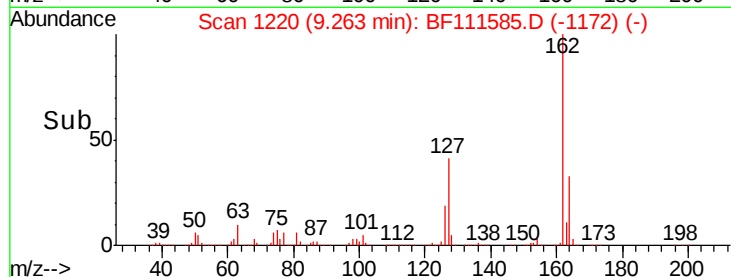
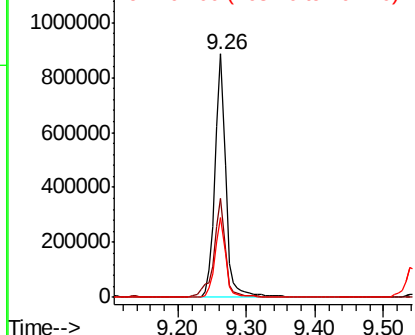
#47
2-Chloronaphthalene
Concen: 35.706 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:162 Resp: 963912
Ion Ratio Lower Upper
162 100
127 40.7 35.0 52.4
164 33.0 28.4 42.6

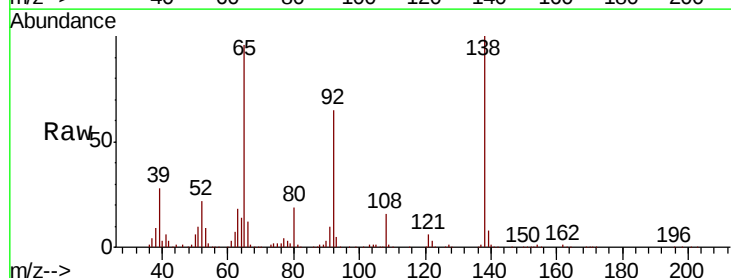


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

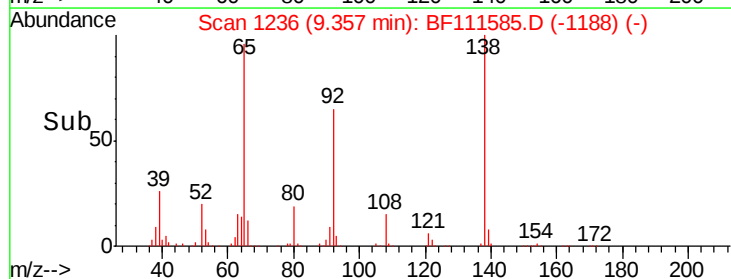
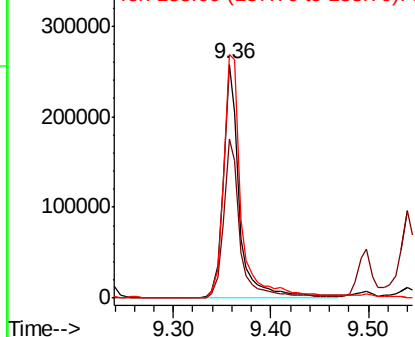


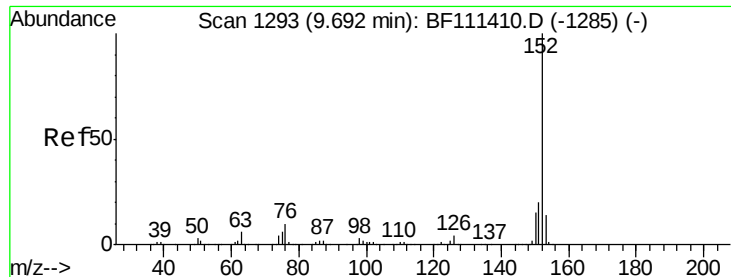
#48
2-Nitroaniline
Concen: 33.839 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion: 65 Resp: 296612
Ion Ratio Lower Upper
65 100
92 68.0 53.5 80.3
138 104.3 80.9 121.3



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





#49

Acenaphthylene

Concen: 39.028 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

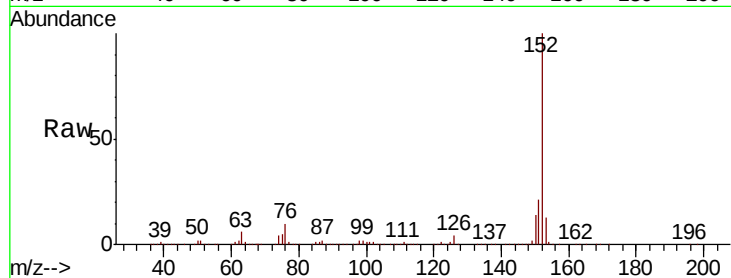
Tgt Ion:152 Resp: 1563901

Ion Ratio Lower Upper

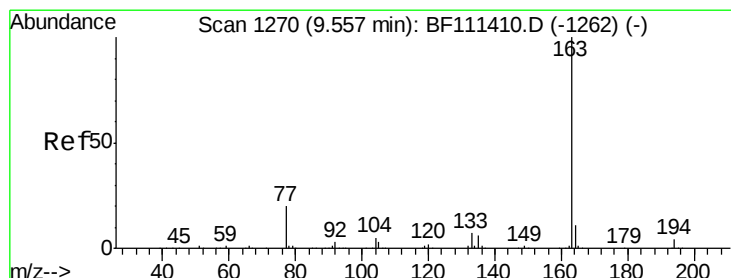
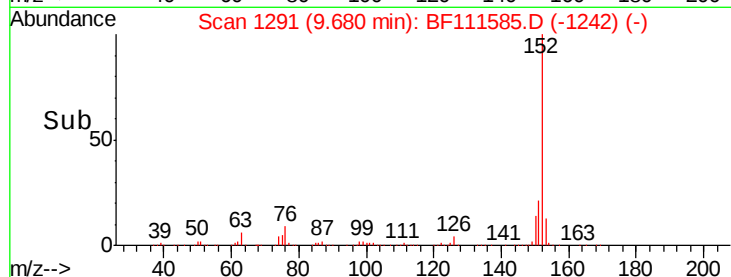
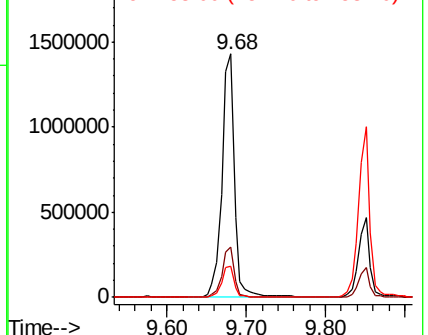
152 100

151 20.5 18.0 27.0

153 13.0 12.3 18.5



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: 38.716 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

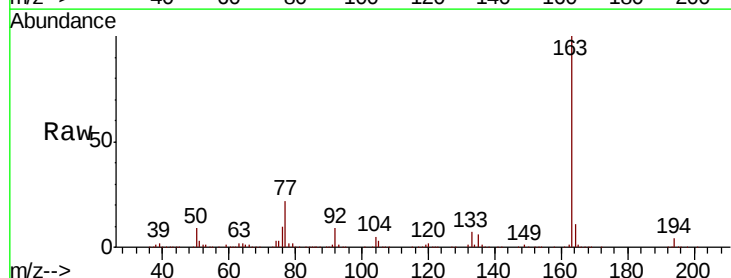
Tgt Ion:163 Resp: 1168690

Ion Ratio Lower Upper

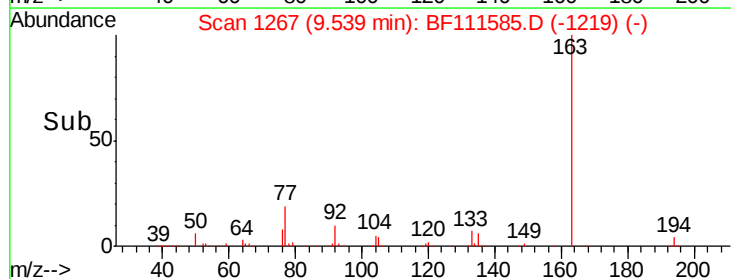
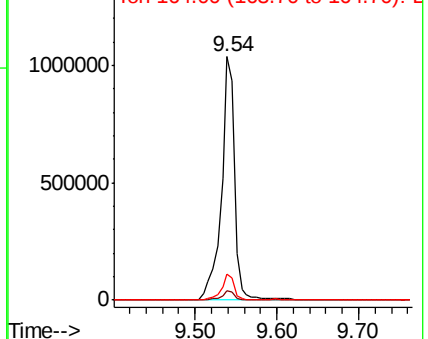
163 100

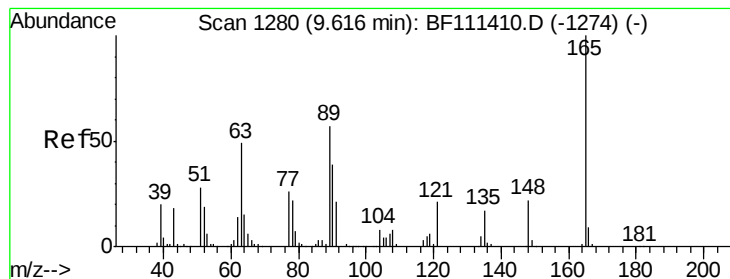
194 3.7 3.0 4.6

164 10.6 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: 37.667 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

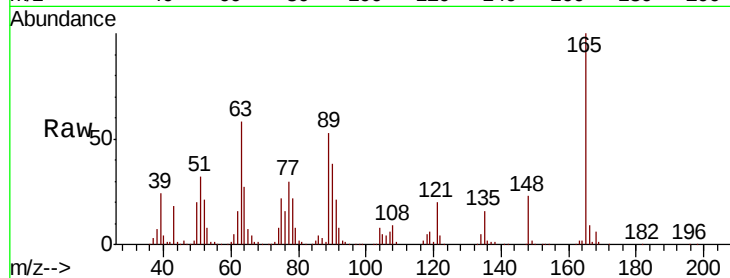
Tgt Ion:165 Resp: 255936

Ion Ratio Lower Upper

165 100

63 57.7 40.5 60.7

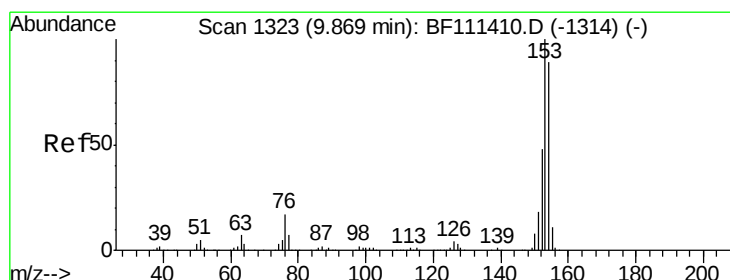
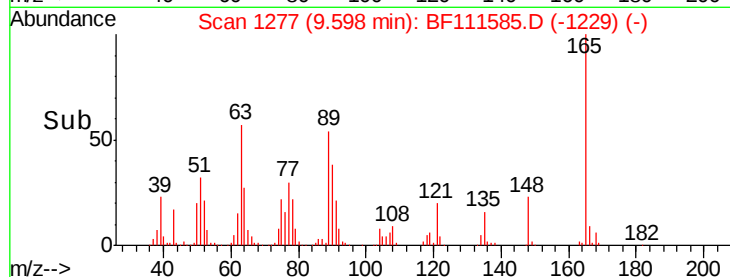
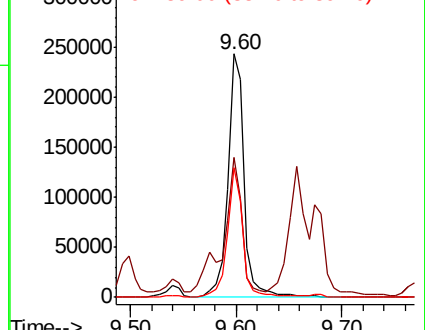
89 53.5 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.242 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

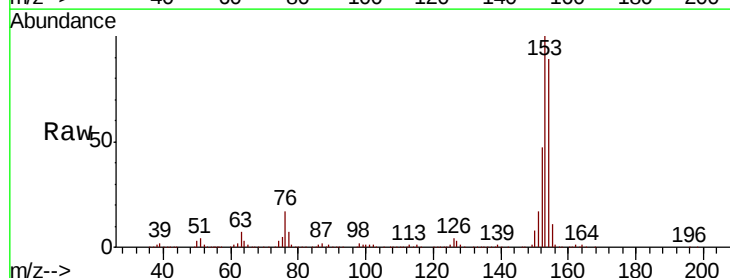
Tgt Ion:154 Resp: 867234

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.8

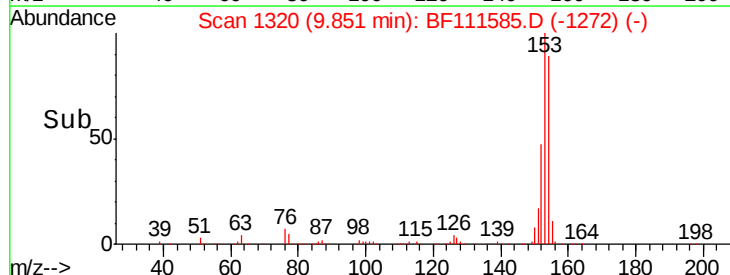
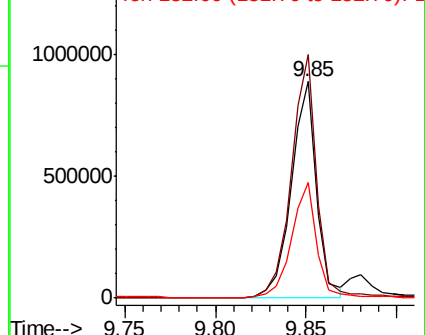
152 53.2 43.4 65.2

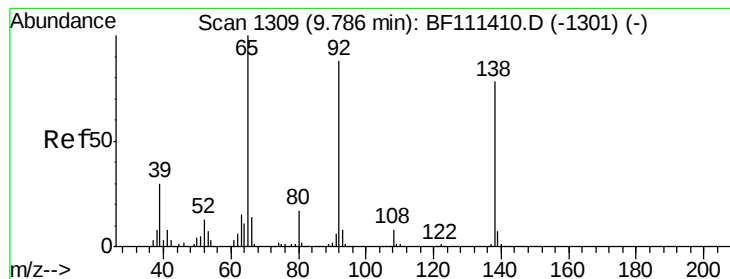


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.297 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

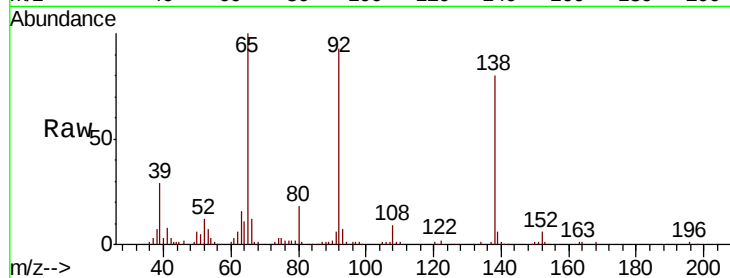
Tgt Ion:138 Resp: 93238

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

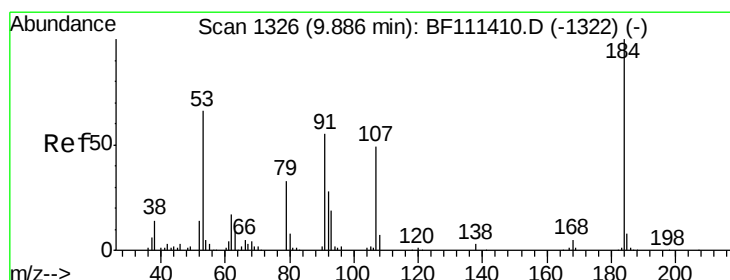
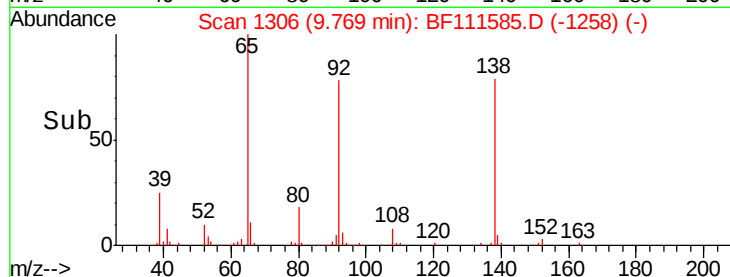
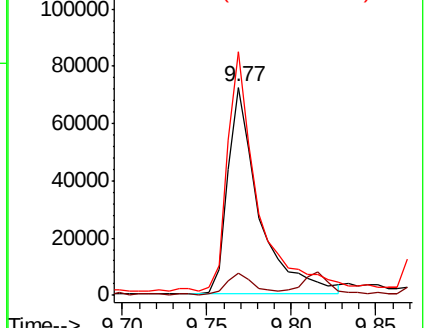
92 117.2 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 55.164 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

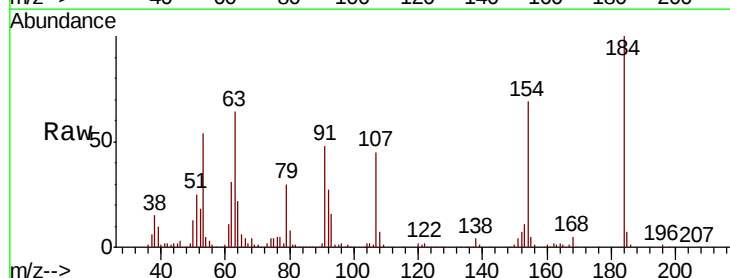
Tgt Ion:184 Resp: 142600

Ion Ratio Lower Upper

184 100

63 63.5 62.3 93.5

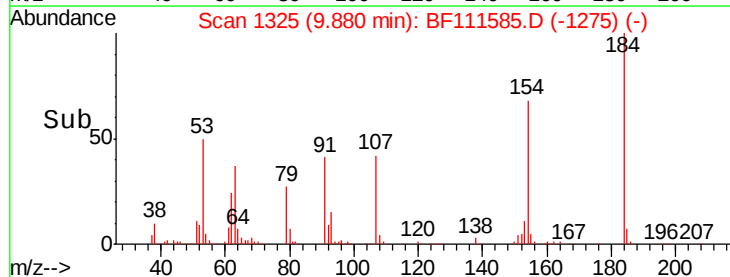
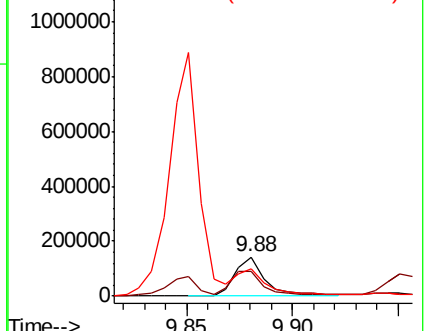
154 68.8 56.2 84.2

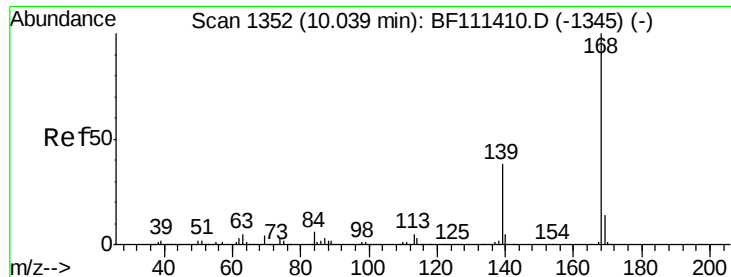


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

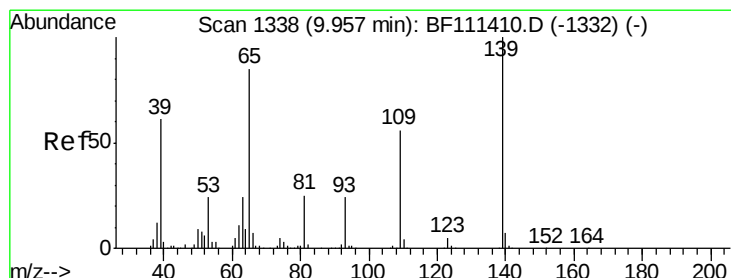
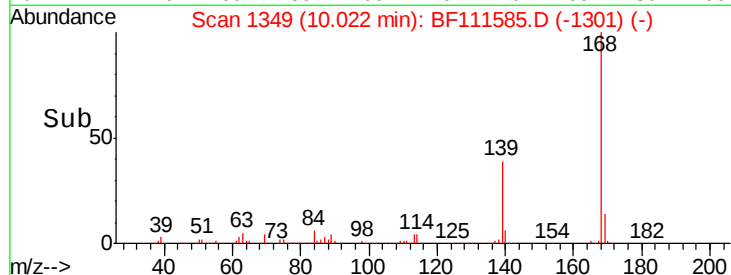
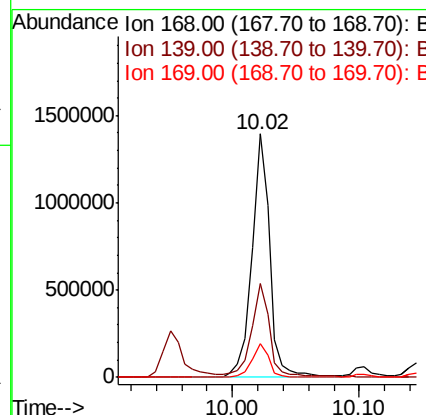
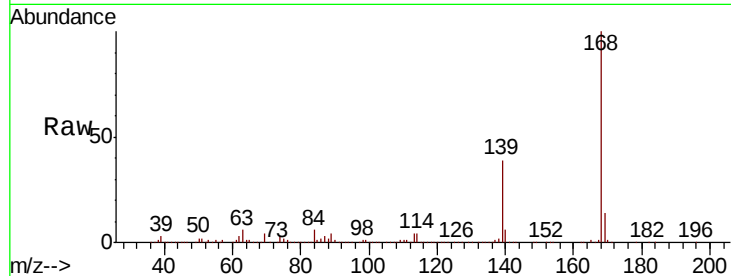




#55
Dibenzofuran
Concen: 37.159 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

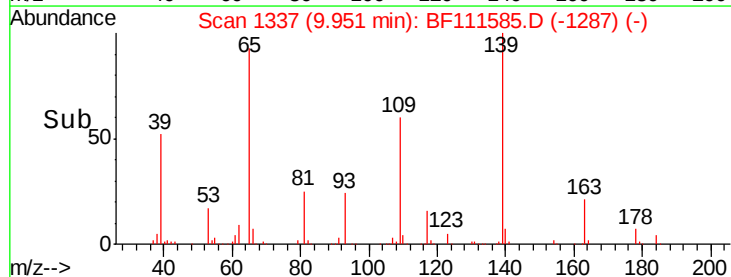
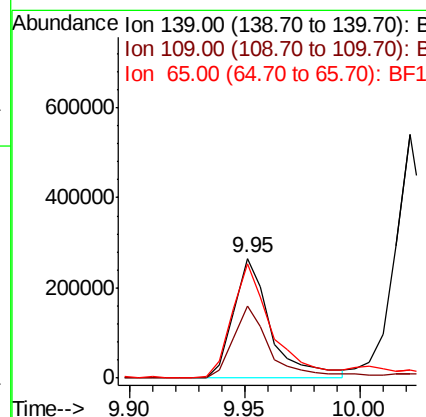
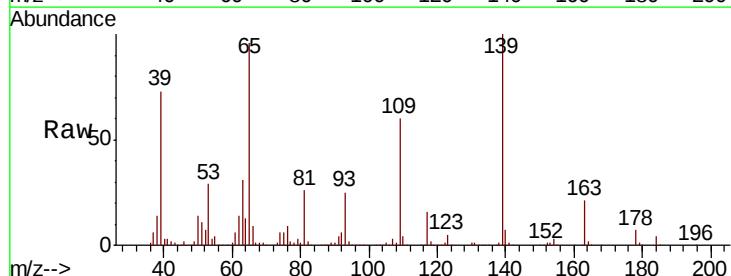
Instrument :
BNA_F
ClientSampleId :
PB115777BS

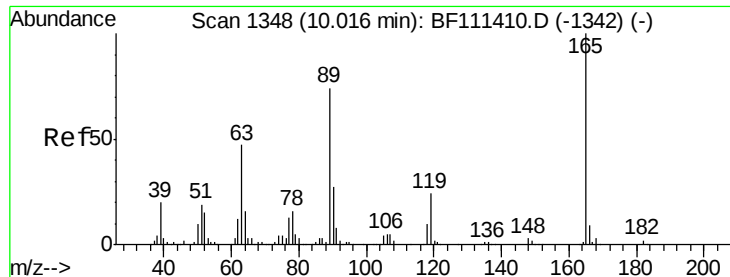
Tgt Ion:168 Resp: 1366068
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 13.8 11.8 17.6



#56
4-Nitrophenol
Concen: 52.483 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:139 Resp: 299754
Ion Ratio Lower Upper
139 100
109 59.9 41.8 81.8
65 95.8 79.6 119.6

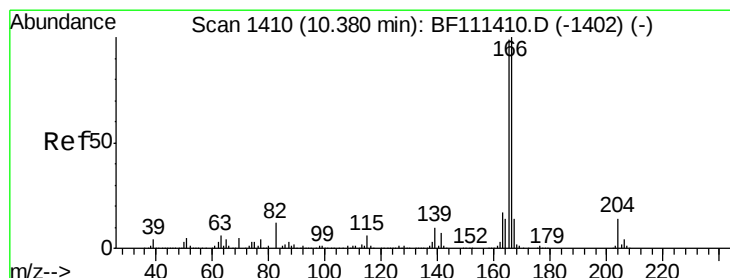
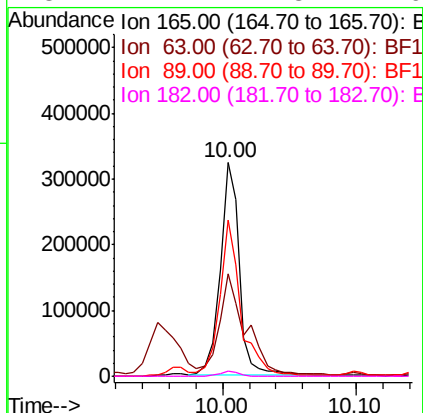
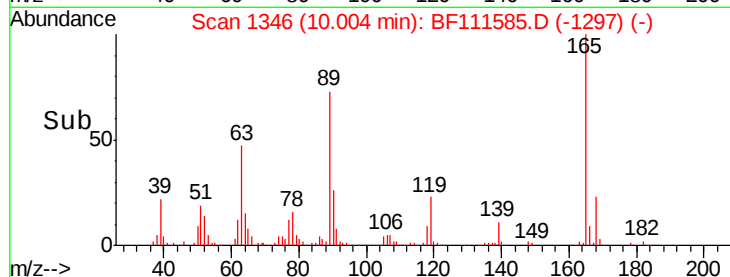
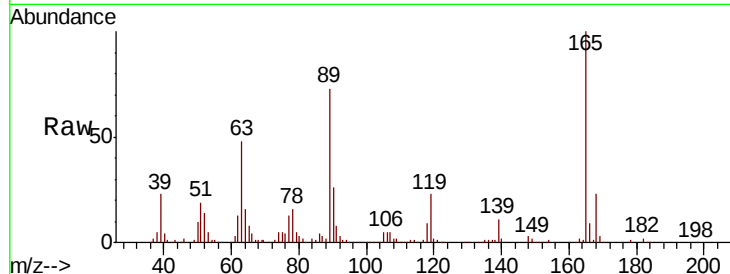




#57
2,4-Dinitrotoluene
Concen: 36.577 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

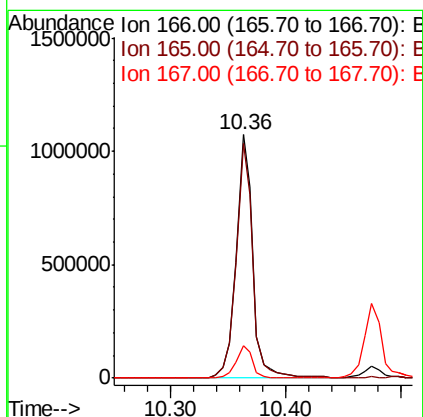
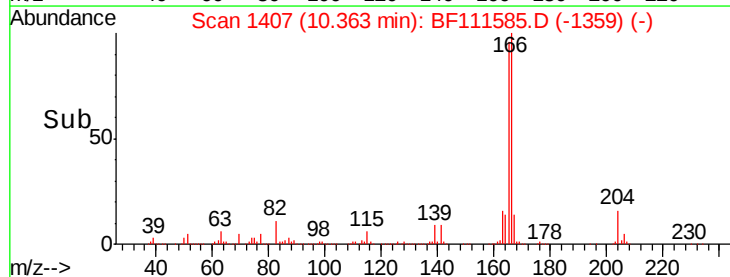
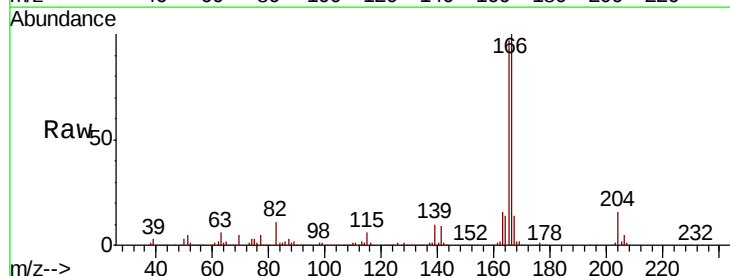
Instrument :
BNA_F
ClientSampleId :
PB115777BS

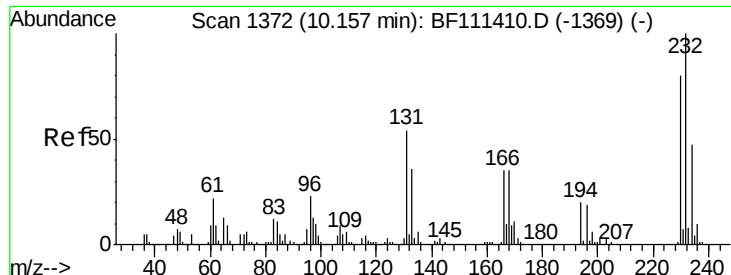
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	34.6	52.0
89	72.9	56.2	84.4
182	2.2	1.8	2.6



#58
Fluorene
Concen: 40.031 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	13.5	11.2	16.8

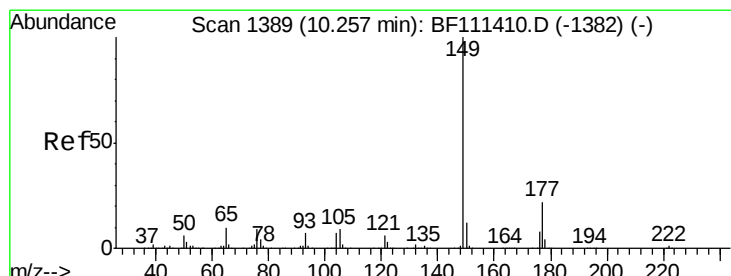
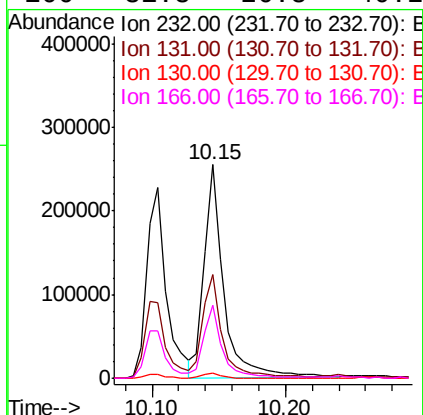
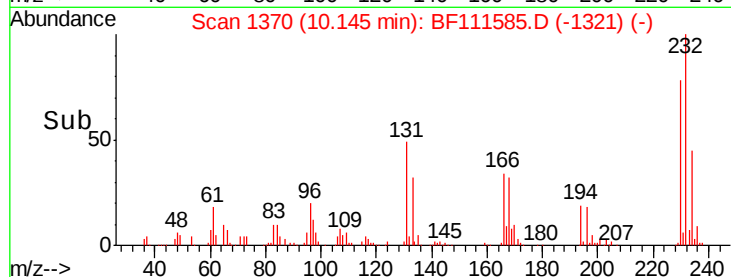
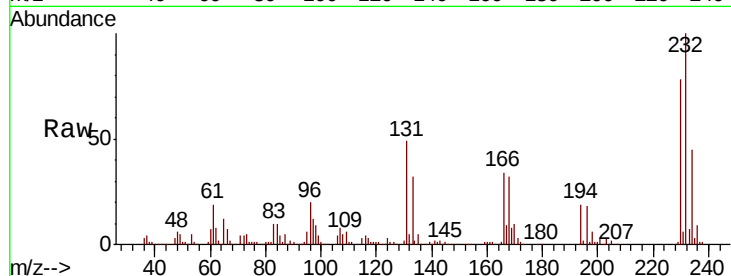




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.359 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

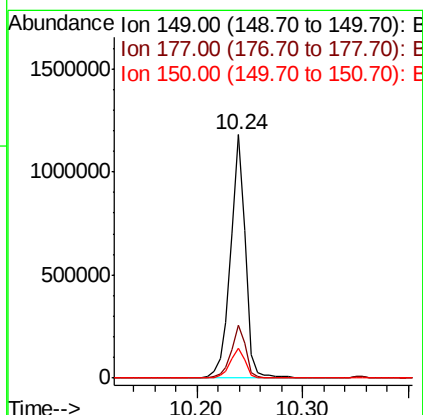
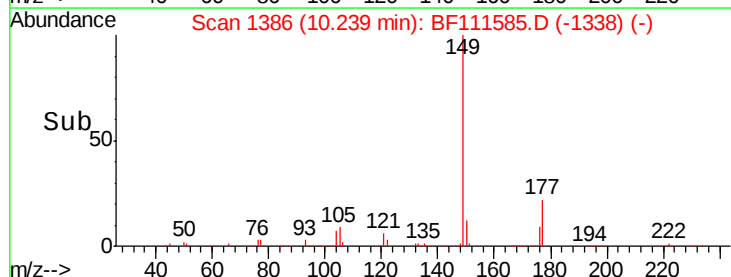
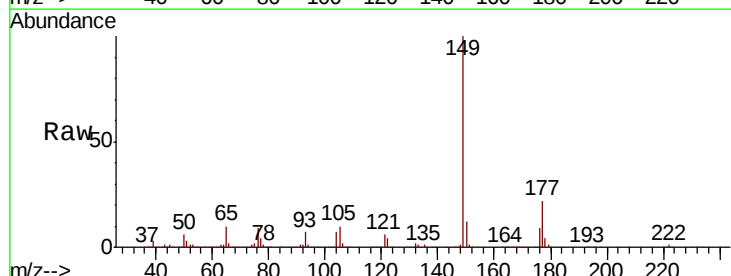
Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

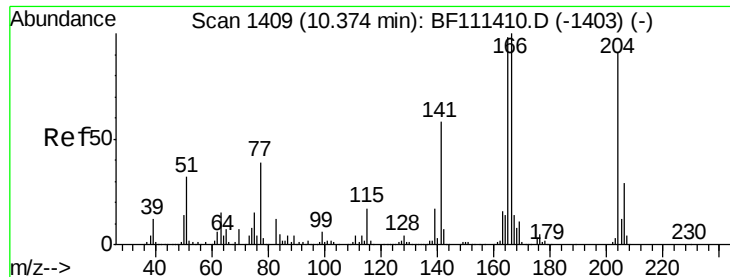
Tgt Ion:	232	Resp:	259463
Ion	Ratio	Lower	Upper
232	100		
131	47.6	40.9	61.3
130	2.5	2.0	3.0
166	31.8	26.8	40.2



#60
 Diethylphthalate
 Concen: 37.331 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:	149	Resp:	1141481
Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.3	27.5
150	12.4	10.6	15.8

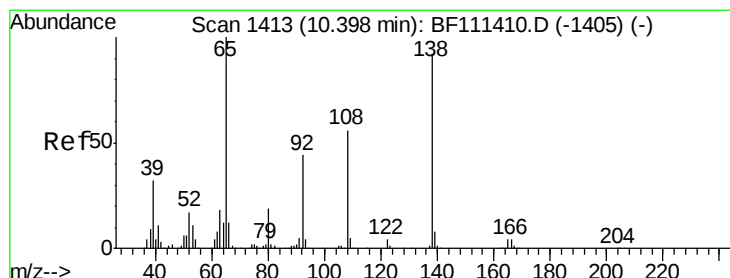
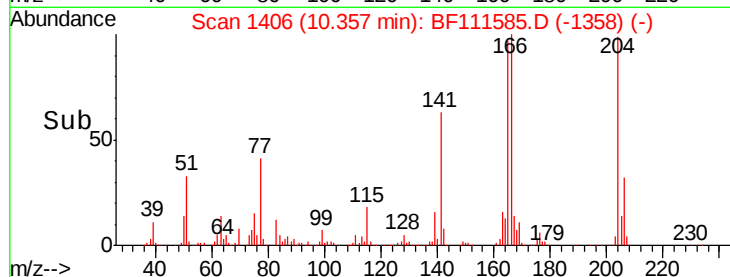
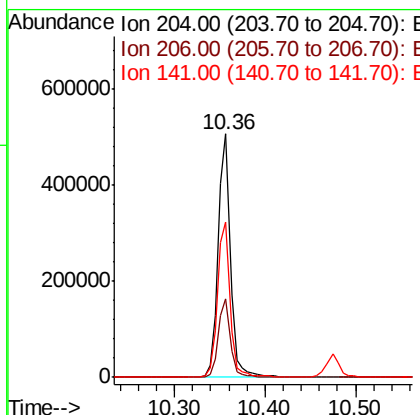
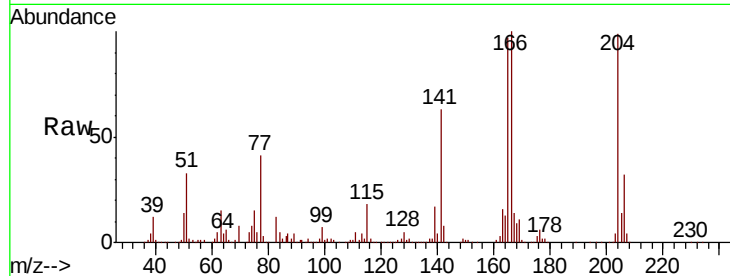




#61
 4-Chlorophenyl-phenylether
 Concen: 36.507 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

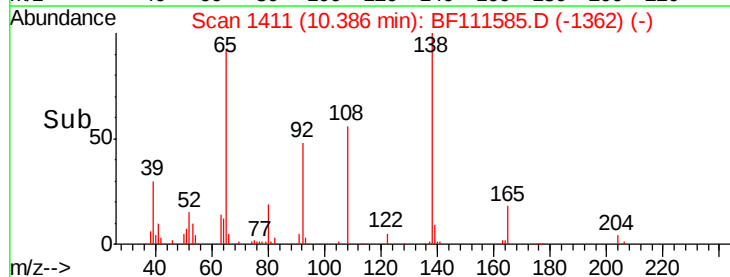
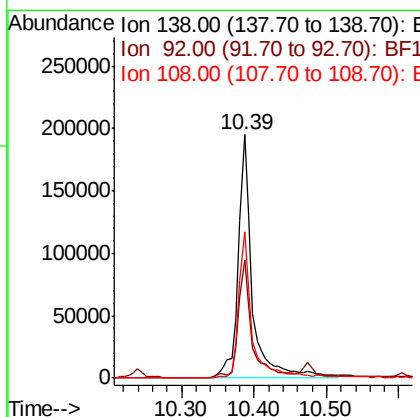
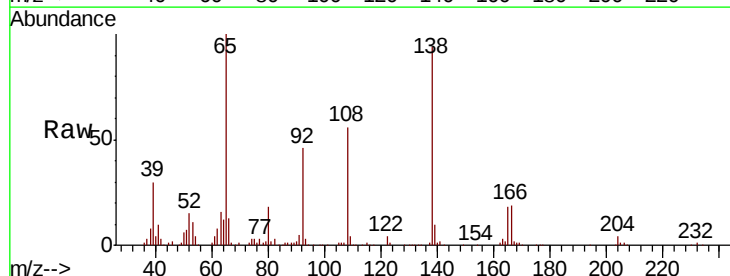
Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

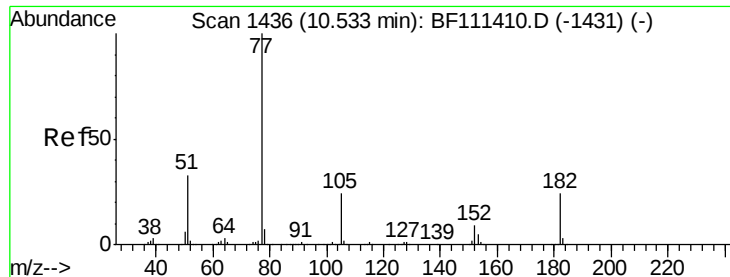
Tgt Ion: 204 Resp: 476276
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.6 39.8
 141 63.8 52.6 78.8



#62
 4-Nitroaniline
 Concen: 32.640 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion: 138 Resp: 266668
 Ion Ratio Lower Upper
 138 100
 92 48.6 29.9 69.9
 108 60.1 43.2 83.2





#63

Azobenzene

Concen: 36.925 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

Tgt Ion: 77 Resp: 1113084

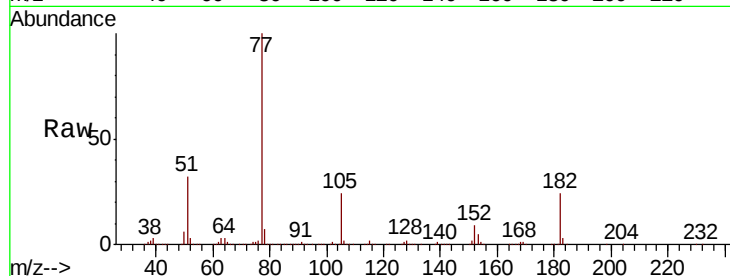
Ion Ratio Lower Upper

77 100

182 24.2 4.9 44.9

105 23.9 6.0 46.0

51 31.7 14.7 54.7

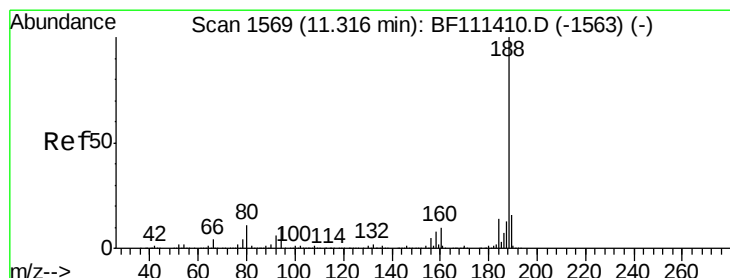
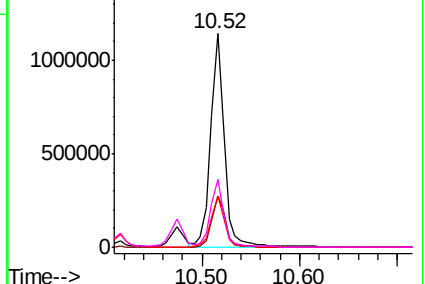
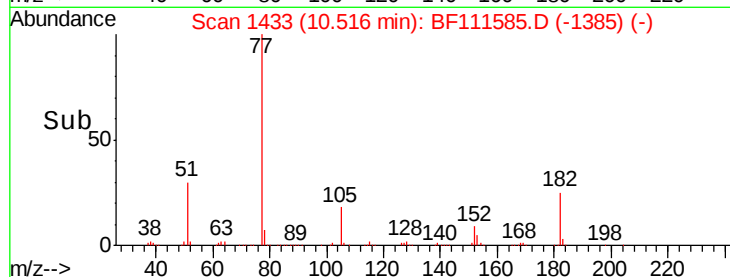


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

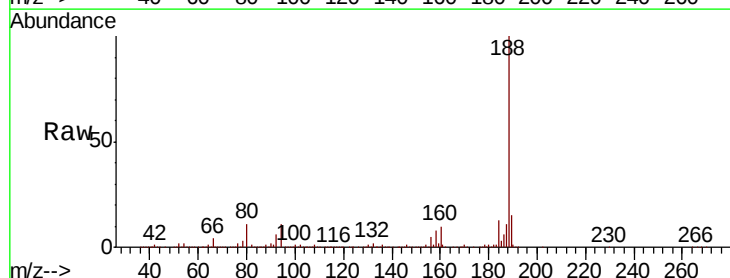
Tgt Ion: 188 Resp: 766556

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

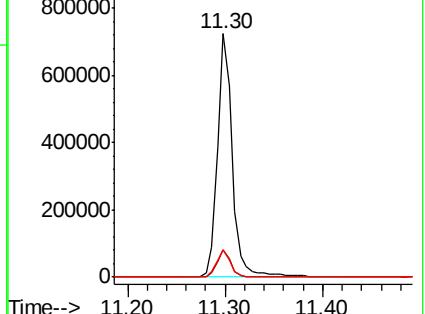
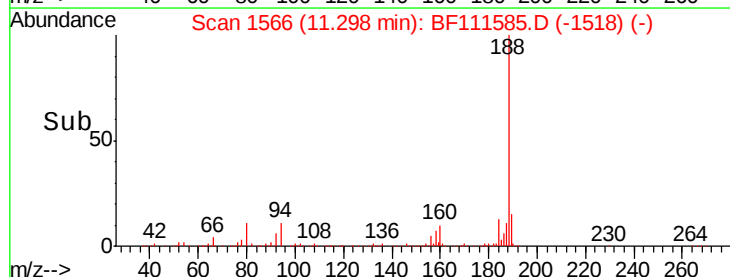
80 11.4 9.8 14.6

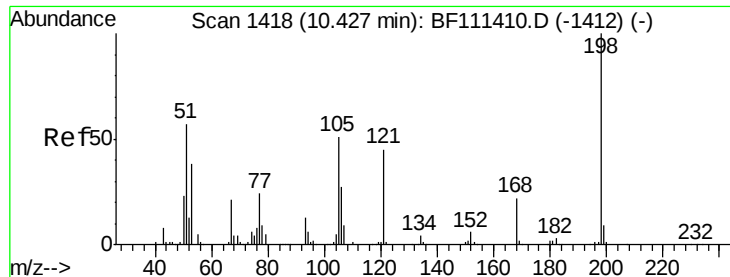


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

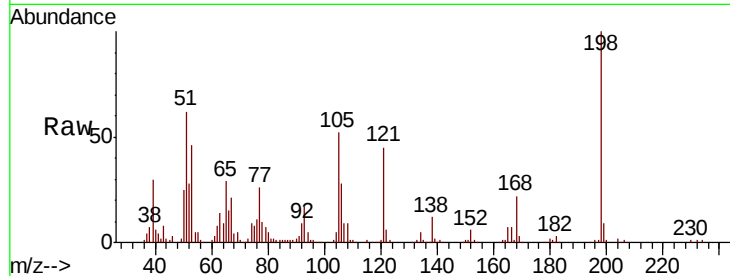




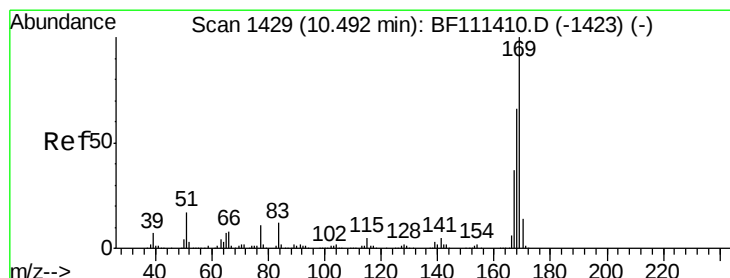
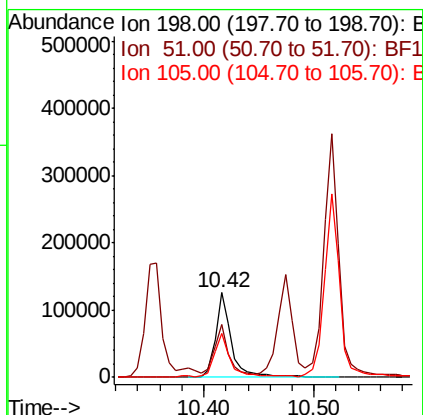
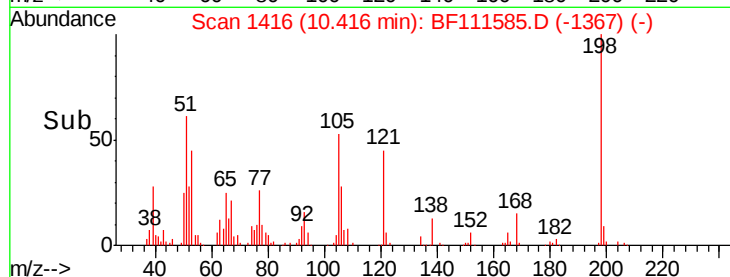
#65
4,6-Dinitro-2-methylphenol
Concen: 29.094 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:198 Resp: 125905
Ion Ratio Lower Upper
198 100
51 61.9 48.0 88.0
105 52.4 34.0 74.0

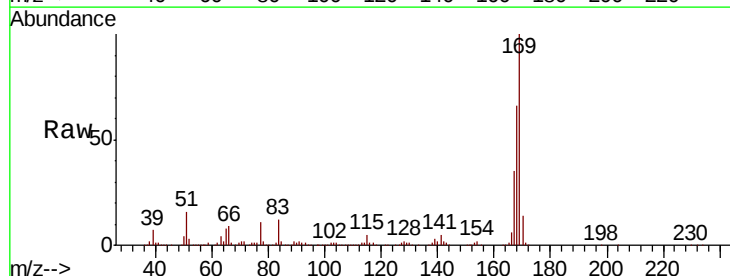


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

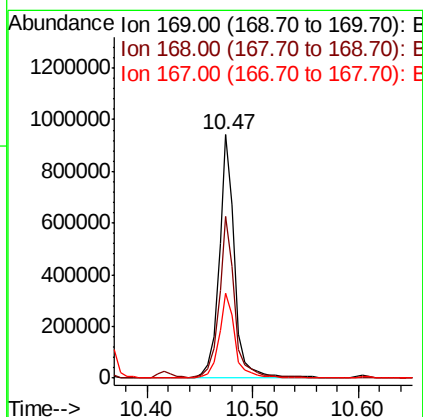
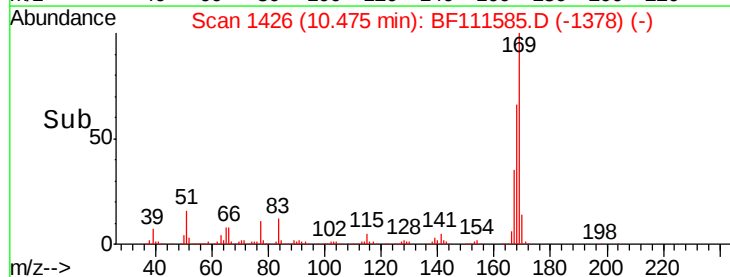


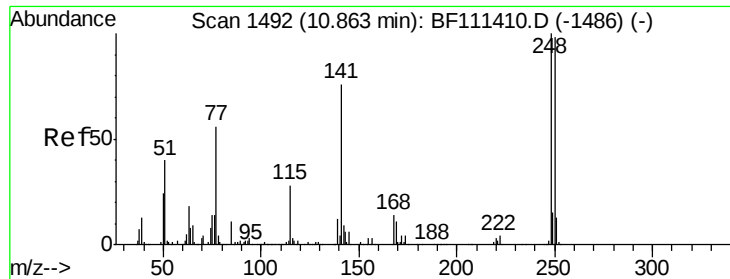
#66
n-Nitrosodiphenylamine
Concen: 36.510 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:169 Resp: 965130
Ion Ratio Lower Upper
169 100
168 66.3 54.4 81.6
167 35.1 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

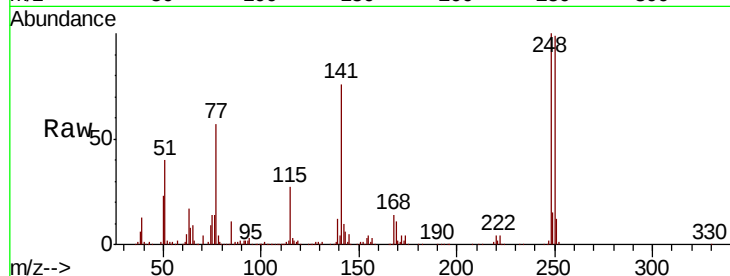




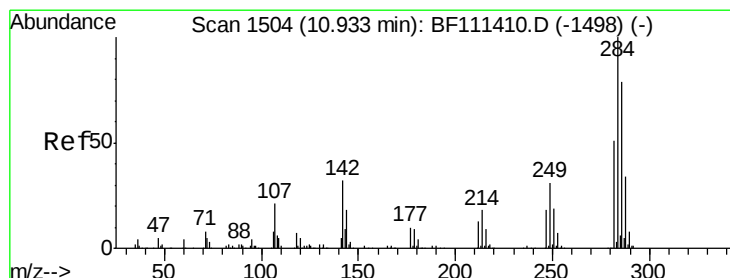
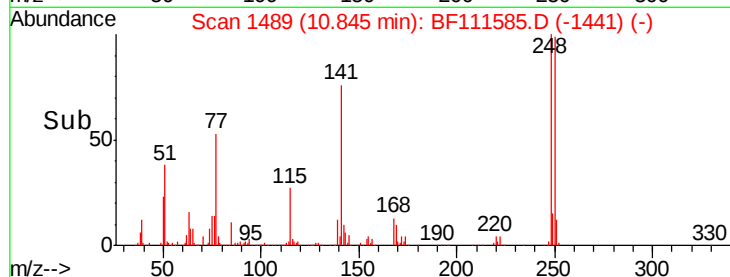
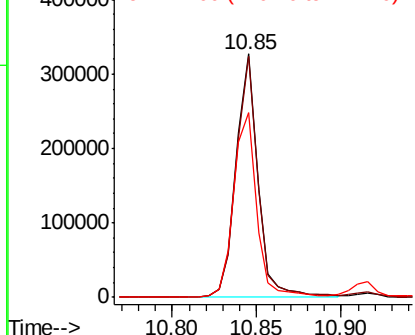
#67
 4-Bromophenyl-phenylether
 Concen: 35.966 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tgt Ion: 248 Resp: 297149
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.0 115.4
 141 76.1 63.0 94.6

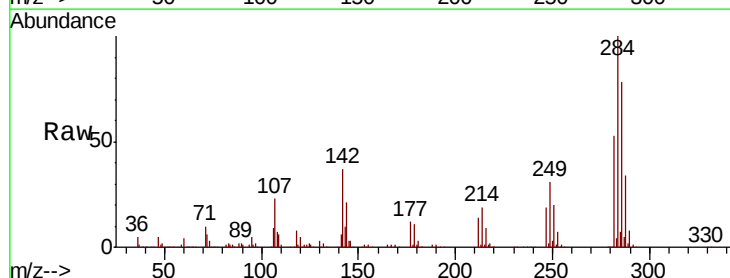


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

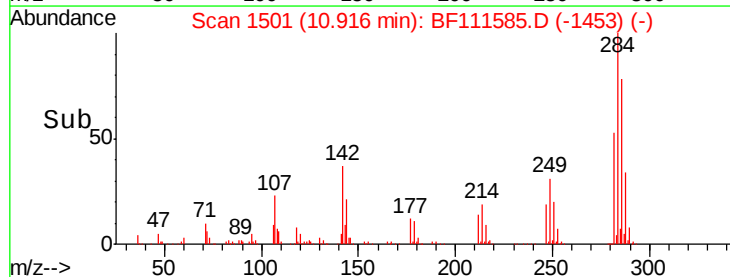
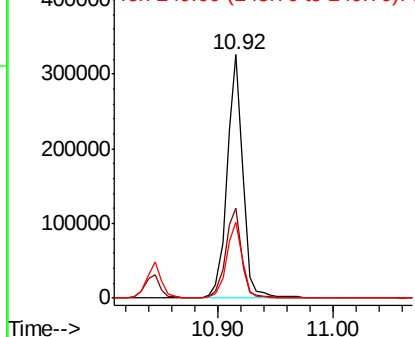


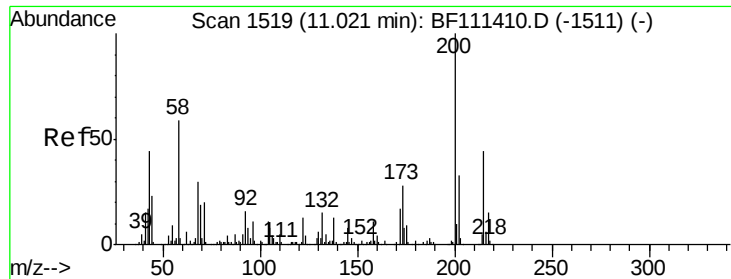
#68
 Hexachlorobenzene
 Concen: 36.098 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion: 284 Resp: 306787
 Ion Ratio Lower Upper
 284 100
 142 37.0 27.4 41.2
 249 31.3 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

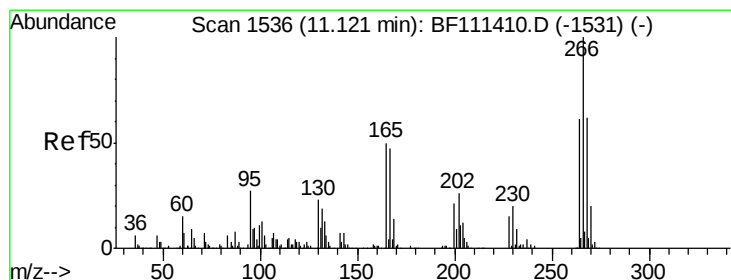
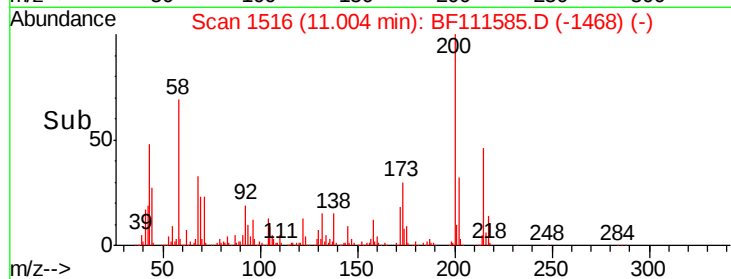
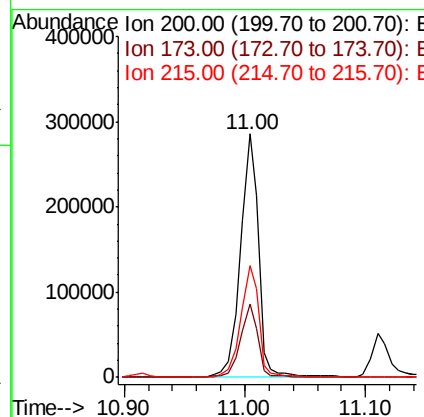
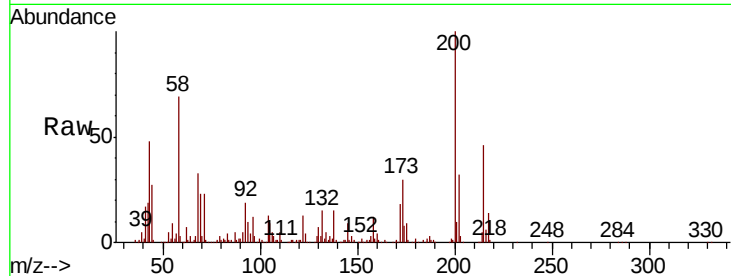




#69
Atrazine
Concen: 39.397 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

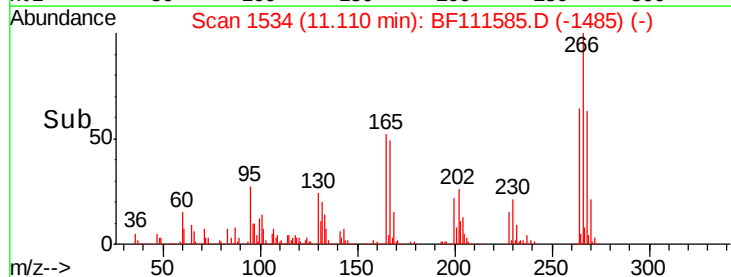
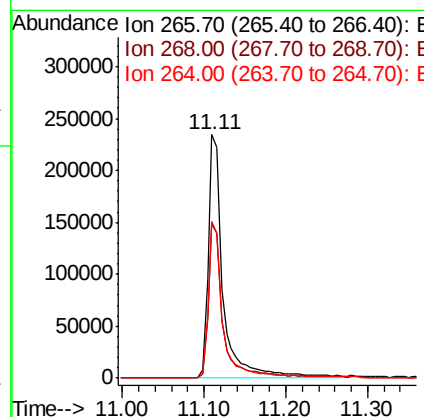
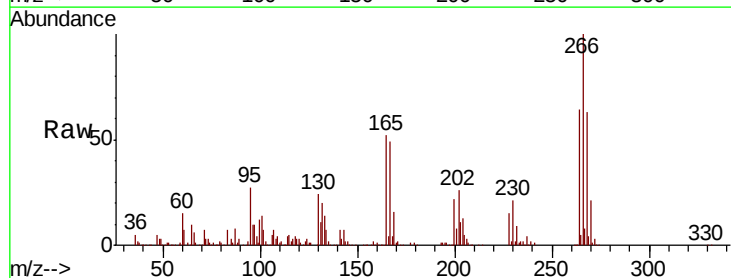
Instrument :
BNA_F
ClientSampleId :
PB115777BS

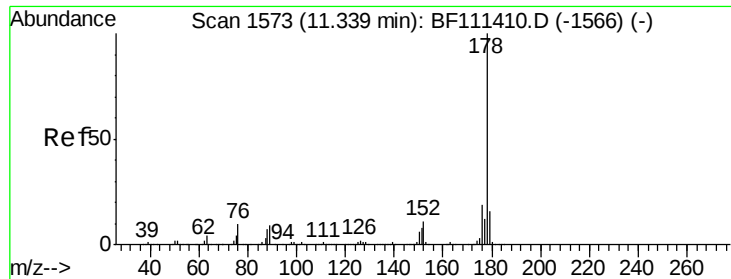
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	10.1	50.1
215	45.8	26.9	66.9



#70
Pentachlorophenol
Concen: 57.650 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	47.9	71.9
264	64.2	49.1	73.7

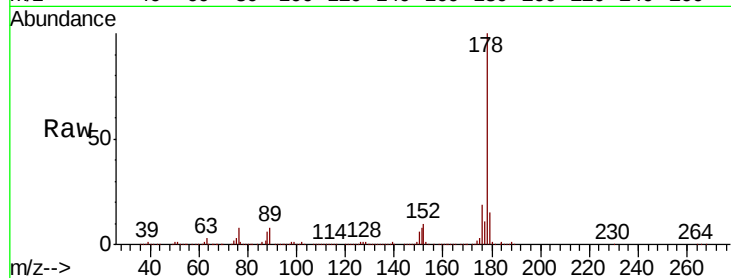




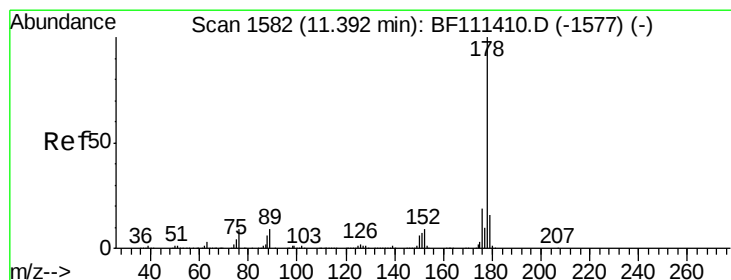
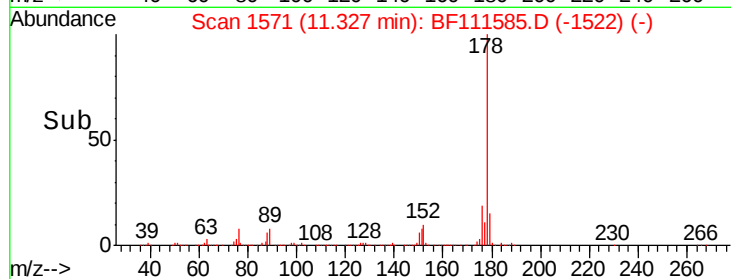
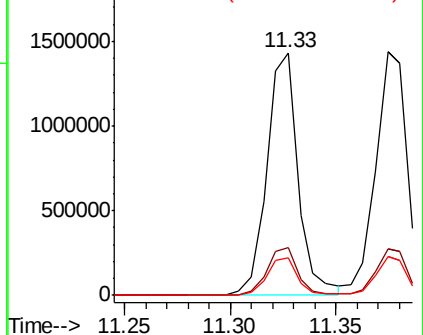
#71
Phenanthrene
Concen: 37.504 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:178 Resp: 1481389
Ion Ratio Lower Upper
178 100
176 19.5 18.1 27.1
179 15.3 14.0 21.0

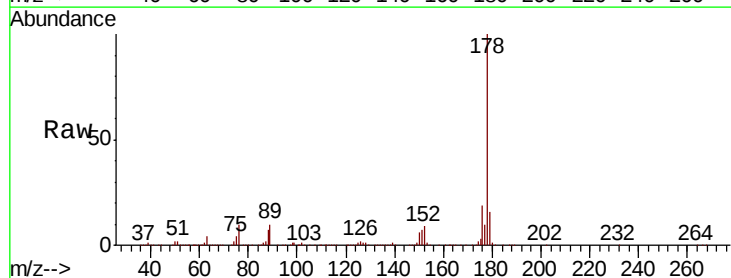


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

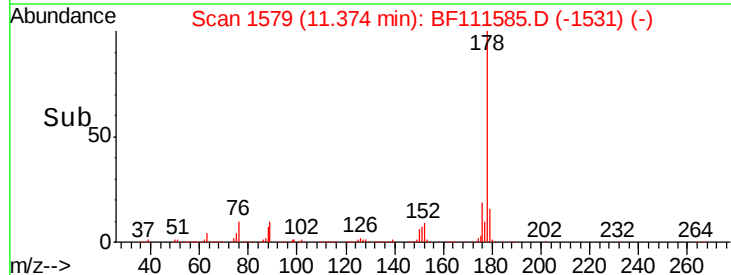
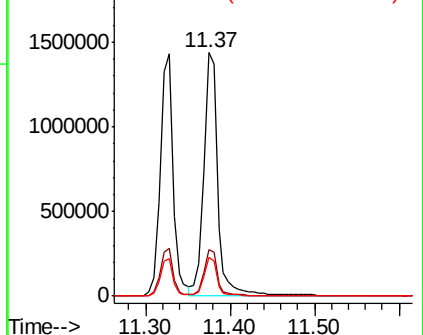


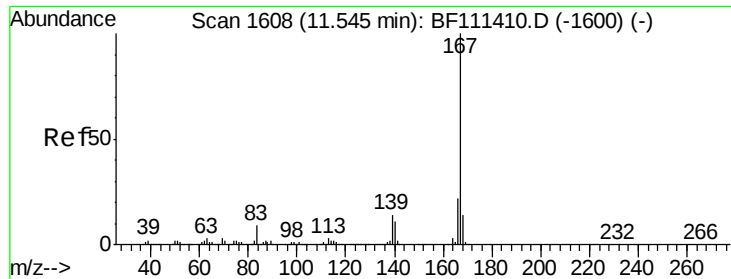
#72
Anthracene
Concen: 40.921 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:178 Resp: 1652993
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.8 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

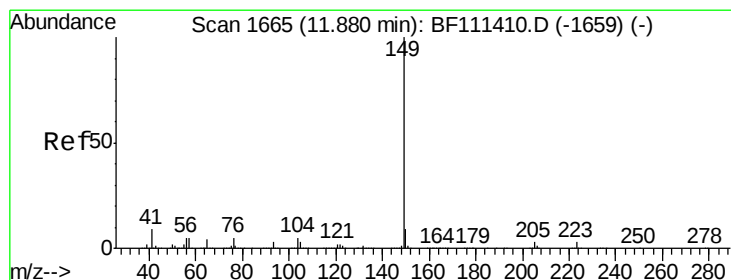
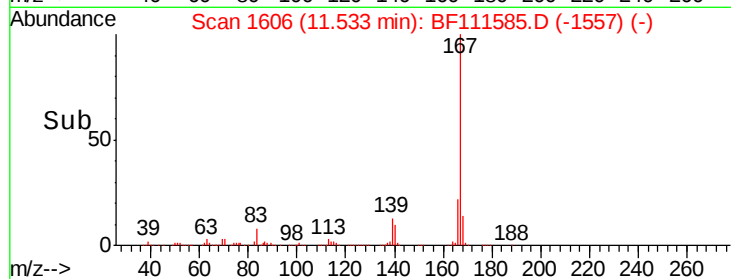
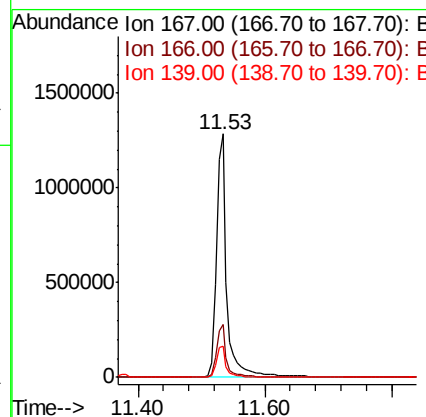
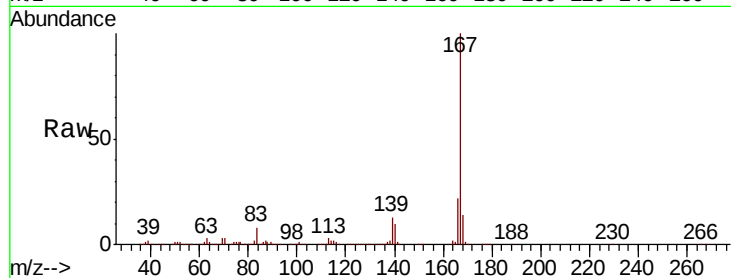




#73
 Carbazole
 Concen: 36.162 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

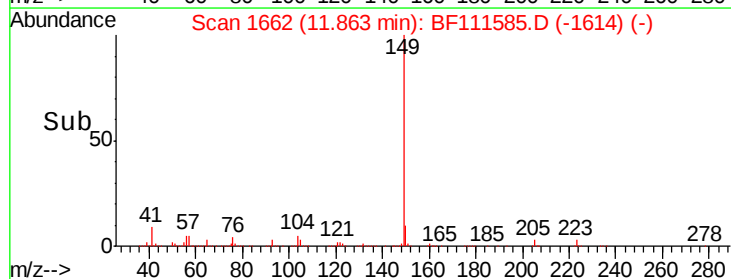
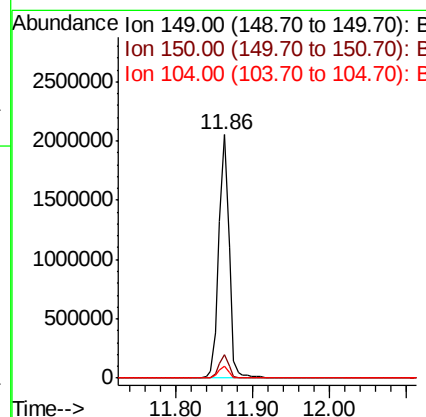
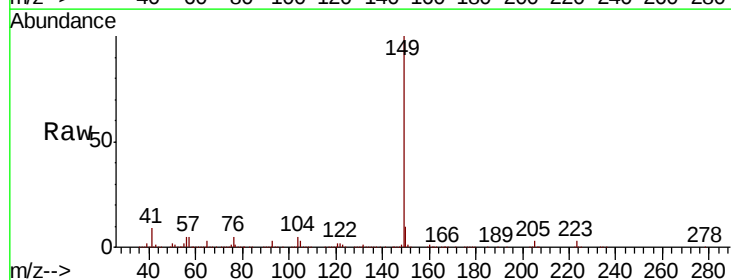
Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

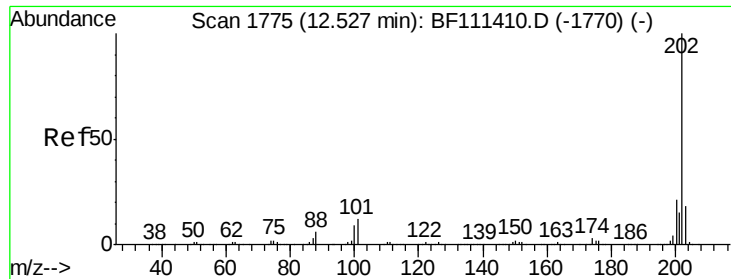
Tgt Ion:167 Resp: 1510566
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 39.950 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:149 Resp: 1858539
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 4.9 4.5 6.7

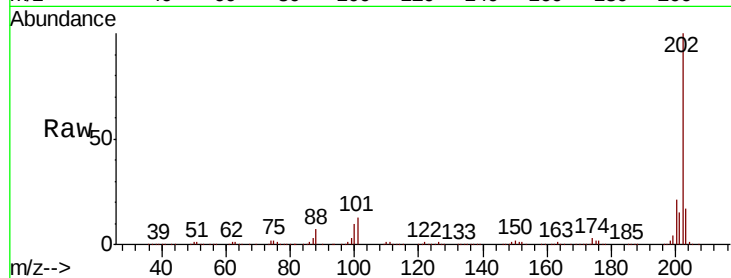




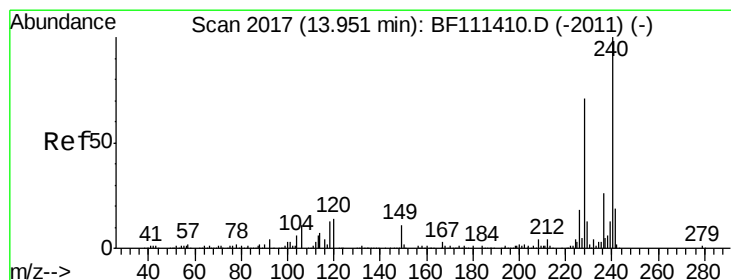
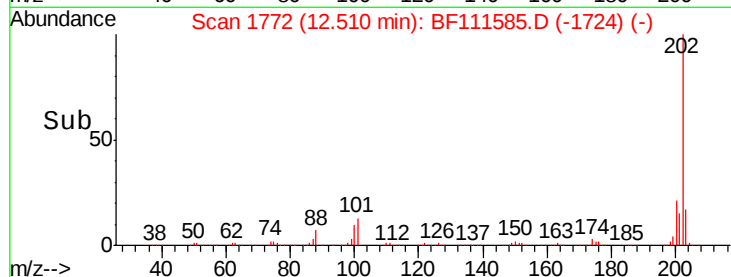
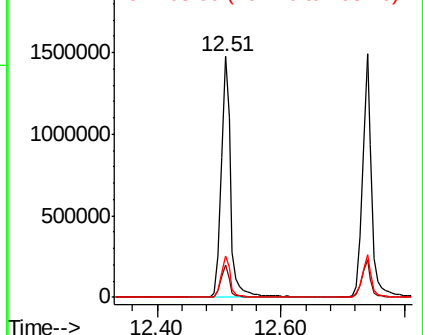
#75
 Fluoranthene
 Concen: 40.518 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tgt Ion: 202 Resp: 1565677
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 33.8
 203 17.2 0.0 38.6

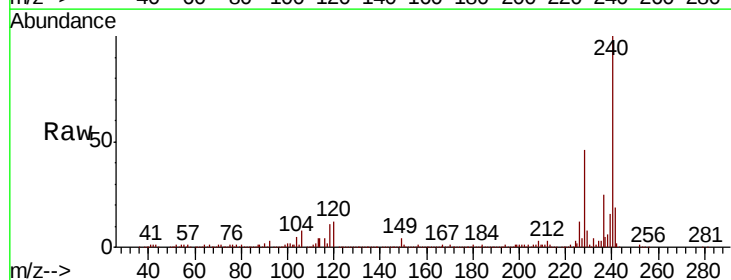


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

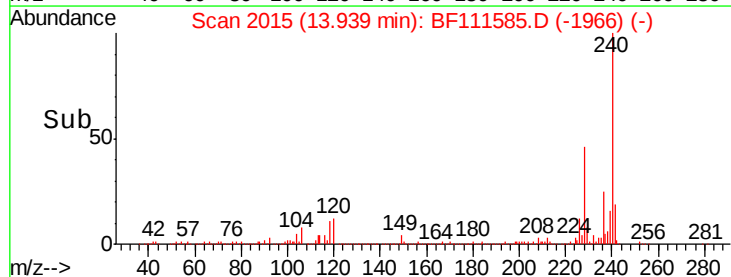
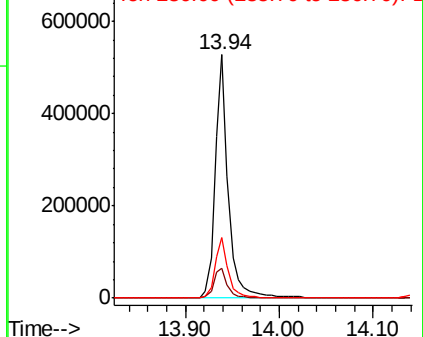


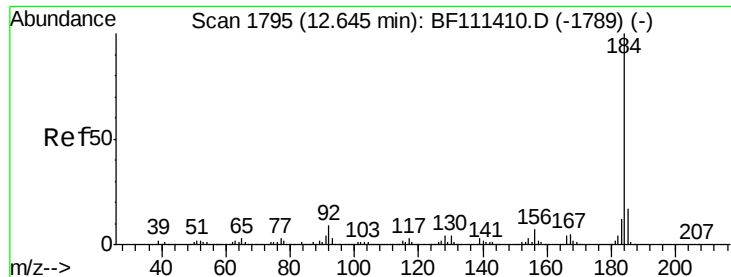
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion: 240 Resp: 517558
 Ion Ratio Lower Upper
 240 100
 120 12.3 12.2 18.2
 236 24.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.159 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

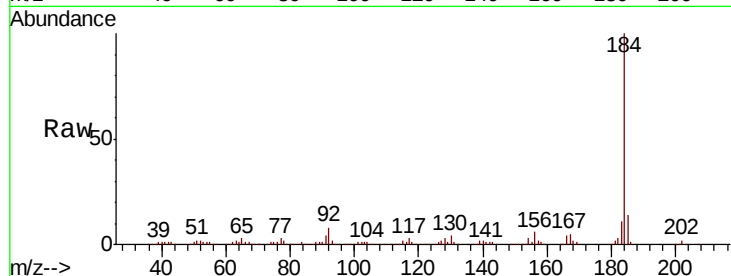
Tgt Ion:184 Resp: 364504

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

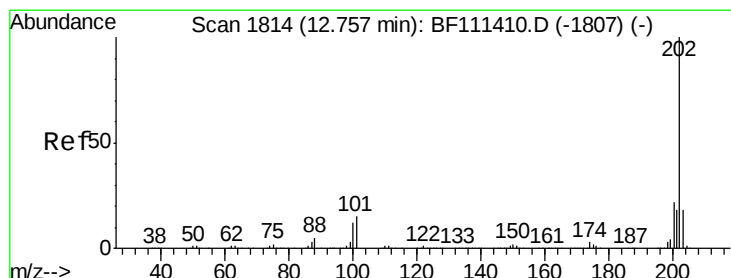
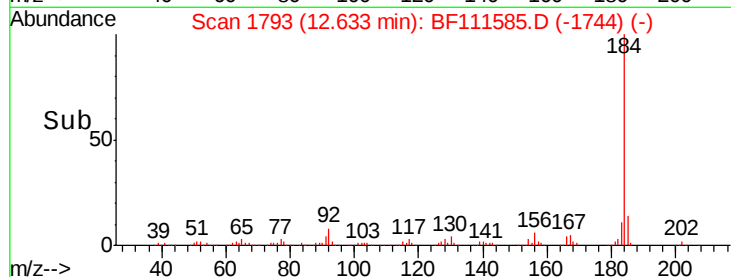
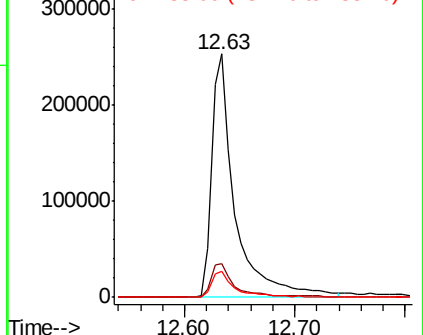
183 10.9 9.3 13.9



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: 42.637 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

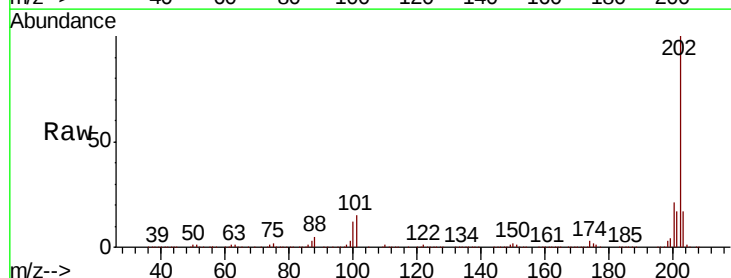
Tgt Ion:202 Resp: 1555794

Ion Ratio Lower Upper

202 100

200 21.1 19.0 28.4

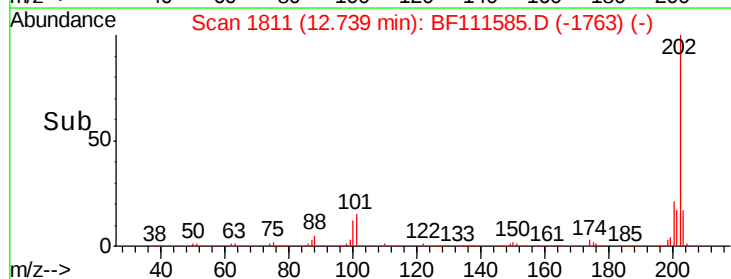
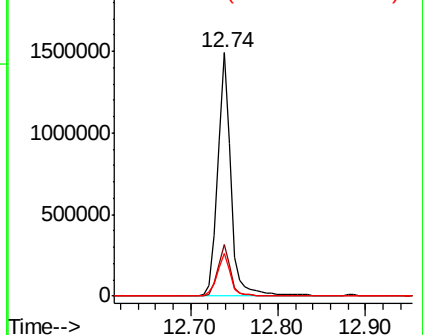
203 17.3 15.2 22.8

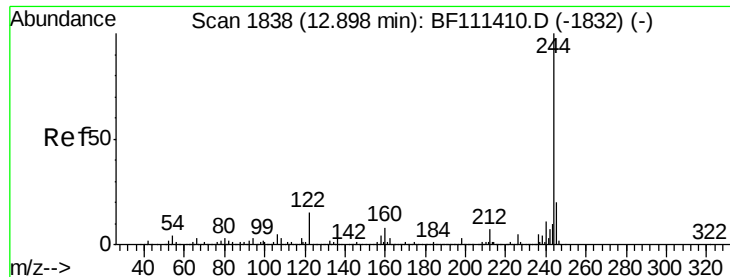


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.968 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

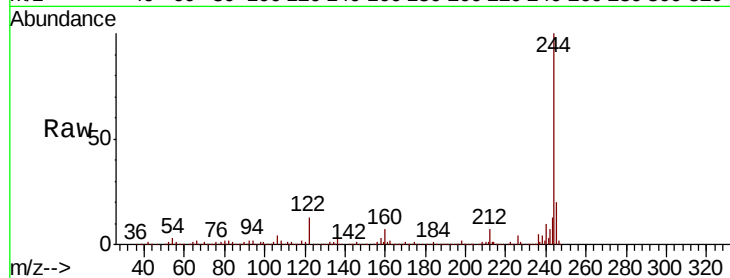
Tgt Ion:244 Resp: 1850669

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

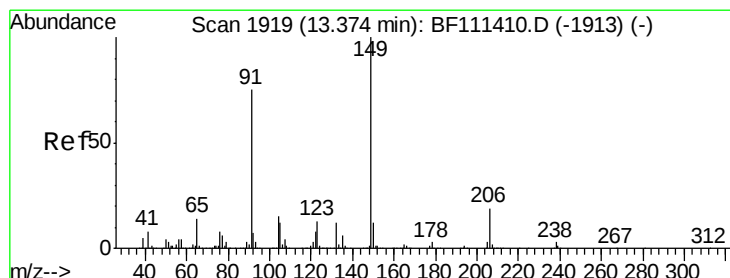
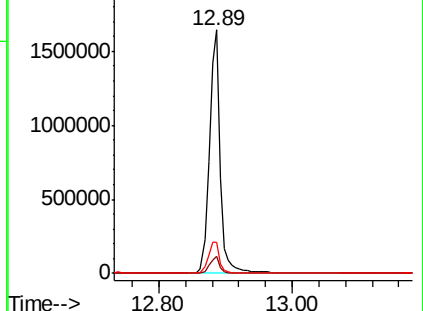
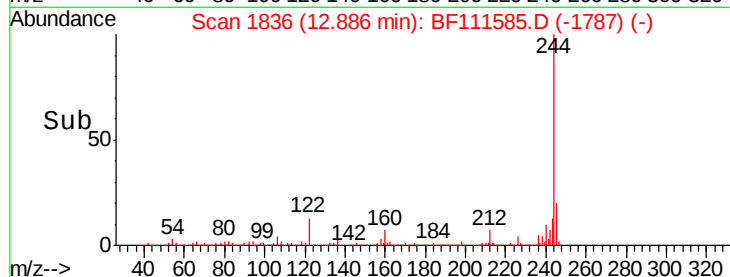
122 12.6 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.949 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

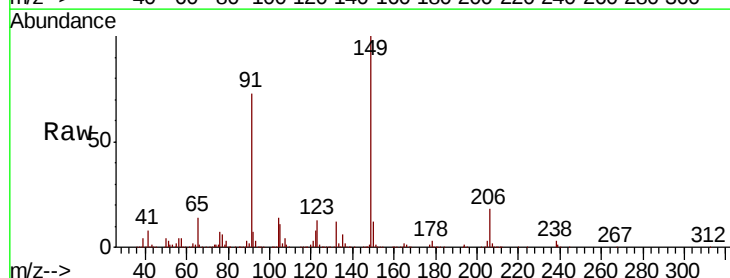
Tgt Ion:149 Resp: 763896

Ion Ratio Lower Upper

149 100

91 73.3 63.8 95.6

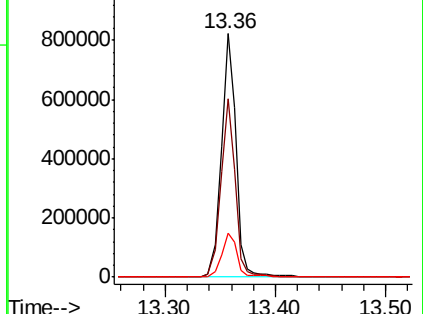
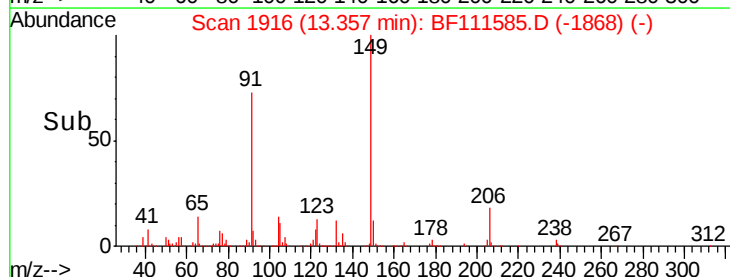
206 18.2 15.1 22.7

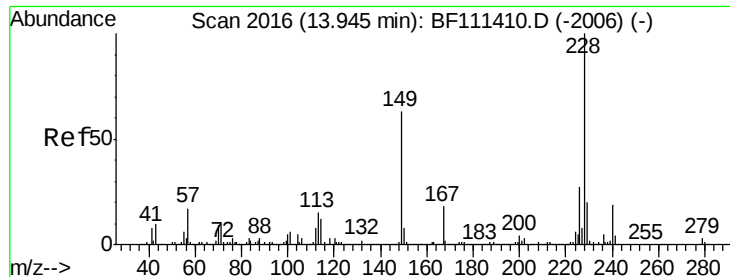


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.062 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

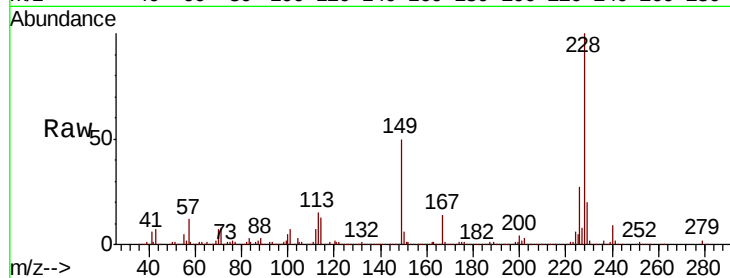
Tgt Ion:228 Resp: 1042985

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

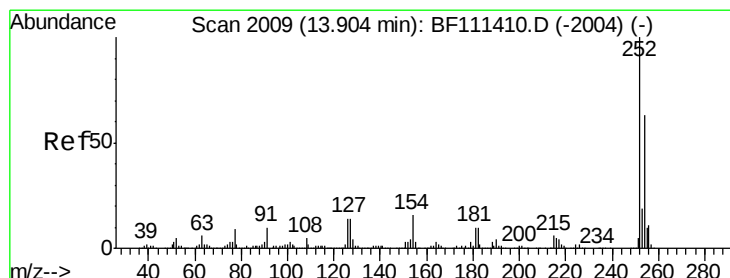
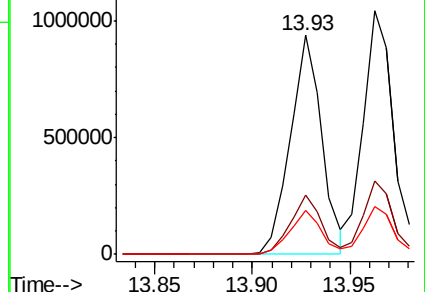
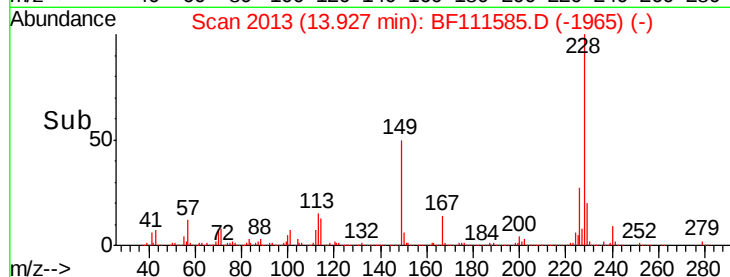
229 19.9 16.3 24.5



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: 17.468 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

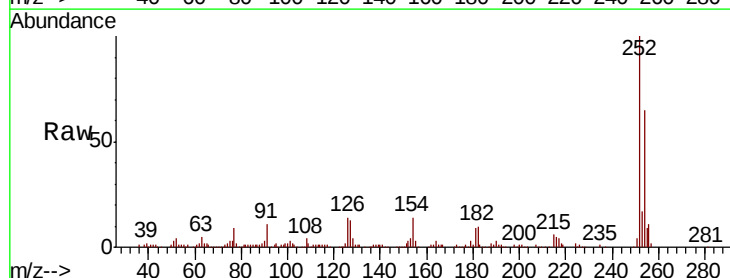
Tgt Ion:252 Resp: 199837

Ion Ratio Lower Upper

252 100

254 65.1 52.7 79.1

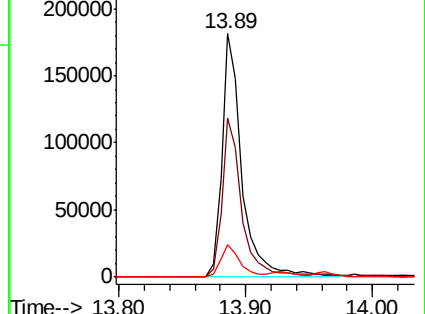
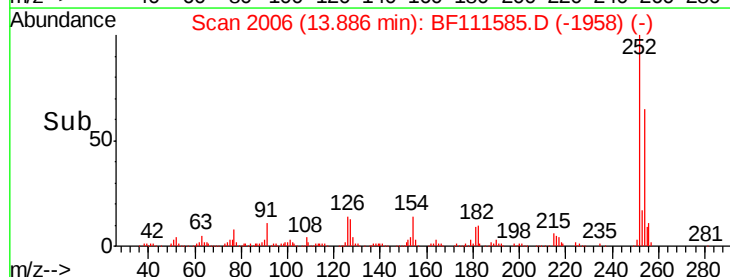
126 13.6 11.1 16.7

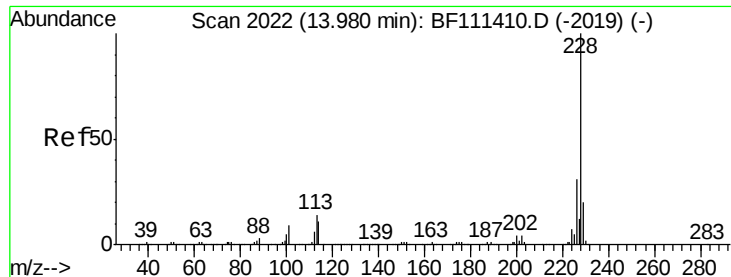


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.537 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

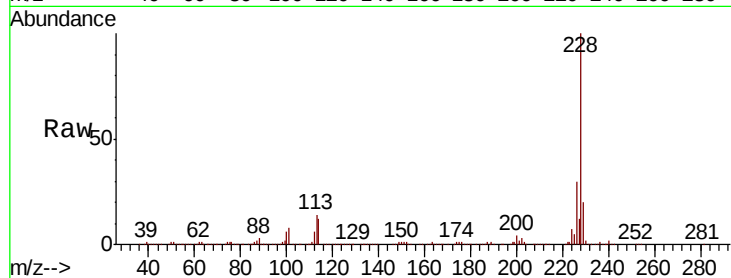
Tgt Ion:228 Resp: 1201745

Ion Ratio Lower Upper

228 100

226 30.0 25.3 37.9

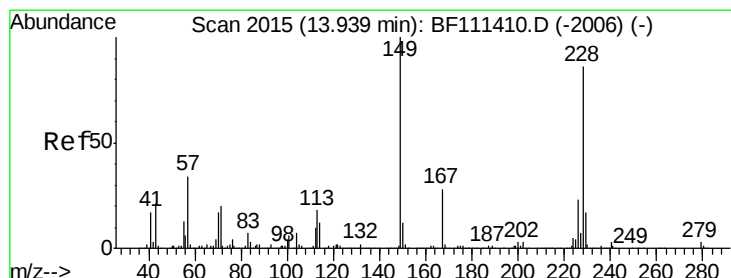
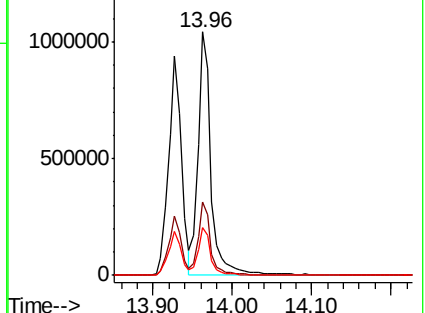
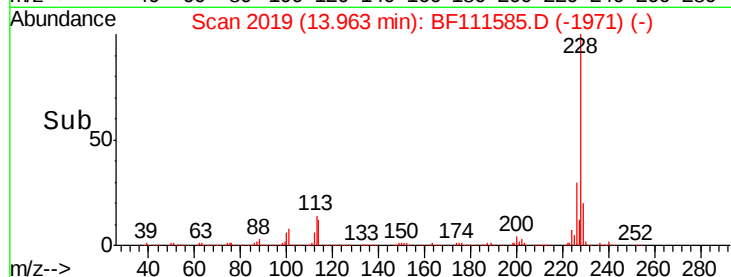
229 19.9 17.2 25.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.323 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

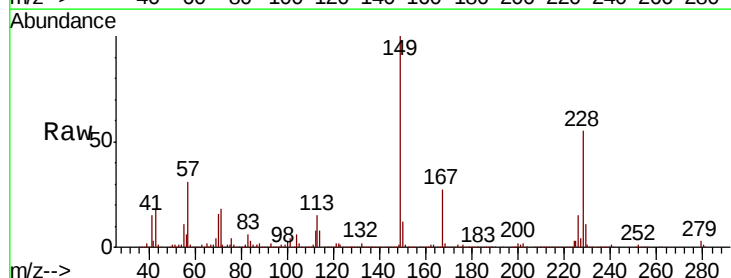
Tgt Ion:149 Resp: 1006900

Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

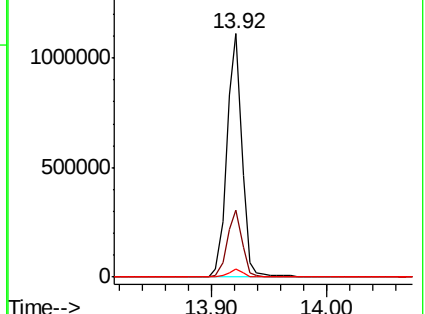
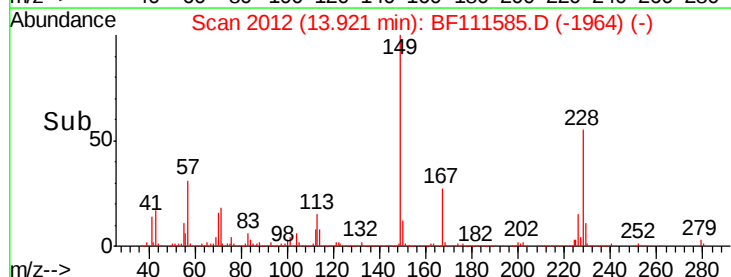
279 3.3 2.6 4.0

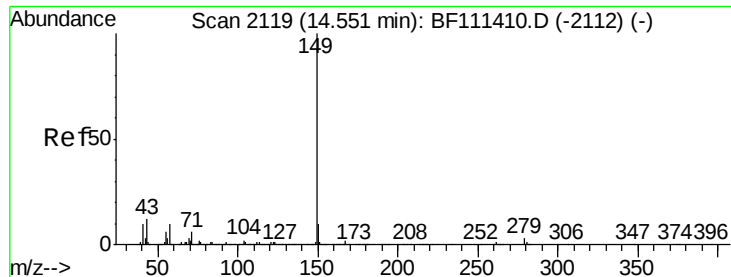


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

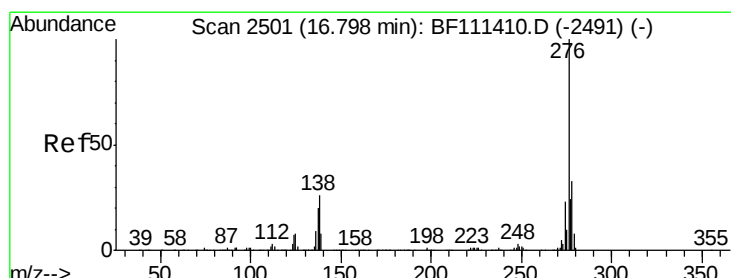
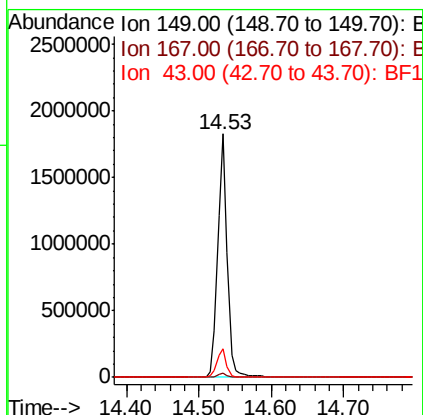
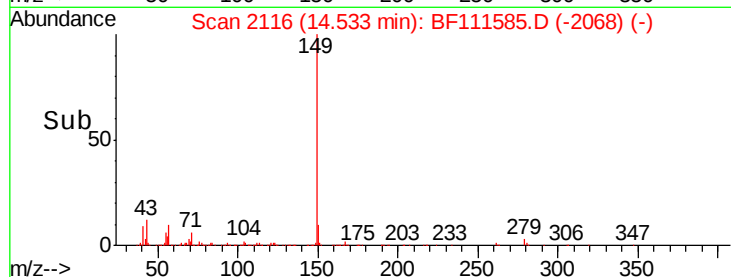
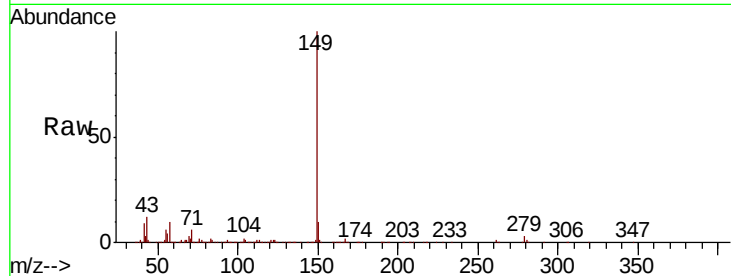




#85
Di-n-octyl phthalate
Concen: 43.220 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

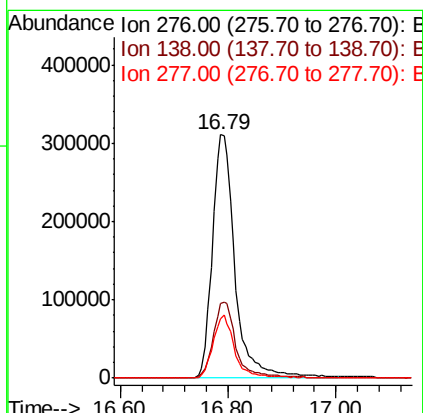
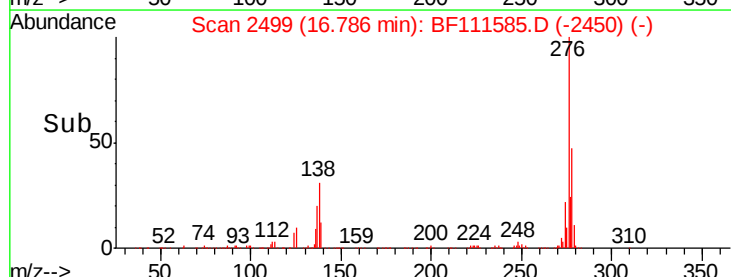
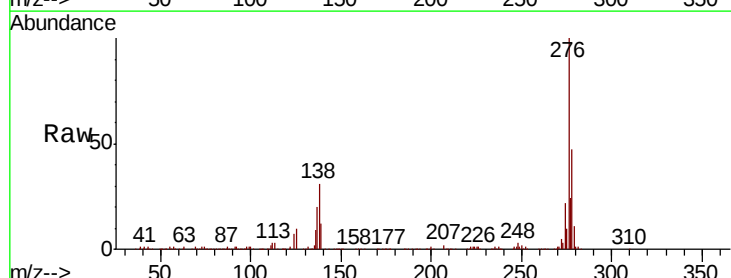
Instrument :
BNA_F
ClientSampleId :
PB115777BS

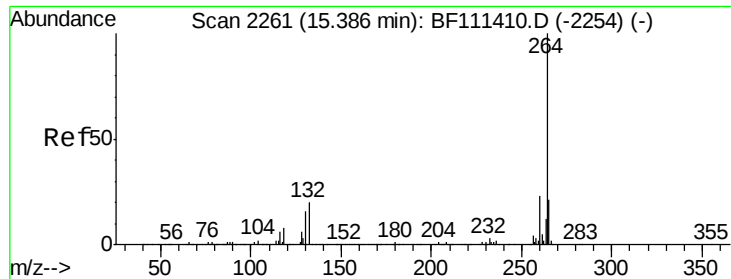
Tgt Ion:149 Resp: 1656140
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.650 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:276 Resp: 912549
Ion Ratio Lower Upper
276 100
138 31.6 27.8 41.6
277 24.5 20.1 30.1

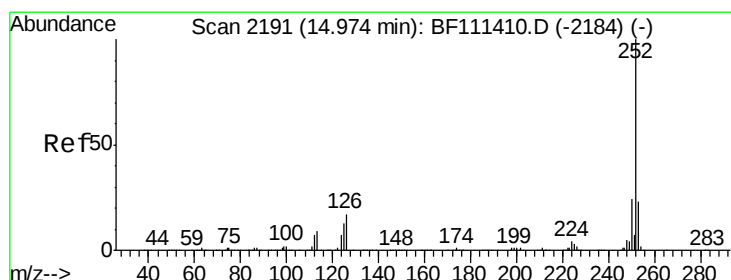
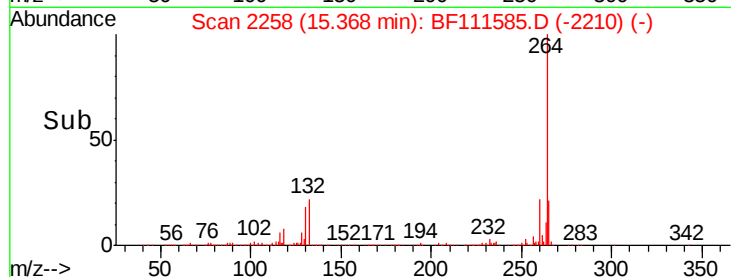
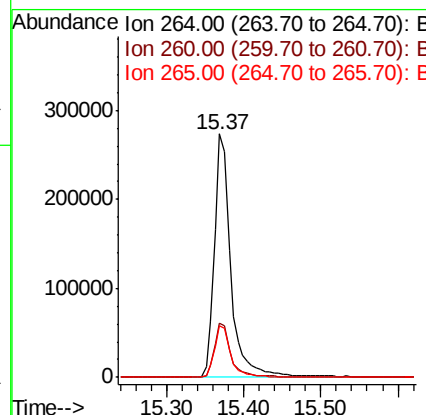
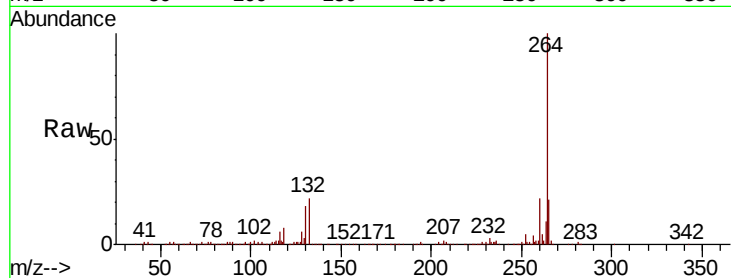




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

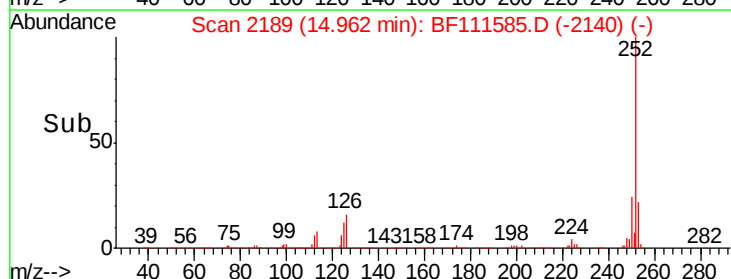
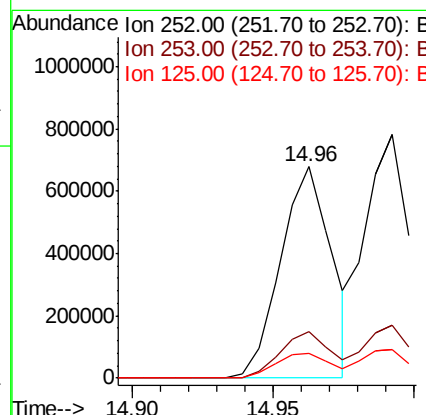
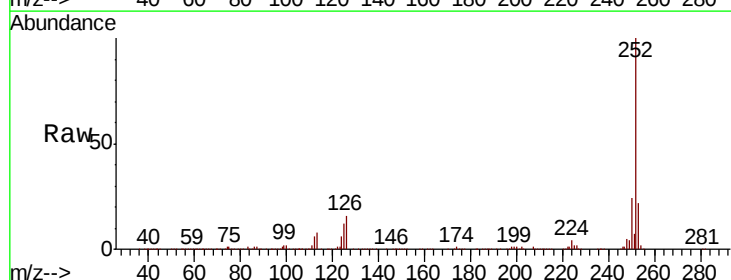
Instrument :
BNA_F
ClientSampleId :
PB115777BS

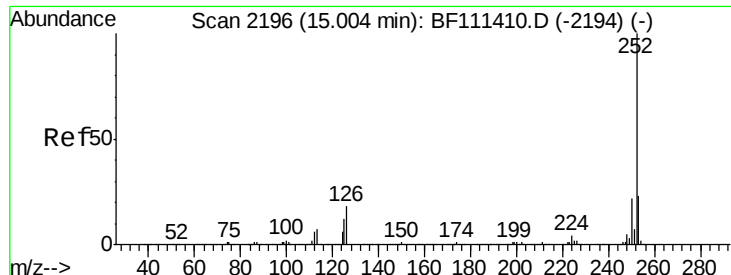
Tgt Ion:264 Resp: 403663
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 36.108 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:252 Resp: 849767
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.9 10.4 15.6

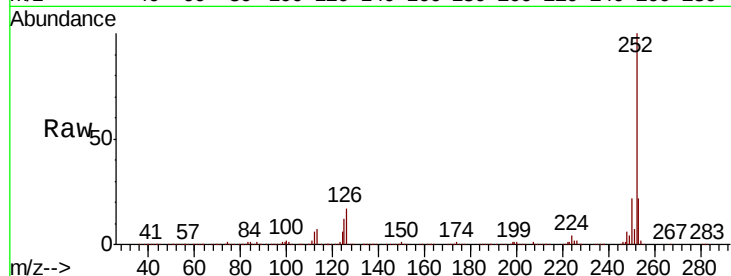




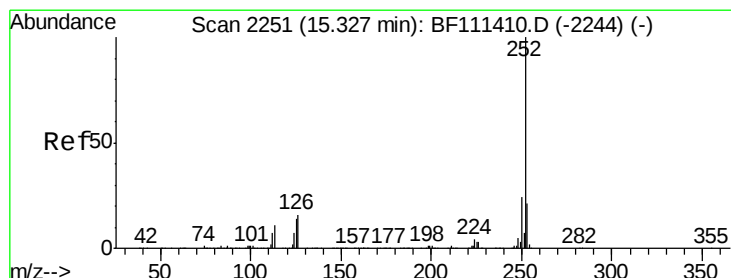
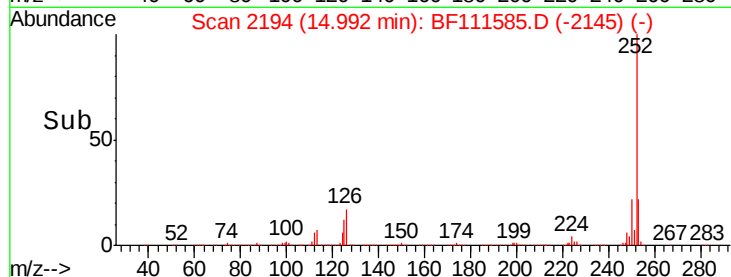
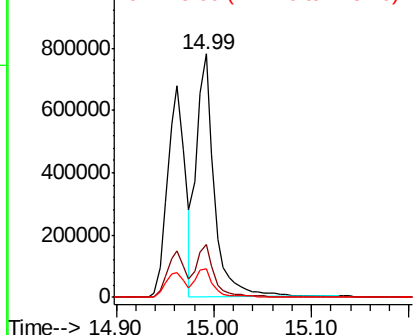
#89
Benzo(k)fluoranthene
Concen: 43.852 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tgt Ion:252 Resp: 986102
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.5 9.8 14.8

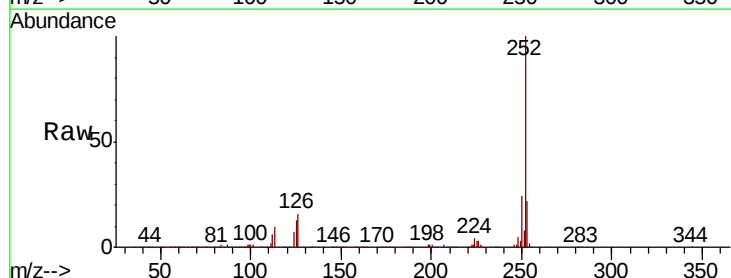


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

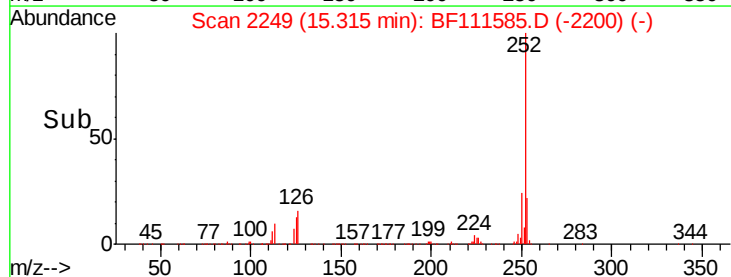
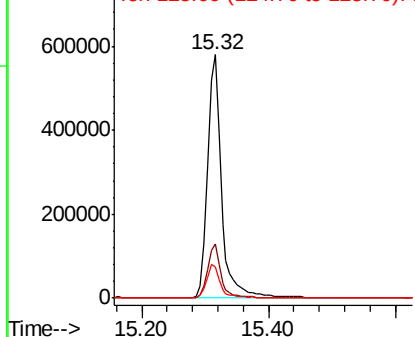


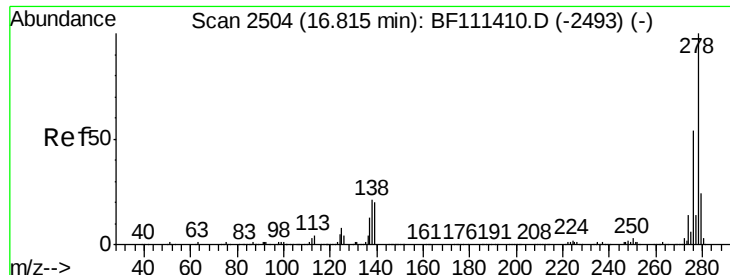
#90
Benzo(a)pyrene
Concen: 41.439 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:252 Resp: 879428
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.8 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.627 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

PB115777BS

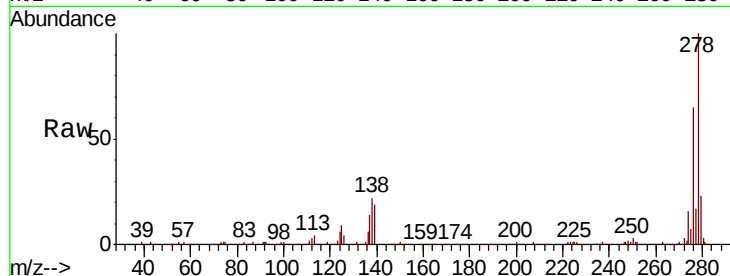
Tgt Ion: 278 Resp: 763828

Ion Ratio Lower Upper

278 100

139 19.3 18.2 27.4

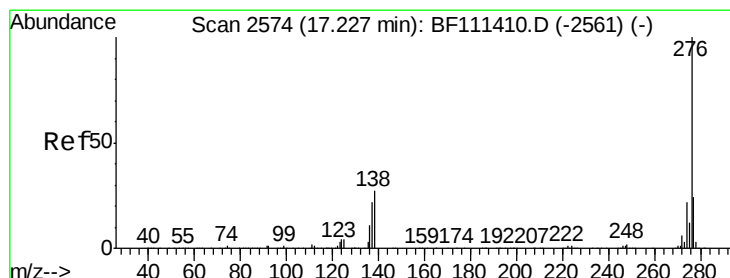
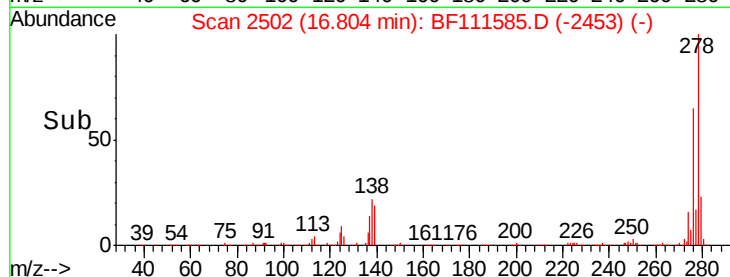
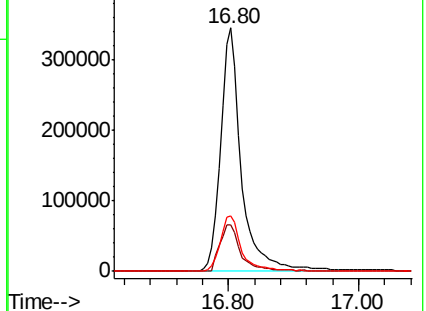
279 22.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.348 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

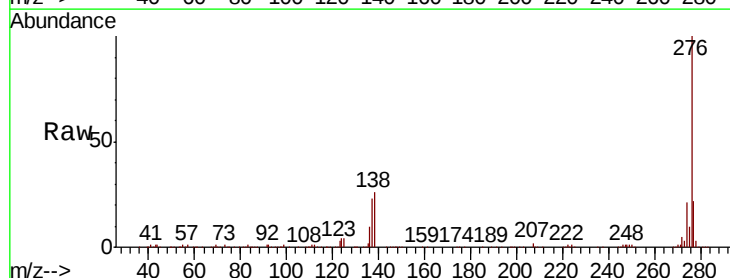
Tgt Ion: 276 Resp: 761604

Ion Ratio Lower Upper

276 100

277 22.3 19.2 28.8

138 26.1 24.9 37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

