

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 :

Quant Time: Dec 19 01:12:55 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						
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				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	180359m	32.131	ng	
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	150822m	58.582	ng	
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

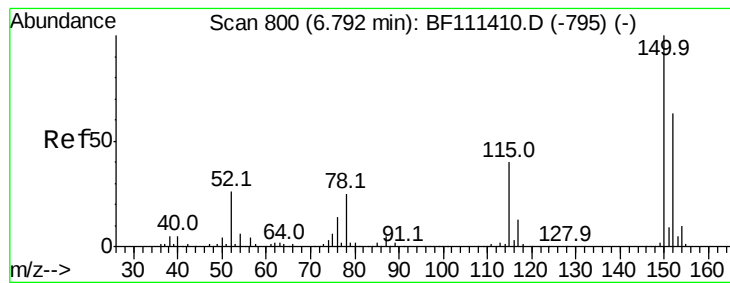
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

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

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

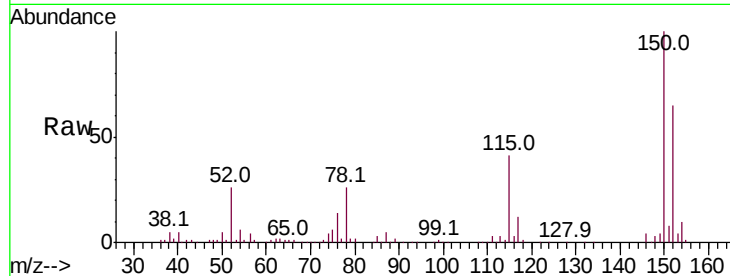


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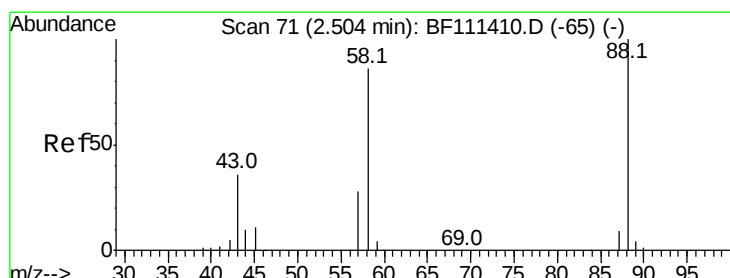
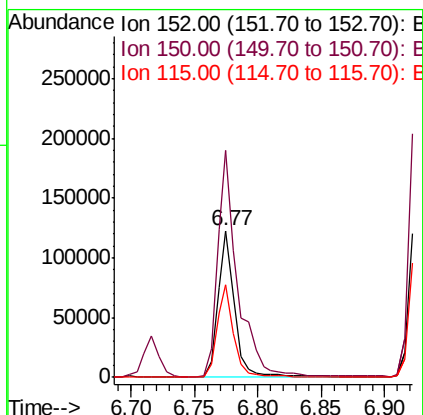
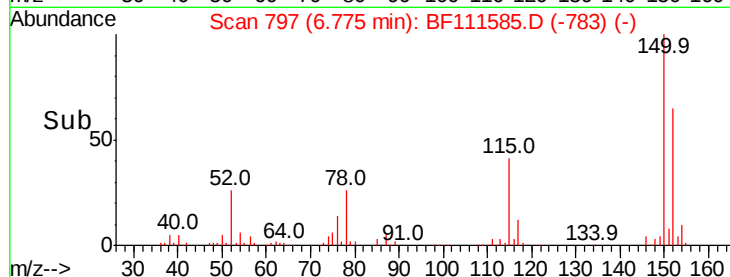
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampled :

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



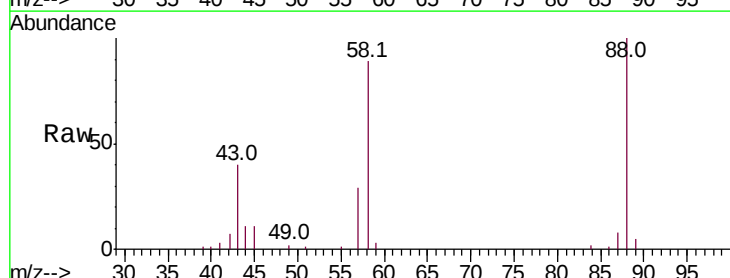
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



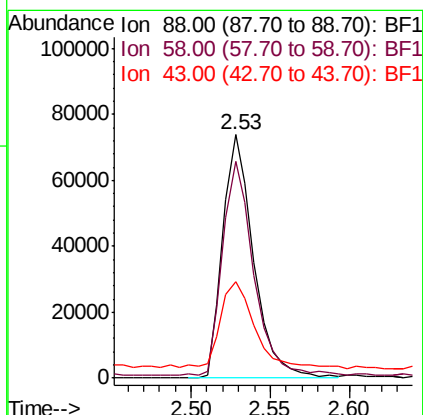
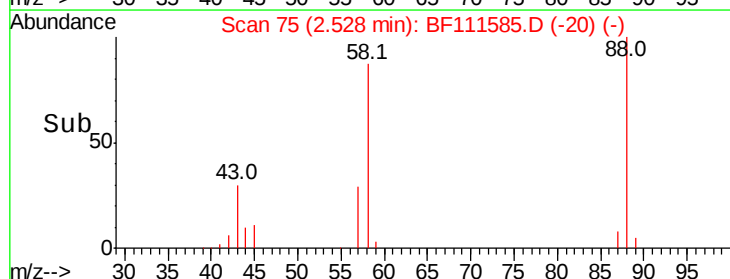
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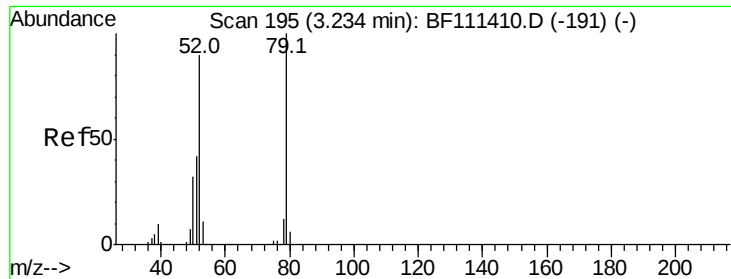
1,4-Dioxane
Concen: 29.974 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

Pvridine

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 :

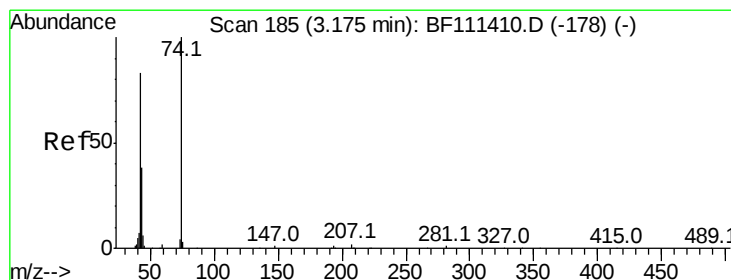
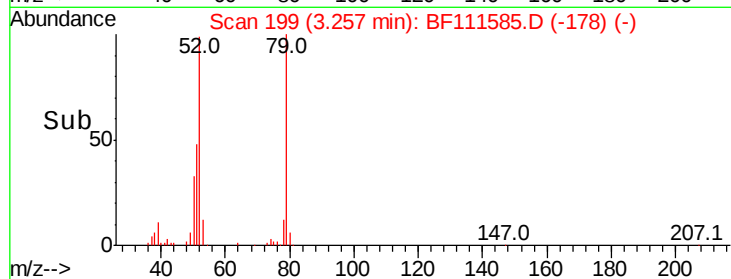
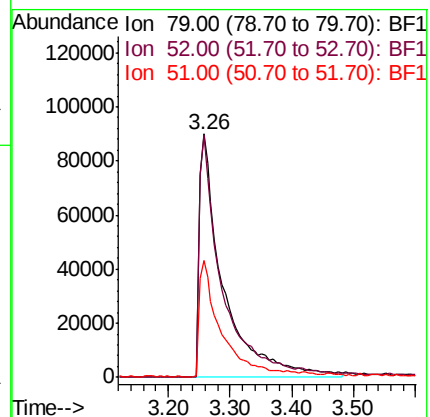
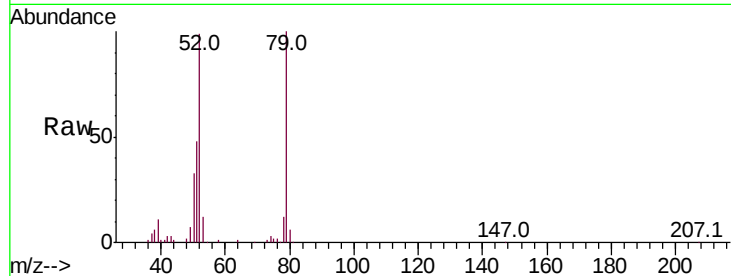
Tot Ion: 79 Resp: 241612

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

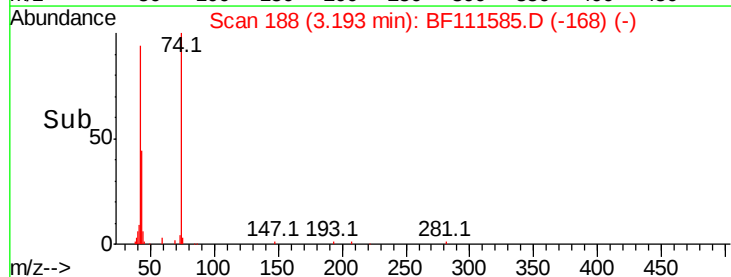
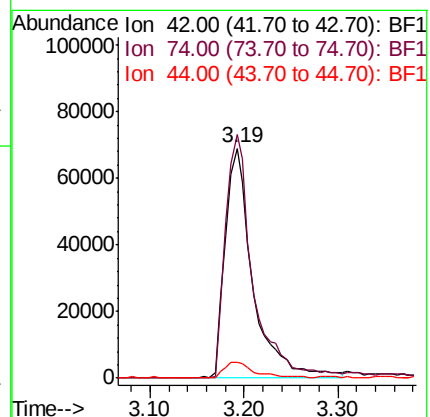
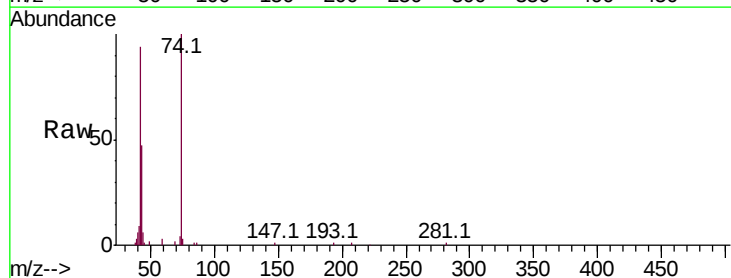
Tgt Ion: 42 Resp: 143115

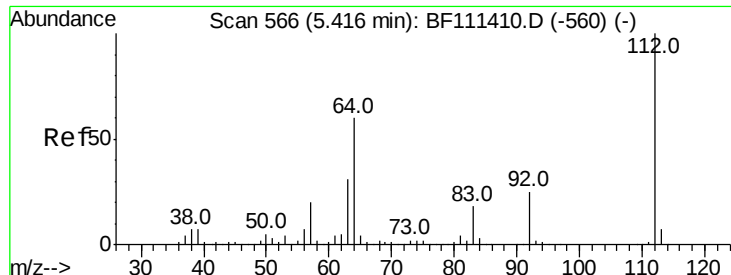
Ion Ratio Lower Upper

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

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampled :

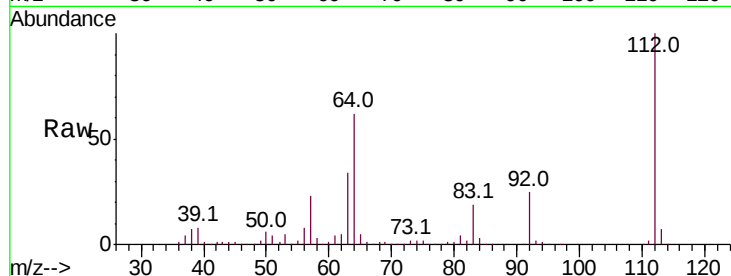
Tot Ion:112 Resp: 505557

Ion Ratio Lower Upper

112 100

64 62.4 51.8 77.6

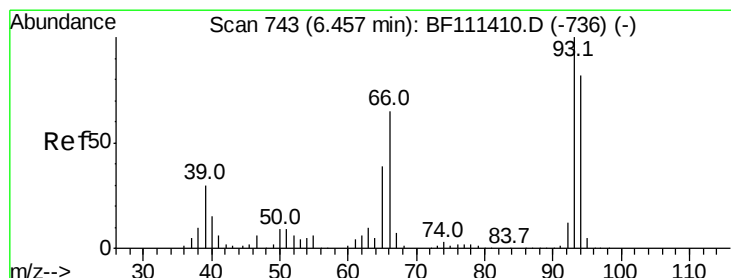
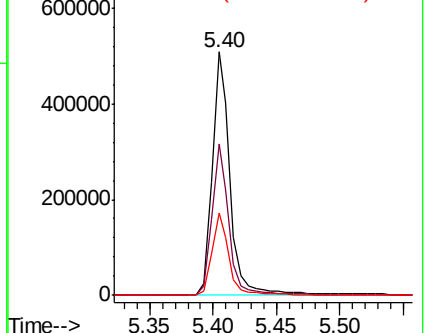
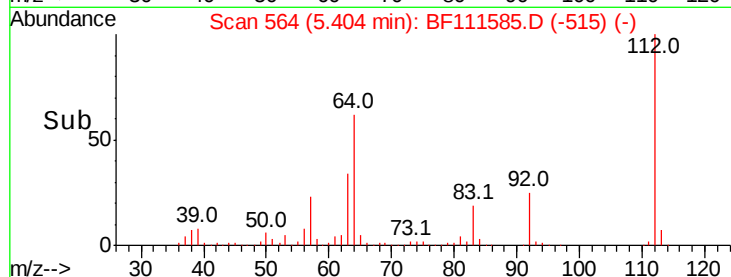
63 34.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

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

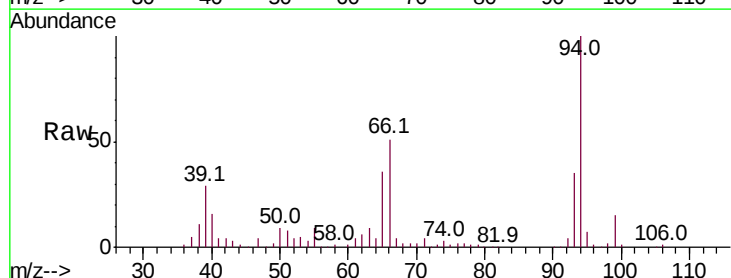
Tgt Ion: 93 Resp: 134375

Ion Ratio Lower Upper

93 100

66 146.1 33.2 49.8#

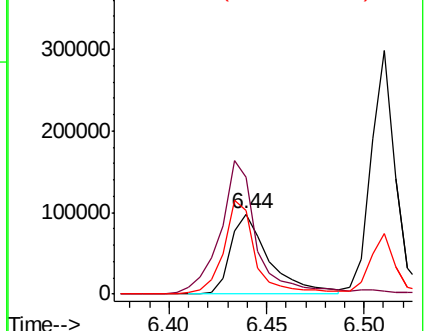
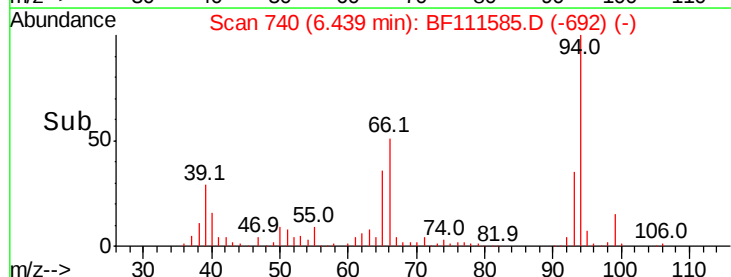
65 103.7 17.0 25.4#

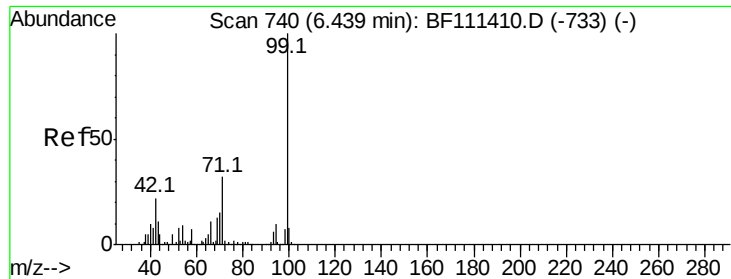


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

ClientSampleId :

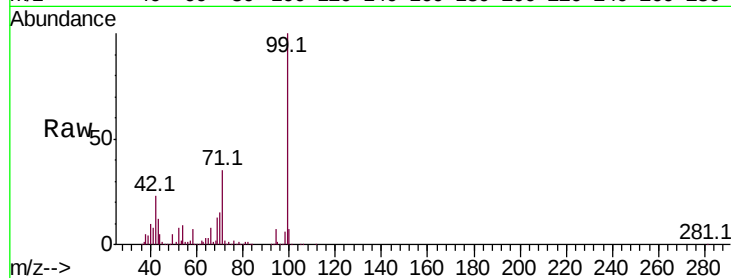
Tot Ion: 99 Resp: 694535

Ion Ratio Lower Upper

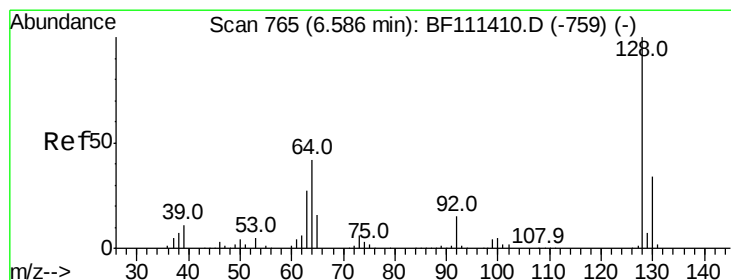
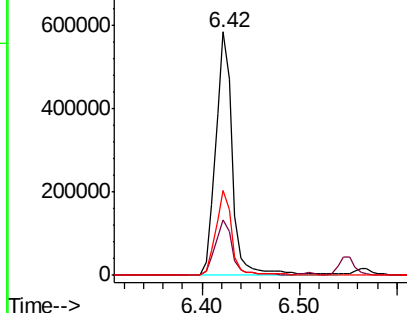
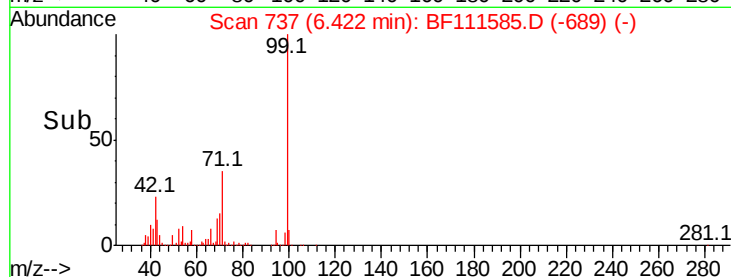
99 100

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

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

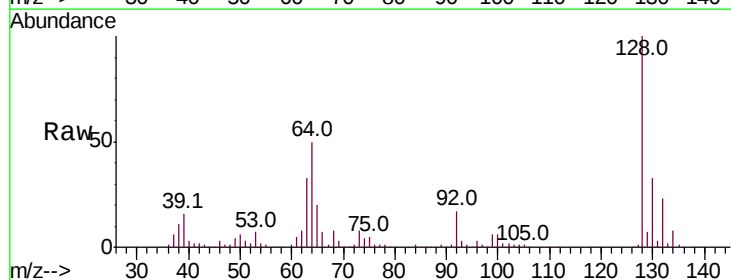
Tgt Ion: 128 Resp: 302897

Ion Ratio Lower Upper

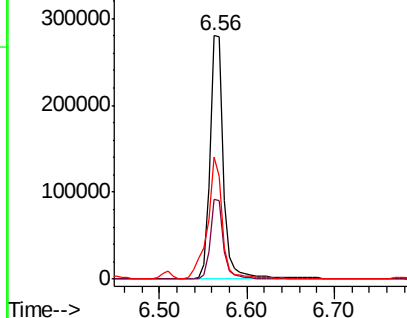
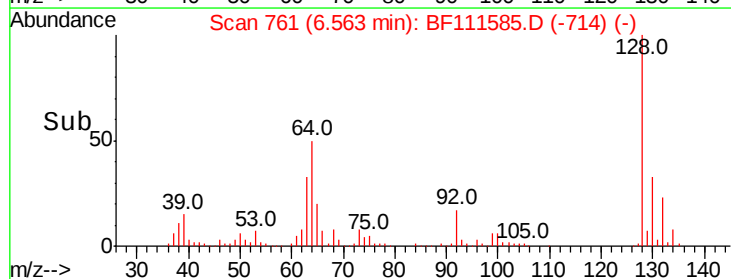
128 100

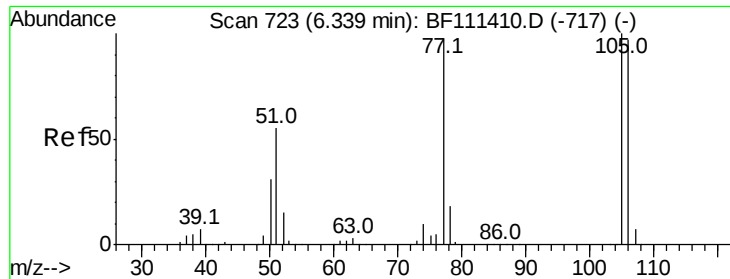
130 32.6 12.7 52.7

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

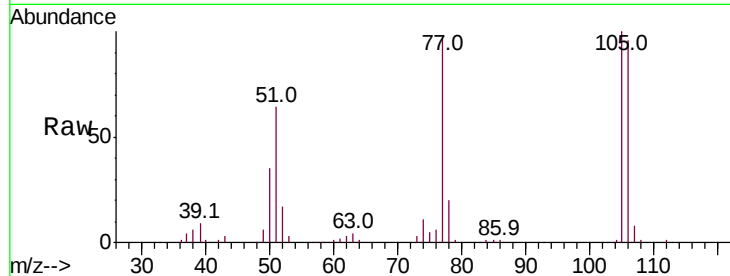




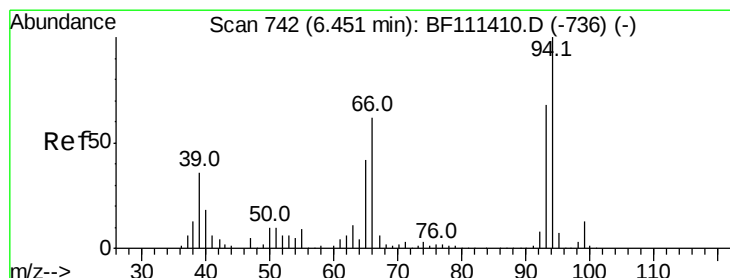
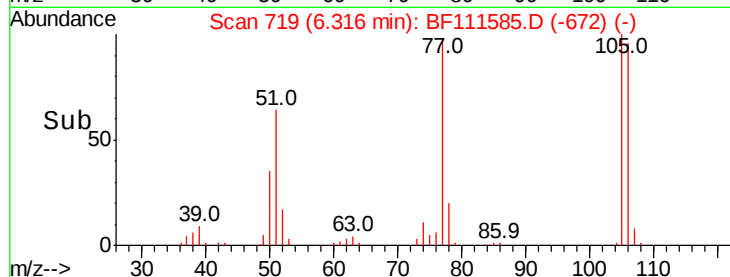
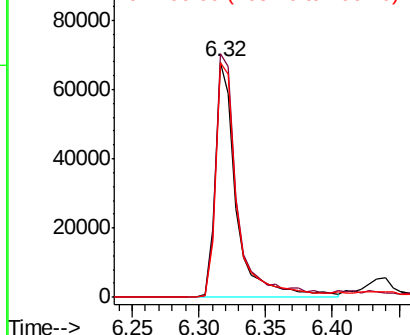
#9
Benzaldehyde
Concen: 13.697 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 76127
Ion Ratio Lower Upper
77 100
105 103.6 81.4 121.4
106 99.8 77.9 117.9

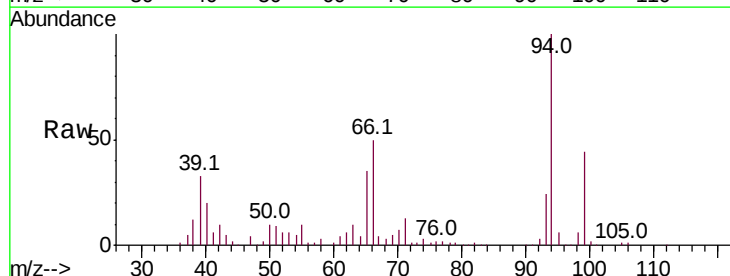


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

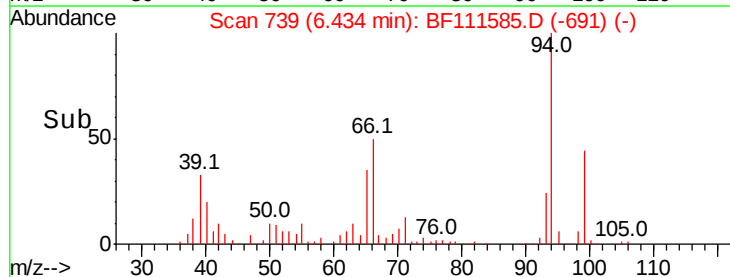
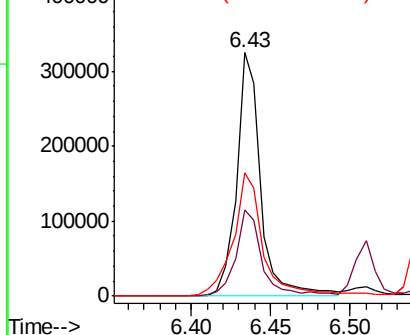


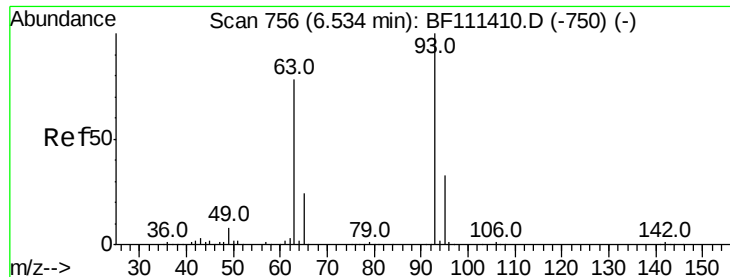
#10
Phenol
Concen: 33.418 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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



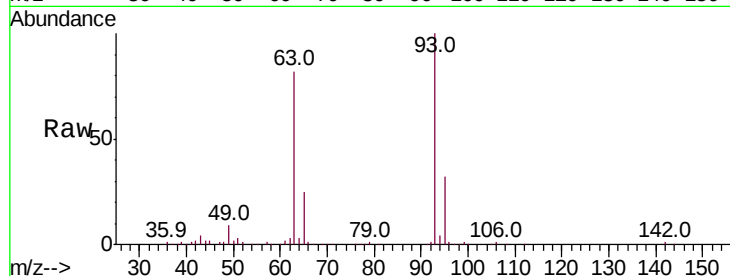


#11

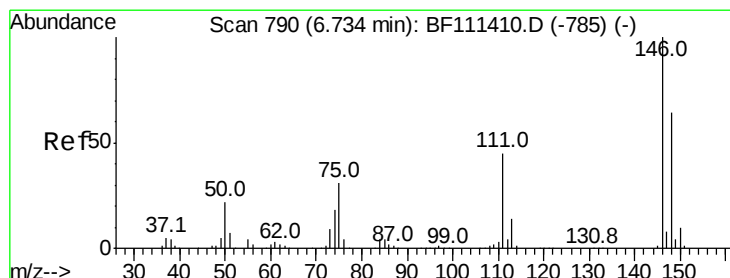
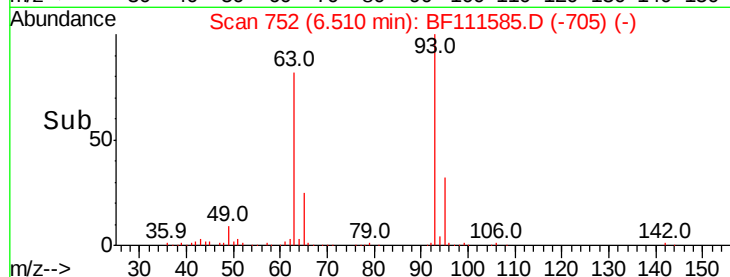
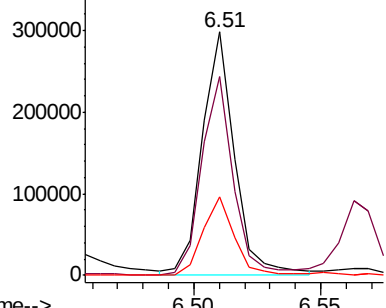
bis(2-Chloroethyl)ether
Concen: 32.870 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	93	Resp:	263017
Ion	Ratio	Lower	Upper
93	100		
63	81.5	60.0	100.0
95	32.2	13.4	53.4



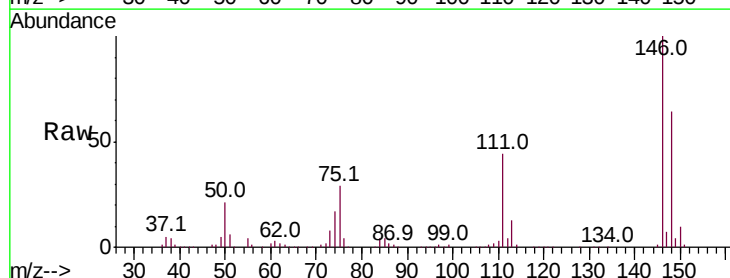
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



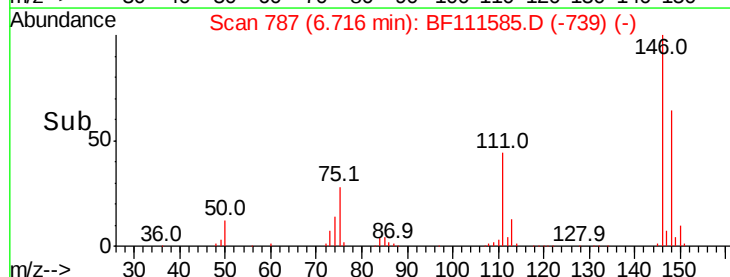
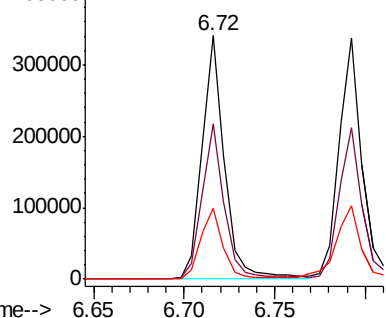
#12

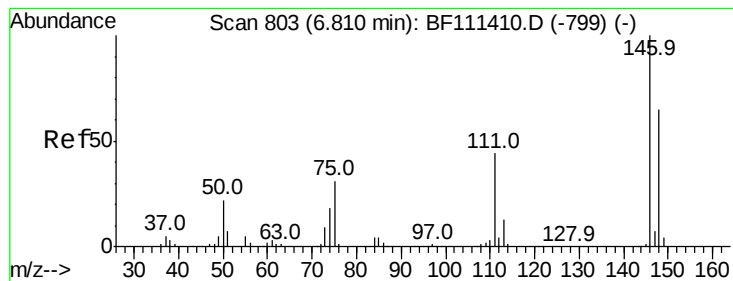
1,3-Dichlorobenzene
Concen: 32.775 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

ClientSampled :

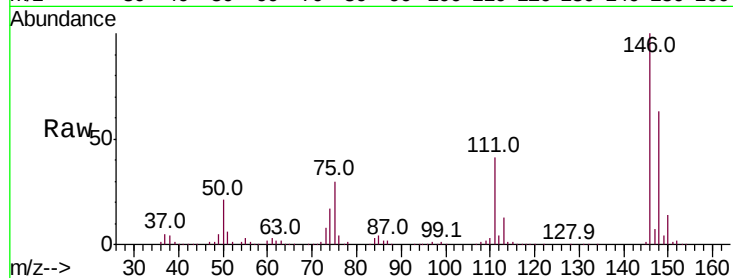
Tot Ion:146 Resp: 306229

Ion Ratio Lower Upper

146 100

148 62.8 52.8 79.2

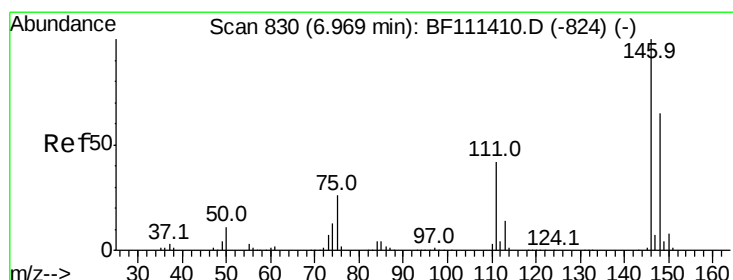
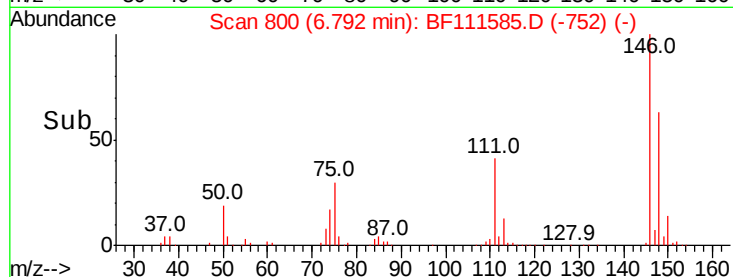
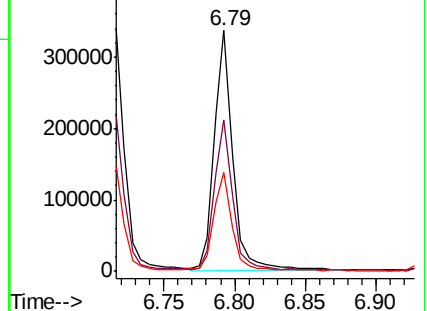
111 41.1 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#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

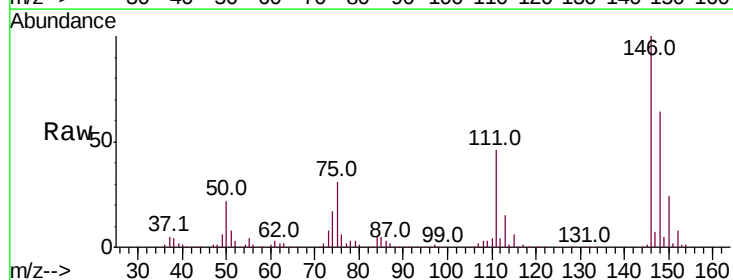
Tgt Ion:146 Resp: 290946

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

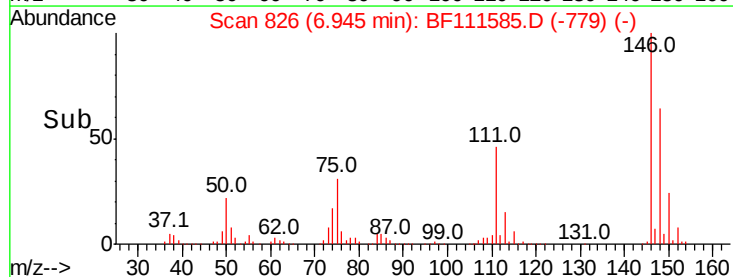
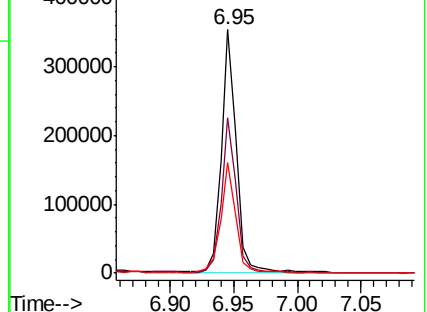
111 45.6 36.2 54.4

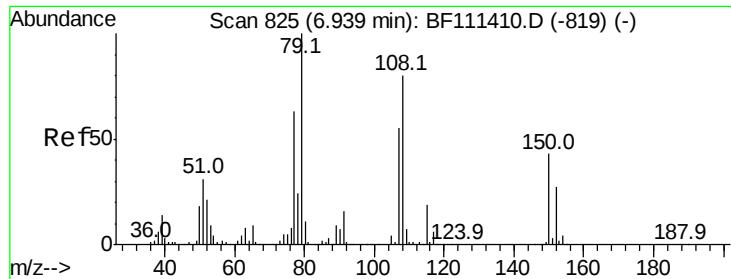


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#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

ClientSampled :

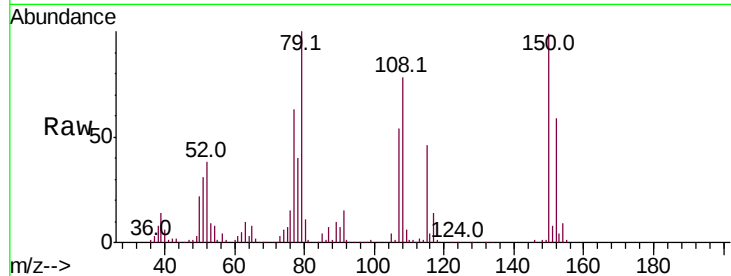
Tot Ion: 79 Resp: 245151

Ion Ratio Lower Upper

79 100

108 77.7 69.4 104.2

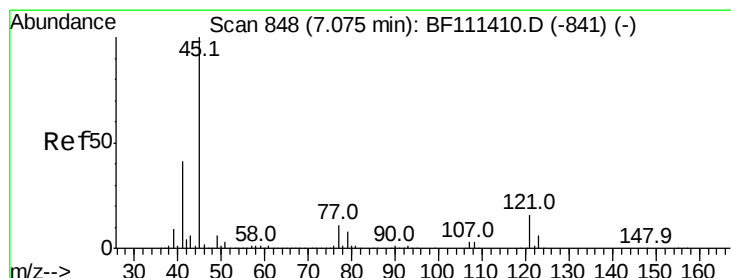
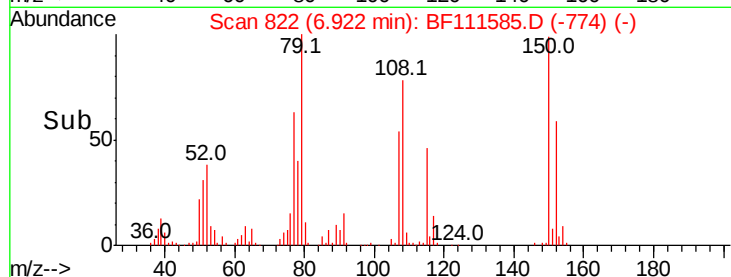
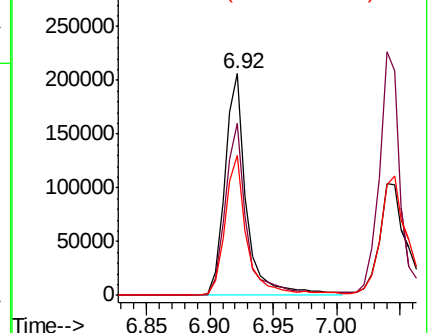
77 63.4 49.7 74.5



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

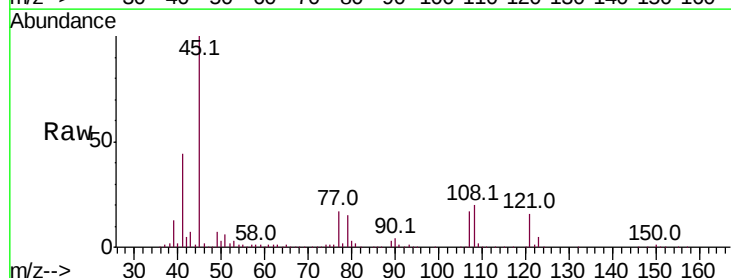
Tgt Ion: 45 Resp: 539652

Ion Ratio Lower Upper

45 100

77 17.4 0.0 31.5

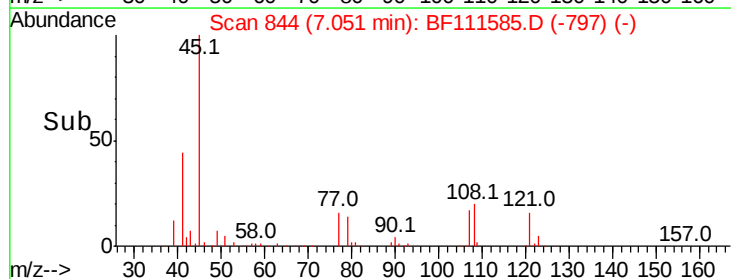
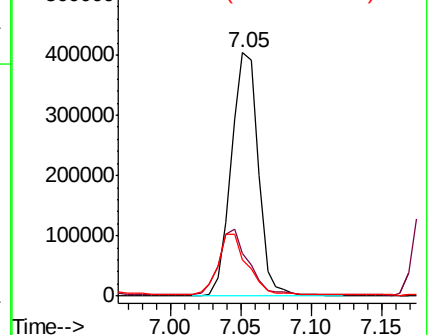
79 15.0 0.0 28.9

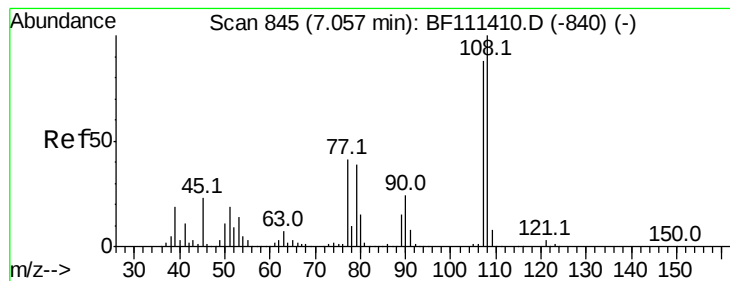


Abundance Ion 45.00 (44.70 to 45.70): BF1

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

ClientSampled :

Tot Ion:107 Resp: 238648

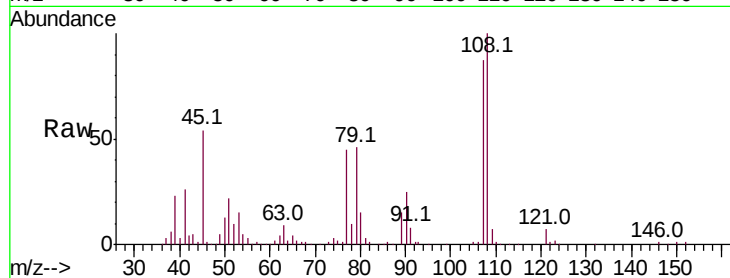
Ion Ratio Lower Upper

107 100

108 115.4 91.0 136.4

77 52.2 33.5 50.3#

79 52.7 33.3 49.9#



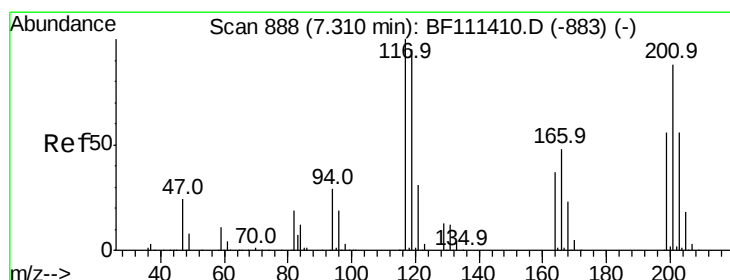
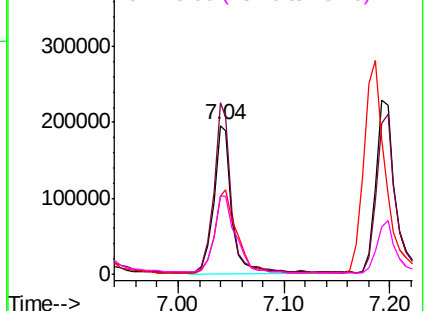
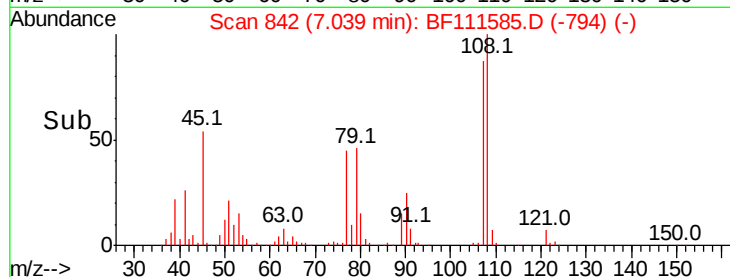
Abundance

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

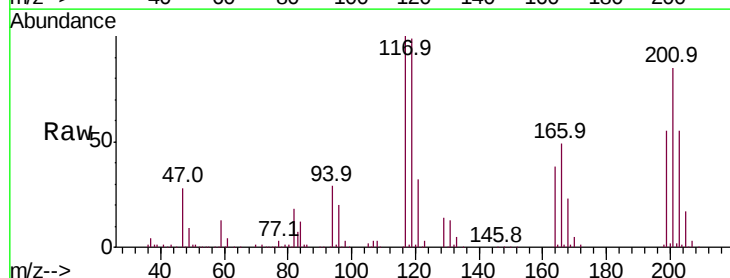
Tgt Ion:117 Resp: 116950

Ion Ratio Lower Upper

117 100

119 99.3 75.4 113.0

201 85.2 62.4 93.6

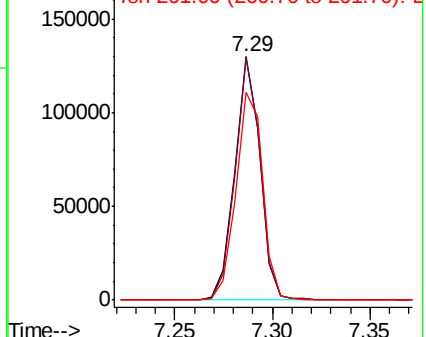
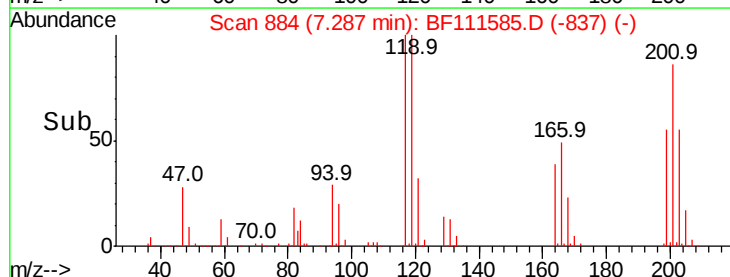


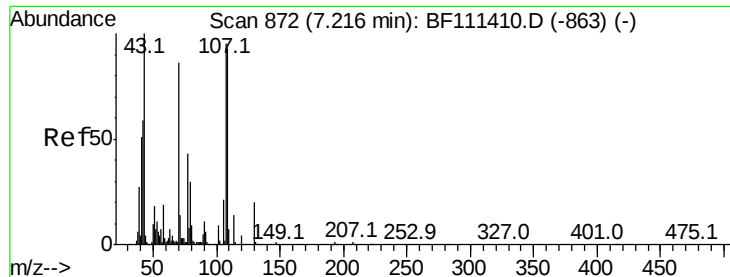
Abundance

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

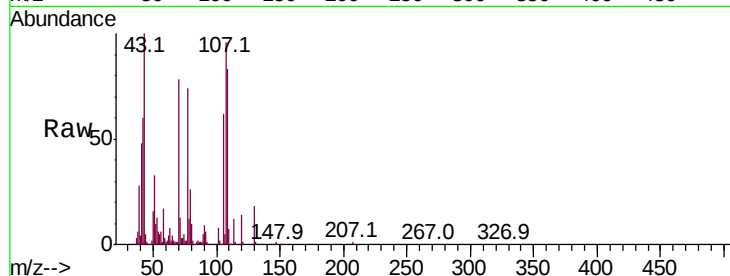




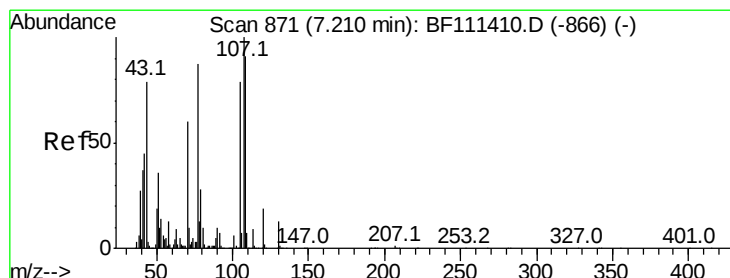
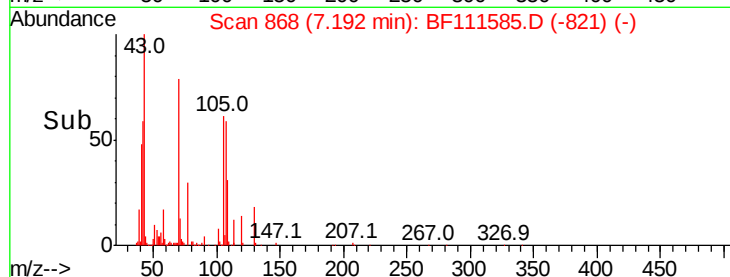
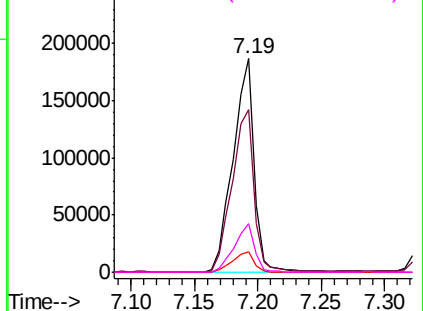
#19
n-Nitroso-di-n-propylamine
Concen: 35.463 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampled :

Tot 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



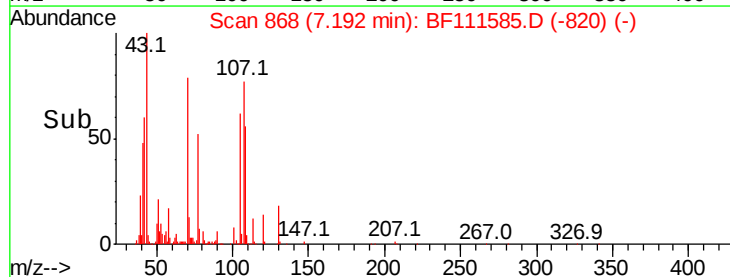
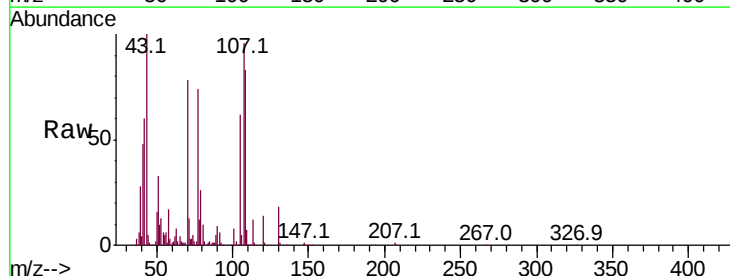
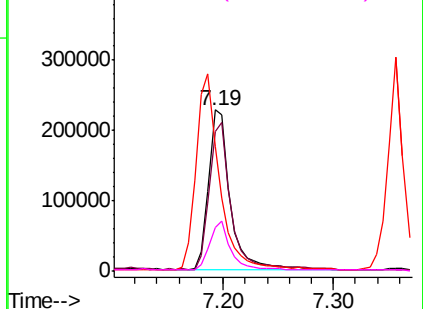
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

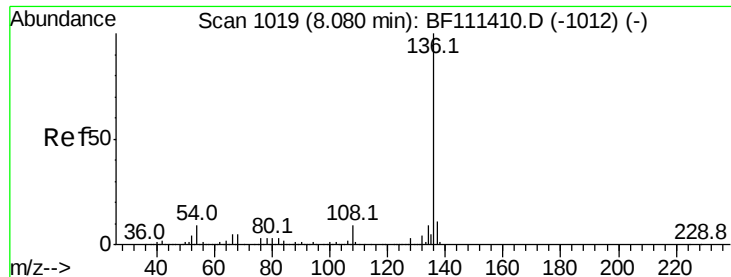


#20
3+4-Methylphenols
Concen: 36.492 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

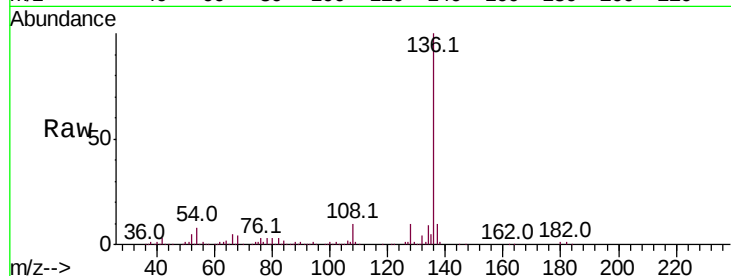




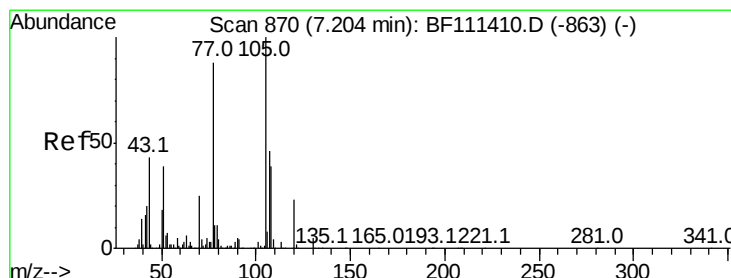
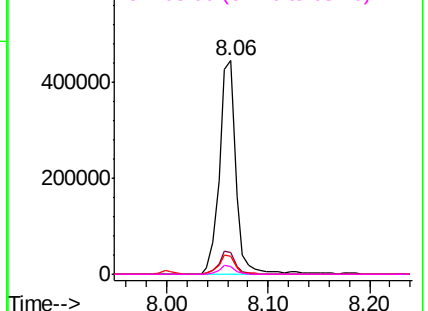
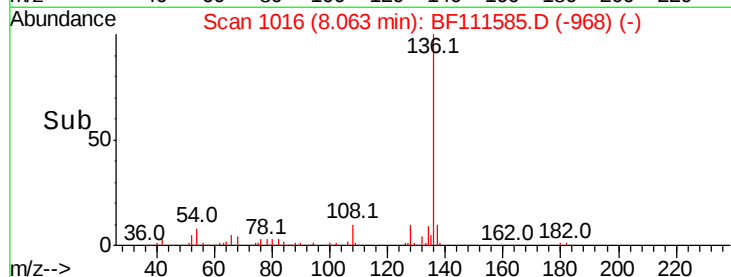
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot 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#

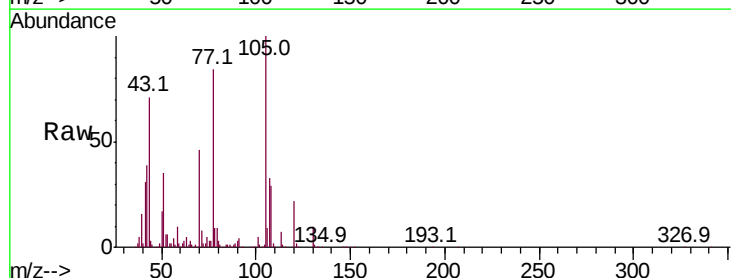


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

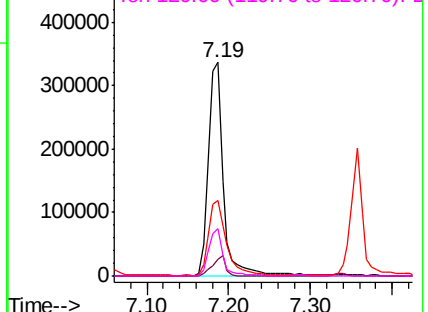
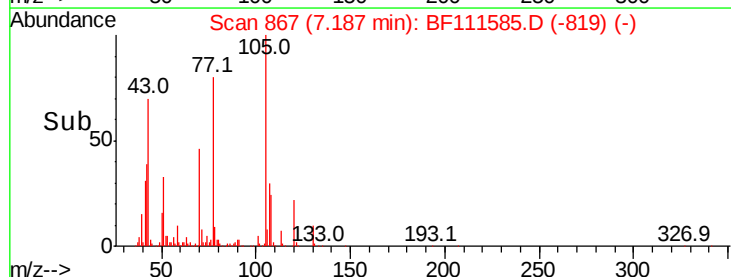


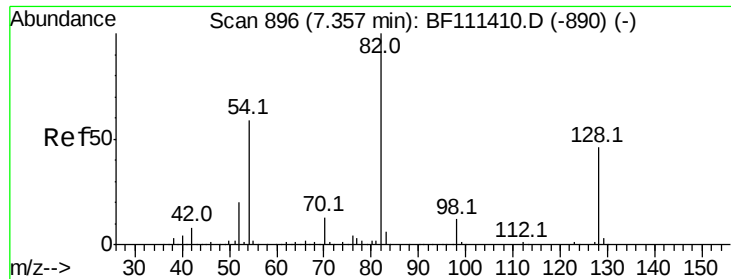
#22
Acetophenone
Concen: 38.382 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

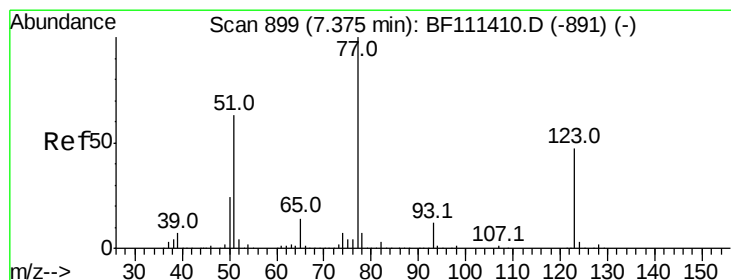
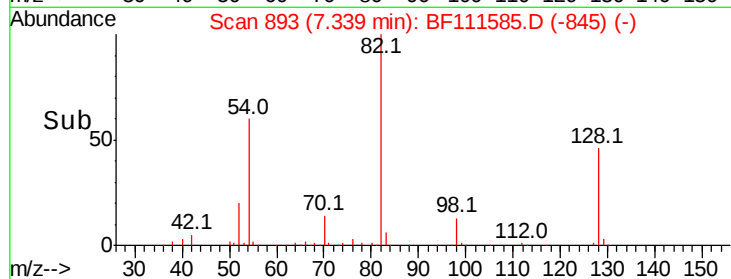
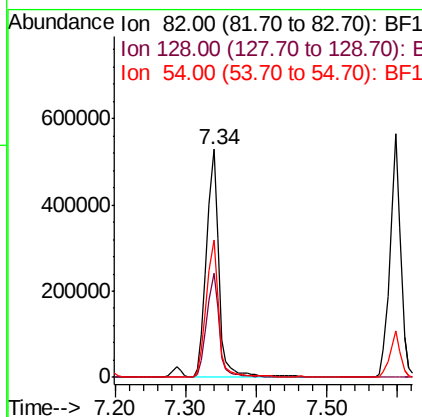
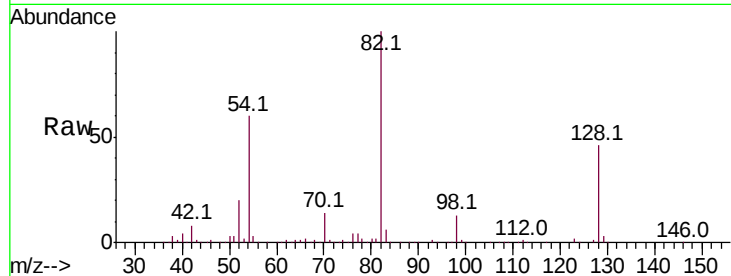




#23
 Nitrobenzene-d5
 Concen: 77.138 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

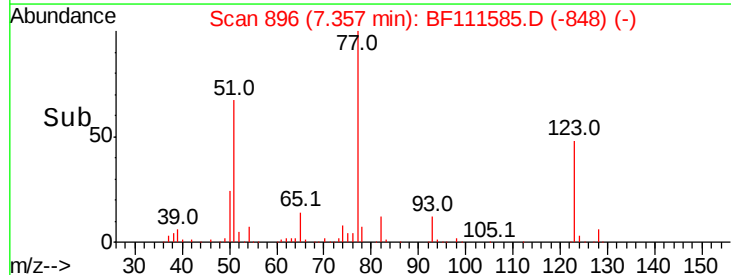
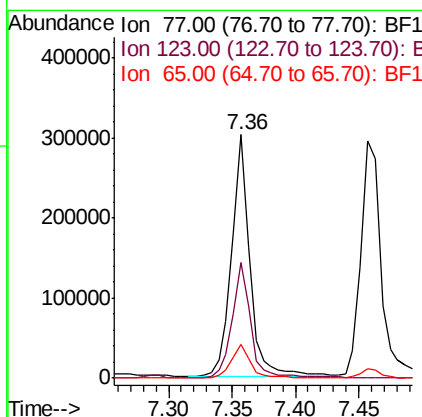
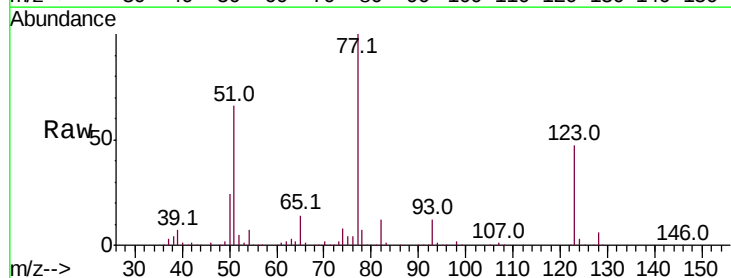
Instrument :
 BNA_F
 ClientSampleId :

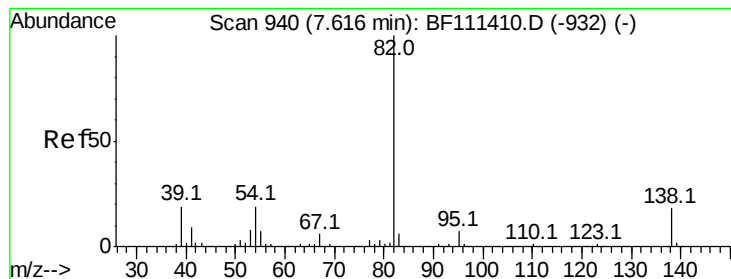
Tot Ion: 82 Resp: 653334
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.4 56.2
 54 60.5 47.6 71.4



#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





#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 :

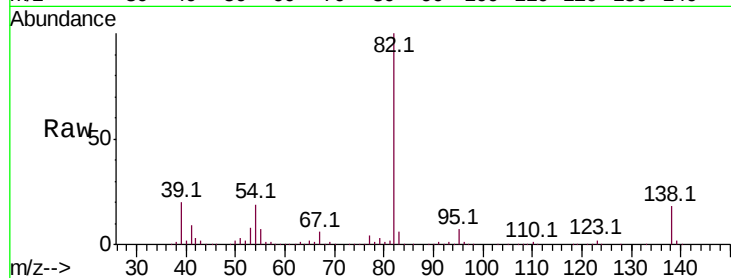
Tot Ion: 82 Resp: 597364

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

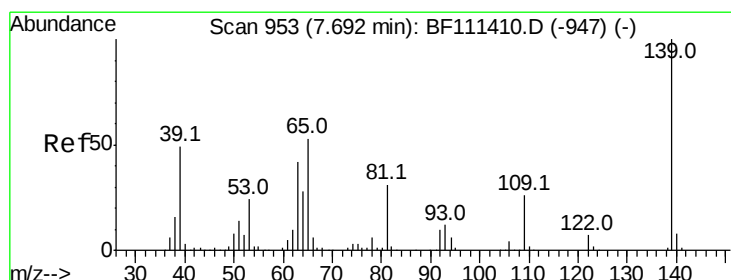
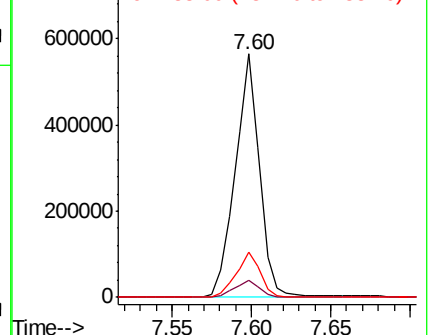
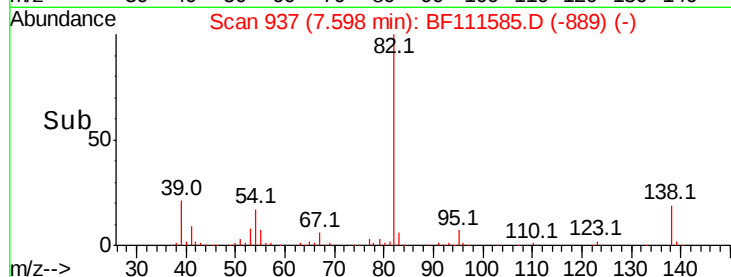
138 18.5 15.1 22.7



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

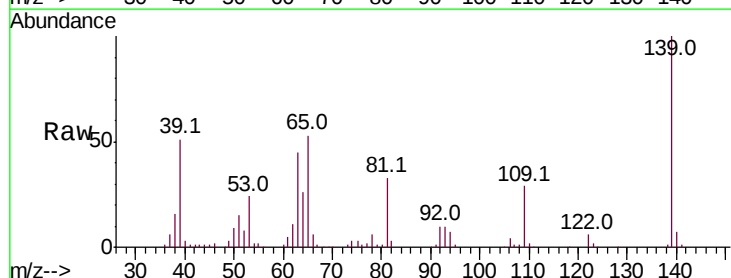
Tgt Ion: 139 Resp: 156689

Ion Ratio Lower Upper

139 100

109 28.8 20.2 30.4

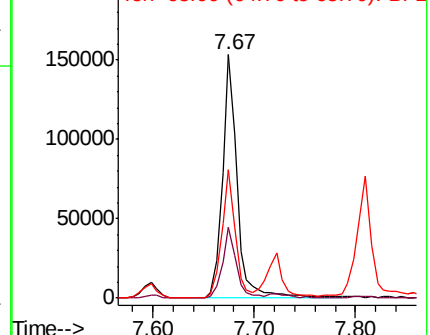
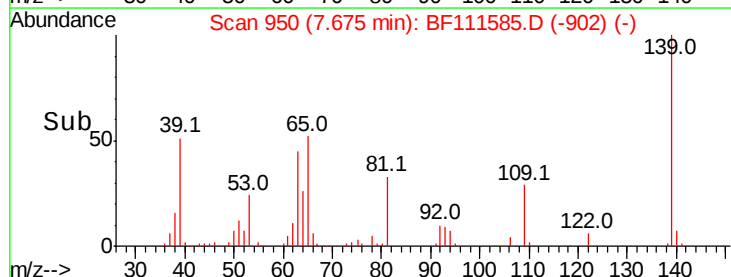
65 52.6 40.7 61.1

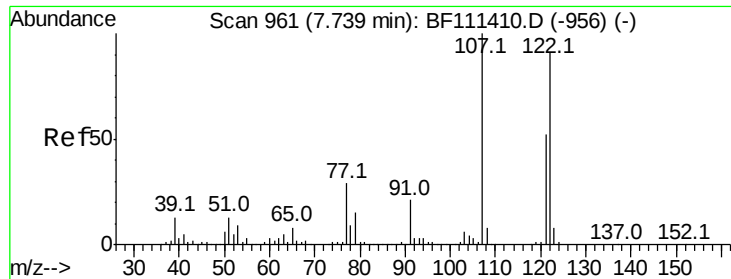


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

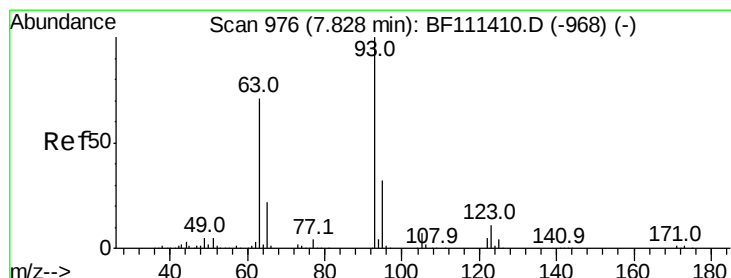
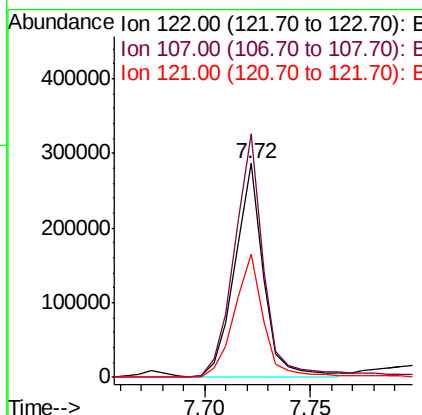
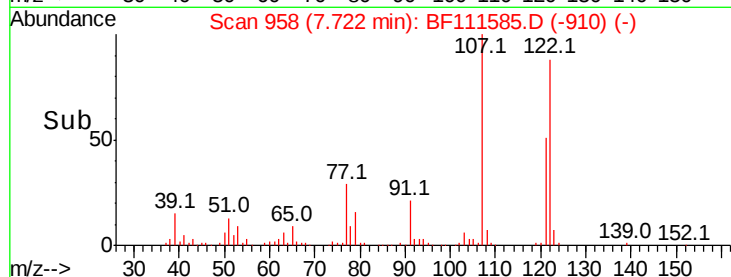
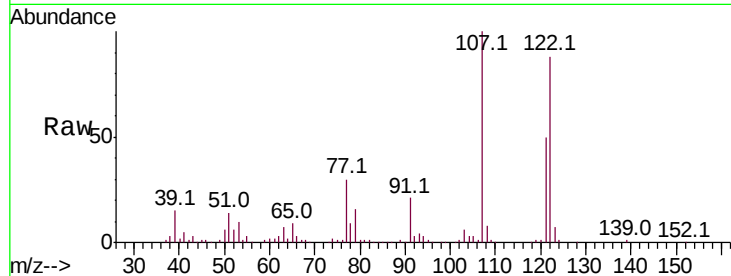




#27
2,4-Dimethylphenol
Concen: 41.323 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

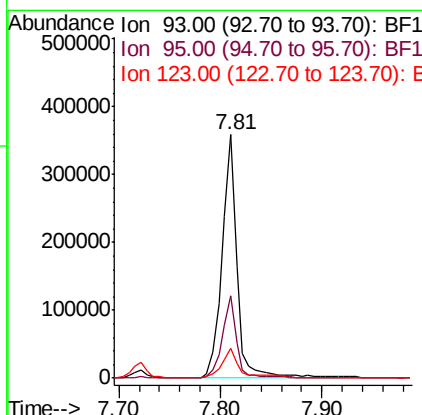
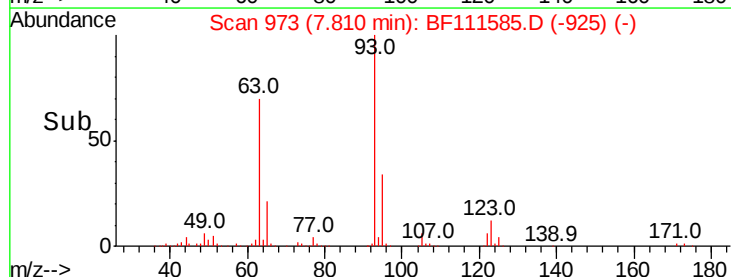
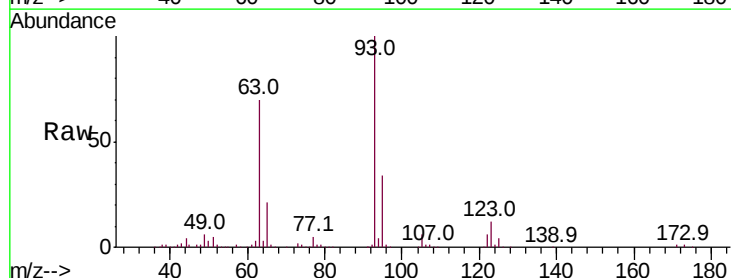
Instrument :
BNA_F
ClientSampled :

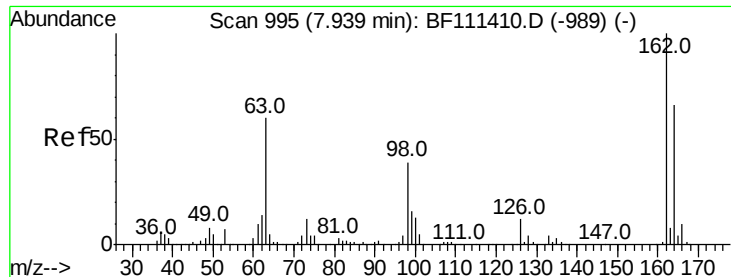
Tot Ion:122 Resp: 268427
Ion Ratio Lower Upper
122 100
107 114.0 85.5 128.3
121 57.5 46.6 70.0



#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

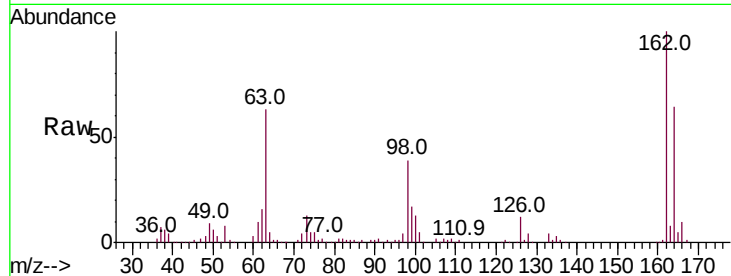




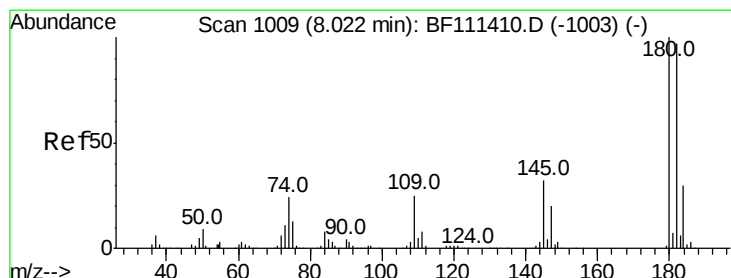
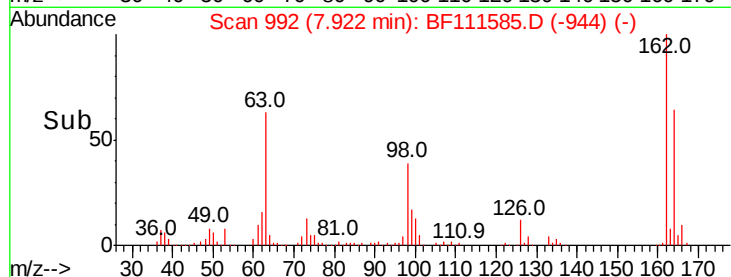
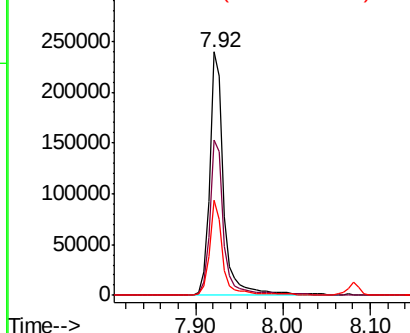
#29
2,4-Dichlorophenol
Concen: 38.704 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

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

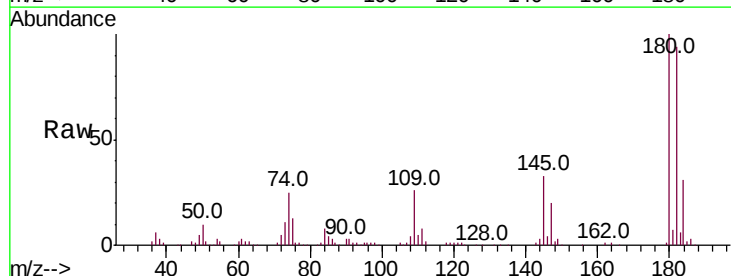


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

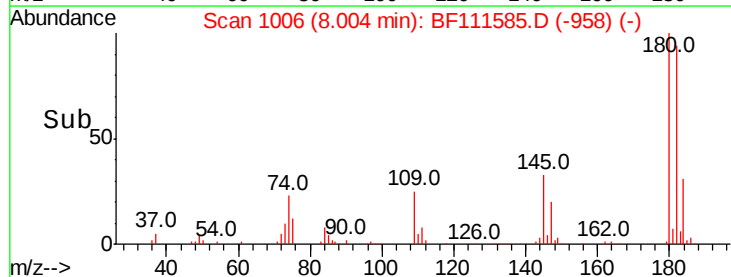
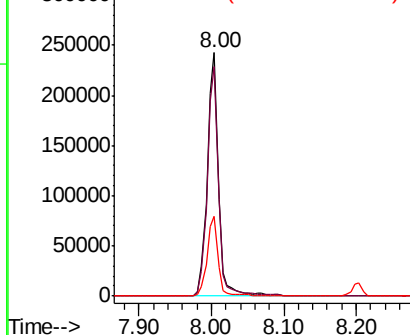


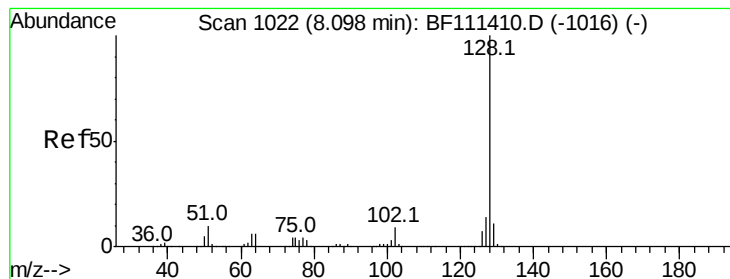
#30
1,2,4-Trichlorobenzene
Concen: 36.059 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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 :

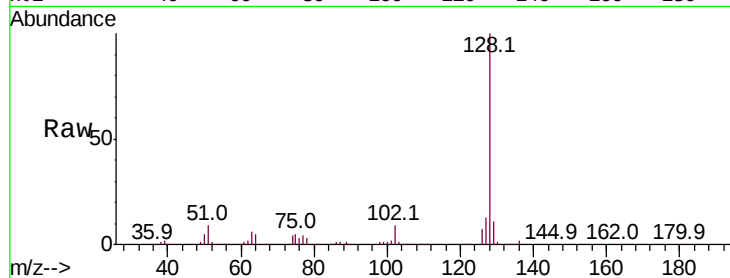
Tot Ion:128 Resp: 950765

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

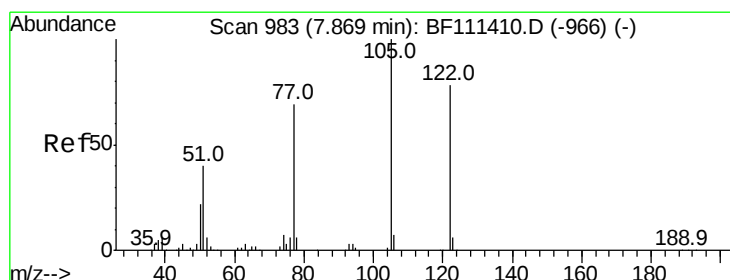
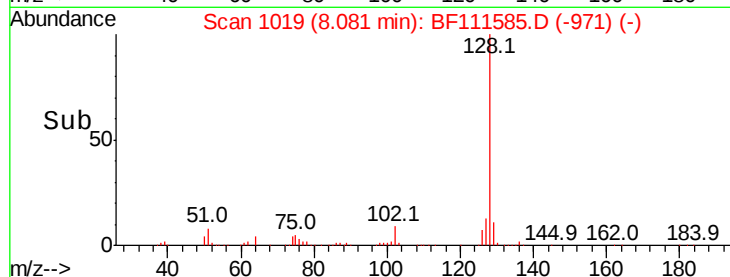
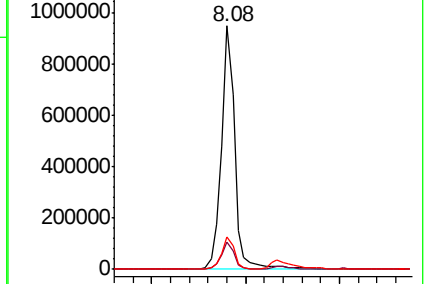
127 13.1 12.0 18.0



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: 32.131 ng m

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

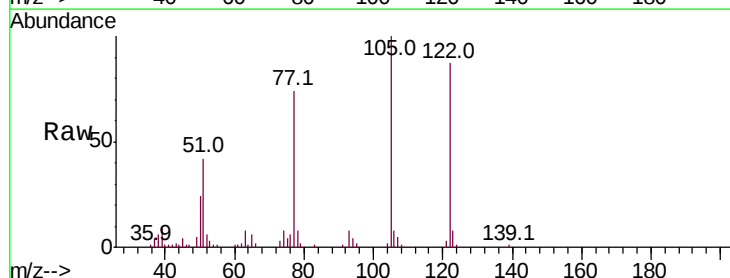
Tgt Ion:122 Resp: 180359

Ion Ratio Lower Upper

122 100

105 114.5 97.0 137.0

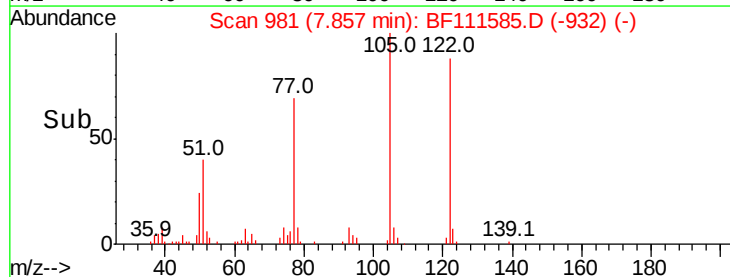
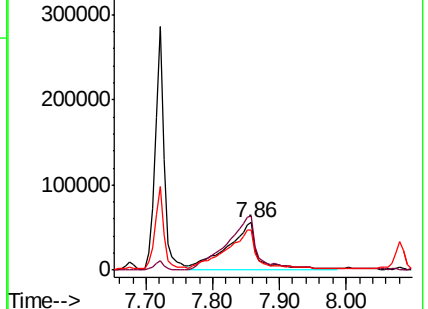
77 84.5 65.7 105.7

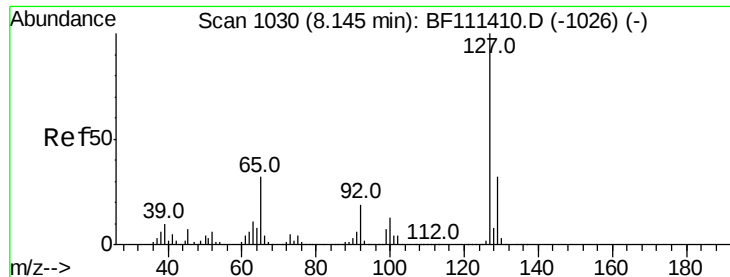


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

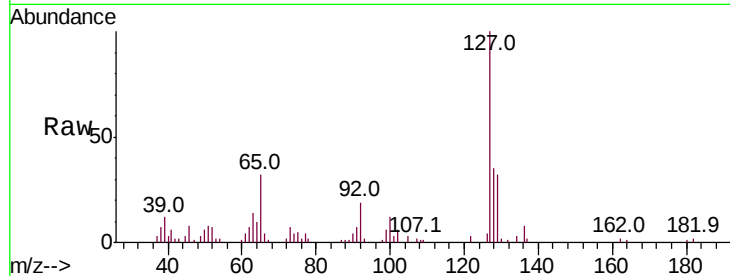




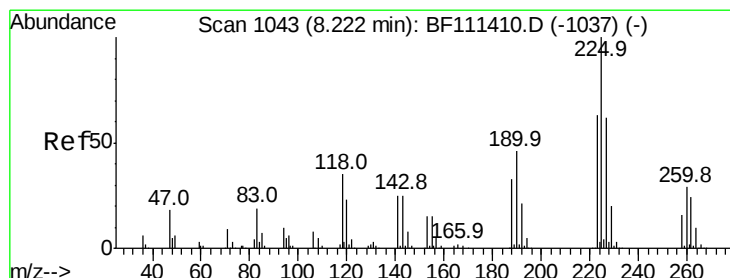
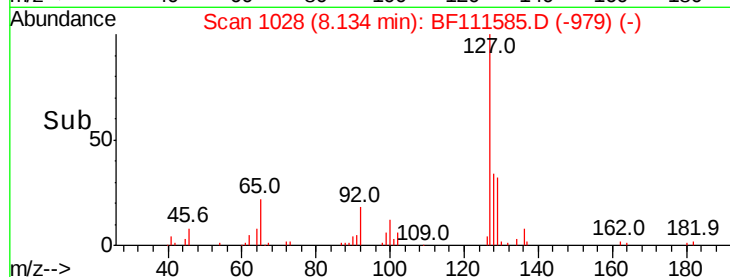
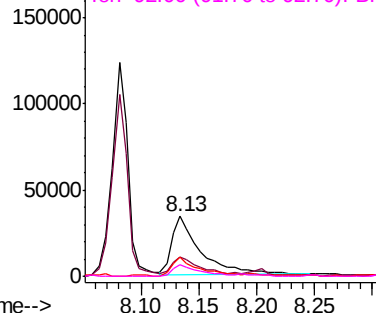
#33
4-Chloroaniline
Concen: 5.695 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot 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

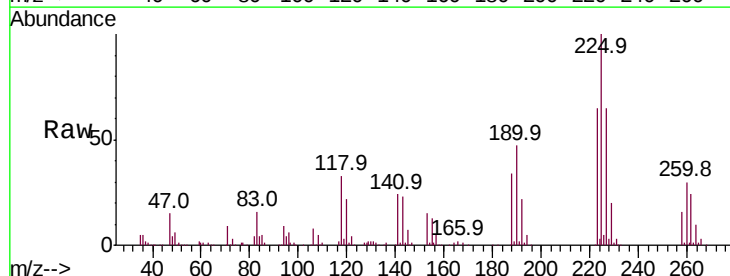


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

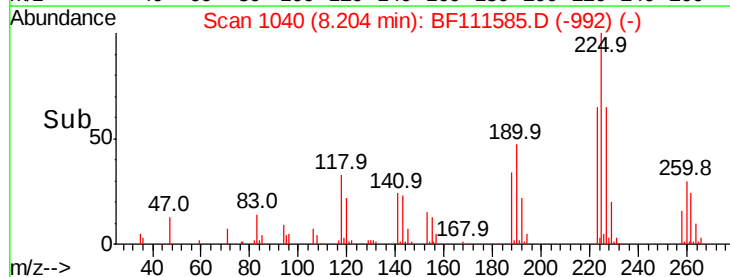
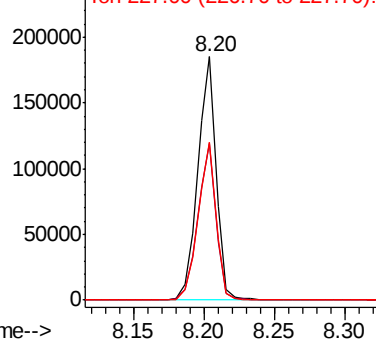


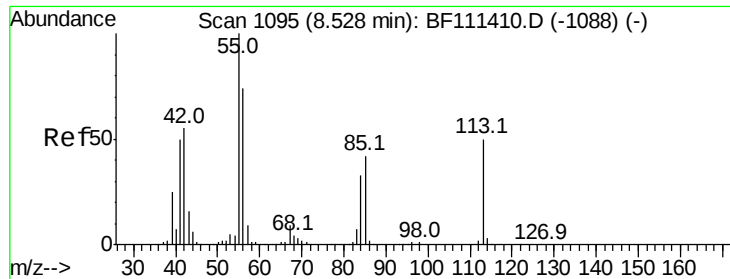
#34
Hexachlorobutadiene
Concen: 41.724 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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: 58.582 ng/ml

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

ClientSampled :

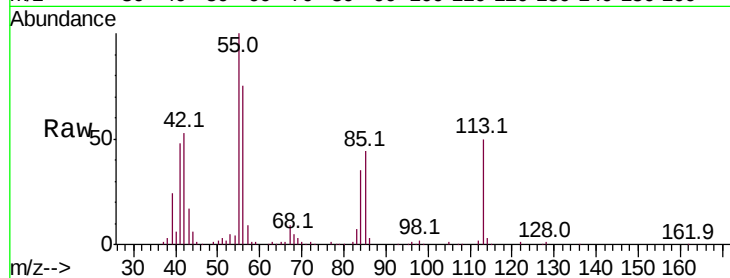
Tot Ion:113 Resp: 150822

Ion Ratio Lower Upper

113 100

55 198.6 184.1 224.1

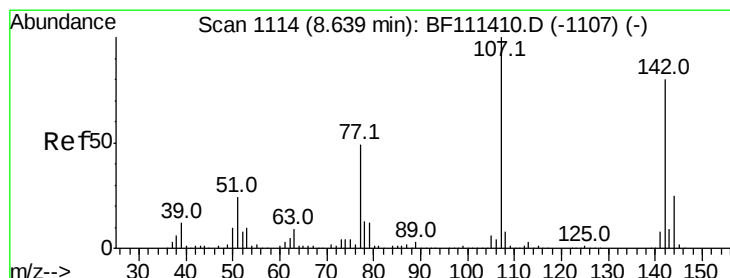
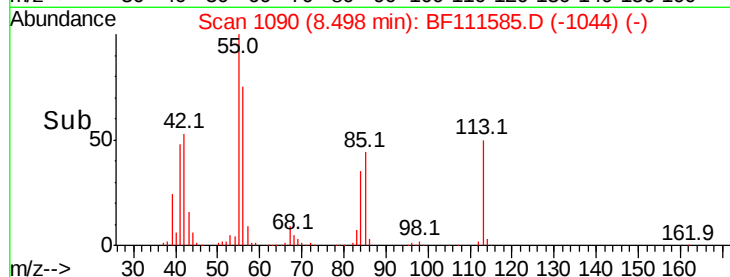
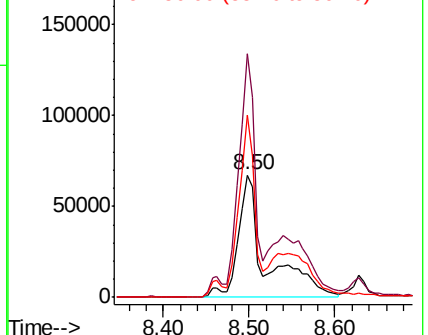
56 148.9 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 60.823 ng/ml

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

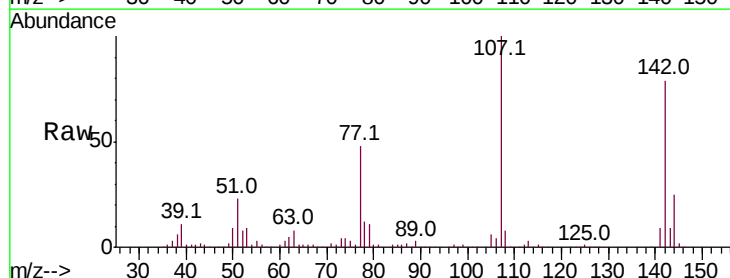
Tgt Ion:107 Resp: 464244

Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

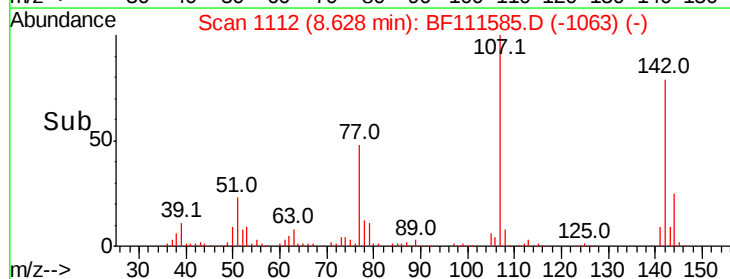
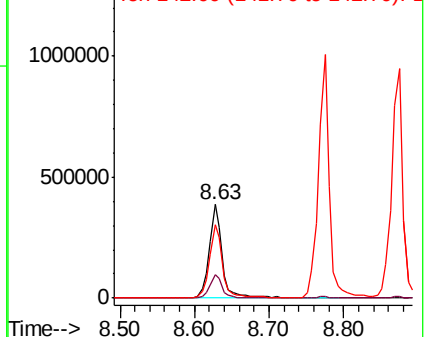
142 79.1 62.3 93.5

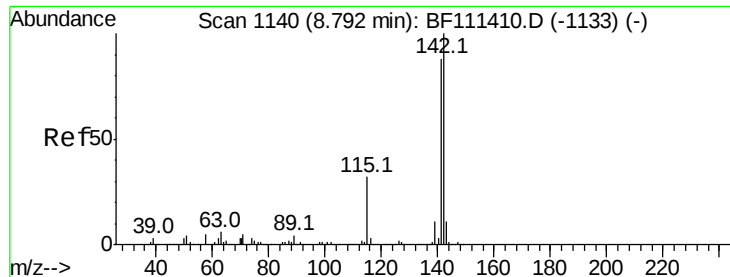


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

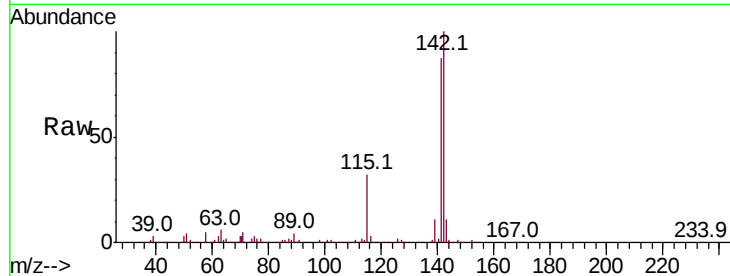




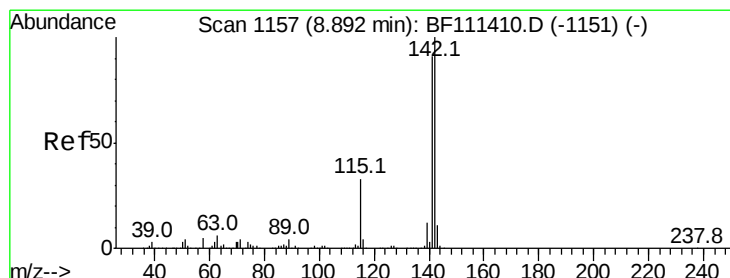
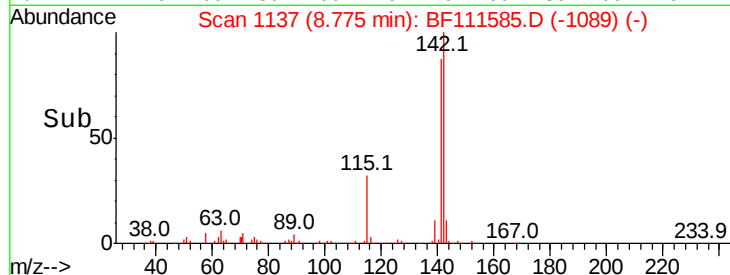
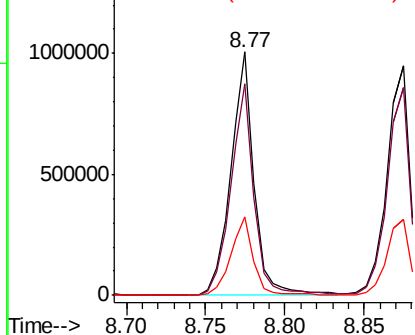
#37
2-Methylnaphthalene
Concen: 63.720 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1017150
Ion Ratio Lower Upper
142 100
141 86.7 70.6 105.8
115 32.2 27.0 40.6

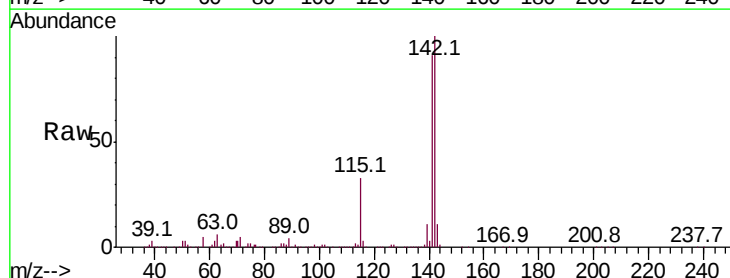


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

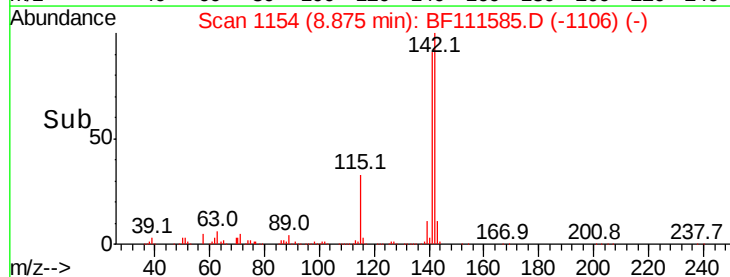
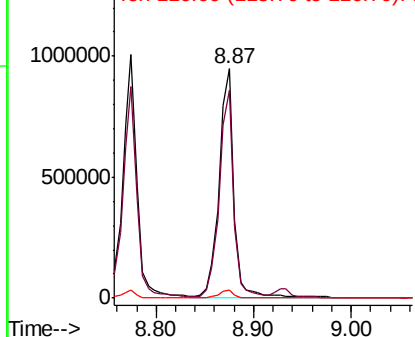


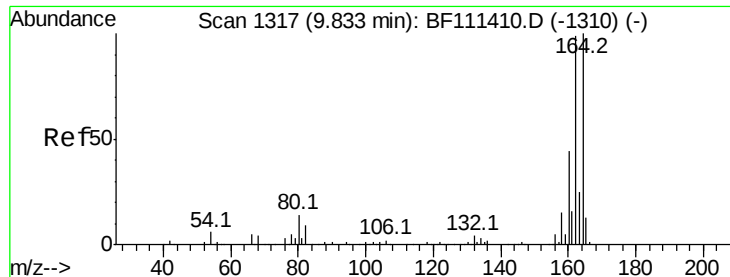
#38
1-Methylnaphthalene
Concen: 63.998 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

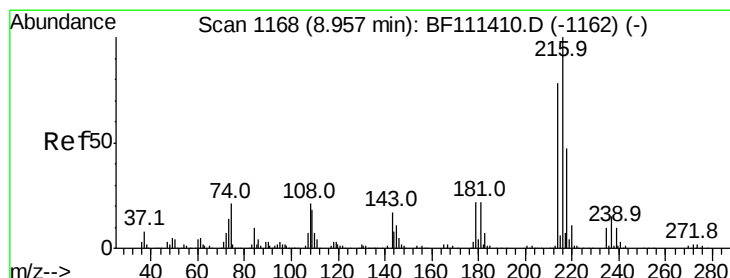
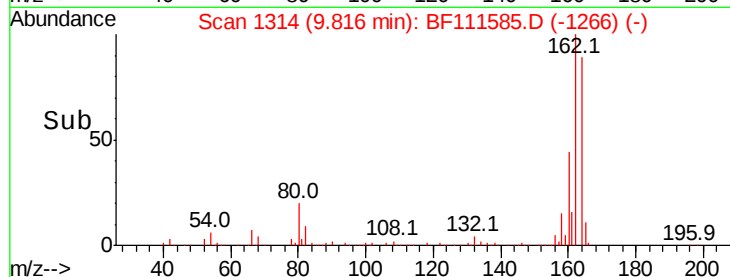
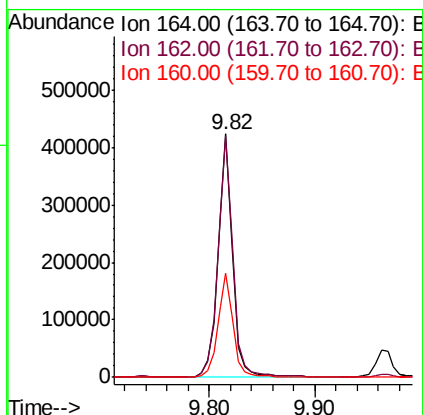
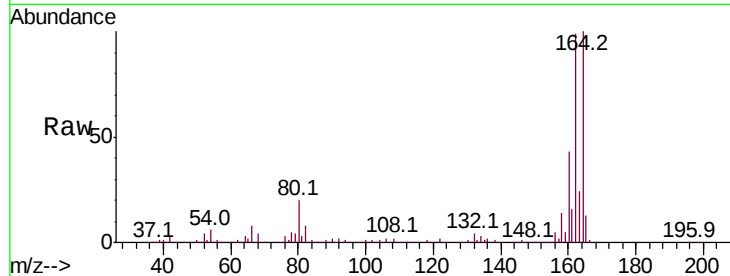




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

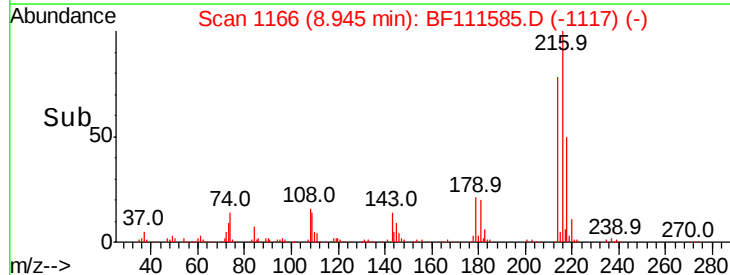
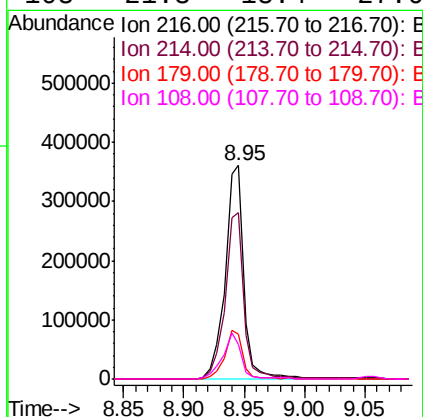
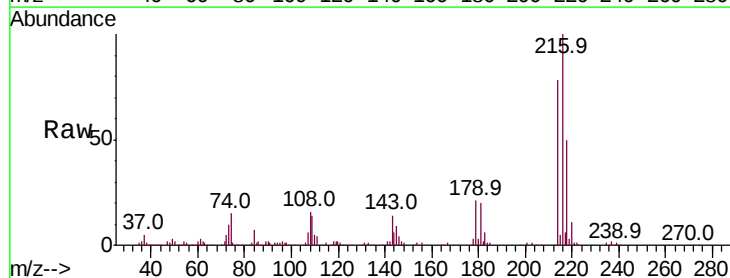
Instrument :
 BNA_F
 ClientSampled :

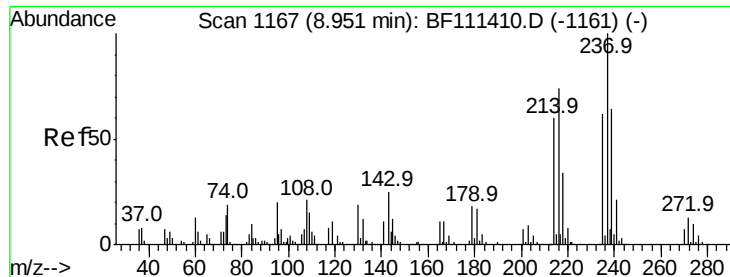
Tot Ion:164 Resp: 419150
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.4 122.0
 160 42.9 35.7 53.5



#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 :

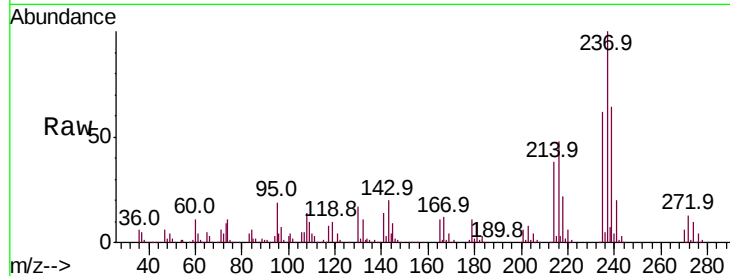
Tot Ion:237 Resp: 253952

Ion Ratio Lower Upper

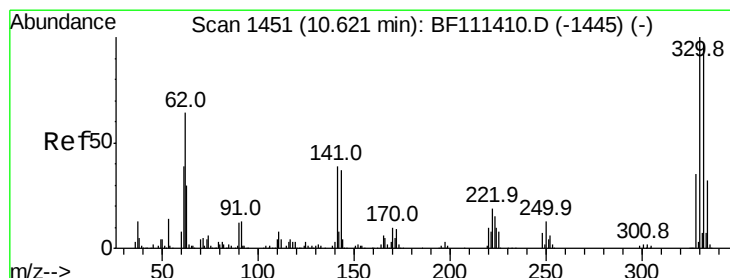
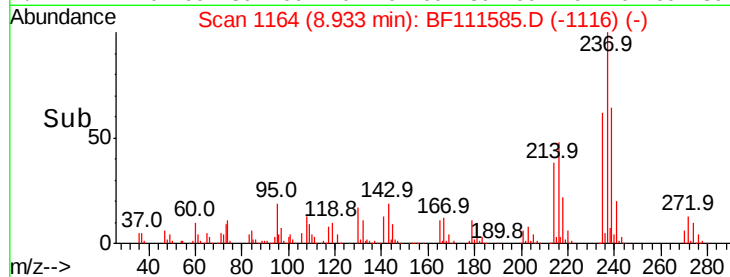
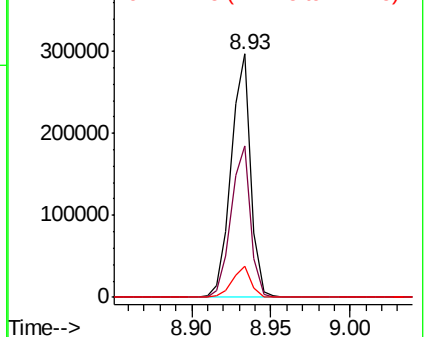
237 100

235 62.2 43.1 83.1

272 12.9 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 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

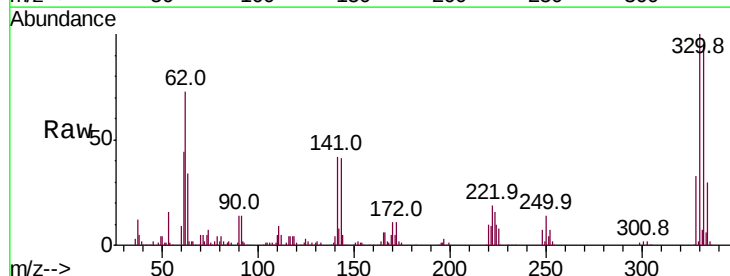
Tgt Ion:330 Resp: 296750

Ion Ratio Lower Upper

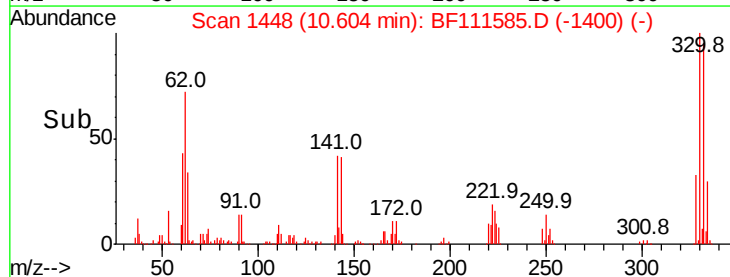
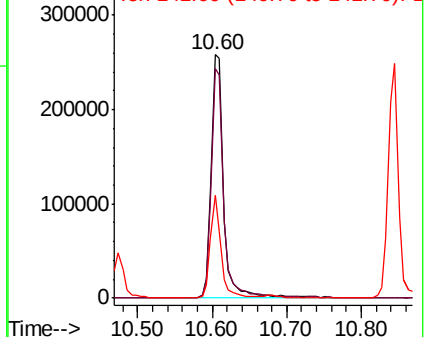
330 100

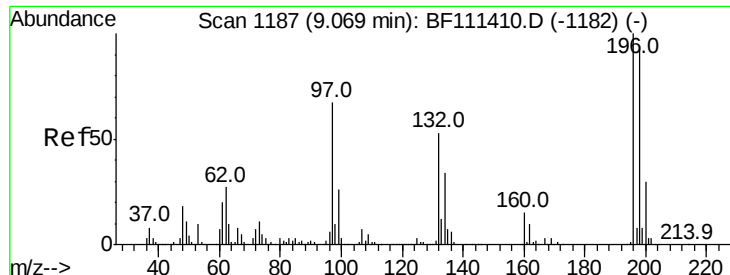
332 94.5 76.0 114.0

141 36.0 31.0 46.6



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

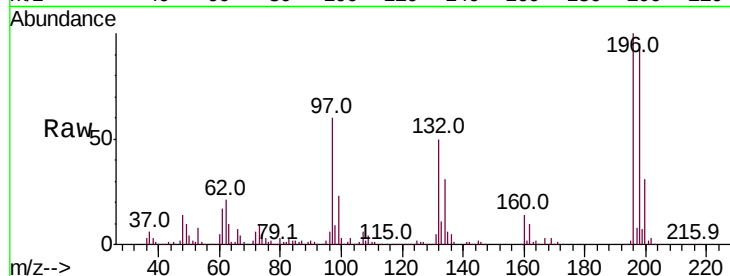




#43
 2,4,6-Trichlorophenol
 Concen: 33.690 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
200	30.6	24.9	37.3

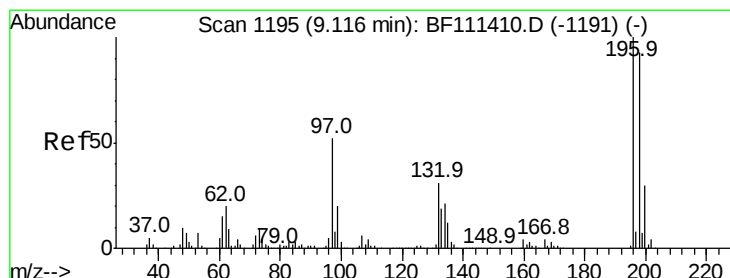
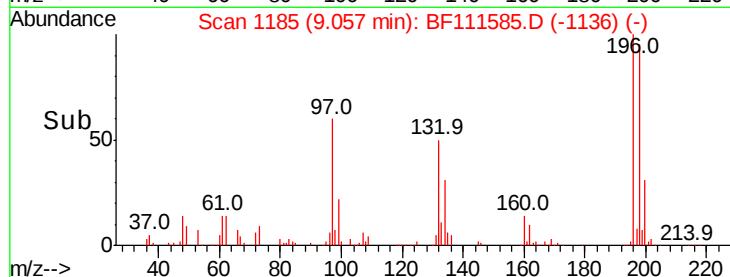
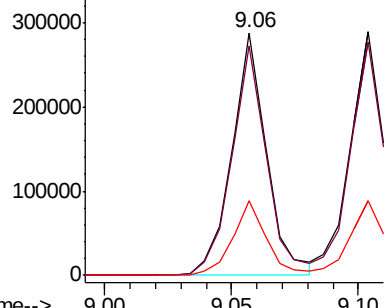


Abundance

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	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

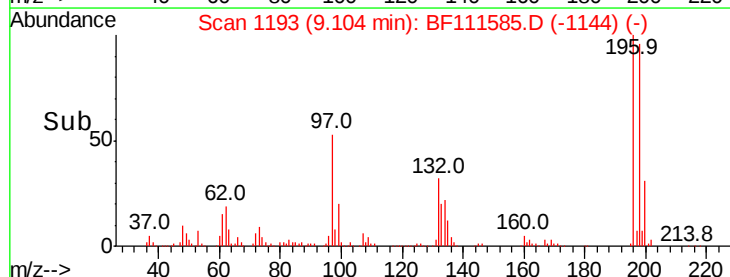
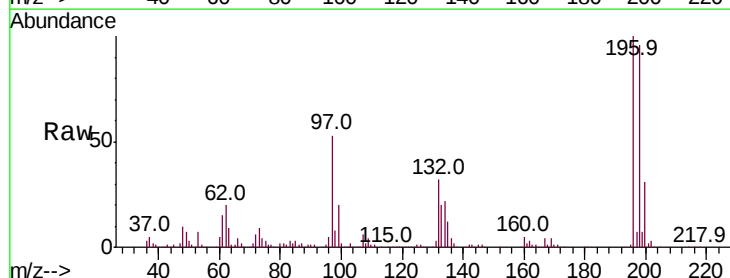
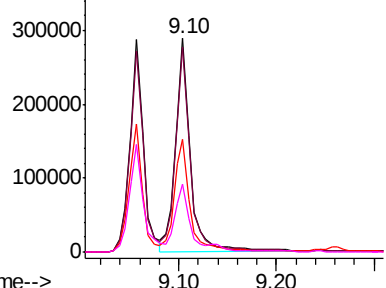
Abundance

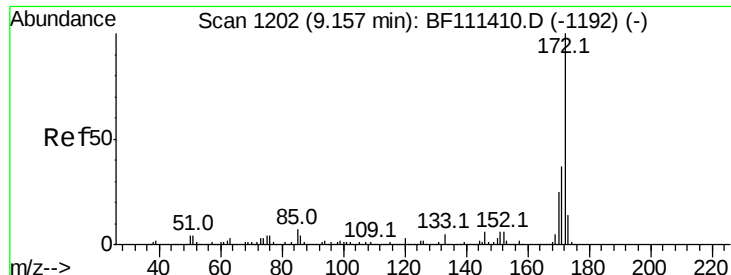
Ion 196.00 (195.70 to 196.70): E

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

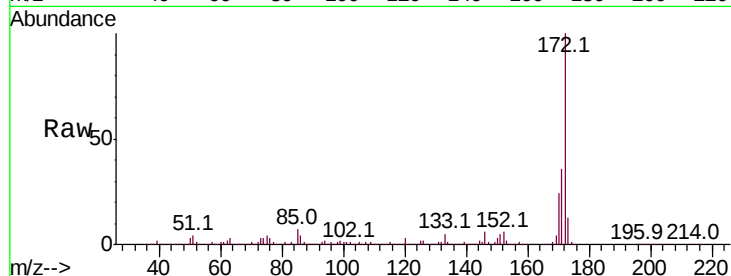




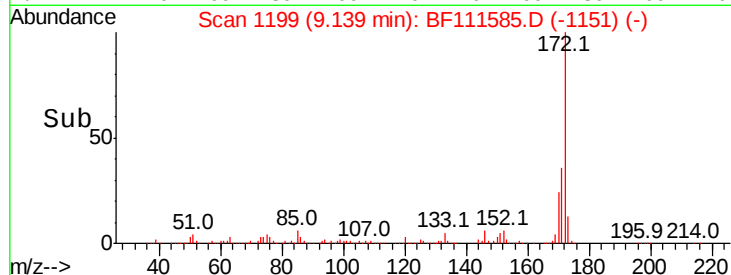
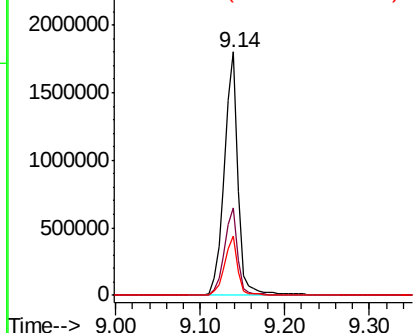
#45
2-Fluorobiphenyl
Concen: 75.056 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2036703
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 24.3 22.3 33.5

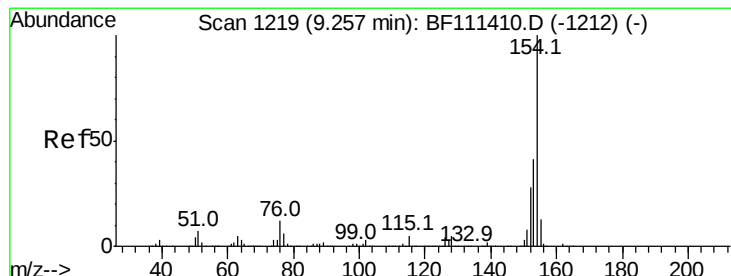


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

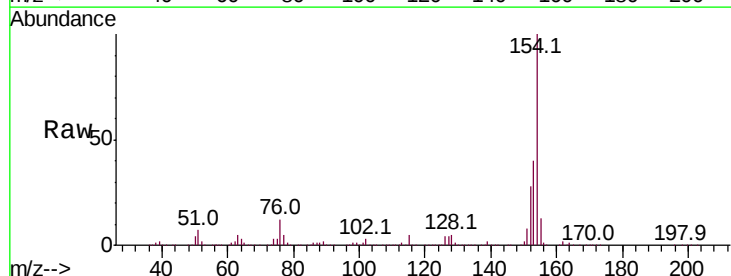
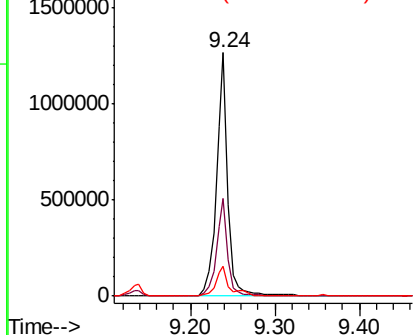


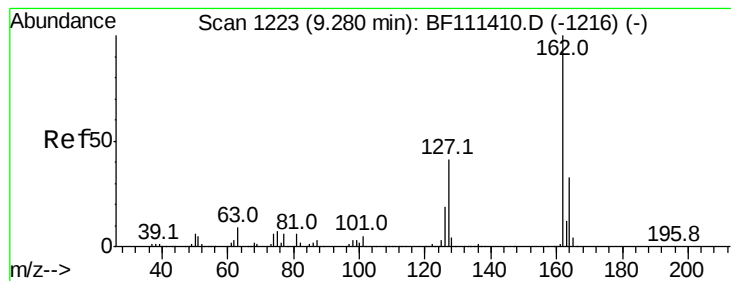
#46
1,1'-Biphenyl
Concen: 34.185 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

ClientSampled :

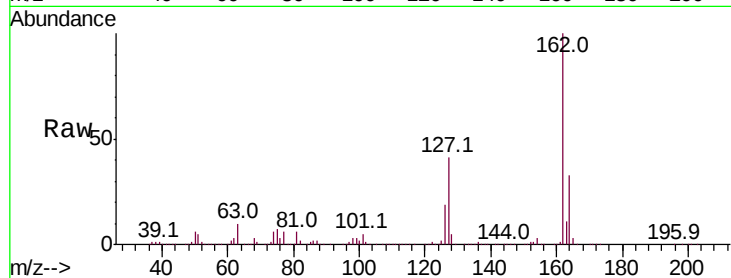
Tot Ion:162 Resp: 963912

Ion Ratio Lower Upper

162 100

127 40.7 35.0 52.4

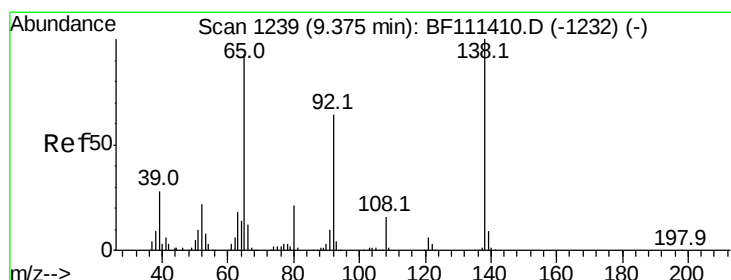
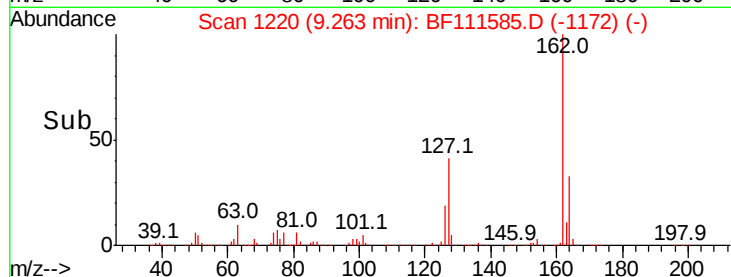
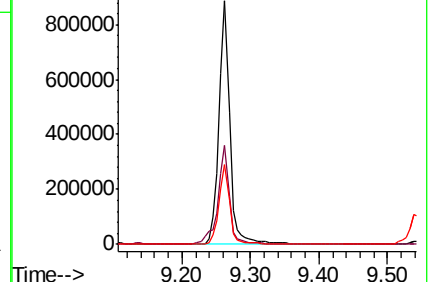
164 33.0 28.4 42.6



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

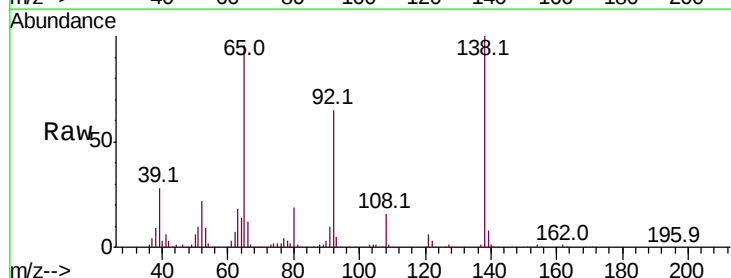
Tgt Ion: 65 Resp: 296612

Ion Ratio Lower Upper

65 100

92 68.0 53.5 80.3

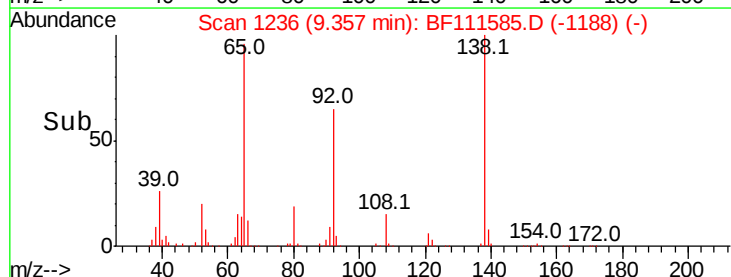
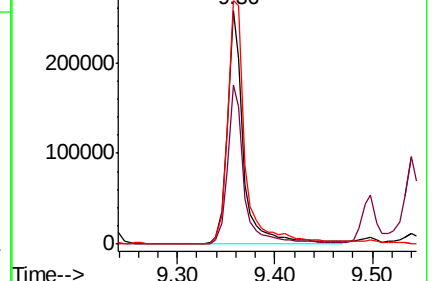
138 104.3 80.9 121.3

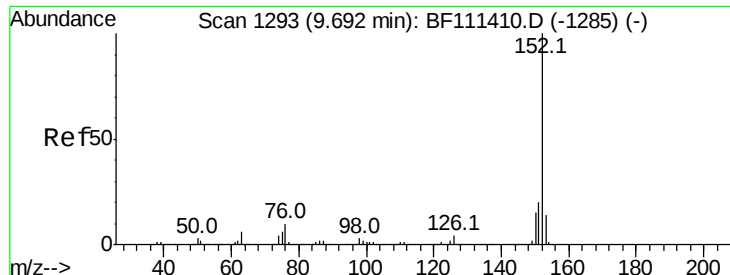


Abundance Ion 65.00 (64.70 to 65.70): BF1

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 :

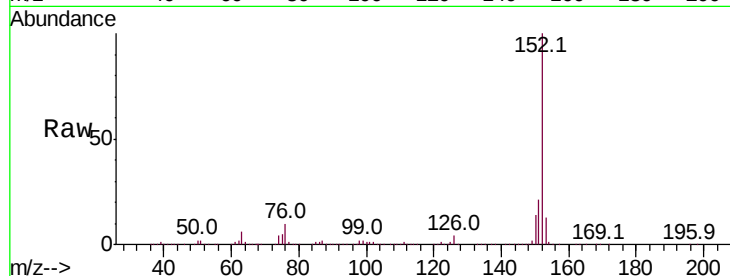
Tot Ion:152 Resp: 1563901

Ion Ratio Lower Upper

152 100

151 20.5 18.0 27.0

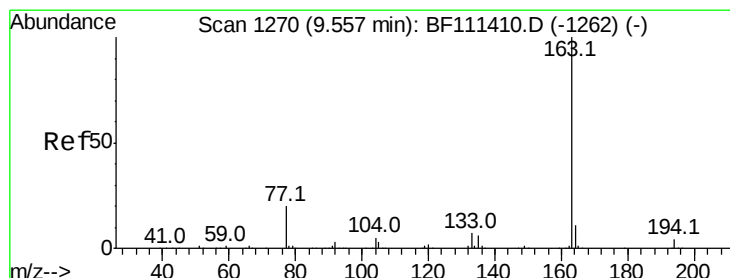
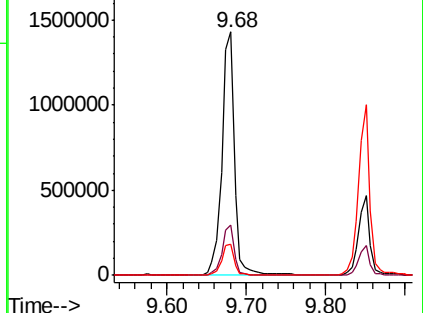
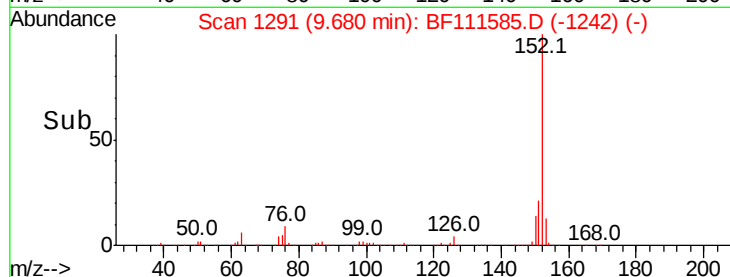
153 13.0 12.3 18.5



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

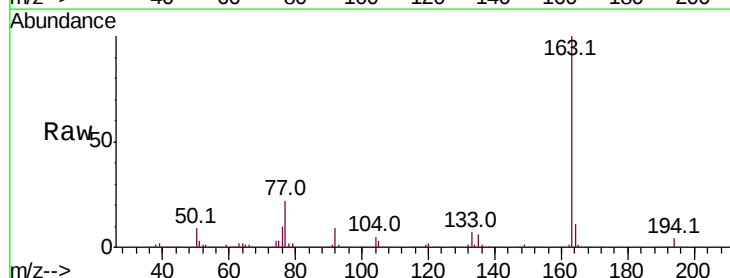
Tgt Ion:163 Resp: 1168690

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

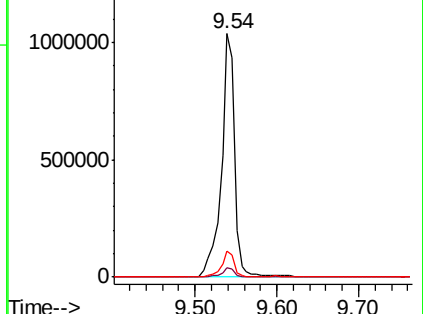
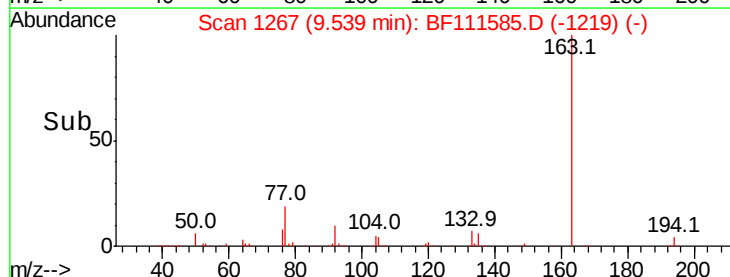
164 10.6 8.9 13.3

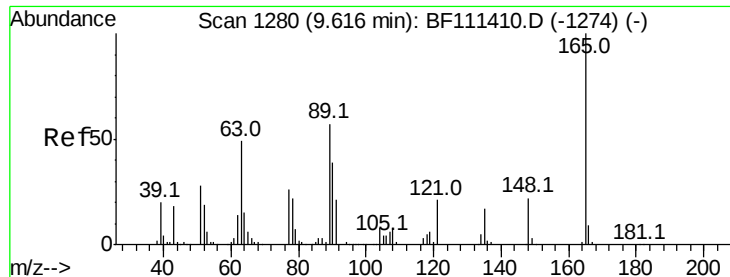


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

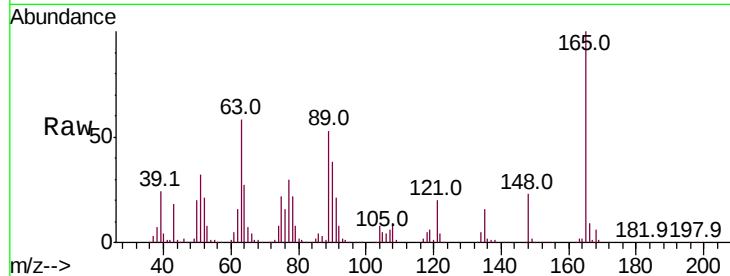




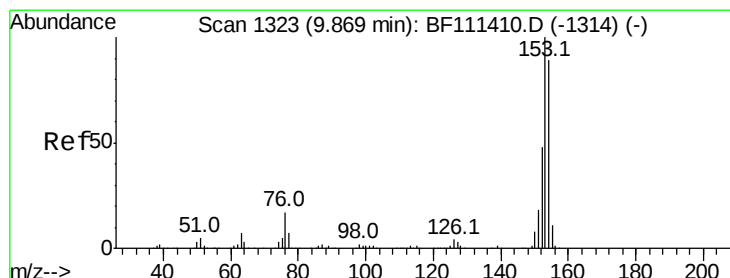
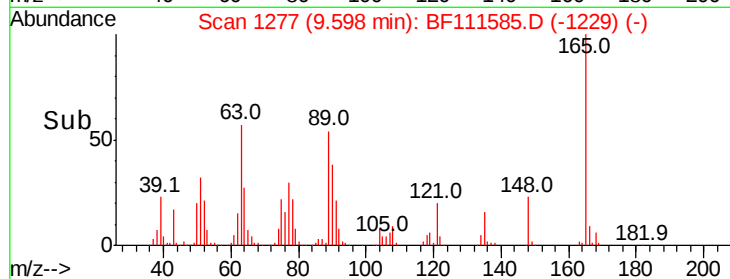
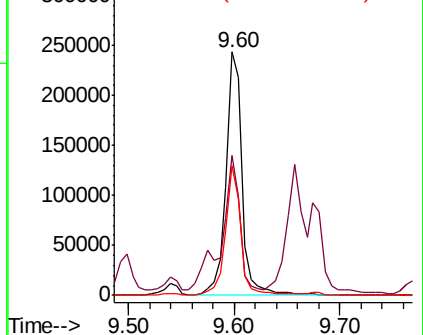
#51
 2,6-Dinitrotoluene
 Concen: 37.667 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	40.5	60.7
89	53.5	40.0	60.0

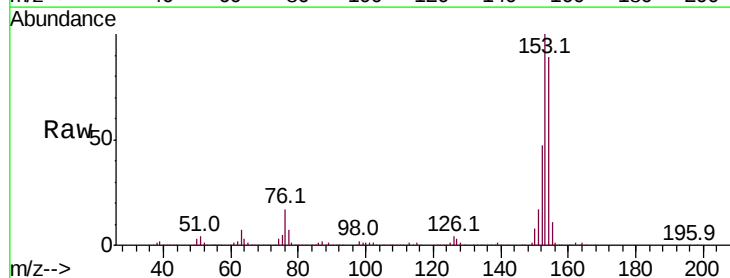


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

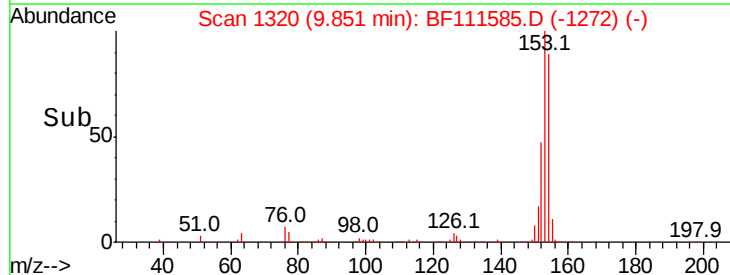
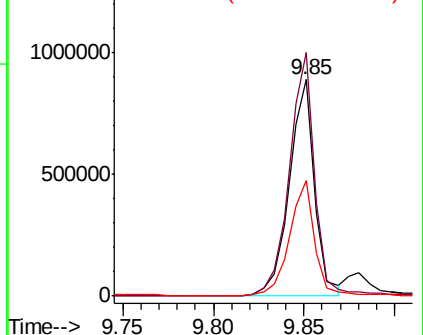


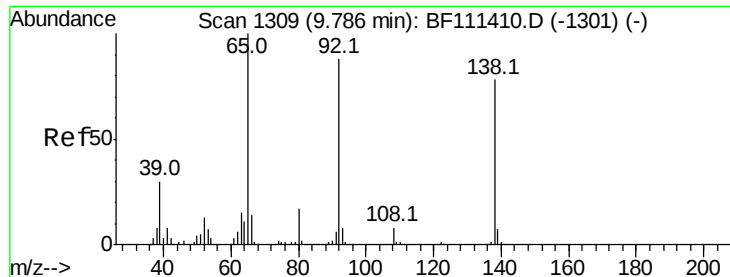
#52
 Acenaphthene
 Concen: 34.242 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	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

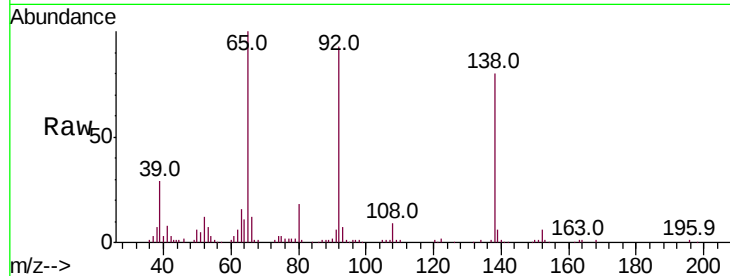




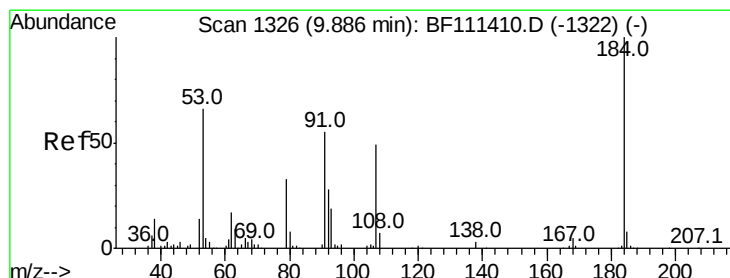
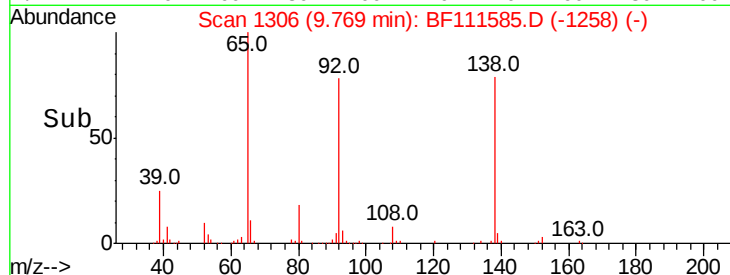
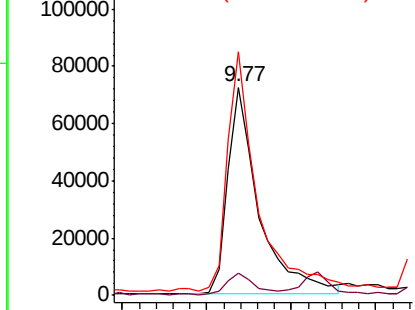
#53
3-Nitroaniline
Concen: 11.297 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 93238
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 117.2 93.4 140.2

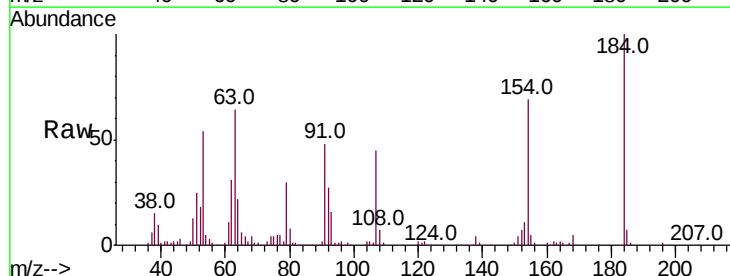


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

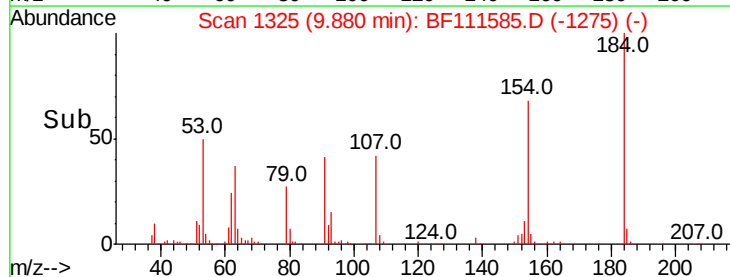
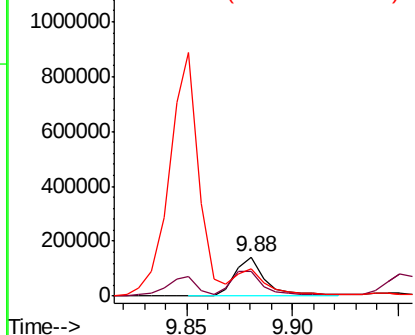


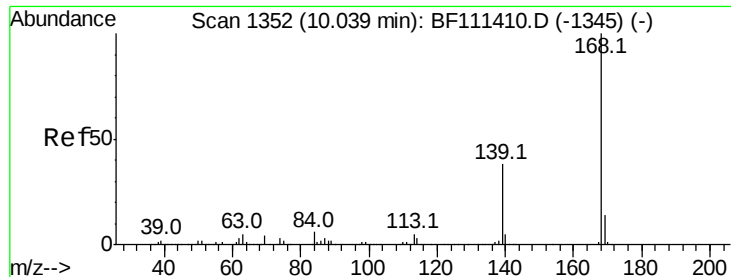
#54
2,4-Dinitrophenol
Concen: 55.164 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

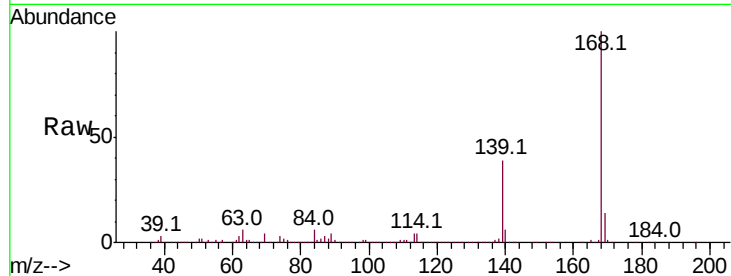




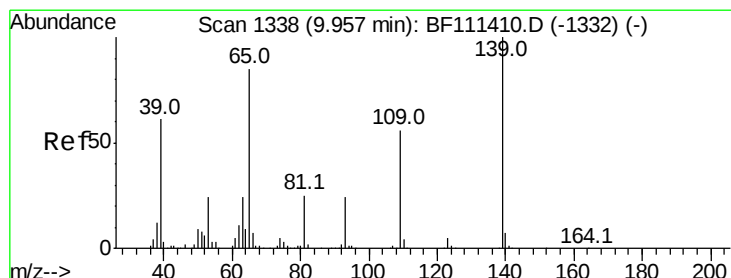
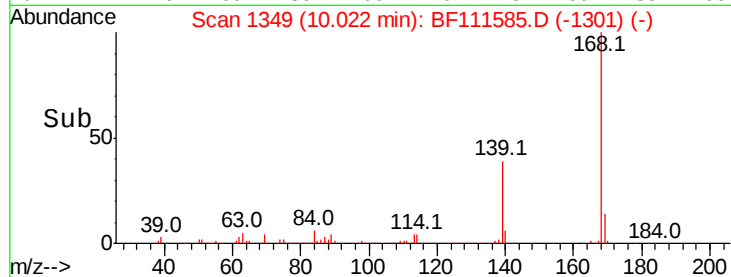
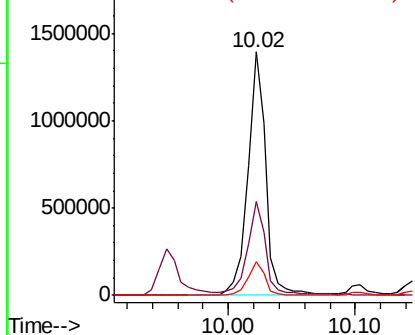
#55
Dibenzofuran
Concen: 37.159 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

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

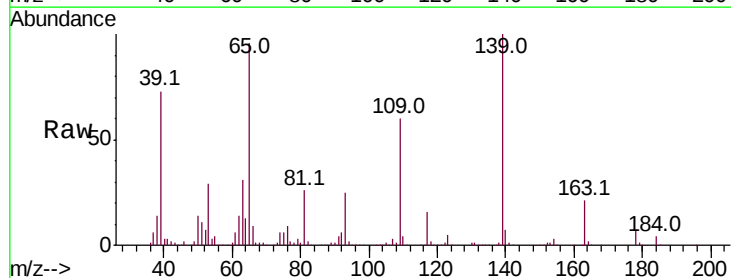


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

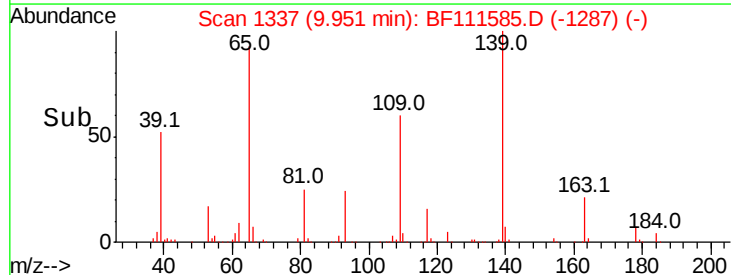
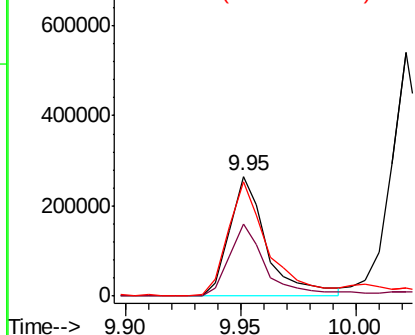


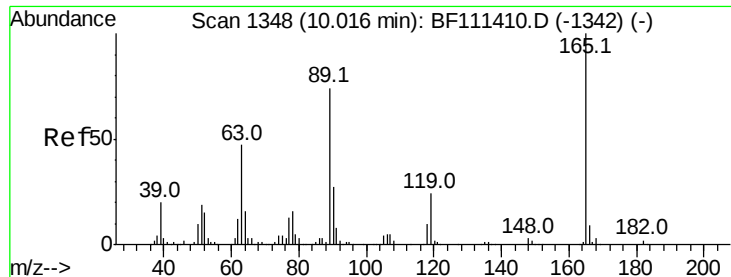
#56
4-Nitrophenol
Concen: 52.483 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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



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

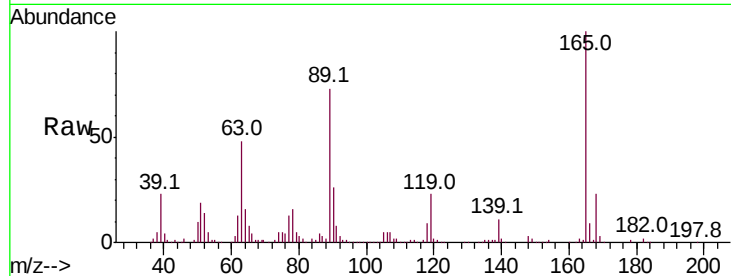




#57
2,4-Dinitrotoluene
Concen: 36.577 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampled :

Tot 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



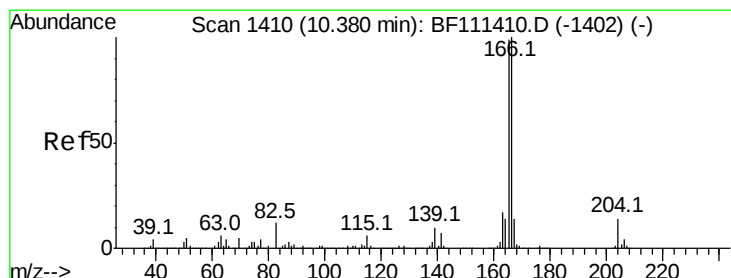
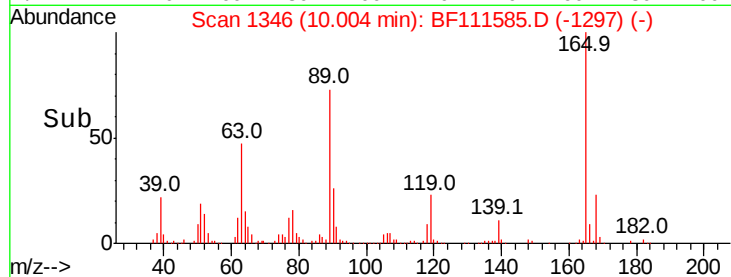
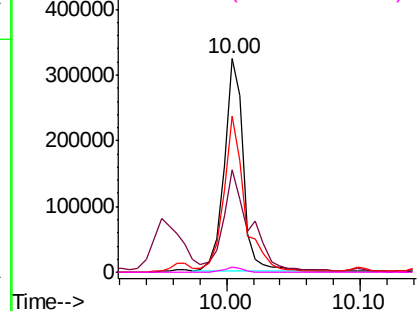
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

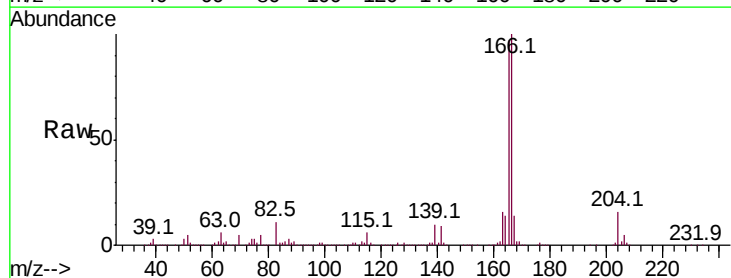
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 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

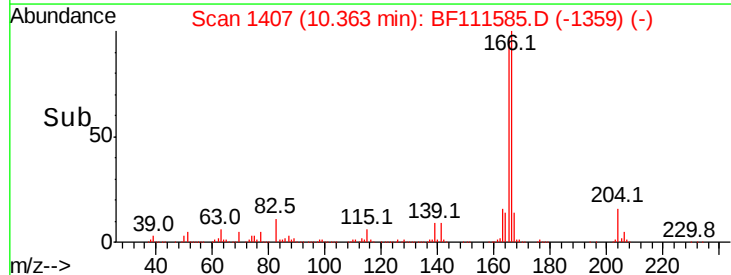
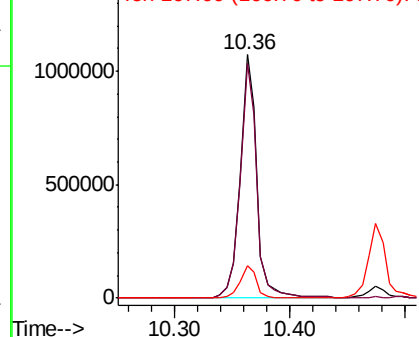


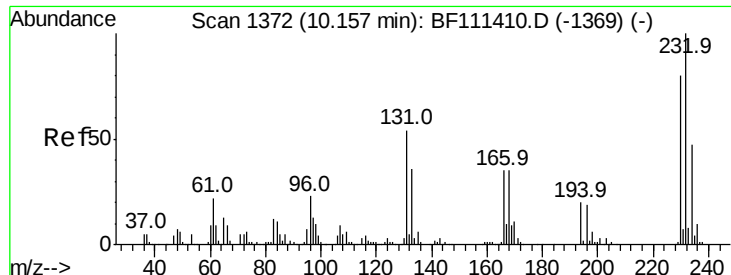
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

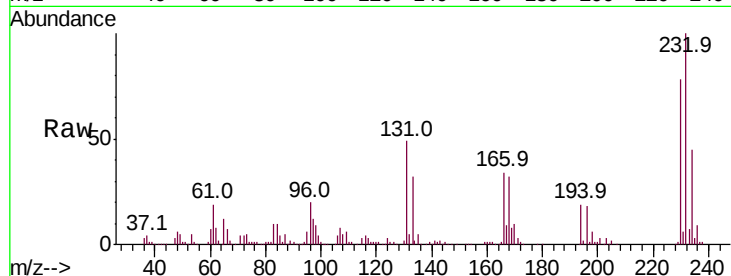




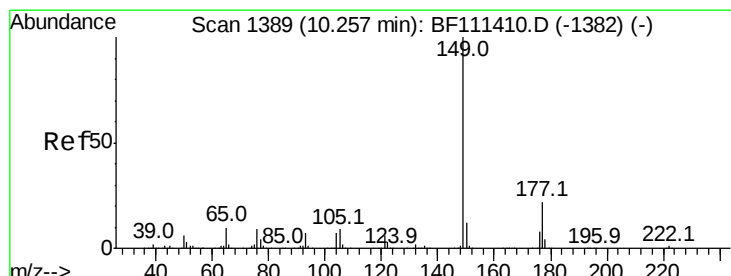
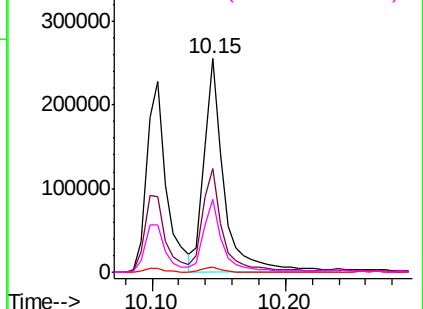
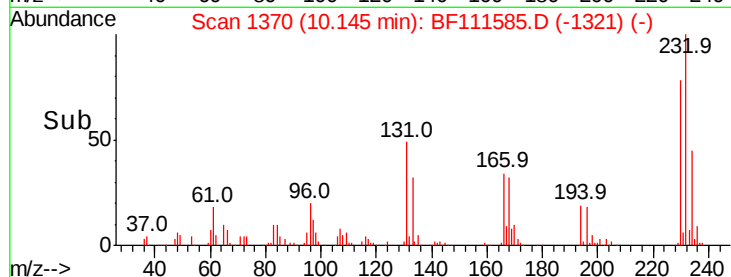
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.359 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

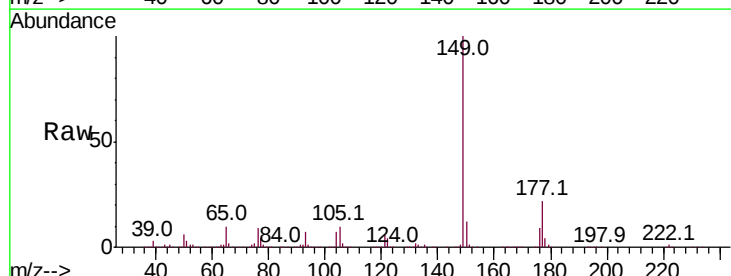


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

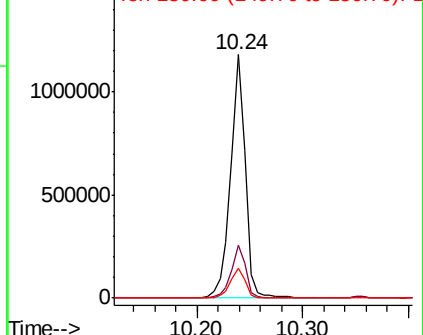
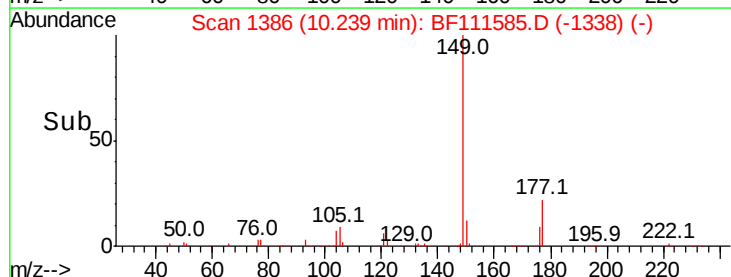


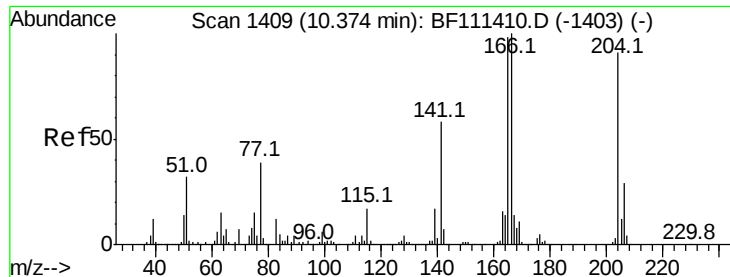
#60
 Diethylphthalate
 Concen: 37.331 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

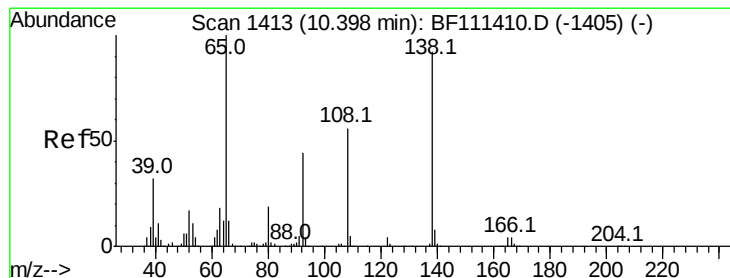
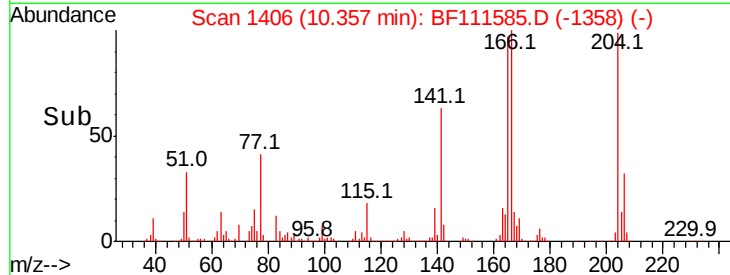
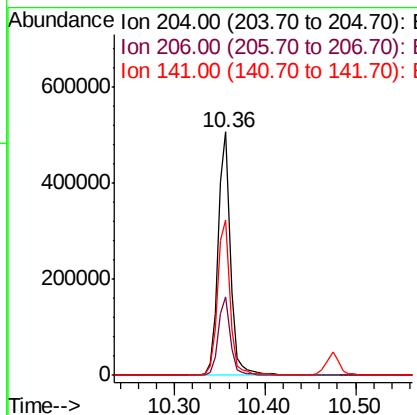
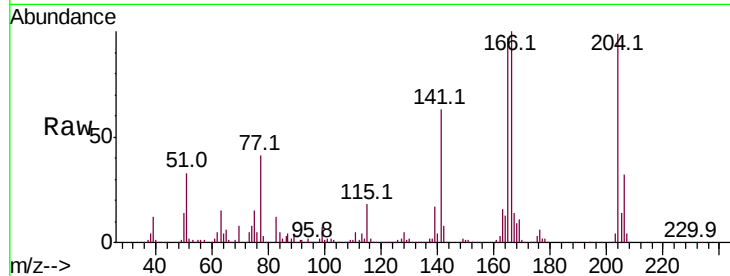




#61
 4-Chlorophenyl-phenylether
 Concen: 36.507 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

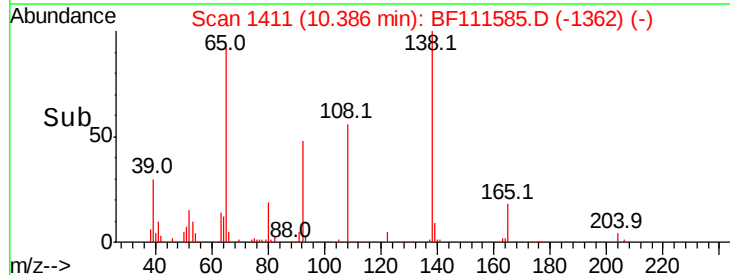
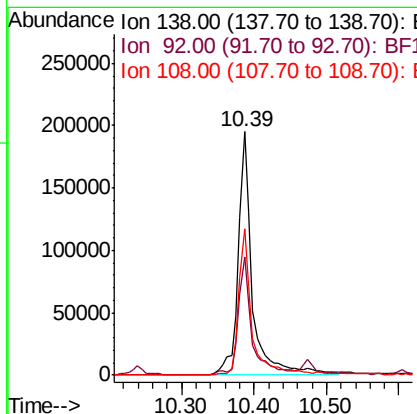
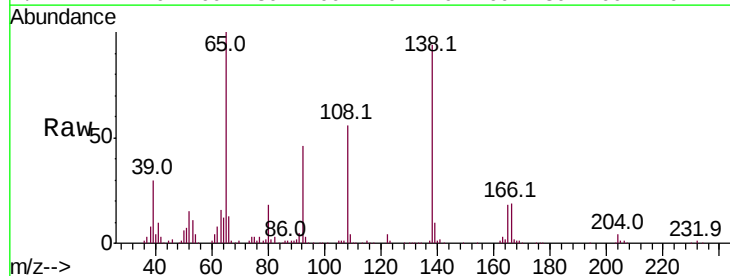
Instrument :
 BNA_F
 ClientSampleId :

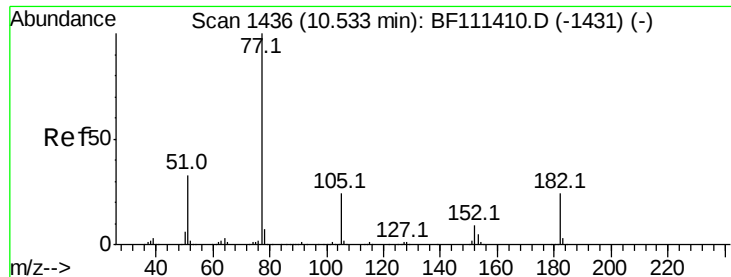
Tot Ion:	204	Resp:	476276
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	63.8	52.6	78.8



#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

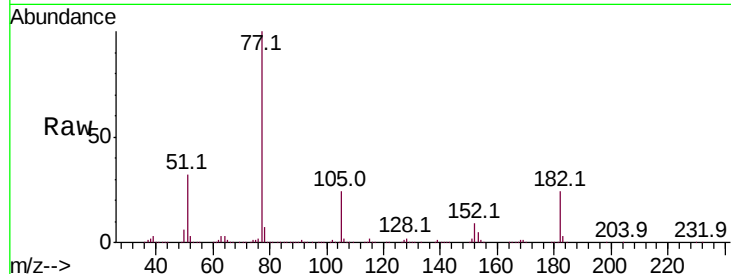




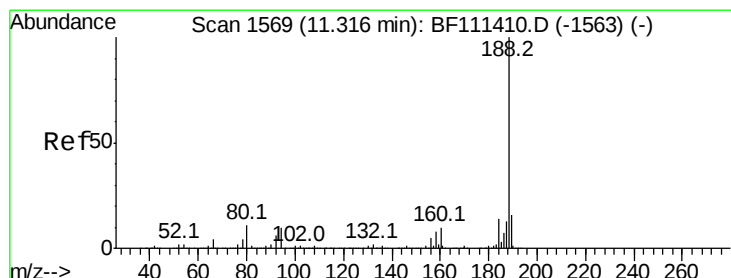
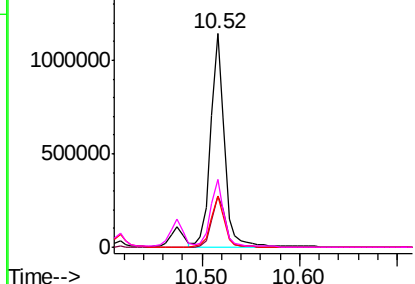
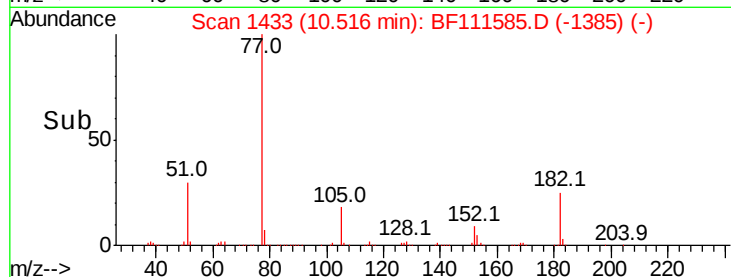
#63
Azobenzene
Concen: 36.925 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot 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

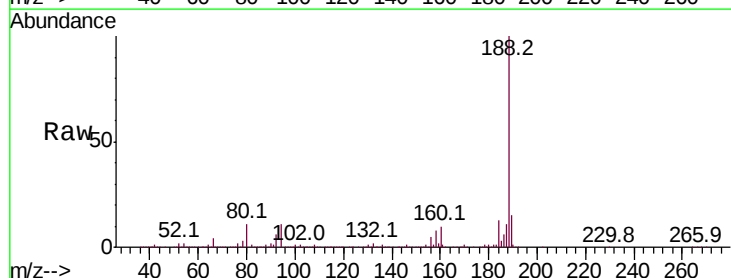


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

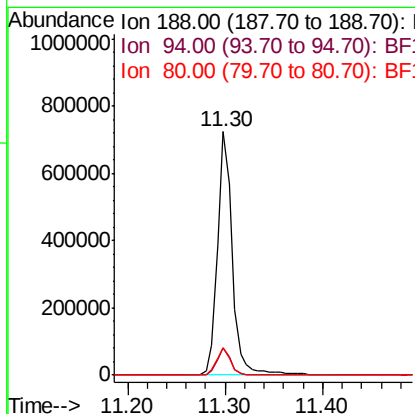
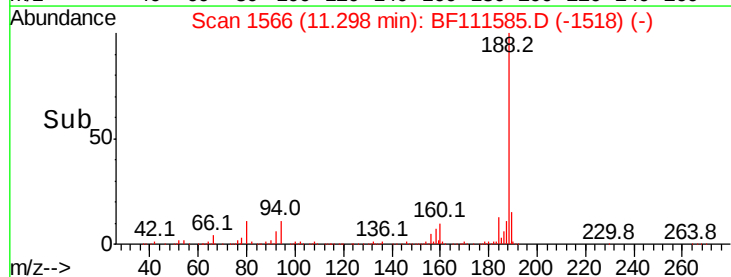


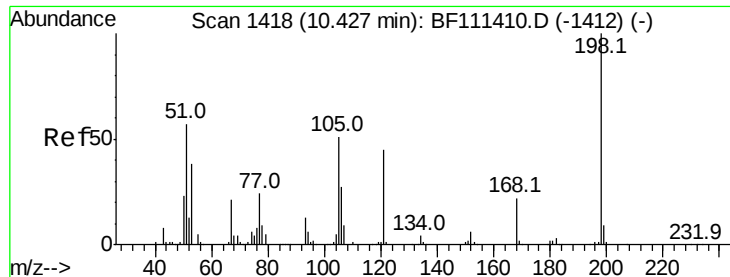
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

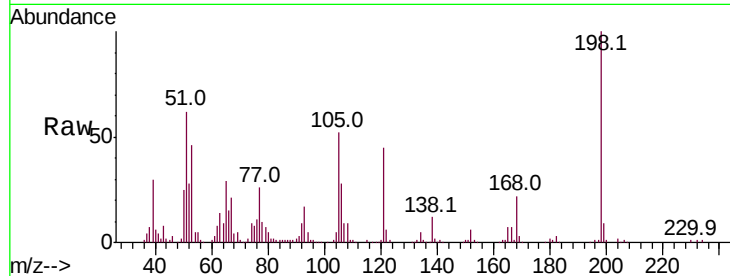




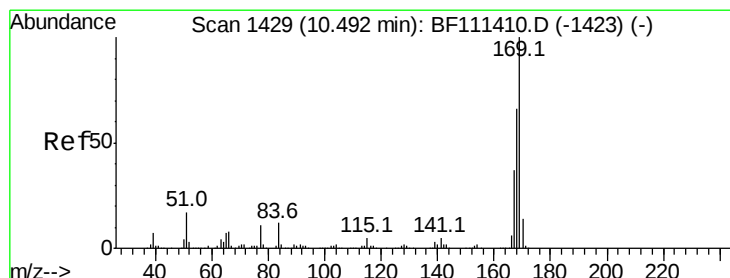
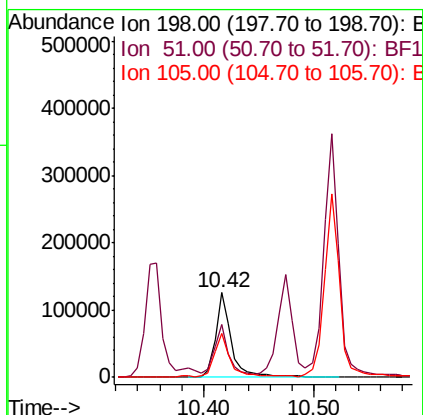
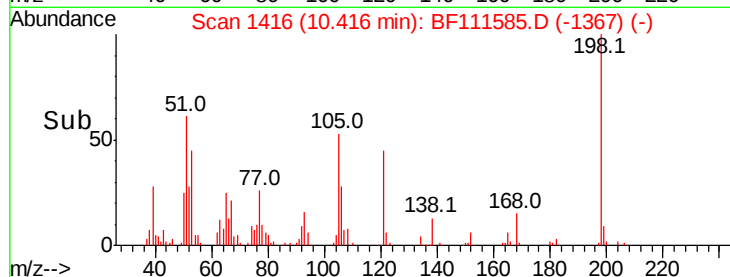
#65
4,6-Dinitro-2-methylphenol
Concen: 29.094 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampled :

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

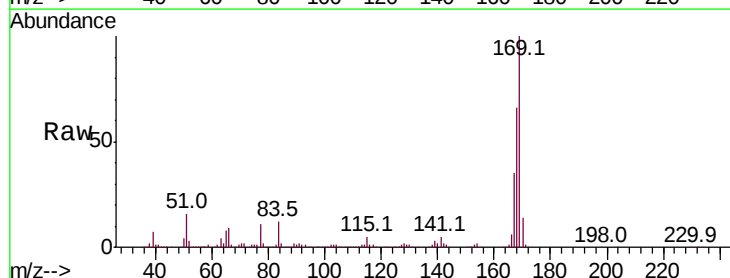


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

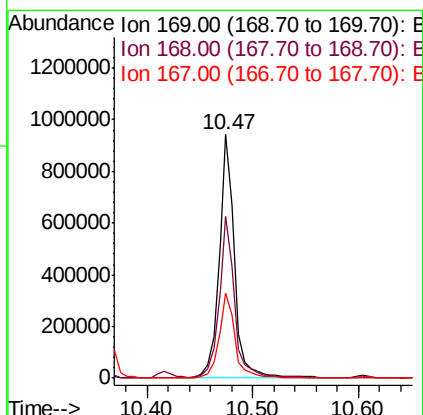
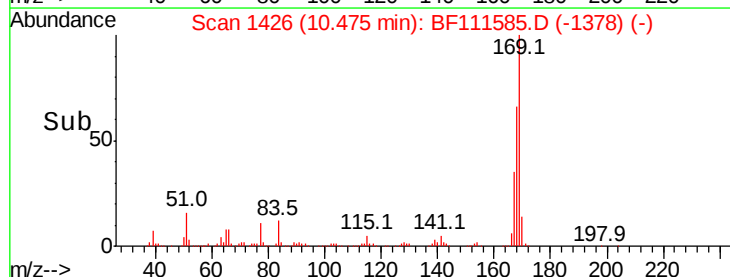


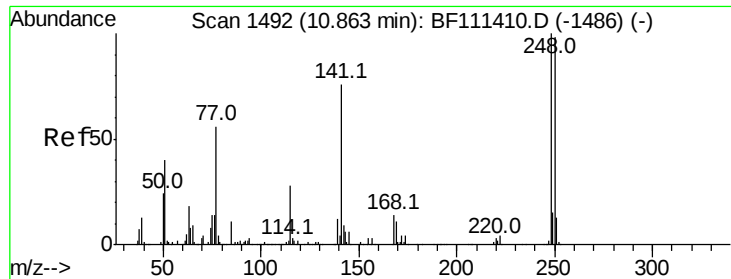
#66
n-Nitrosodiphenylamine
Concen: 36.510 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

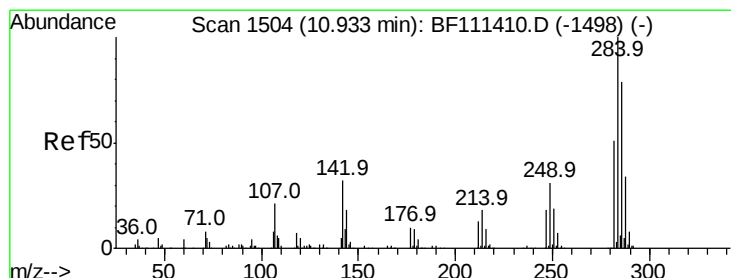
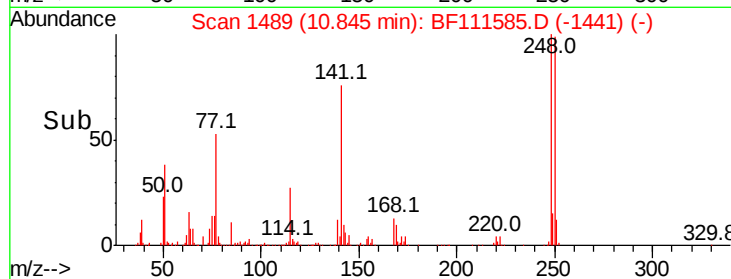
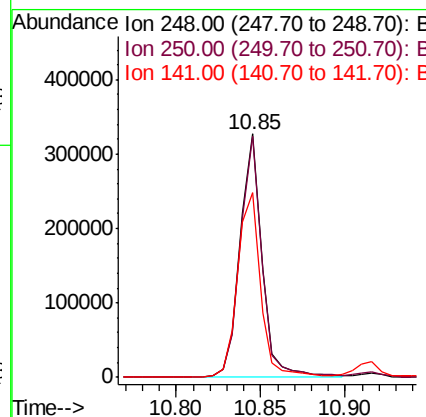
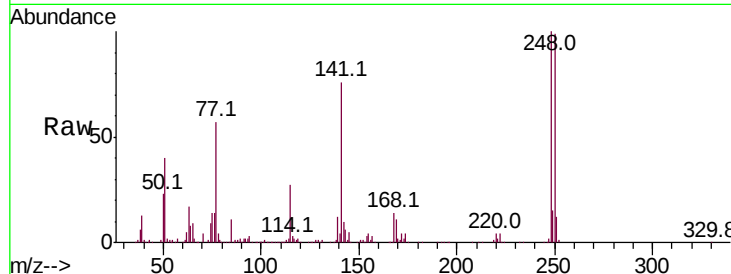
Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 297149

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.0	115.4
141	76.1	63.0	94.6



#68

Hexachlorobenzene

Concen: 36.098 ng

RT: 10.92 min Scan# 1501

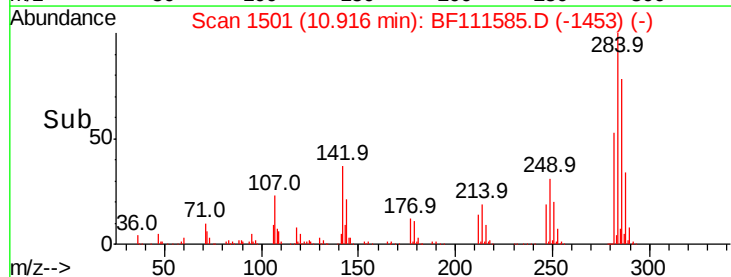
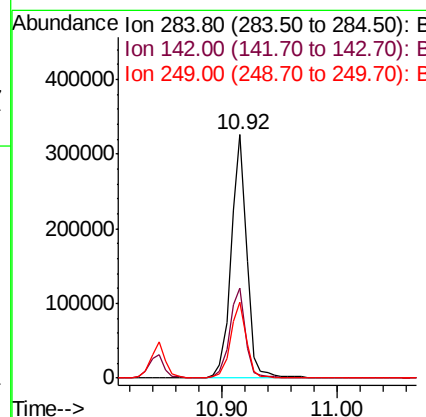
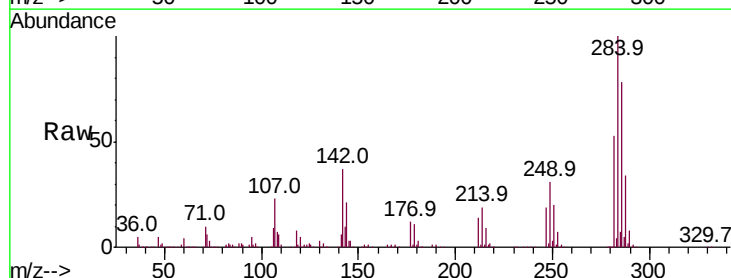
Delta R.T. -0.02 min

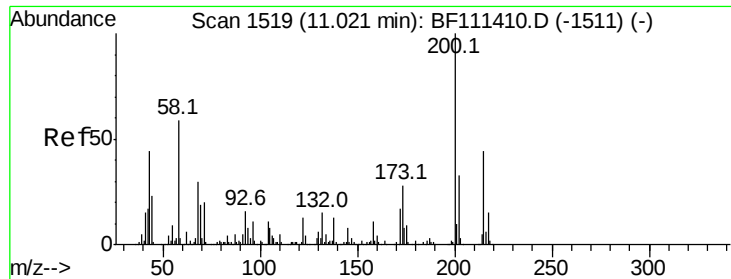
Lab File: BF111585.D

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

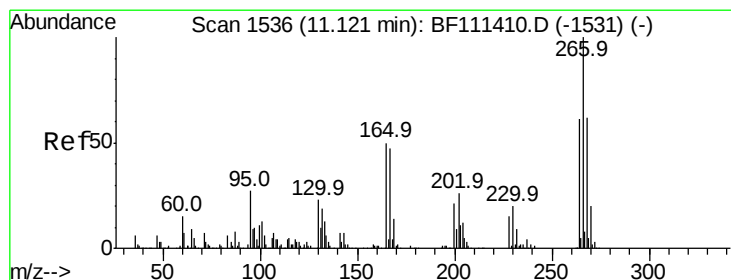
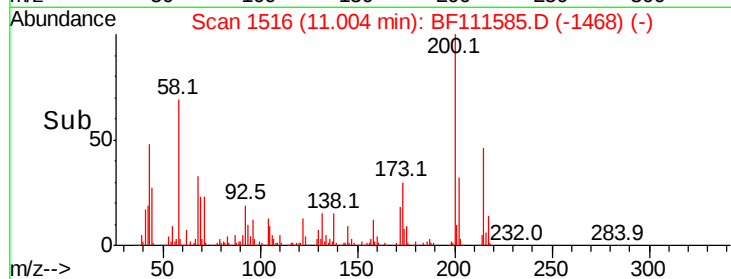
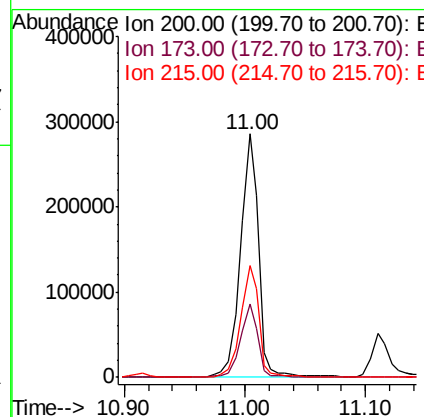
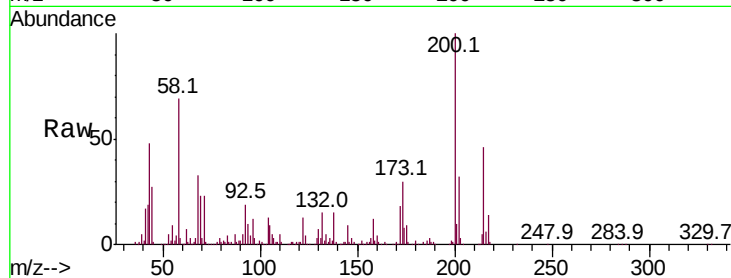




#69
Atrazine
Concen: 39.397 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

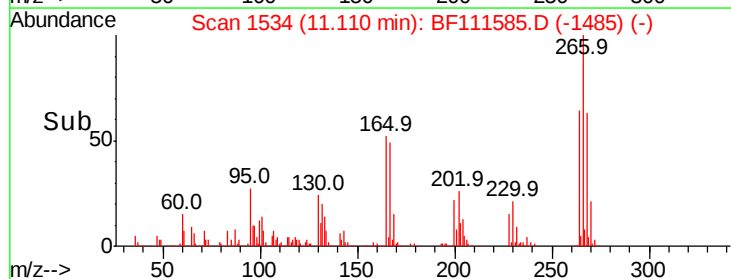
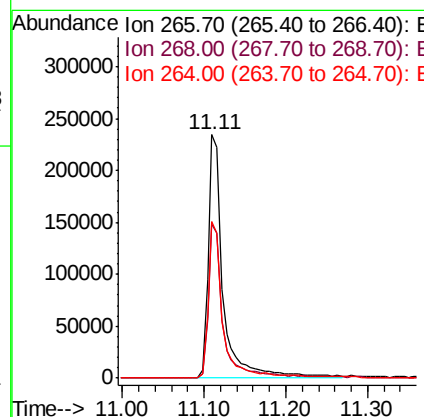
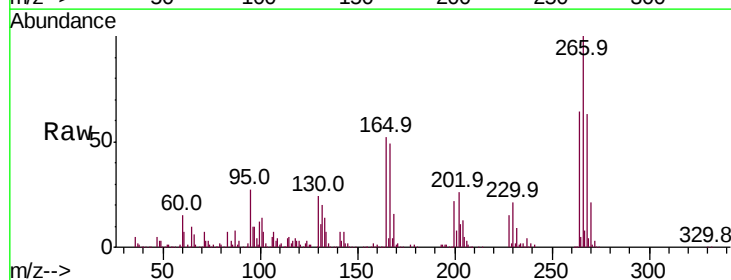
Instrument :
BNA_F
ClientSampleId :

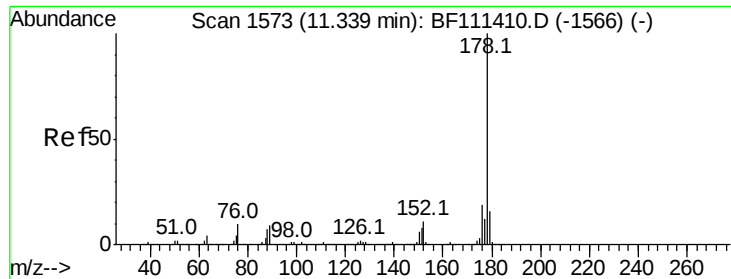
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	10.1	50.1
215	45.8	26.9	66.9



#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

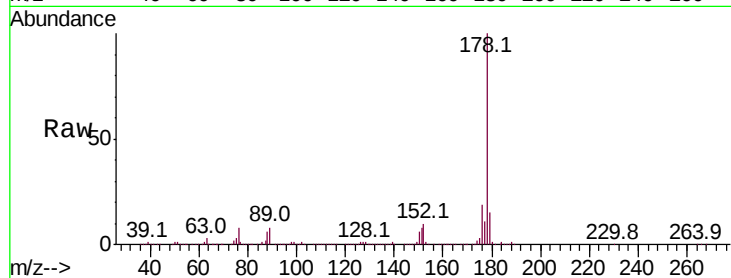




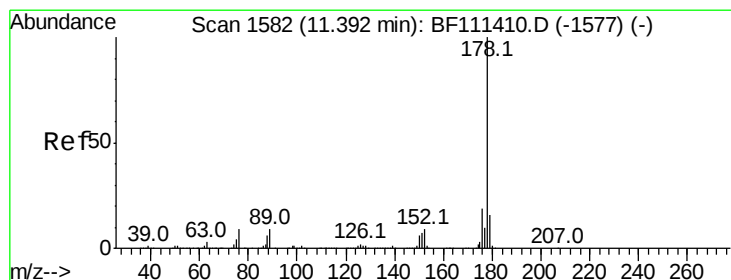
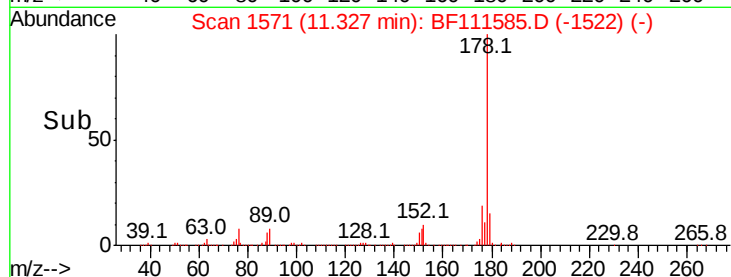
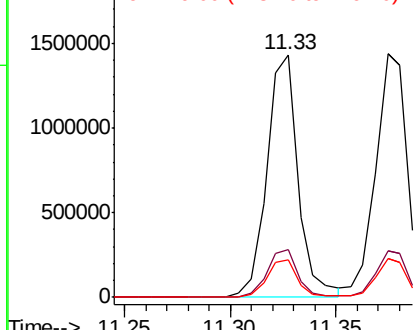
#71
Phenanthrene
Concen: 37.504 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

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

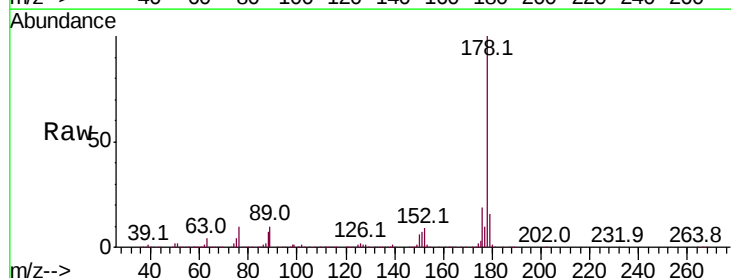


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

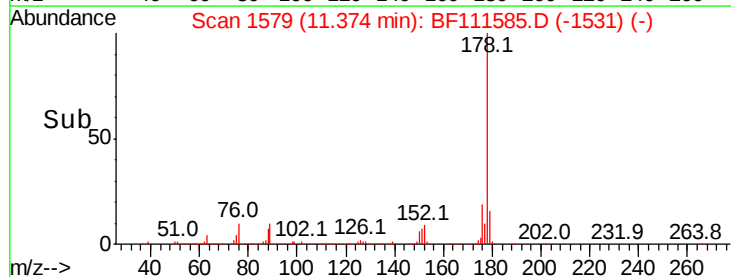
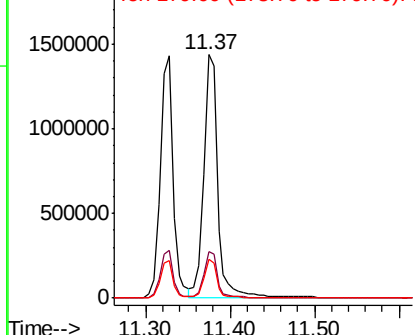


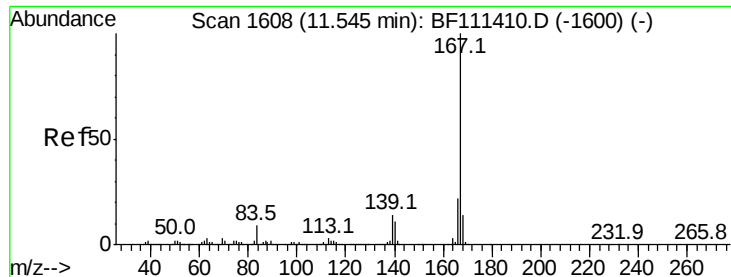
#72
Anthracene
Concen: 40.921 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

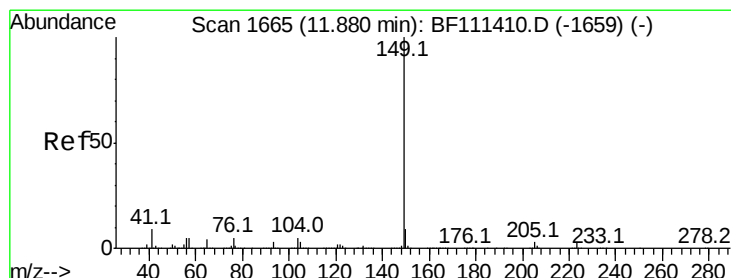
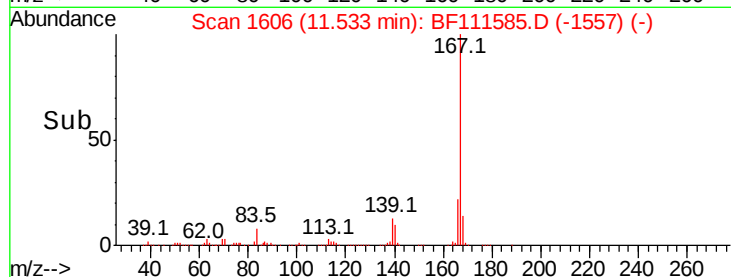
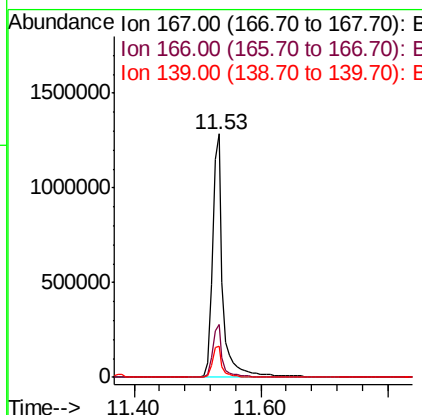
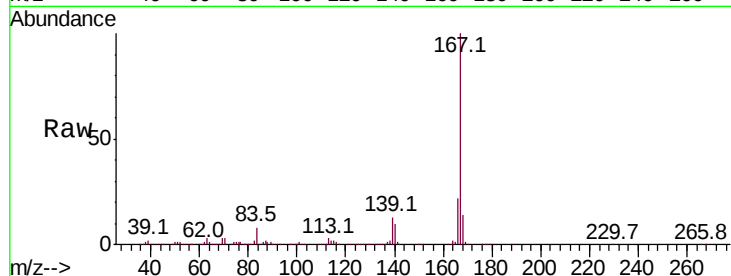




#73
 Carbazole
 Concen: 36.162 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

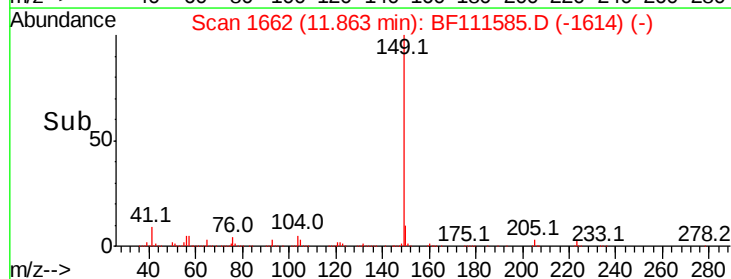
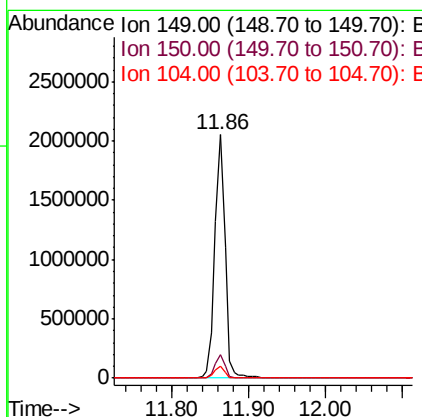
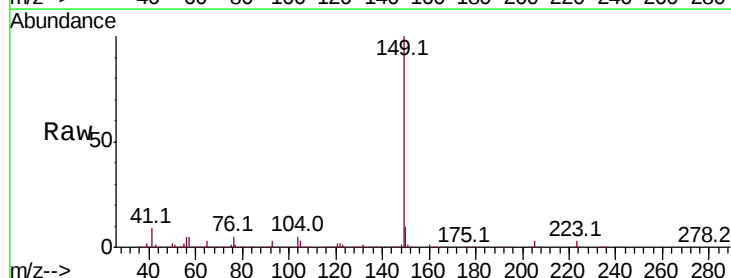
Instrument :
 BNA_F
 ClientSampleId :

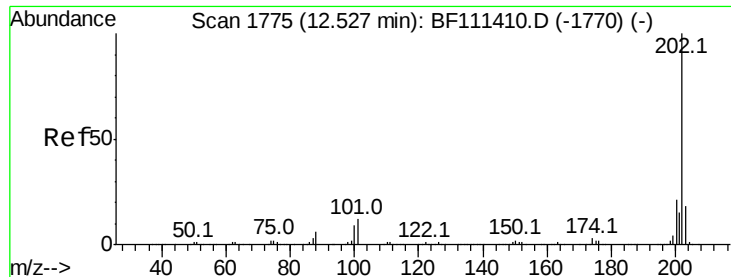
Tot Ion:167 Resp: 1510566
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 12.9 11.9 17.9



#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

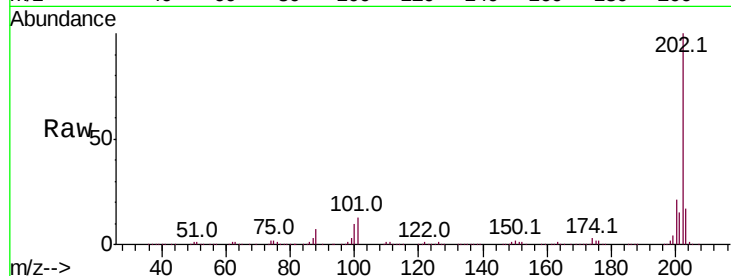




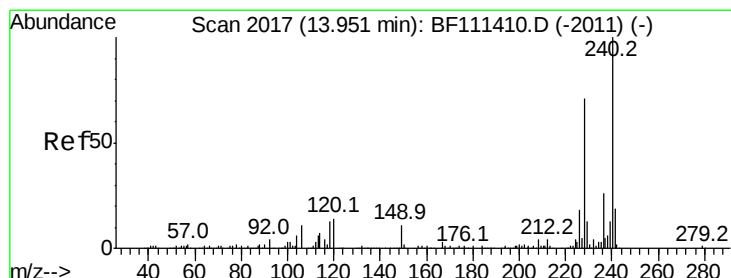
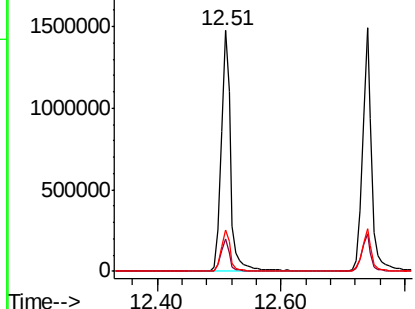
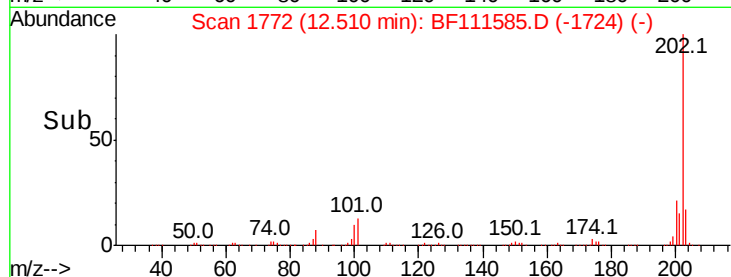
#75
 Fluoranthene
 Concen: 40.518 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

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

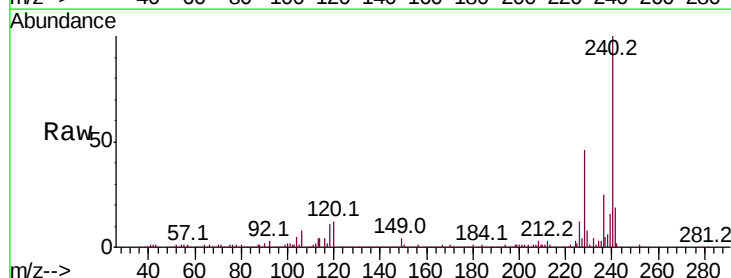


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

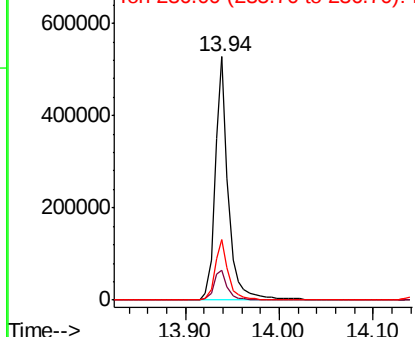
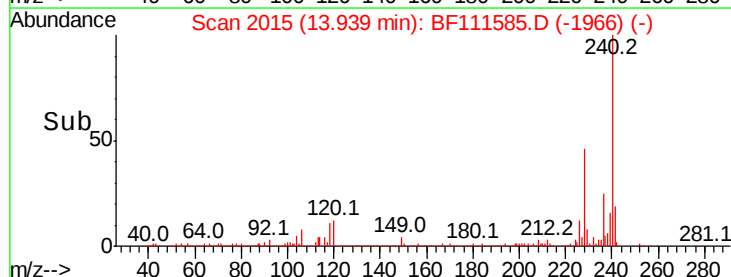


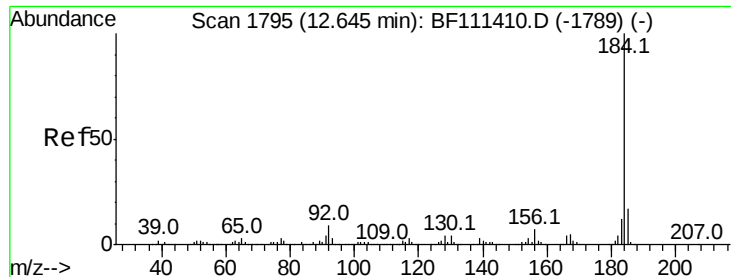
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

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 :

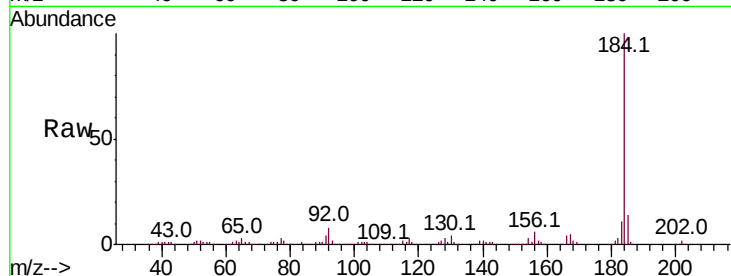
Tot Ion:184 Resp: 364504

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

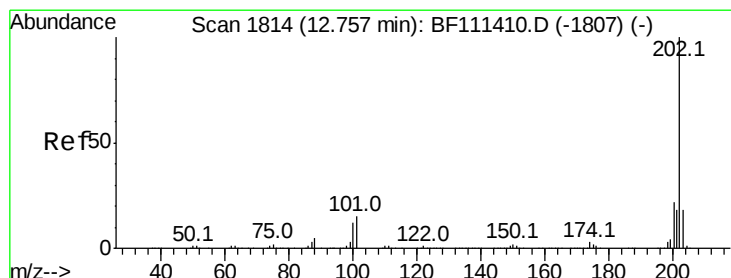
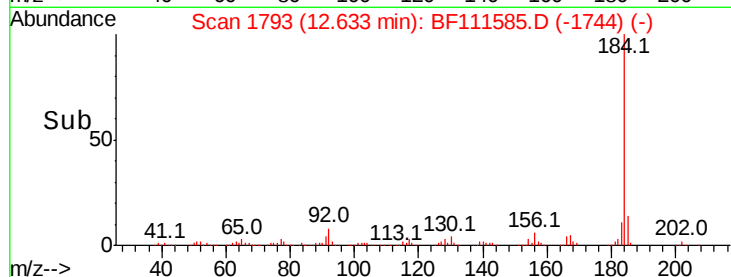
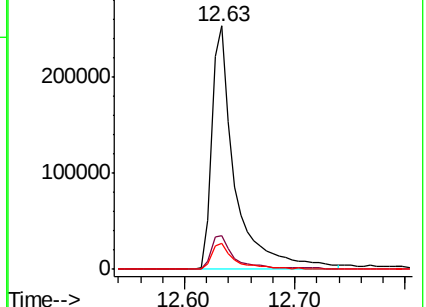
183 10.9 9.3 13.9



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

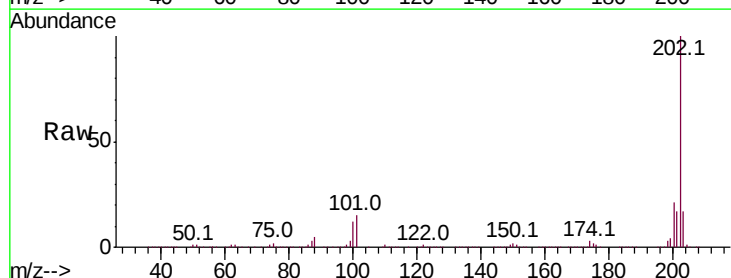
Tgt Ion:202 Resp: 1555794

Ion Ratio Lower Upper

202 100

200 21.1 19.0 28.4

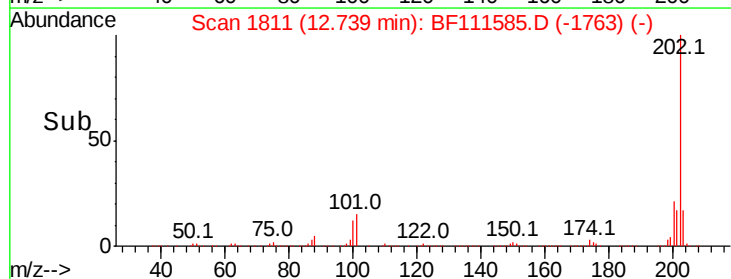
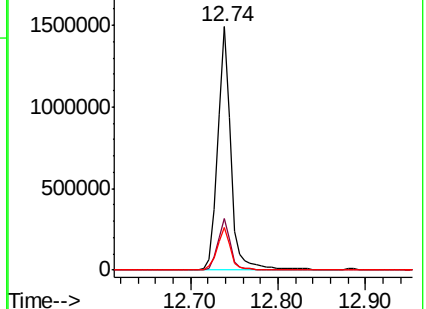
203 17.3 15.2 22.8

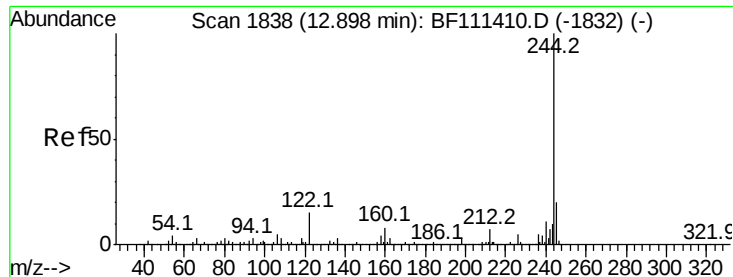


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

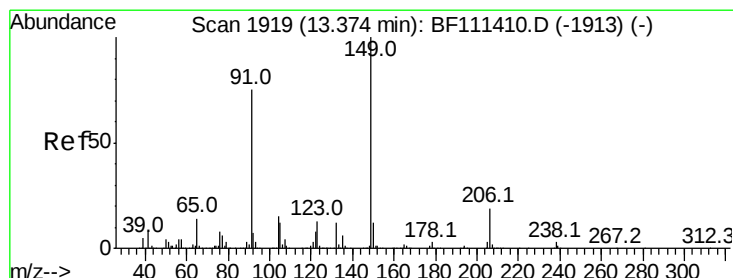
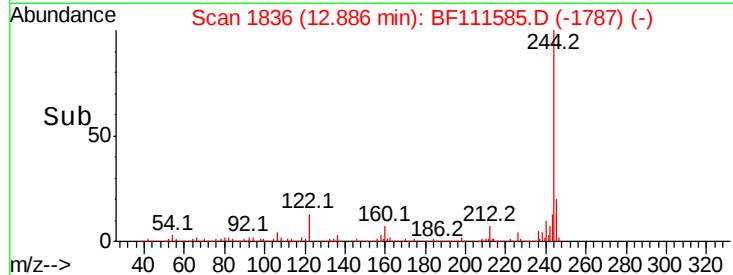
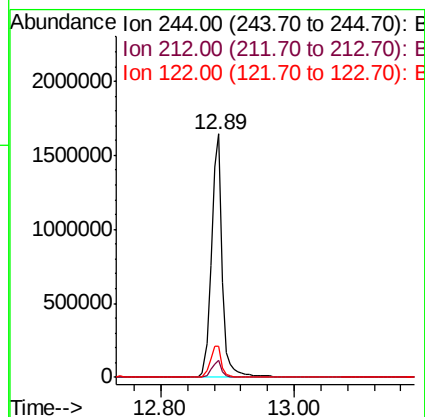
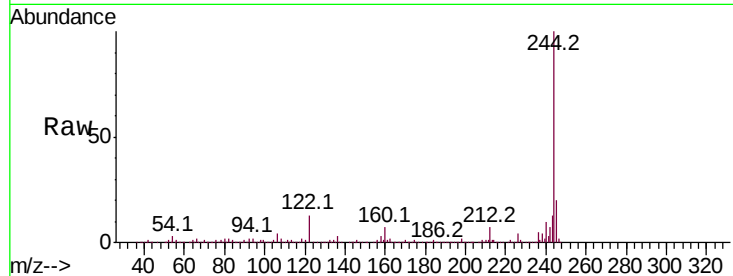




#79
 Terphenyl-d14
 Concen: 83.968 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

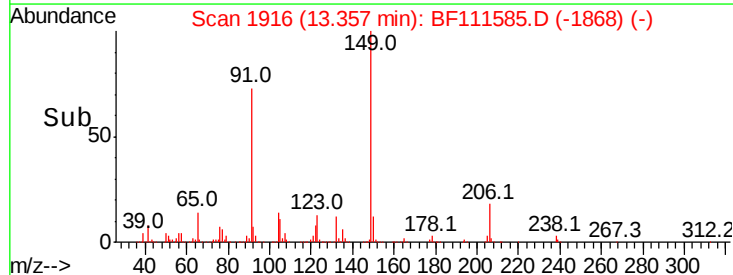
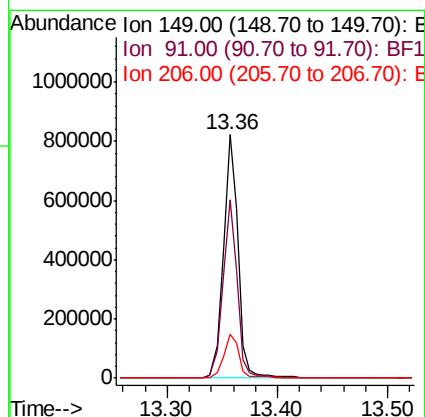
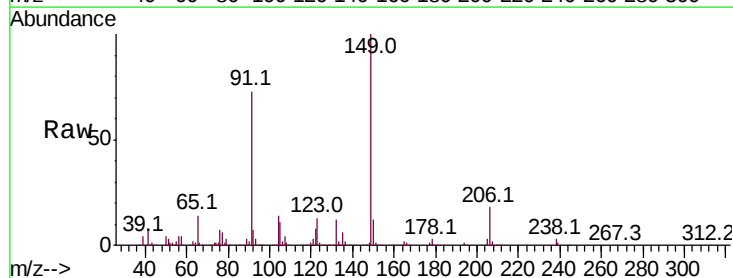
Instrument :
 BNA_F
 ClientSampleId :

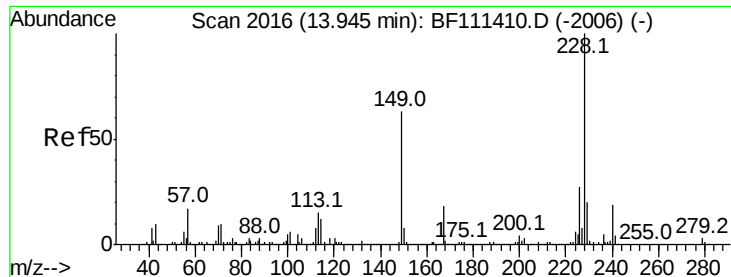
Tot Ion:244 Resp: 1850669
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.6 13.1 19.7#



#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





#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 :

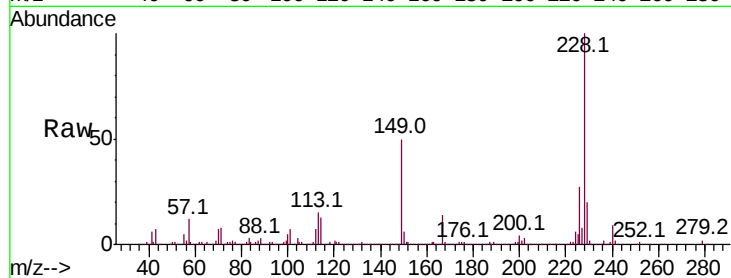
Tot Ion:228 Resp: 1042985

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

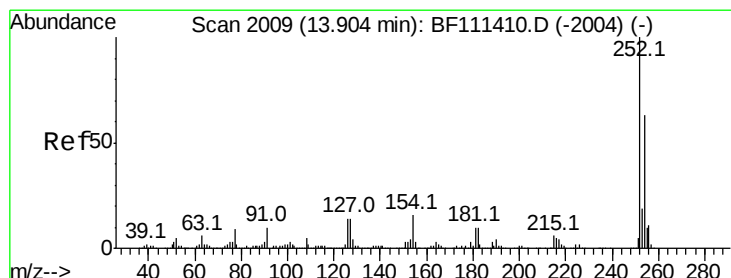
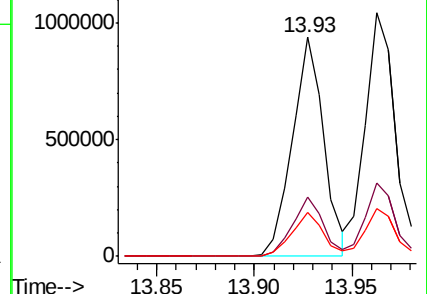
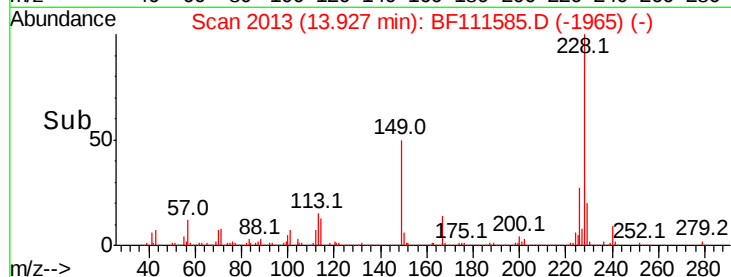
229 19.9 16.3 24.5



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

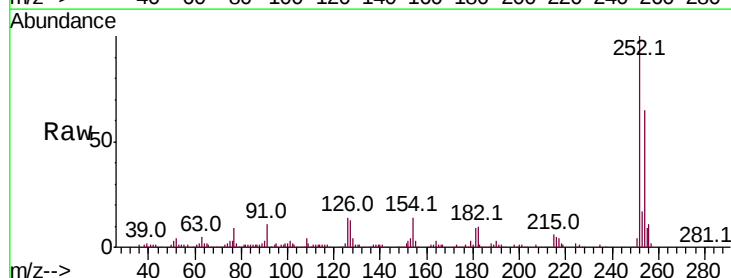
Tgt Ion:252 Resp: 199837

Ion Ratio Lower Upper

252 100

254 65.1 52.7 79.1

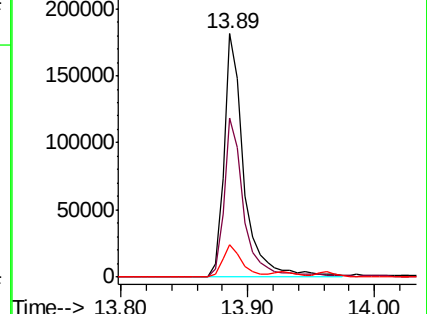
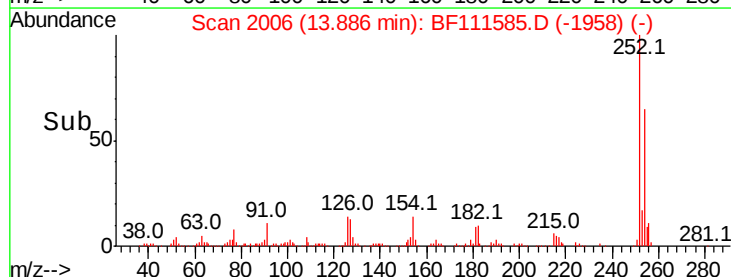
126 13.6 11.1 16.7

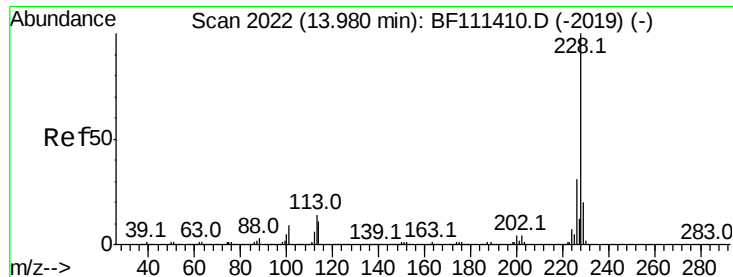


Abundance Ion 252.00 (251.70 to 252.70): E

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

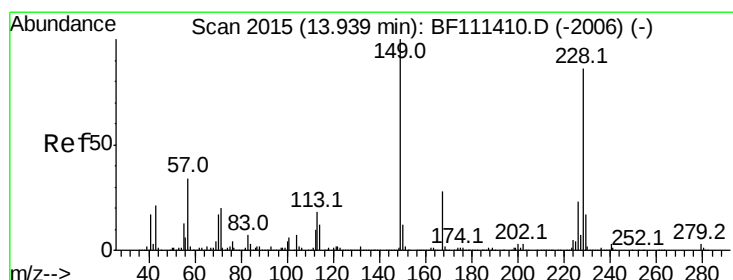
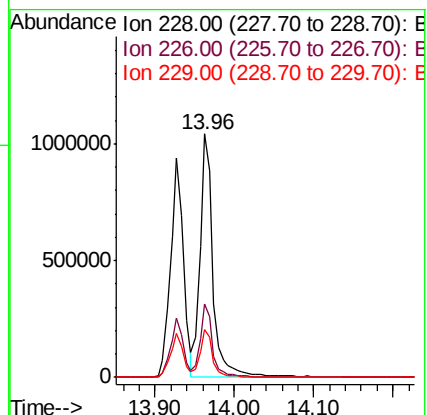
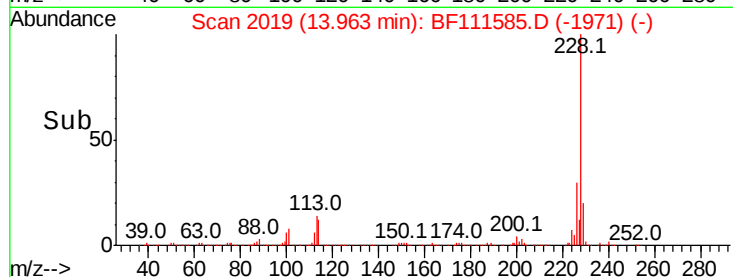
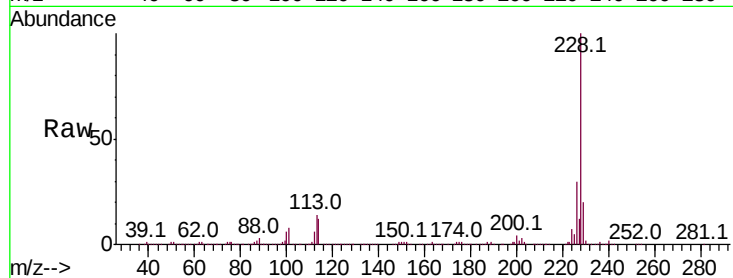
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1201745

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.3	37.9
229	19.9	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.323 ng

RT: 13.92 min Scan# 2012

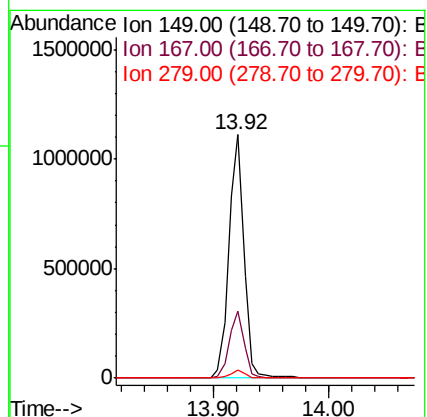
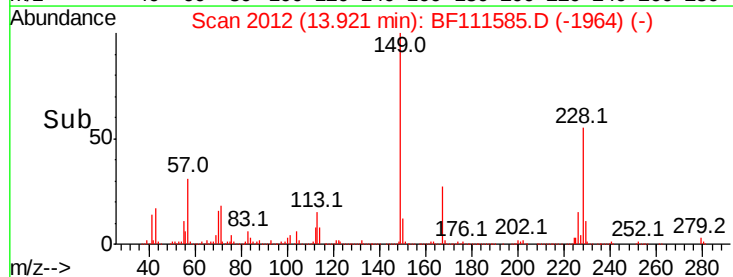
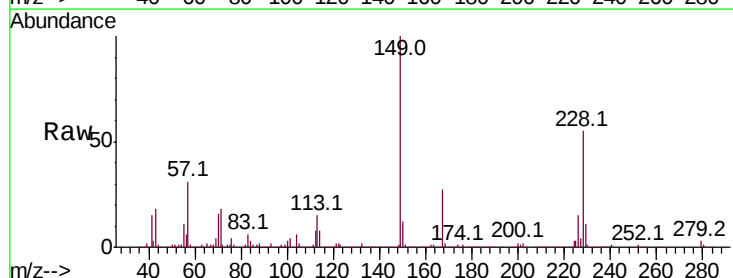
Delta R.T. -0.02 min

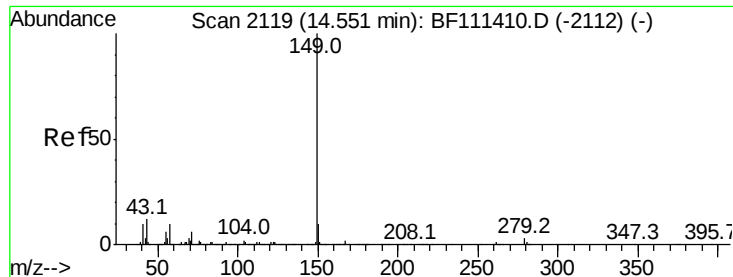
Lab File: BF111585.D

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





#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

ClientSampled :

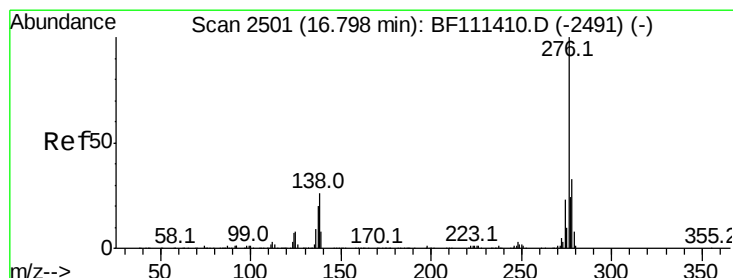
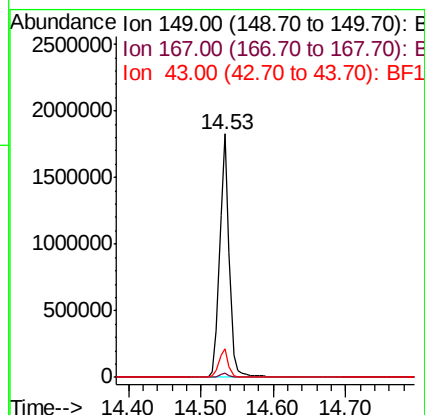
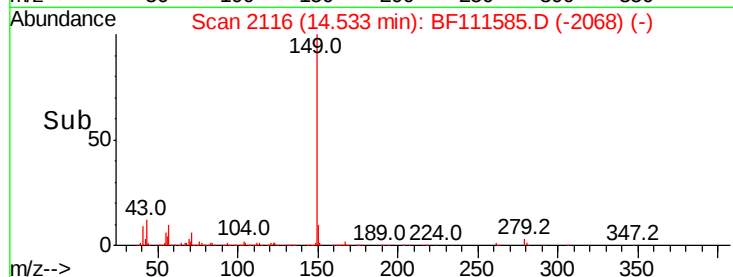
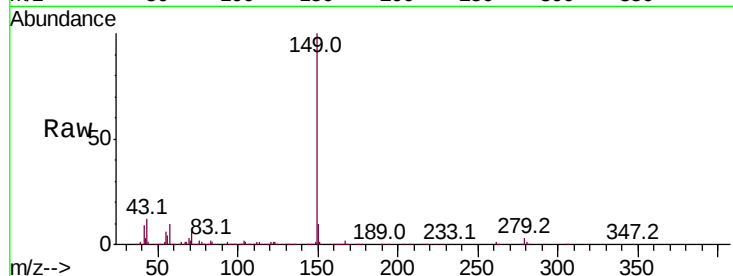
Tot Ion:149 Resp: 1656140

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

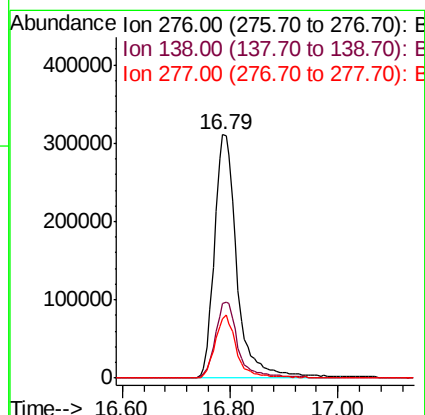
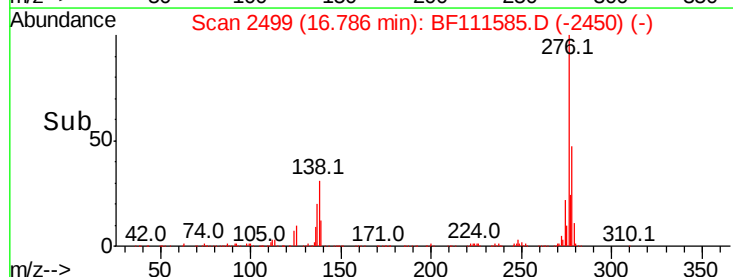
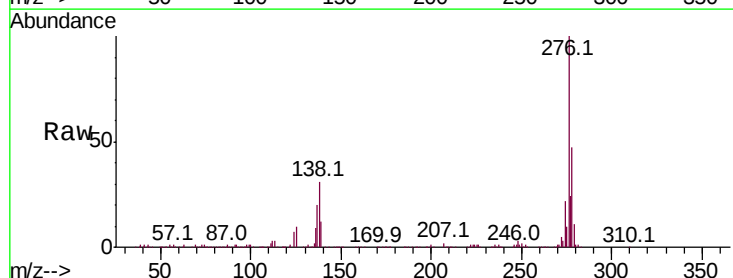
Tgt Ion:276 Resp: 912549

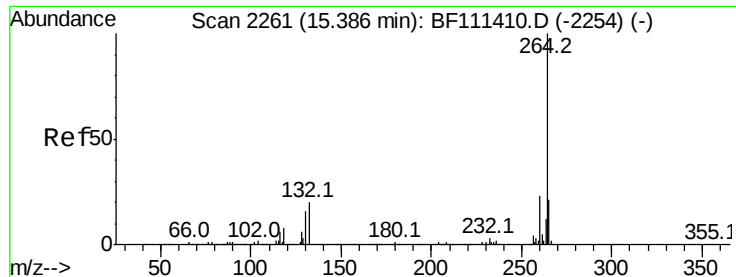
Ion Ratio Lower Upper

276 100

138 31.6 27.8 41.6

277 24.5 20.1 30.1





#87

Pervlene-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 :

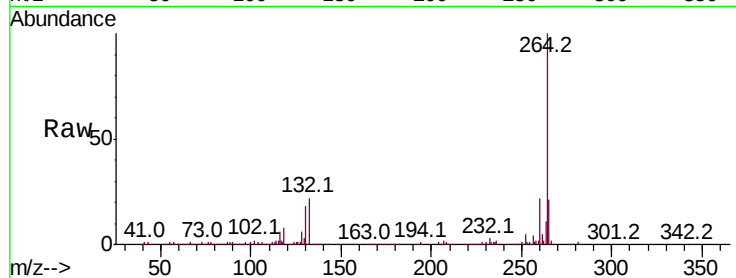
Tot Ion:264 Resp: 403663

Ion Ratio Lower Upper

264 100

260 22.1 18.3 27.5

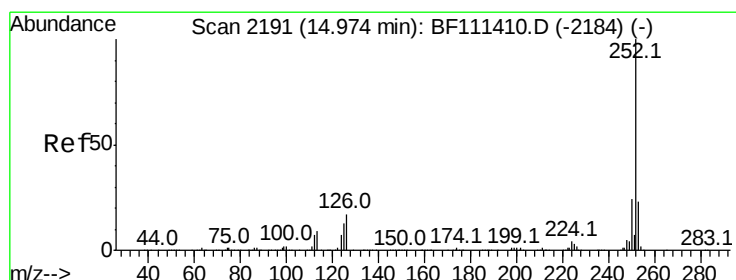
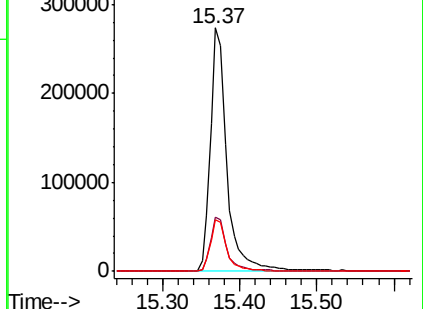
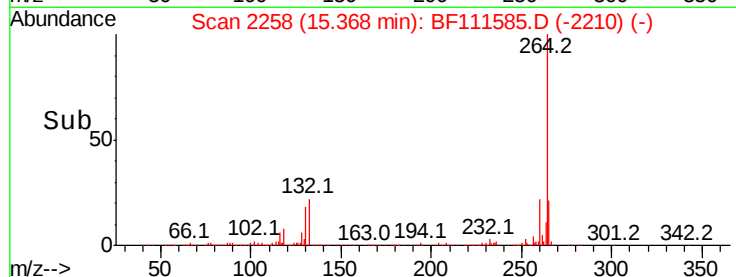
265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#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

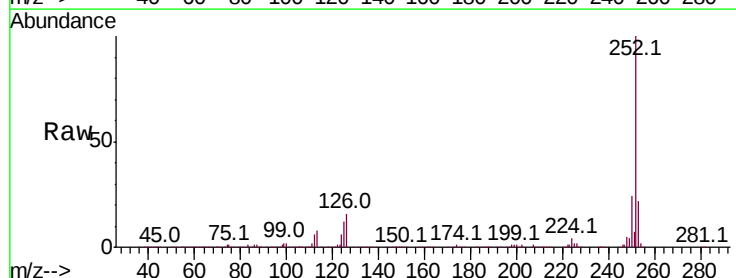
Tgt Ion:252 Resp: 849767

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

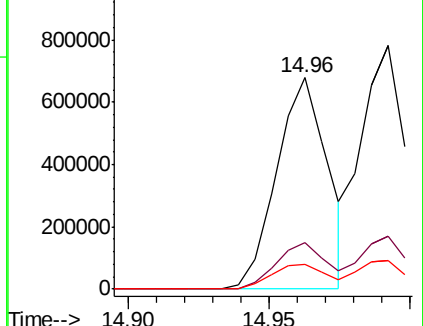
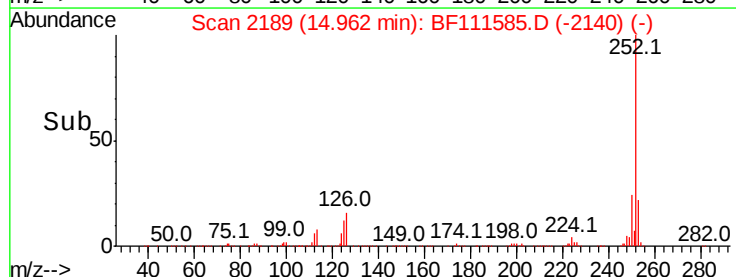
125 11.9 10.4 15.6

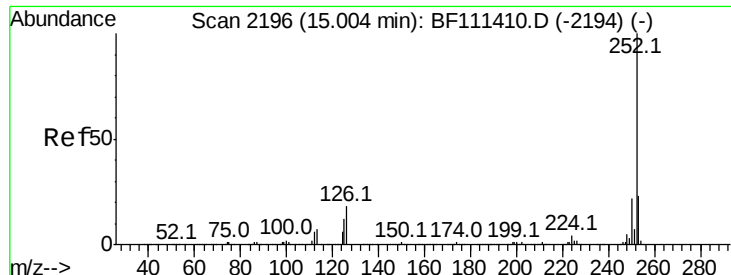


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

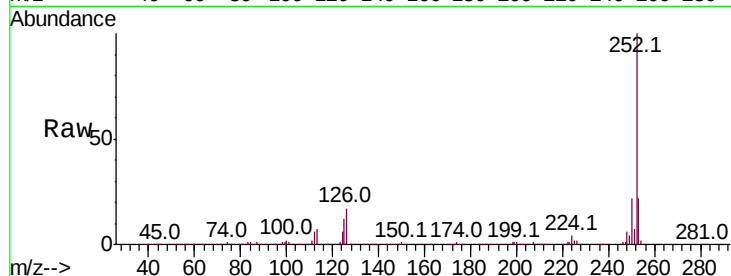




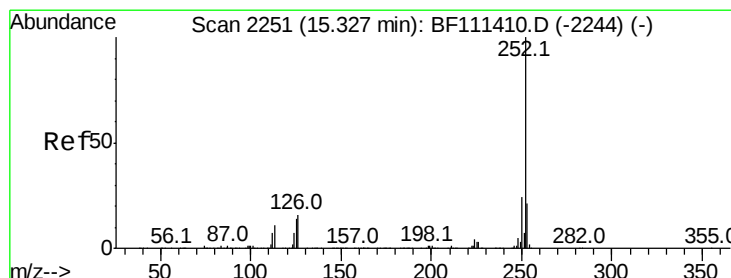
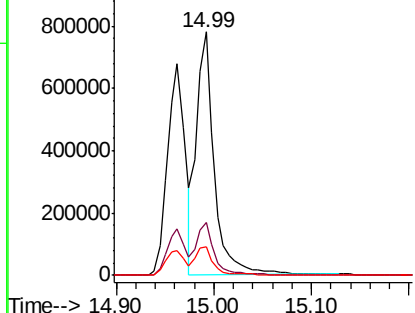
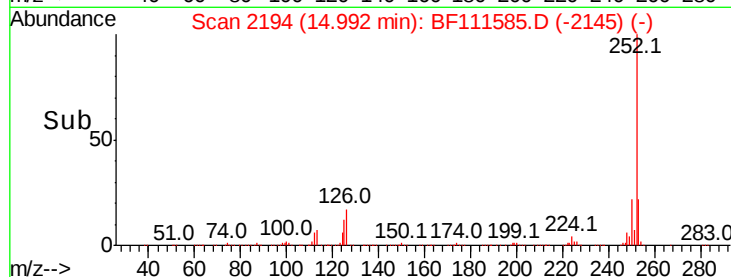
#89
Benzo(k)fluoranthene
Concen: 43.852 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

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

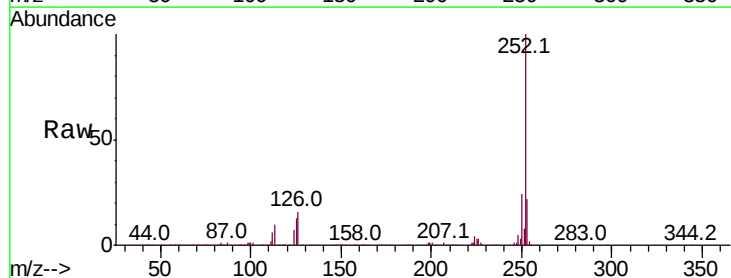


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

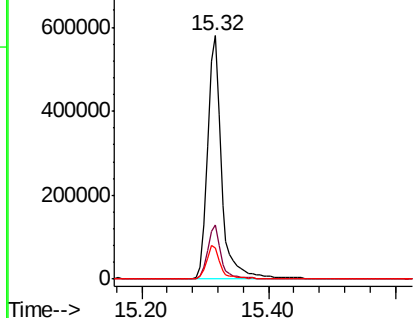
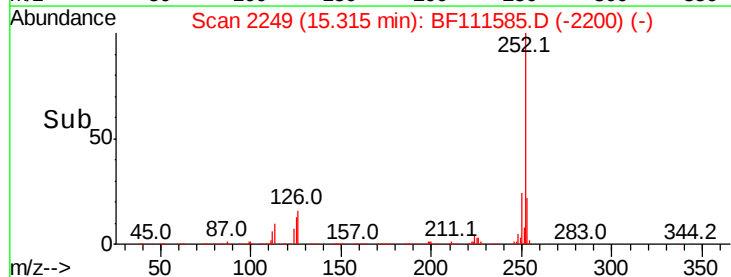


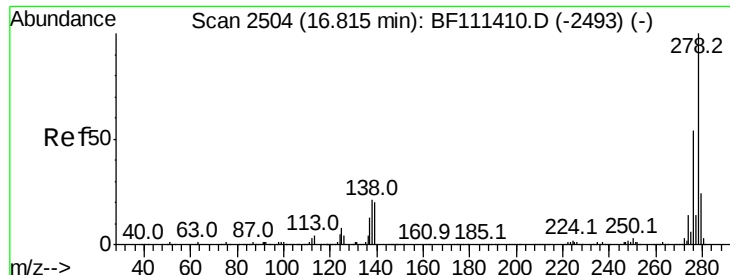
#90
Benzo(a)pyrene
Concen: 41.439 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

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

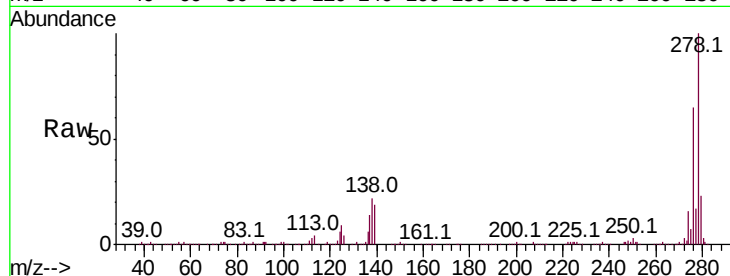




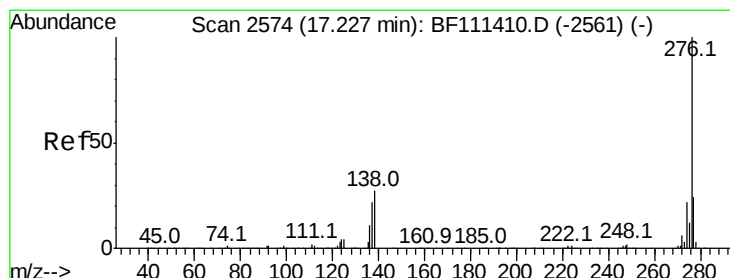
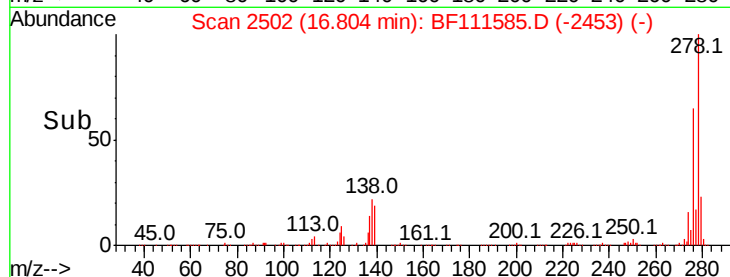
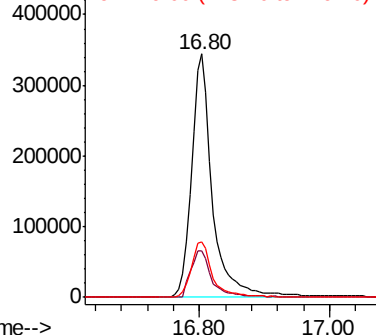
#91
Dibenzo(a,h)anthracene
Concen: 45.627 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 763828
Ion Ratio Lower Upper
278 100
139 19.3 18.2 27.4
279 22.8 19.0 28.6

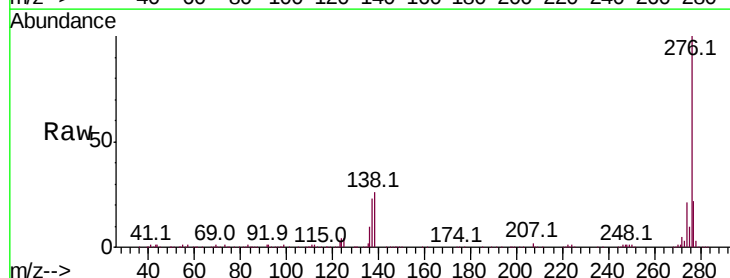


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

