

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111586.D
 Acq On : 18 Dec 2018 20:13
 Operator : JU/SJ
 Sample : PB115777BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 01:16:13 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	114079	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	471801	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	245043	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	460301	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	331400	20.00	ng	-0.01
87) Perylene-d12	15.37	264	245290	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	513734	74.94	ng	-0.01
7) Phenol-d6	6.42	99	589468	64.64	ng	-0.02
23) Nitrobenzene-d5	7.34	82	536413	67.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	154276	70.28	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	1135249	71.56	ng	-0.02
79) Terphenyl-d14	12.89	244	1081794	76.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	86711	26.189	ng	# 93
3) Pyridine	3.26	79	212234	25.522	ng	88
4) n-Nitrosodimethylamine	3.20	42	124470	32.953	ng	82
6) Aniline	6.44	93	109788	9.706	ng	# 1
8) 2-Chlorophenol	6.56	128	242929	29.657	ng	97
9) Benzaldehyde	6.32	77	63730	11.522	ng	97
10) Phenol	6.43	94	280762	27.639	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	215988	27.123	ng	97
12) 1,3-Dichlorobenzene	6.72	146	251095	27.848	ng	99
13) 1,4-Dichlorobenzene	6.79	146	266729	29.144	ng	98
14) 1,2-Dichlorobenzene	6.95	146	246816	28.666	ng	99
15) Benzyl Alcohol	6.92	79	202187	29.140	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	445298	28.640	ng	89
17) 2-Methylphenol	7.04	107	193016	29.279	ng	# 90
18) Hexachloroethane	7.29	117	97579	28.649	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	171655	28.532	ng	# 86
20) 3+4-Methylphenols	7.19	107	251221	30.380	ng	# 75
22) Acetophenone	7.18	105	343946	32.657	ng	# 89
24) Nitrobenzene	7.36	77	244694	30.275	ng	97
25) Isophorone	7.60	82	471971	35.207	ng	99
26) 2-Nitrophenol	7.67	139	126062	30.076	ng	97
27) 2,4-Dimethylphenol	7.72	122	214615	35.319	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	289287	31.259	ng	100
29) 2,4-Dichlorophenol	7.92	162	207624	32.008	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	207089	30.497	ng	98
31) Naphthalene	8.08	128	751522	34.056	ng	96
32) Benzoic acid	7.85	122	124048m	23.624	ng	
33) 4-Chloroaniline	8.13	127	61187	6.236	ng	97
34) Hexachlorobutadiene	8.20	225	119753	32.010	ng	96
35) Caprolactam	8.49	113	71602m	29.731	ng	
36) 4-Chloro-3-methylphenol	8.63	107	234994	32.912	ng	98
37) 2-Methylnaphthalene	8.77	142	515478	34.521	ng	98
38) 1-Methylnaphthalene	8.87	142	502460	34.830	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	200295	29.805	ng	99

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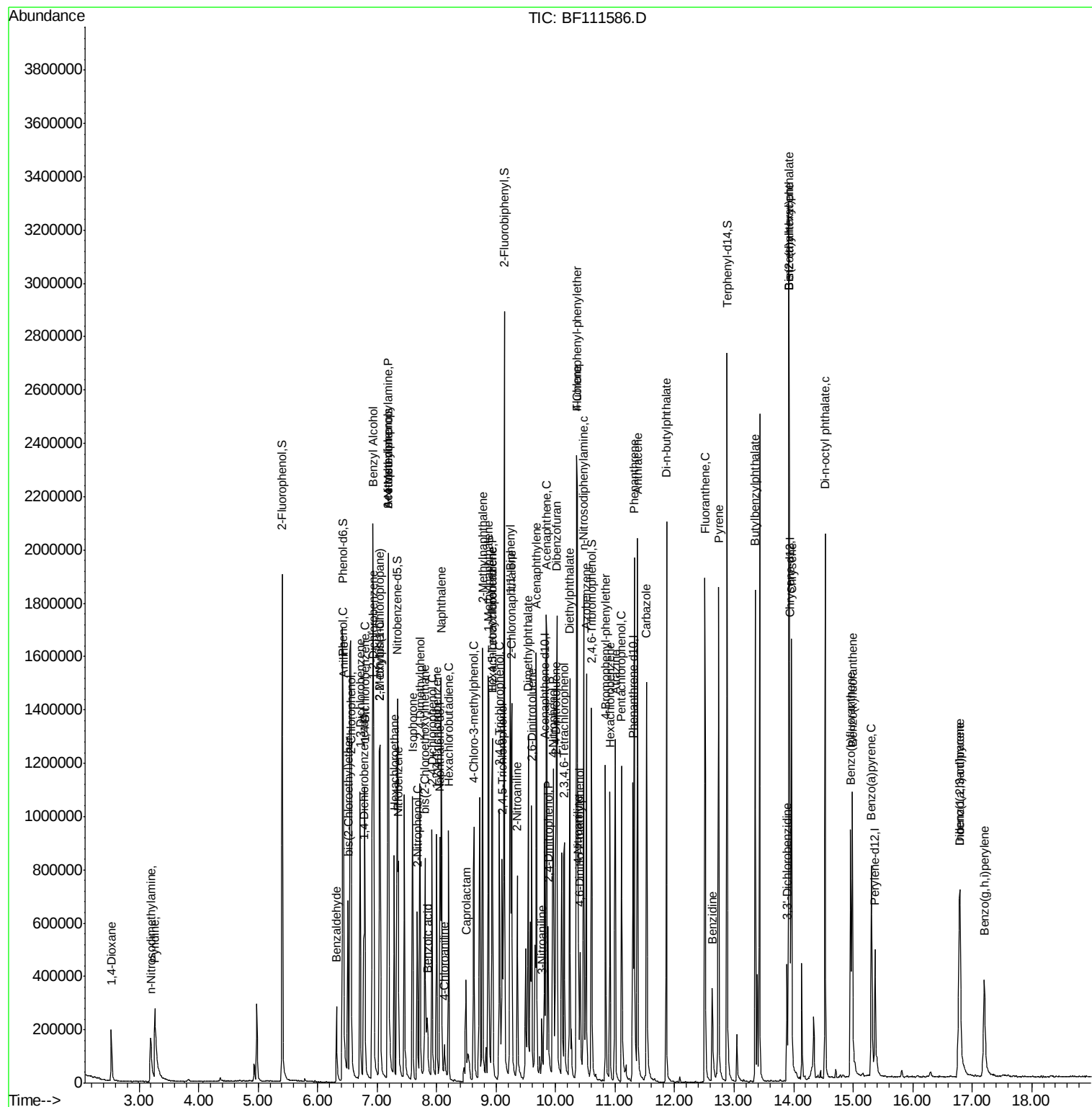
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	131465	38.104	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	138652	29.152	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	153041	30.238	nq	94
46) 1,1'-Biphenyl	9.24	154	623084	30.009	nq	91
47) 2-Chloronaphthalene	9.26	162	481821	30.529	nq	96
48) 2-Nitroaniline	9.36	65	150097	29.291	nq	96
49) Acenaphthylene	9.67	152	794466	33.913	nq	95
50) Dimethylphthalate	9.54	163	587330	33.281	nq	97
51) 2,6-Dinitrotoluene	9.60	165	126884	31.942	nq #	88
52) Acenaphthene	9.85	154	447292	30.209	nq	98
53) 3-Nitroaniline	9.77	138	54484	11.292	nq #	94
54) 2,4-Dinitrophenol	9.87	184	67508	44.670	nq	88
55) Dibenzofuran	10.02	168	706210	32.859	nq	99
56) 4-Nitrophenol	9.95	139	143214	42.891	nq	97
57) 2,4-Dinitrotoluene	10.00	165	175326	33.628	nq	98
58) Fluorene	10.36	166	569144	36.509	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	127859	32.334	nq	99
60) Diethylphthalate	10.24	149	600961	33.618	nq	97
61) 4-Chlorophenyl-phenylether	10.36	204	248934	32.639	nq	99
62) 4-Nitroaniline	10.38	138	125957	26.371	nq	95
63) Azobenzene	10.52	77	566063	32.120	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	61317	23.596	nq	90
66) n-Nitrosodiphenylamine	10.47	169	499301	31.455	nq	97
67) 4-Bromophenyl-phenylether	10.84	248	150037	30.243	nq	99
68) Hexachlorobenzene	10.92	284	159673	31.289	nq	97
69) Atrazine	11.00	200	160475	34.982	nq	95
70) Pentachlorophenol	11.11	266	147530	47.133	nq	93
71) Phenanthrene	11.32	178	794433	33.494	nq	94
72) Anthracene	11.37	178	866727	35.732	nq	94
73) Carbazole	11.53	167	775976	30.936	nq	96
74) Di-n-butylphthalate	11.86	149	991898	35.507	nq	96
75) Fluoranthene	12.51	202	836281	36.041	nq	95
77) Benzidine	12.63	184	201709	16.558	nq	97
78) Pyrene	12.74	202	811658	34.738	nq	96
80) Butylbenzylphthalate	13.36	149	414277	36.376	nq	92
81) Benzo(a)anthracene	13.93	228	589991	32.742	nq	98
82) 3,3'-Dichlorobenzidine	13.89	252	105921	14.459	nq	99
83) Chrysene	13.96	228	651802	34.337	nq	96
84) Bis(2-ethylhexyl)phthalate	13.92	149	570789	39.239	nq	98
85) Di-n-octyl phthalate	14.53	149	916791	37.365	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	450181	32.859	nq #	89
88) Benzo(b)fluoranthene	14.96	252	480853	33.624	nq	98
89) Benzo(k)fluoranthene	14.99	252	492716m	36.058	nq	
90) Benzo(a)pyrene	15.31	252	451328	34.998	nq #	96
91) Dibenzo(a,h)anthracene	16.80	278	374360	36.800	nq #	92
92) Benzo(g,h,i)perylene	17.20	276	374964	37.551	nq #	92

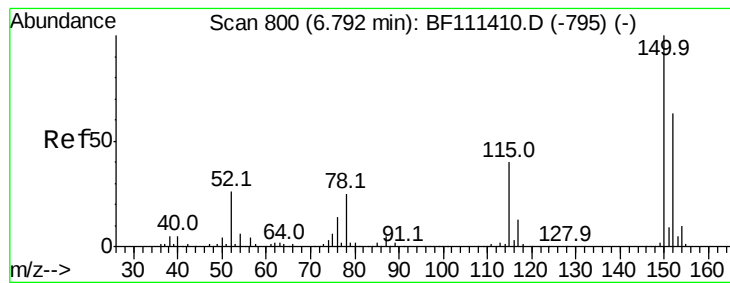
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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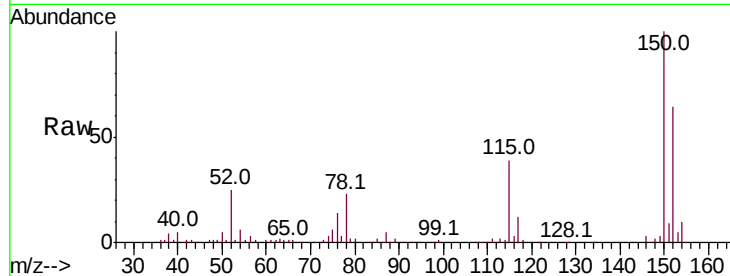




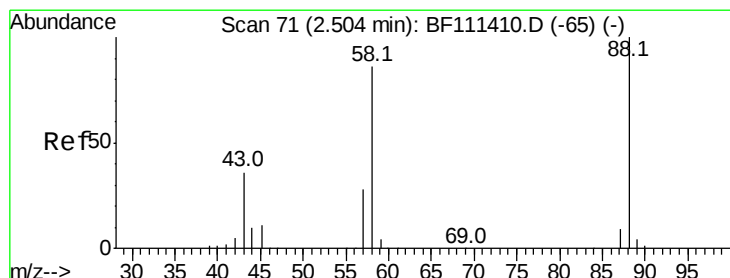
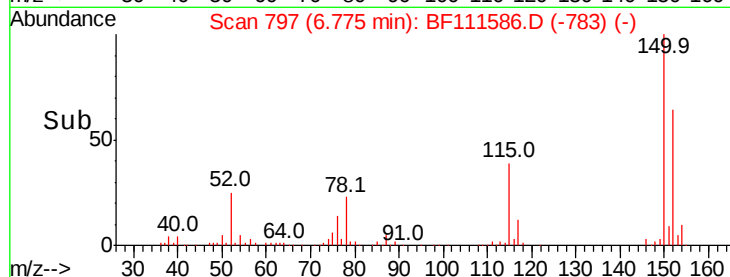
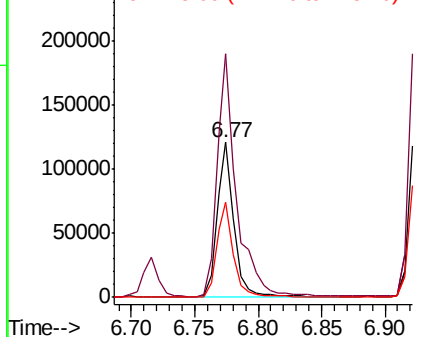
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 114079
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 61.5 50.7 76.1

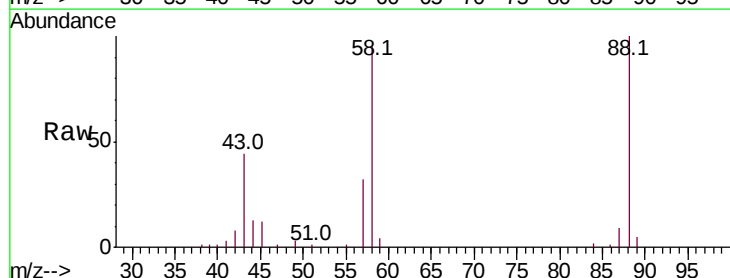


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

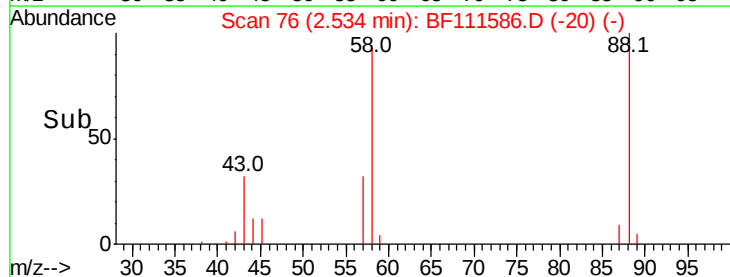
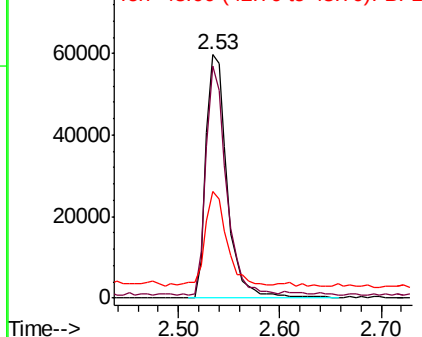


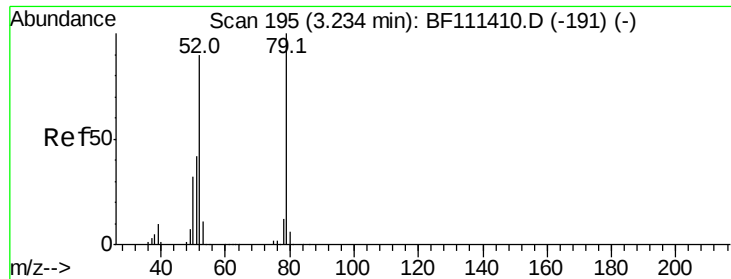
#2
 1,4-Dioxane
 Concen: 26.189 ng
 RT: 2.53 min Scan# 76
 Delta R.T. 0.03 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion: 88 Resp: 86711
 Ion Ratio Lower Upper
 88 100
 58 90.8 68.9 103.3
 43 39.3 25.8 38.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.522 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

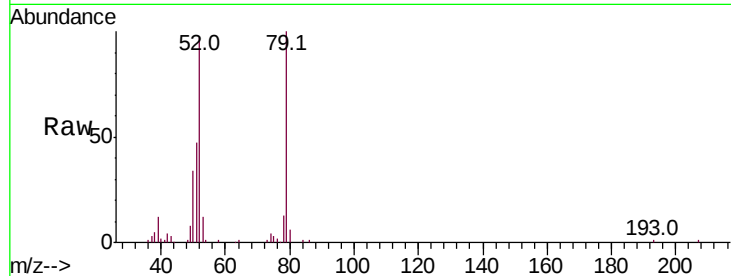
Tot Ion: 79 Resp: 212234

Ion Ratio Lower Upper

79 100

52 97.3 68.3 102.5

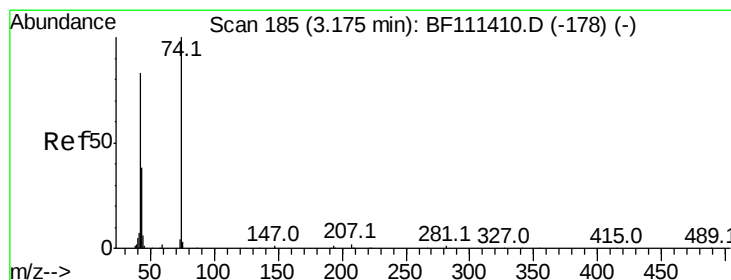
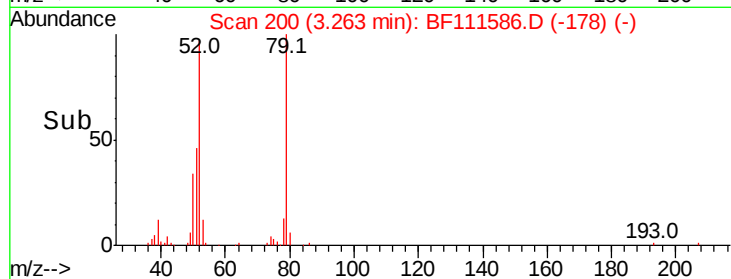
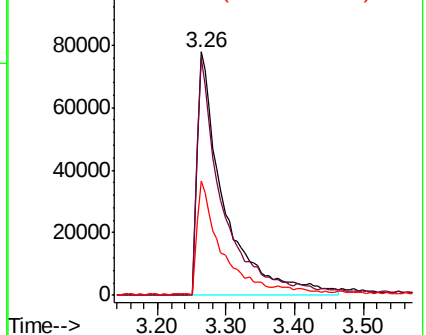
51 46.8 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.953 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

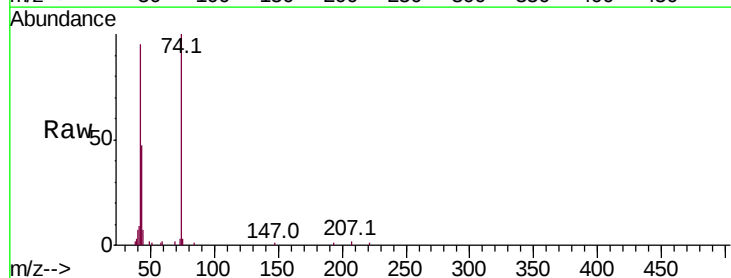
Tgt Ion: 42 Resp: 124470

Ion Ratio Lower Upper

42 100

74 105.4 101.5 152.3

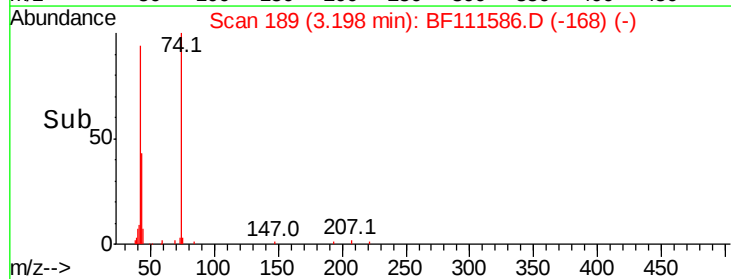
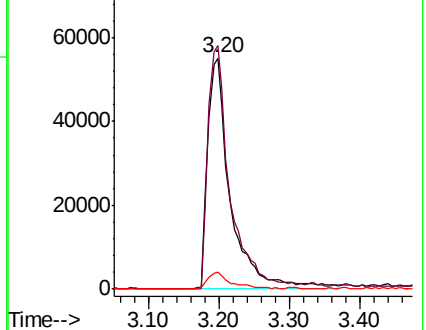
44 7.2 6.0 9.0

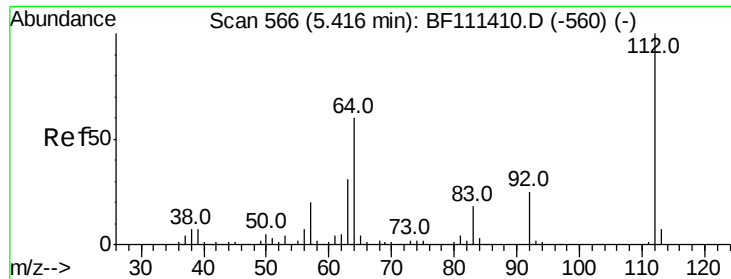


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.938 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampled :

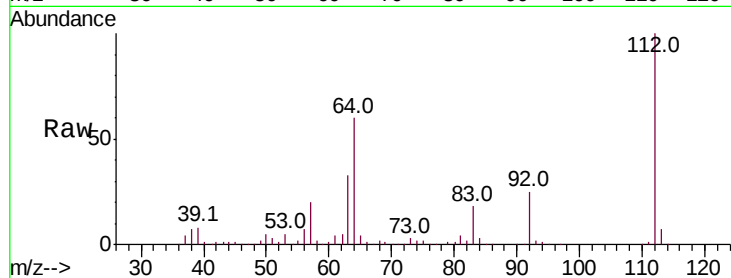
Tot Ion:112 Resp: 513734

Ion Ratio Lower Upper

112 100

64 60.3 51.8 77.6

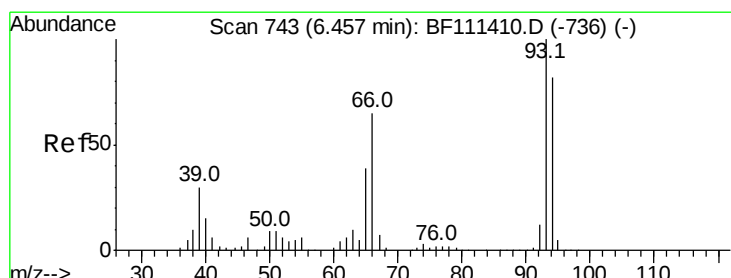
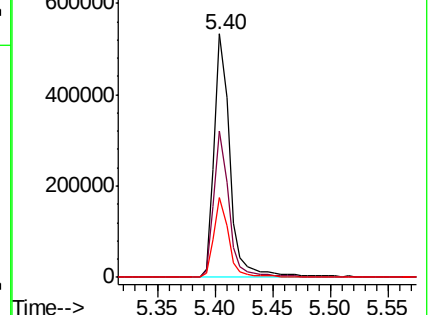
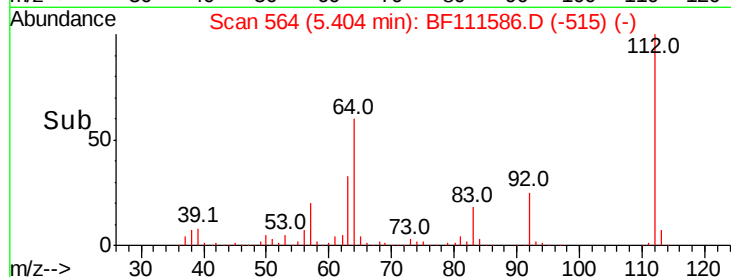
63 32.7 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.706 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

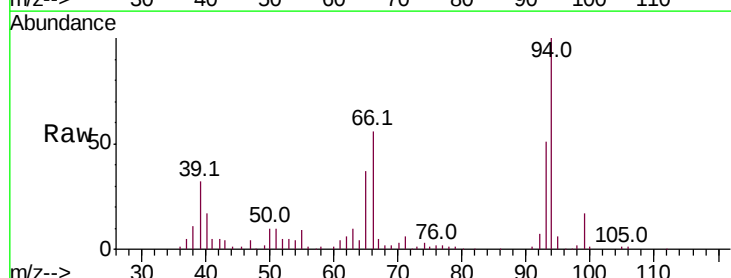
Tgt Ion: 93 Resp: 109788

Ion Ratio Lower Upper

93 100

66 109.0 33.2 49.8#

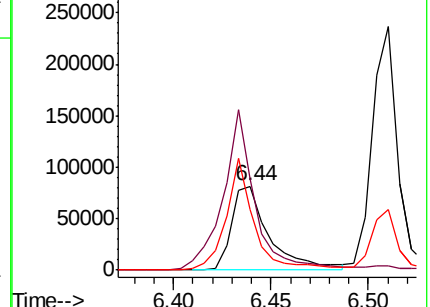
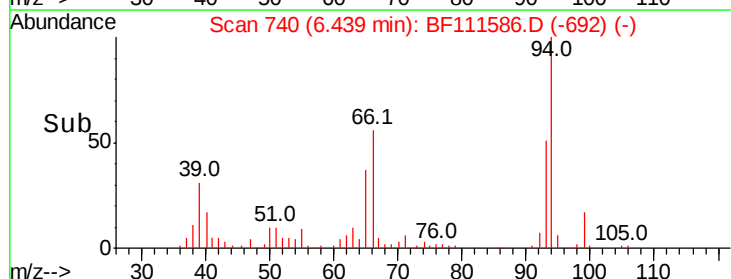
65 71.5 17.0 25.4#

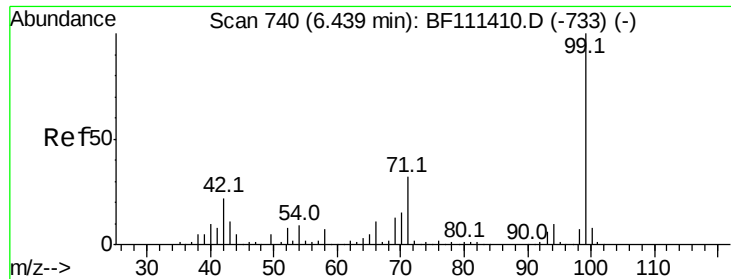


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 64.642 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

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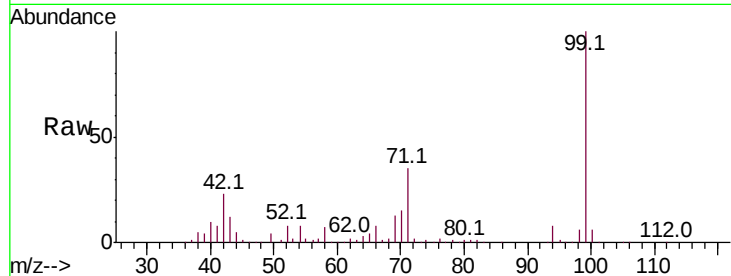
Tot Ion: 99 Resp: 589468

Ion Ratio Lower Upper

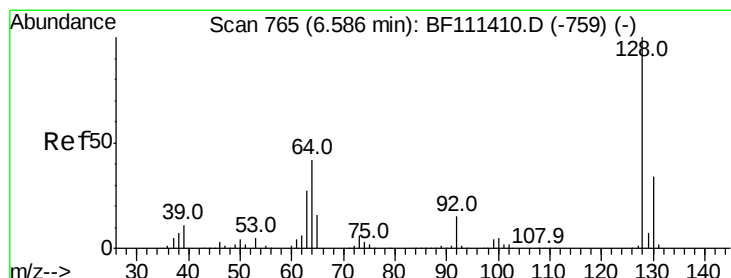
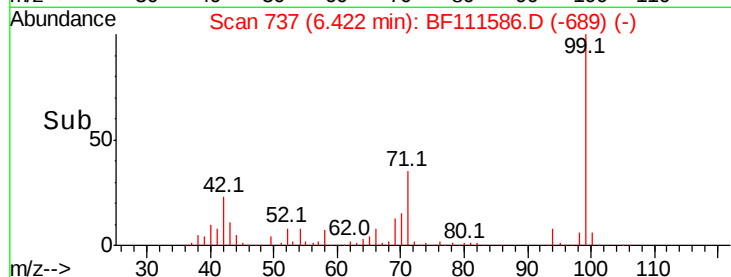
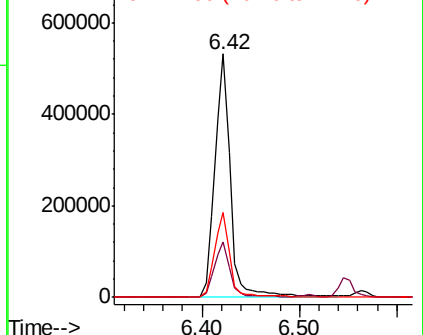
99 100

42 22.8 17.4 26.0

71 35.0 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: 29.657 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

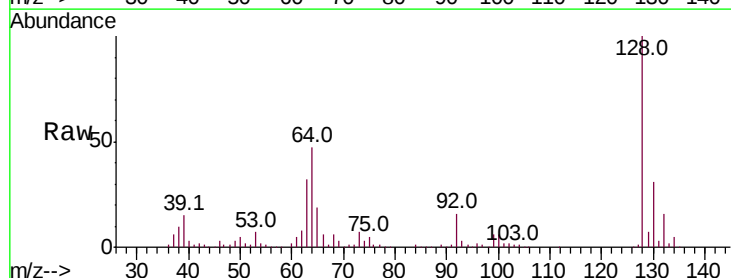
Tgt Ion: 128 Resp: 242929

Ion Ratio Lower Upper

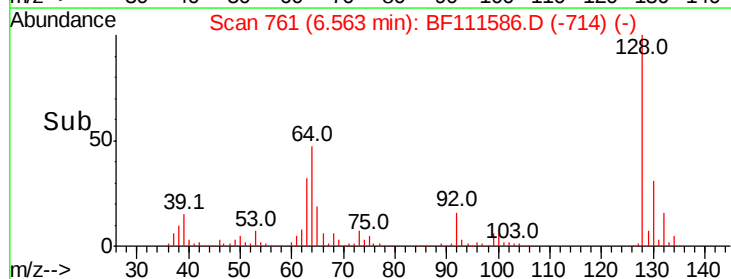
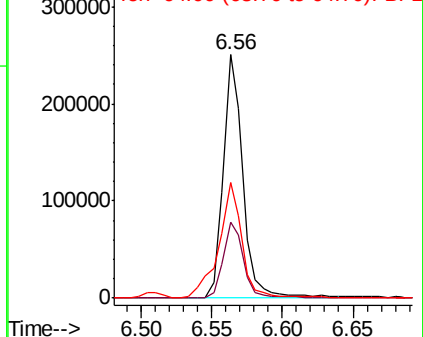
128 100

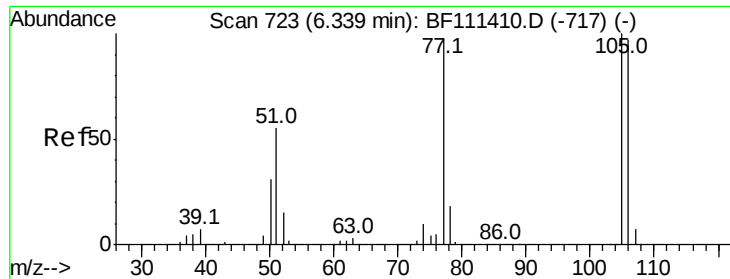
130 31.1 12.7 52.7

64 47.3 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

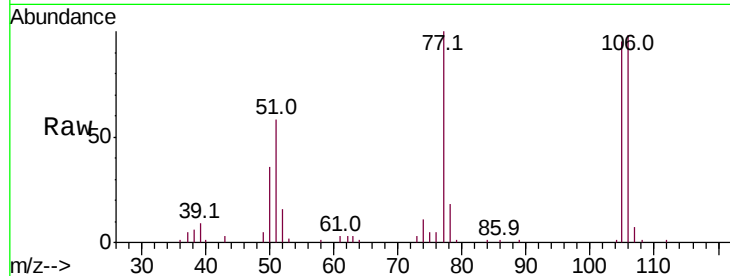




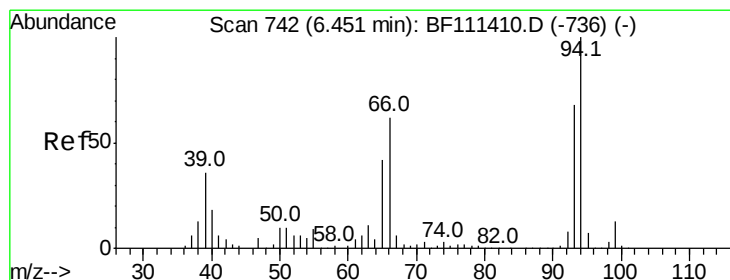
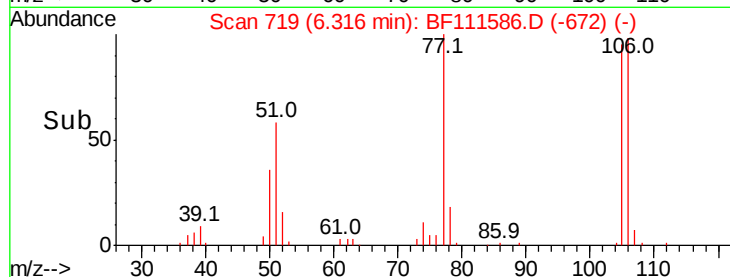
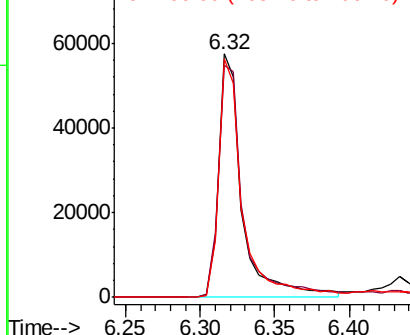
#9
Benzaldehyde
Concen: 11.522 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 63730
Ion Ratio Lower Upper
77 100
105 95.5 81.4 121.4
106 97.7 77.9 117.9

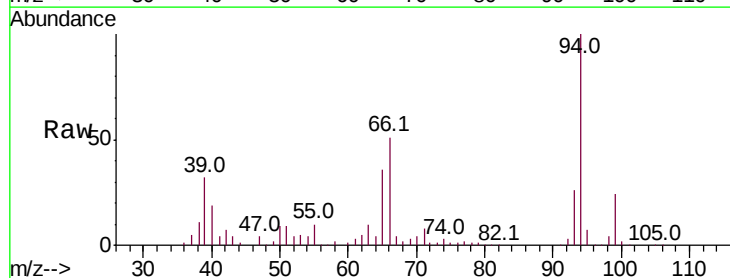


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

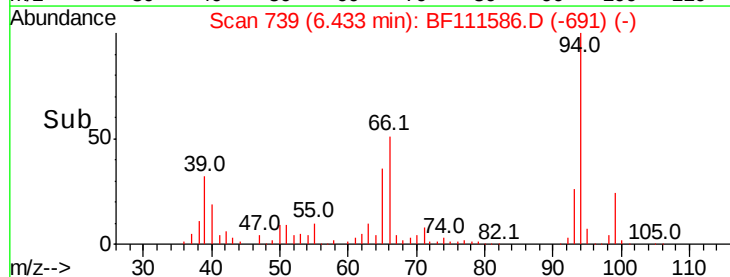
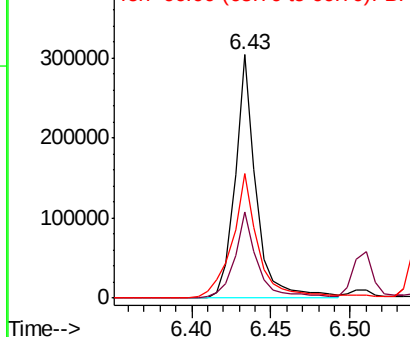


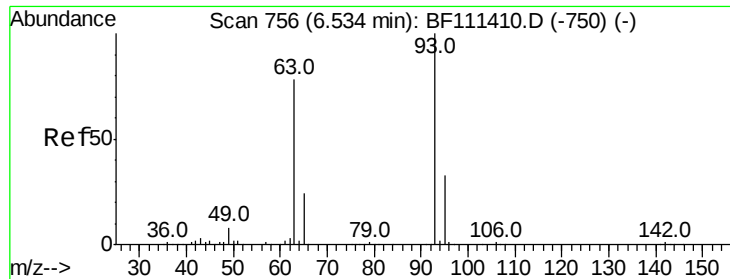
#10
Phenol
Concen: 27.639 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion: 94 Resp: 280762
Ion Ratio Lower Upper
94 100
65 35.5 11.7 51.7
66 51.4 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

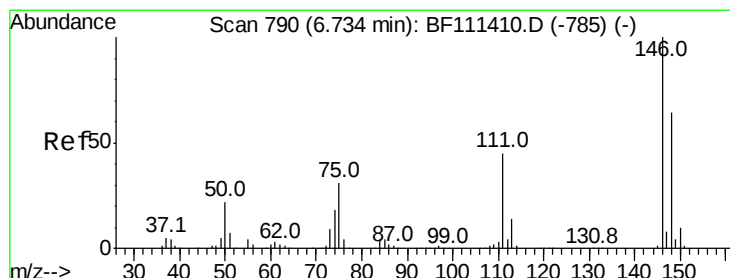
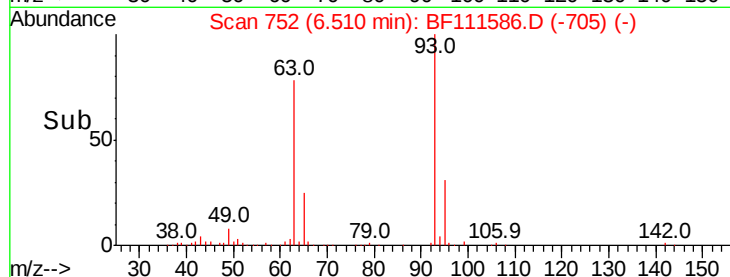
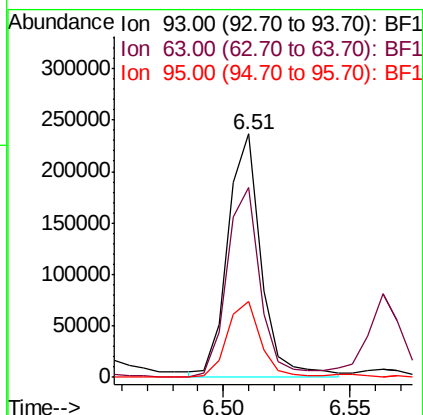
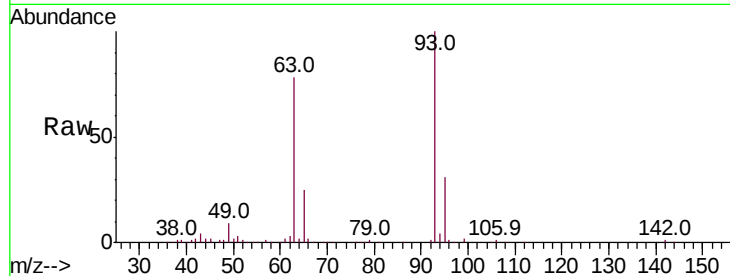




#11
bis(2-Chloroethyl)ether
Concen: 27.123 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

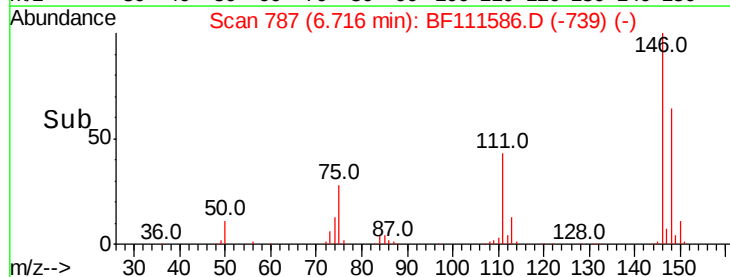
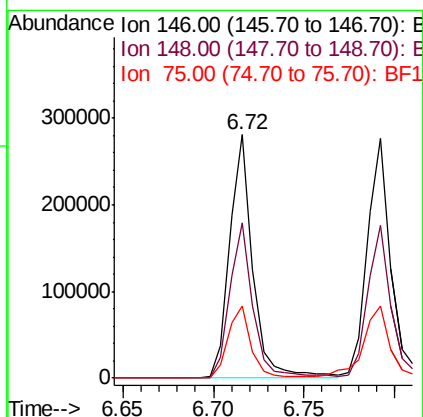
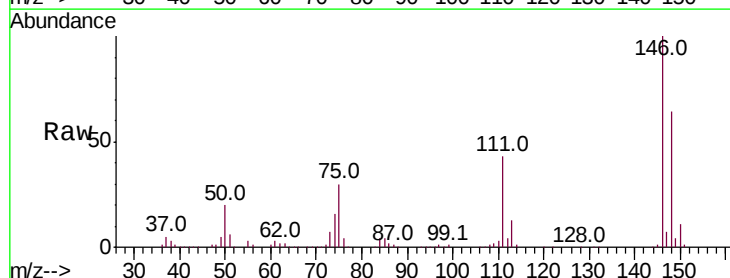
Instrument :
BNA_F
ClientSampleId :

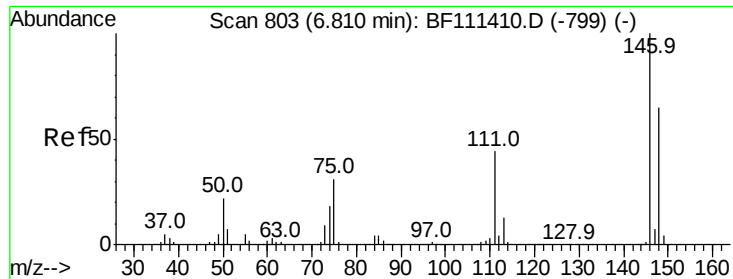
Tot Ion: 93 Resp: 215988
Ion Ratio Lower Upper
93 100
63 77.9 60.0 100.0
95 31.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 27.848 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion: 146 Resp: 251095
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 29.7 23.9 35.9

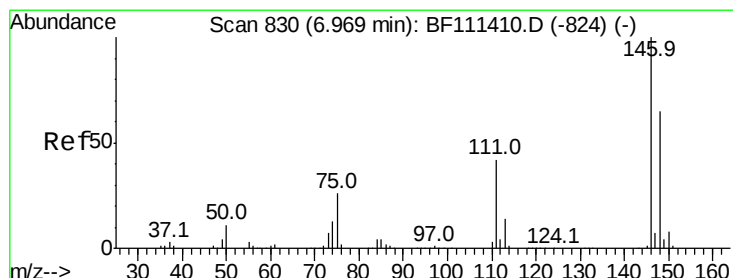
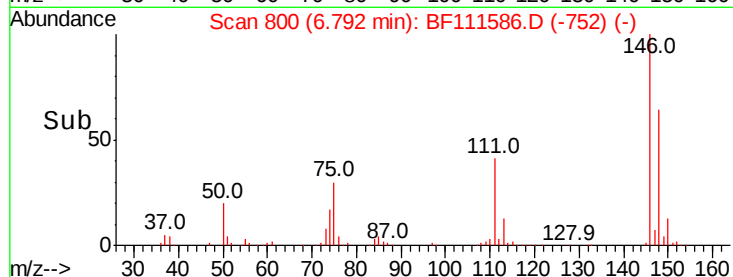
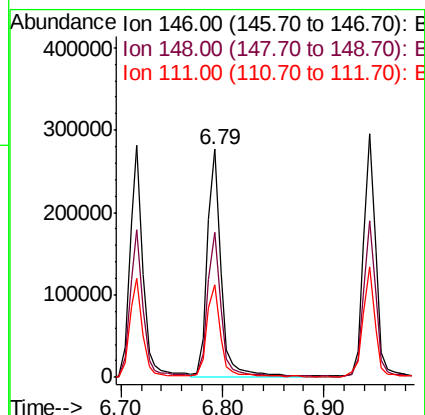
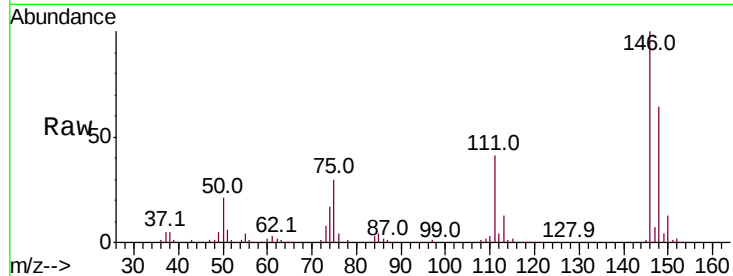




#13
 1,4-Dichlorobenzene
 Concen: 29.144 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

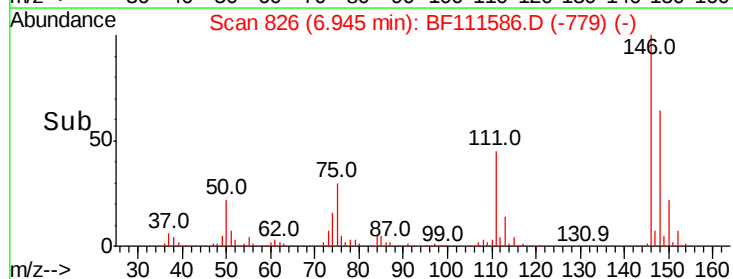
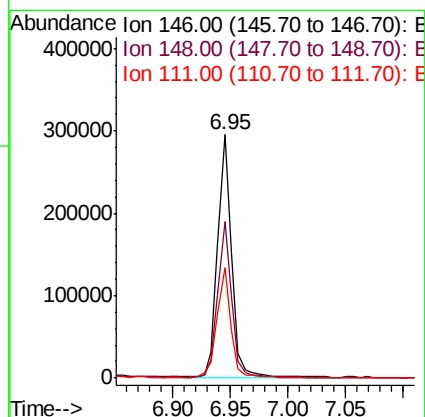
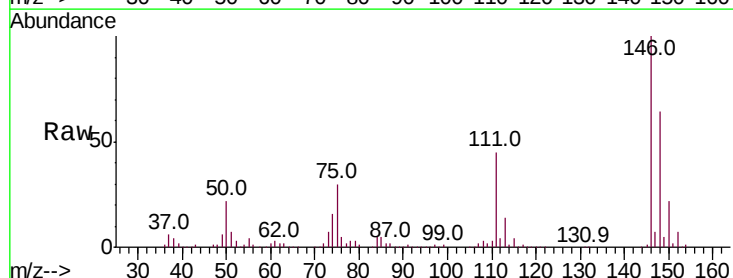
Instrument :
 BNA_F
 ClientSampleId :

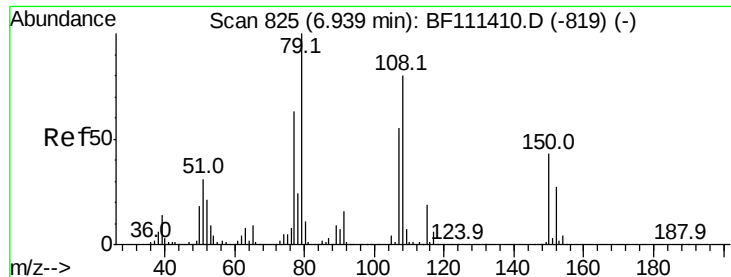
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
111	40.5	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 28.666 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	45.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 29.140 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampled :

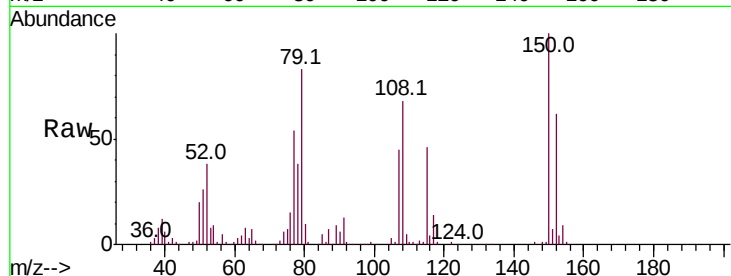
Tot Ion: 79 Resp: 202187

Ion Ratio Lower Upper

79 100

108 82.3 69.4 104.2

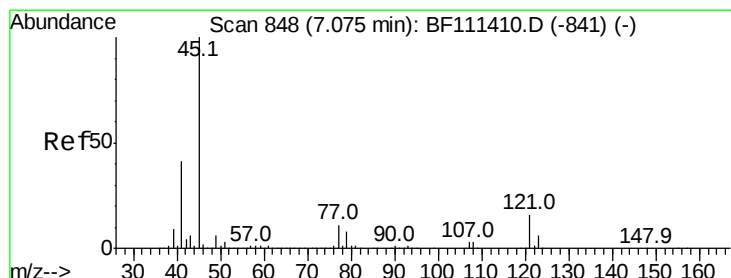
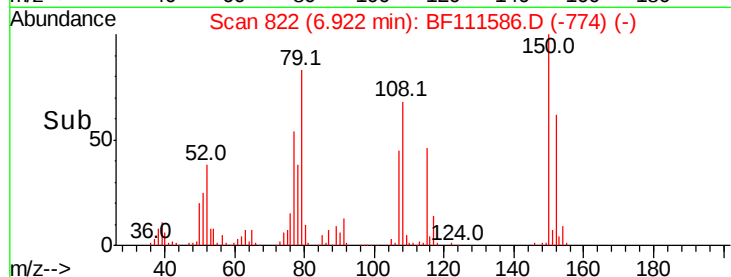
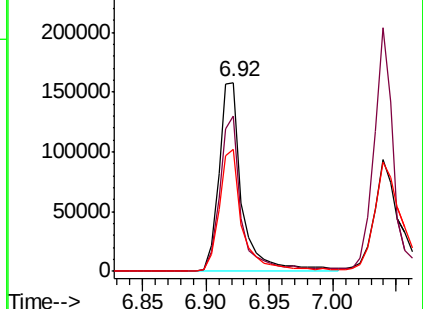
77 64.7 49.7 74.5



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: 28.640 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

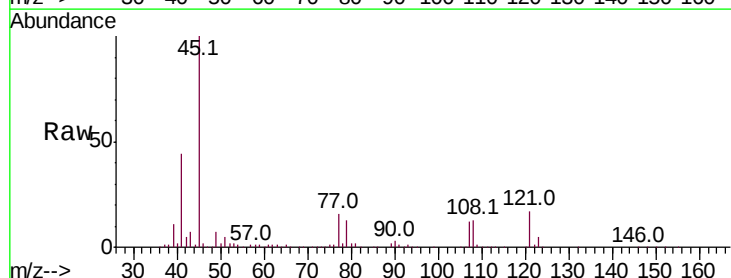
Tgt Ion: 45 Resp: 445298

Ion Ratio Lower Upper

45 100

77 15.8 0.0 31.5

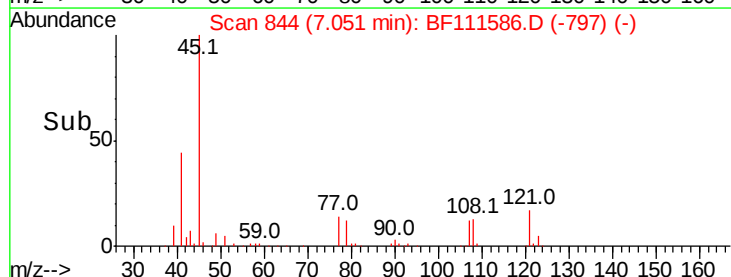
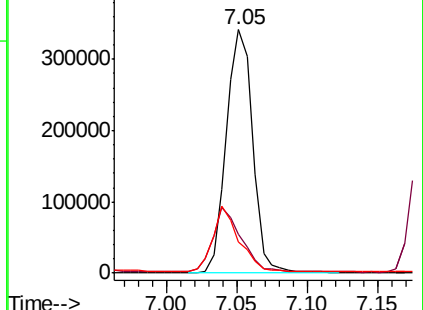
79 12.9 0.0 28.9

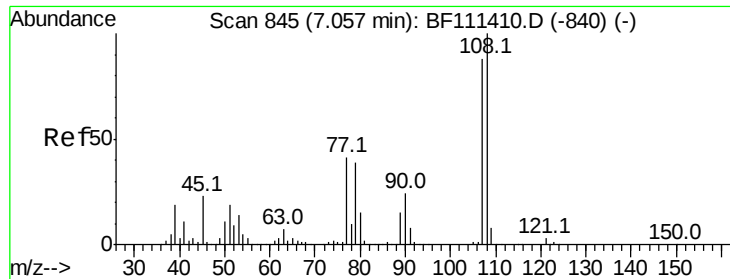


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 29.279 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 193016

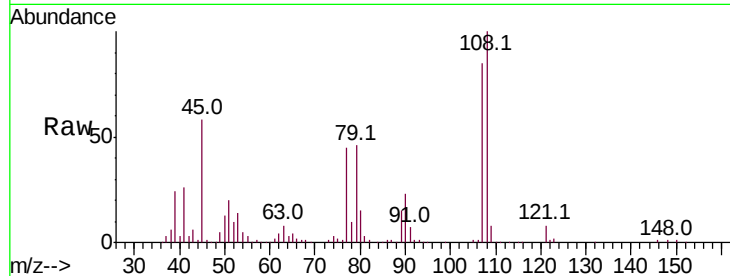
Ion Ratio Lower Upper

107 100

108 117.9 91.0 136.4

77 52.9 33.5 50.3#

79 54.2 33.3 49.9#

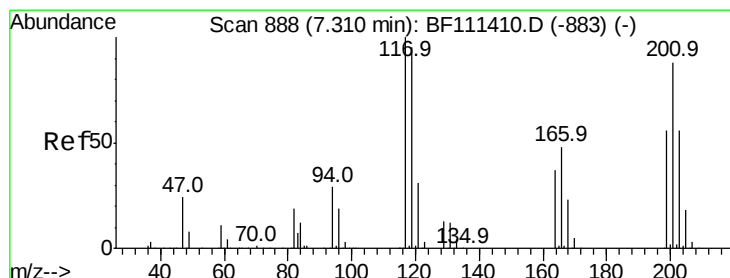
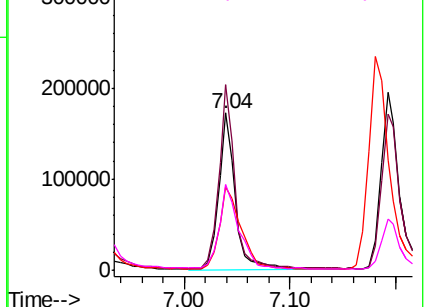
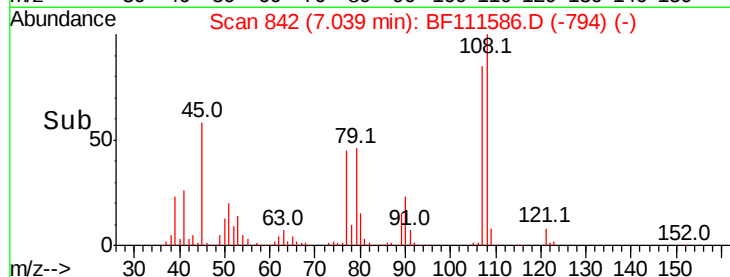


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.649 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

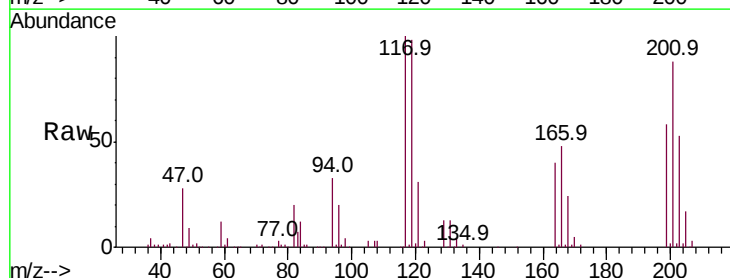
Tgt Ion:117 Resp: 97579

Ion Ratio Lower Upper

117 100

119 98.2 75.4 113.0

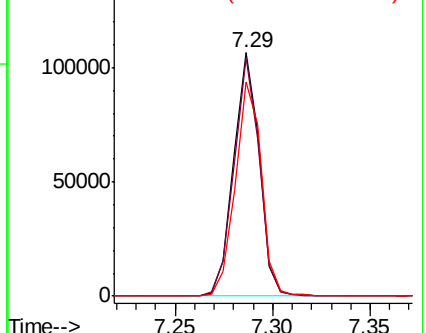
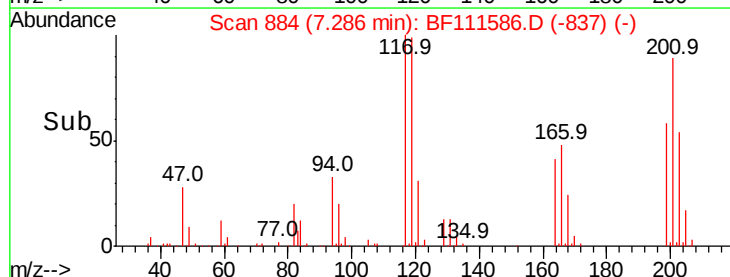
201 88.2 62.4 93.6

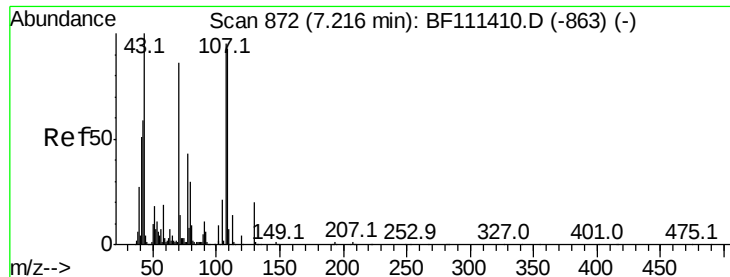


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

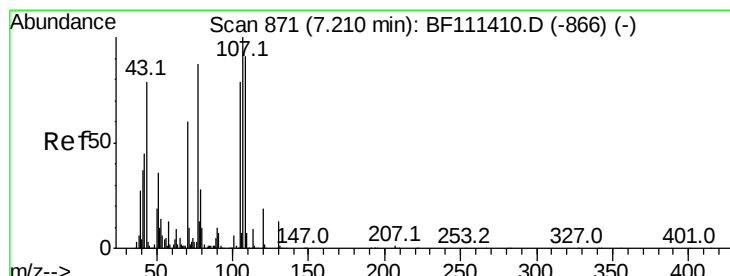
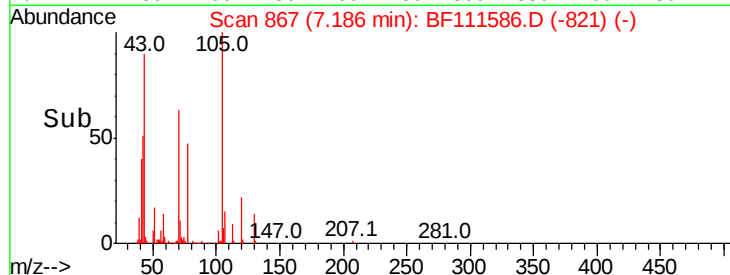
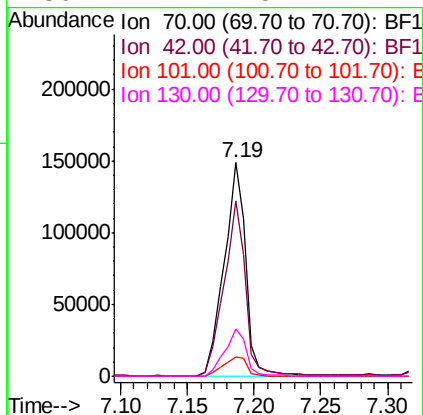
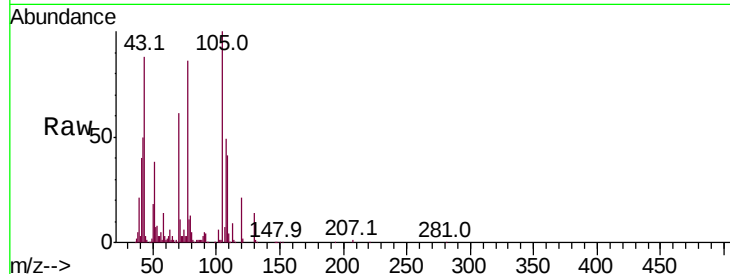




#19
n-Nitroso-di-n-propylamine
Concen: 28.532 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

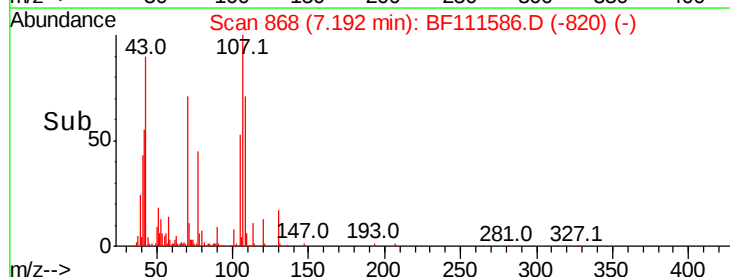
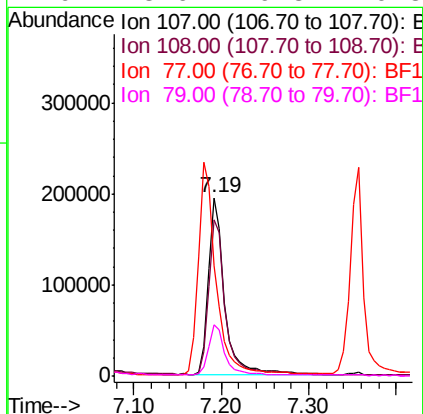
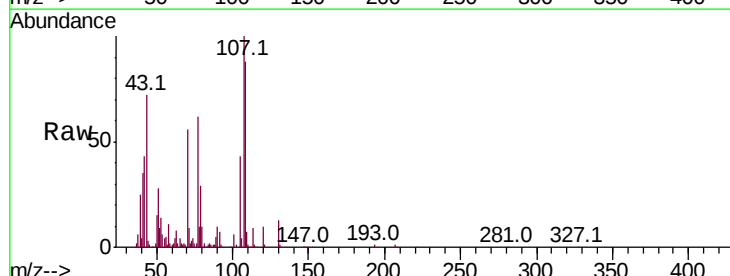
Instrument :
BNA_F
ClientSampleId :

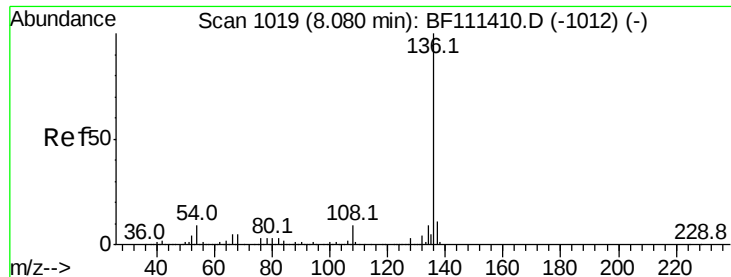
Tot Ion: 70 Resp: 171655
Ion Ratio Lower Upper
70 100
42 82.4 53.2 79.8#
101 9.2 8.2 12.4
130 22.1 18.1 27.1



#20
3+4-Methylphenols
Concen: 30.380 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion: 107 Resp: 251221
Ion Ratio Lower Upper
107 100
108 87.8 72.1 112.1
77 61.8 94.1 134.1#
79 28.6 9.8 49.8

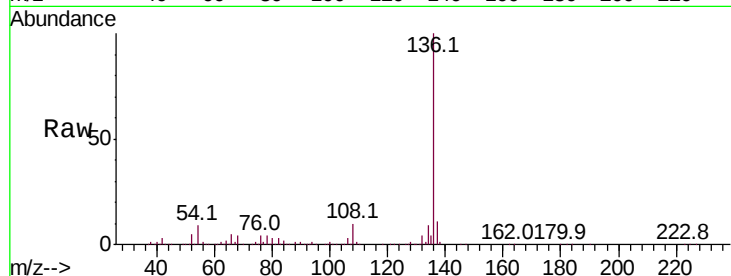




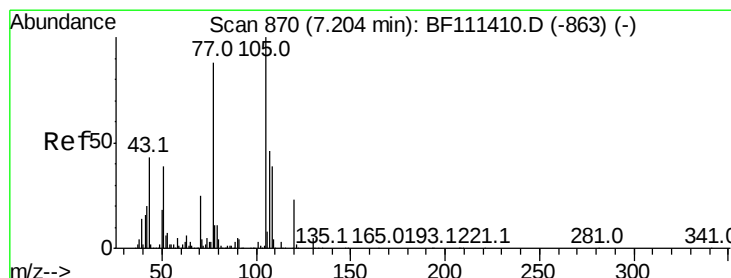
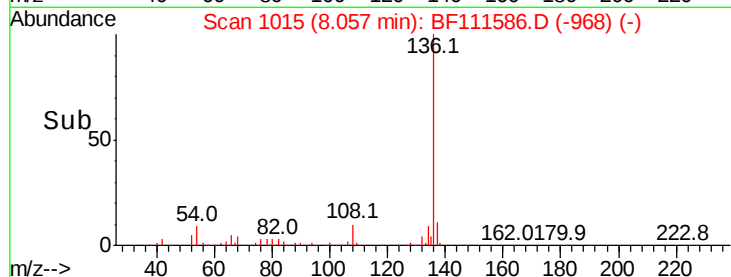
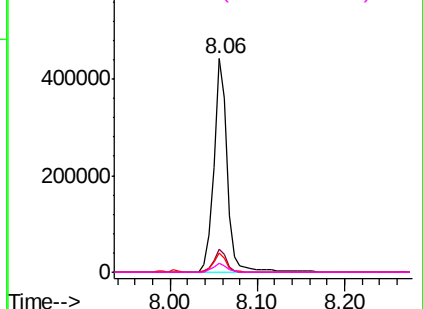
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	471801
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	9.0	7.7 11.5
68	4.2	4.9 7.3#



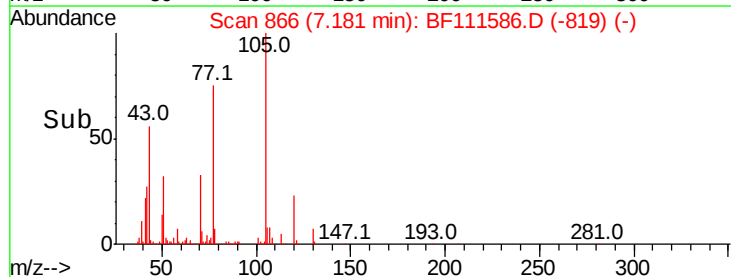
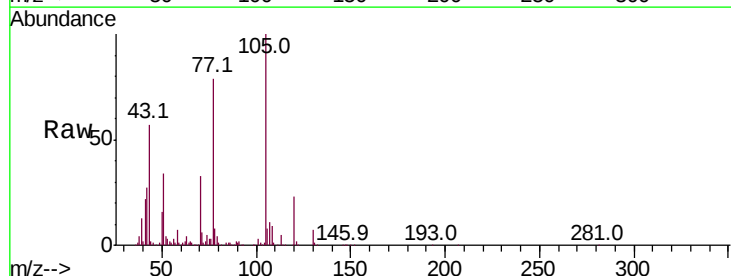
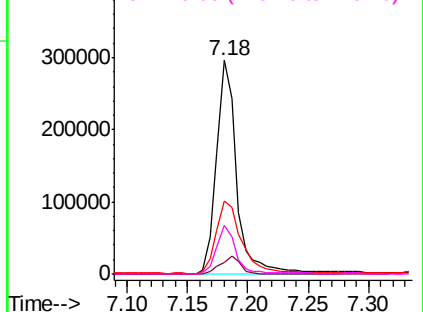
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

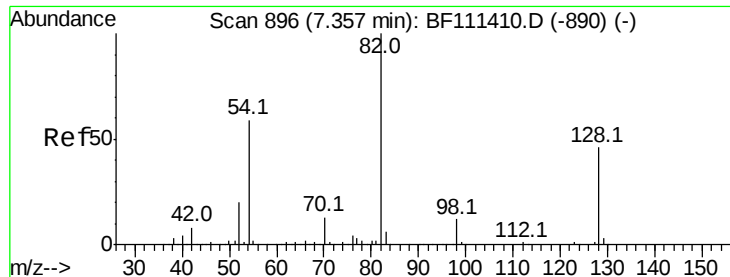


#22
Acetophenone
Concen: 32.657 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:105	Resp:	343946
Ion Ratio	Lower	Upper
105	100	
71	5.7	3.1 4.7#
51	34.4	36.6 54.8#
120	23.0	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

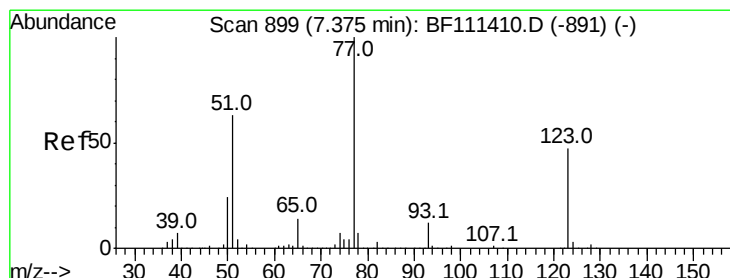
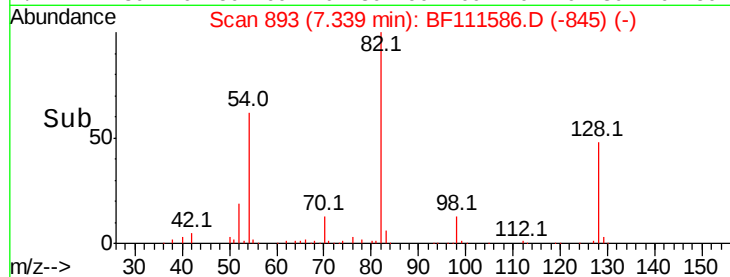
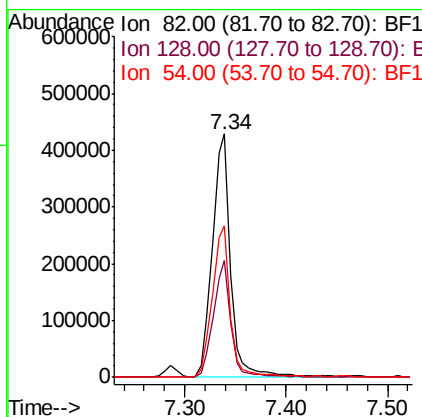
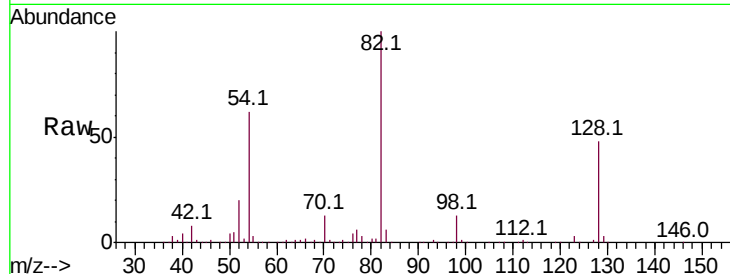




#23
 Nitrobenzene-d5
 Concen: 67.704 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

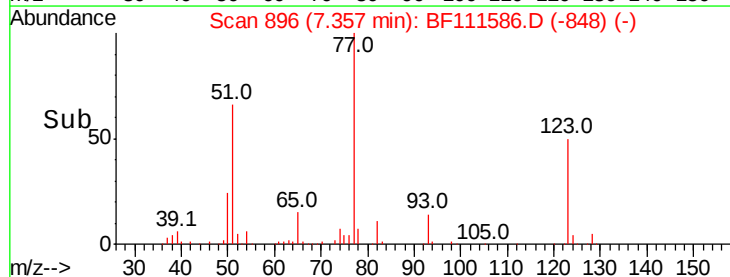
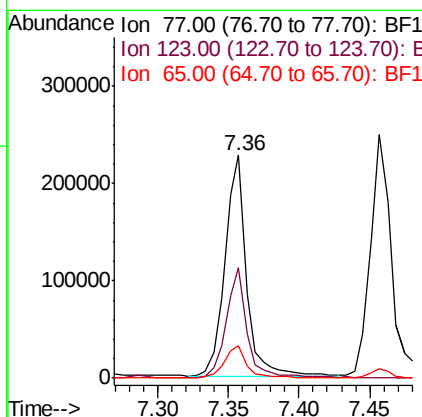
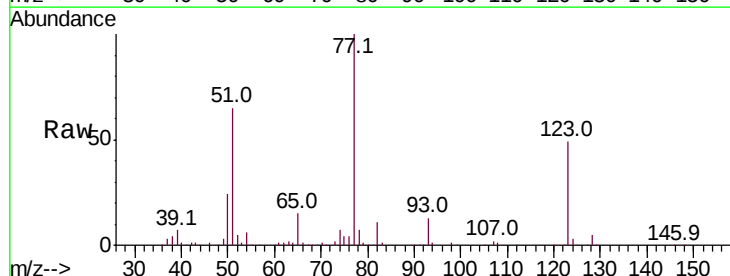
Instrument :
 BNA_F
 ClientSampled :

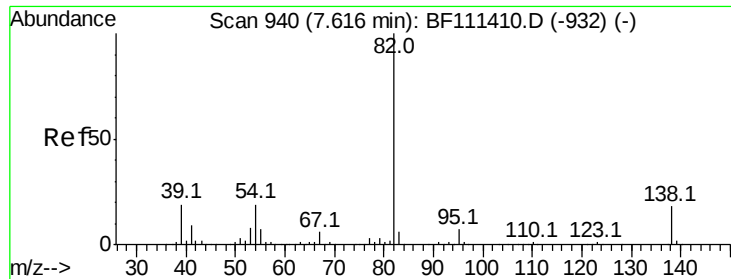
Tot Ion: 82 Resp: 536413
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.4 56.2
 54 62.1 47.6 71.4



#24
 Nitrobenzene
 Concen: 30.275 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion: 77 Resp: 244694
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.2 55.8
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 35.207 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

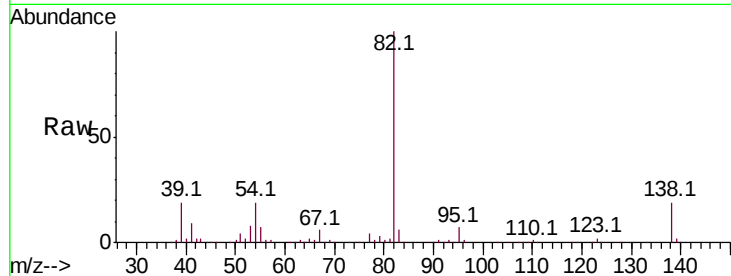
Tot Ion: 82 Resp: 471971

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

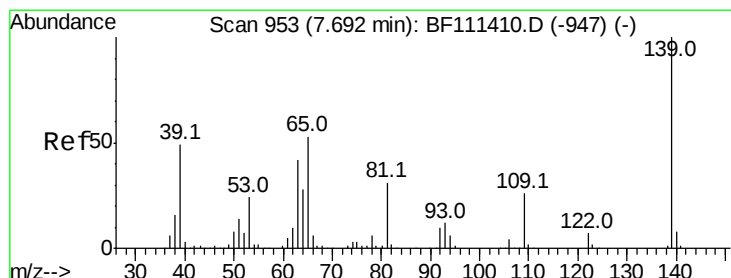
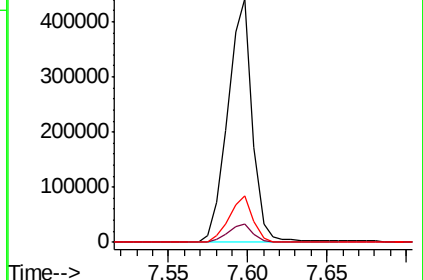
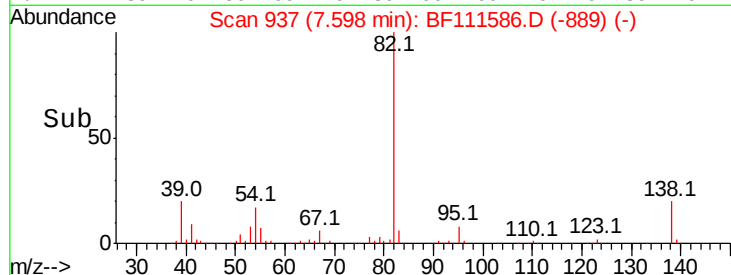
138 19.0 15.1 22.7



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: 30.076 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

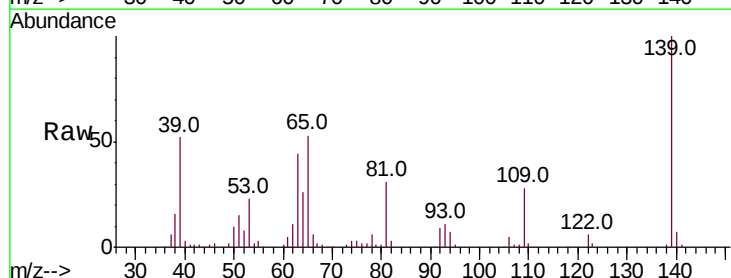
Tgt Ion: 139 Resp: 126062

Ion Ratio Lower Upper

139 100

109 27.6 20.2 30.4

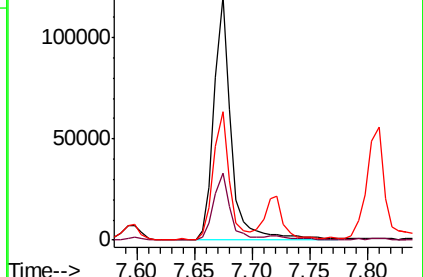
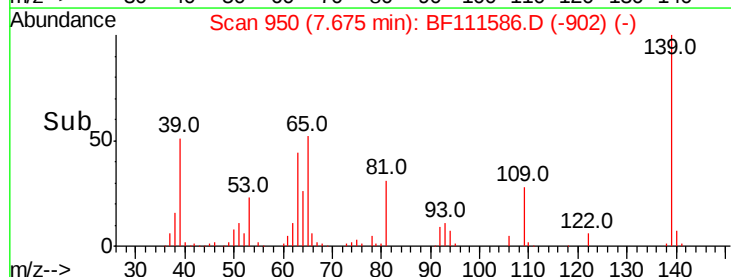
65 52.9 40.7 61.1

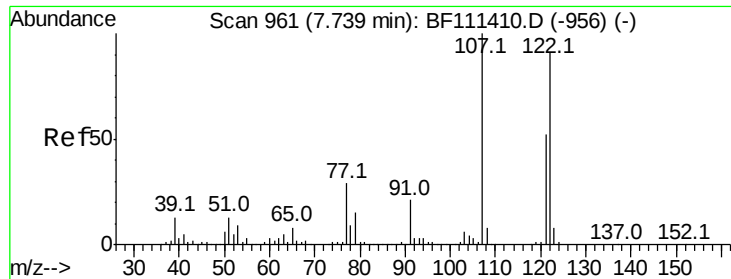


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

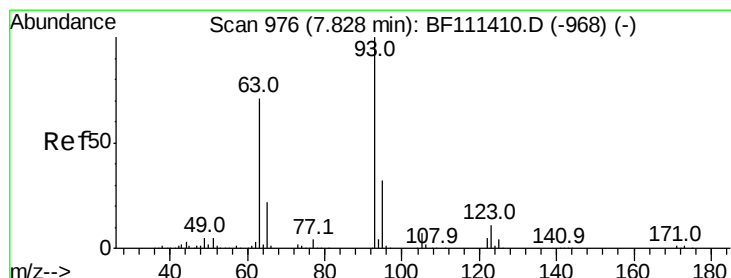
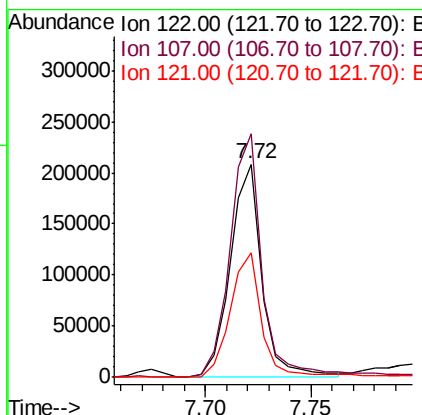
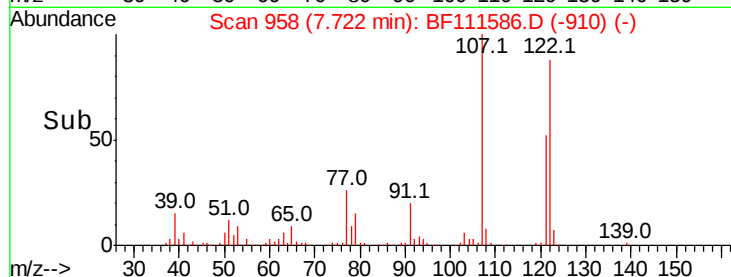
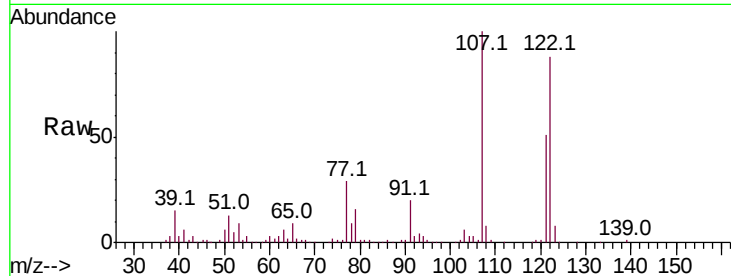




#27
 2,4-Dimethylphenol
 Concen: 35.319 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

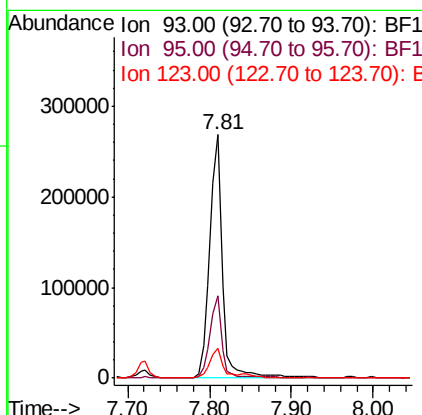
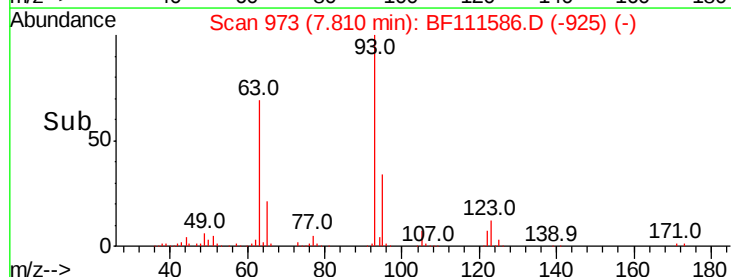
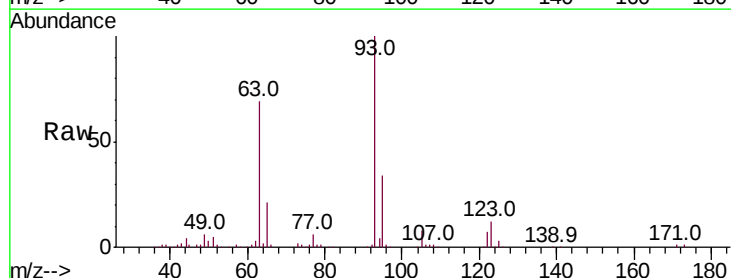
Instrument :
 BNA_F
 ClientSampled :

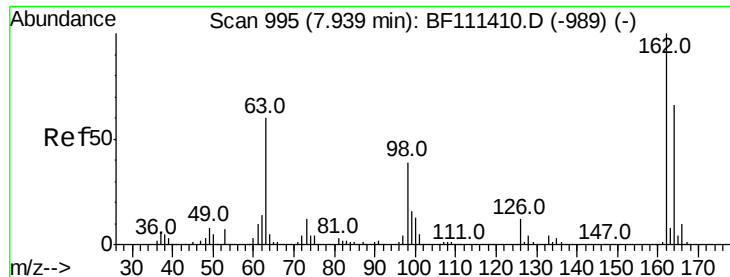
Tot Ion:122 Resp: 214615
 Ion Ratio Lower Upper
 122 100
 107 114.3 85.5 128.3
 121 58.7 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.259 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion: 93 Resp: 289287
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.1 40.7
 123 12.0 9.9 14.9

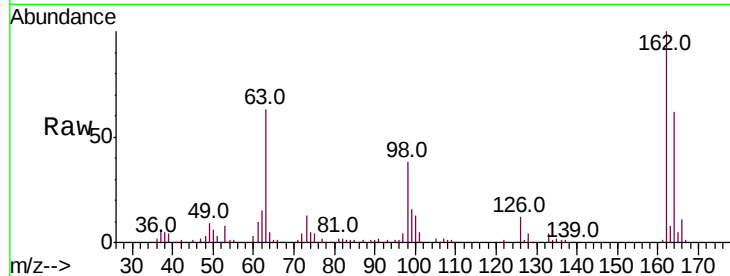




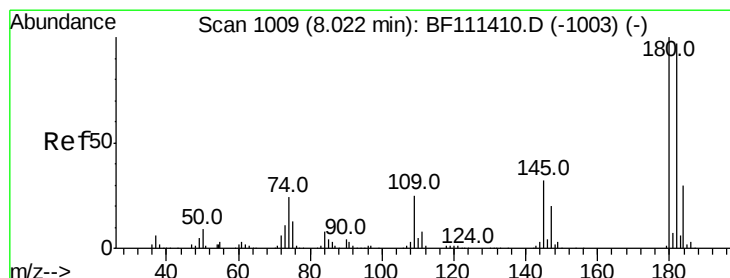
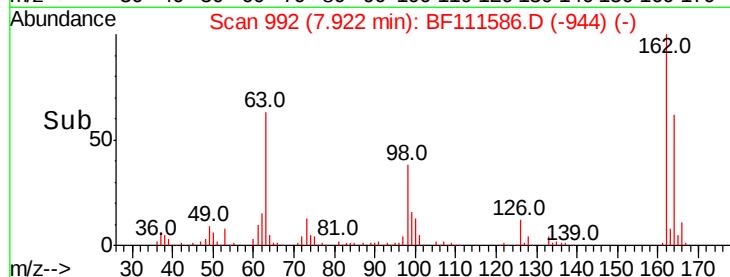
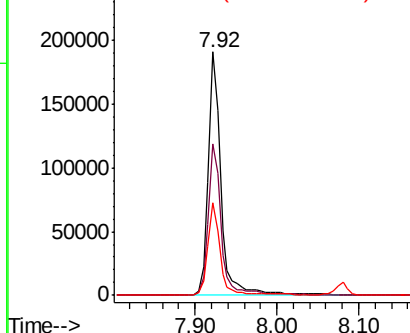
#29
2,4-Dichlorophenol
Concen: 32.008 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 207624
Ion Ratio Lower Upper
162 100
164 62.2 44.4 84.4
98 37.9 20.3 60.3

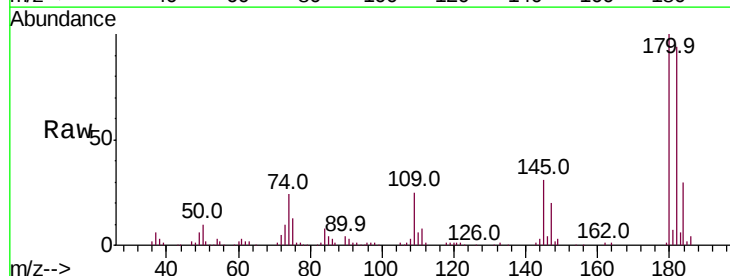


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

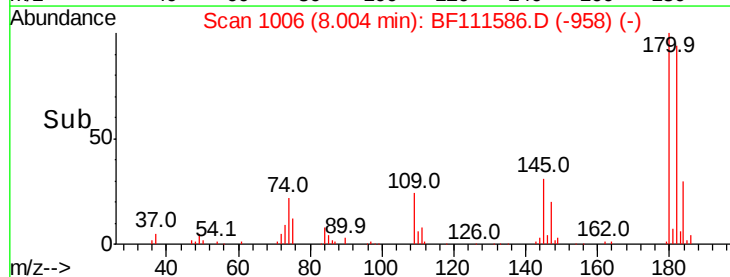
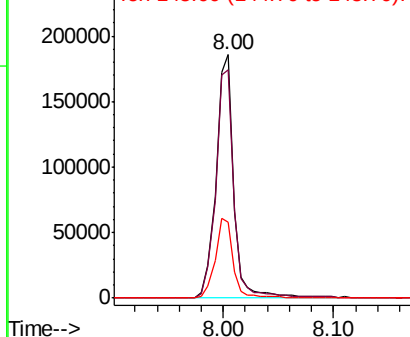


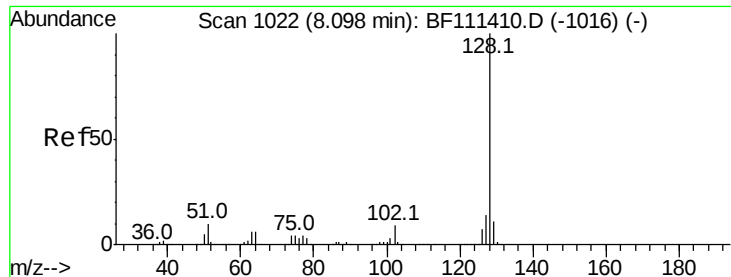
#30
1,2,4-Trichlorobenzene
Concen: 30.497 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:180 Resp: 207089
Ion Ratio Lower Upper
180 100
182 93.7 75.6 113.4
145 31.4 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

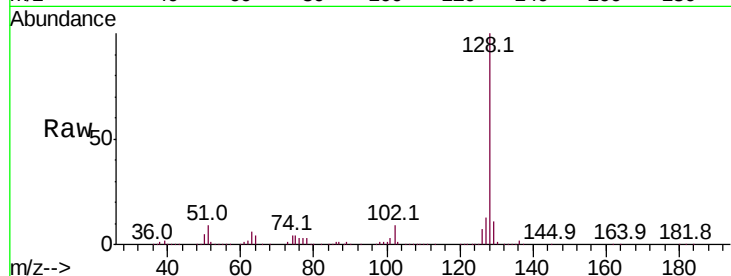




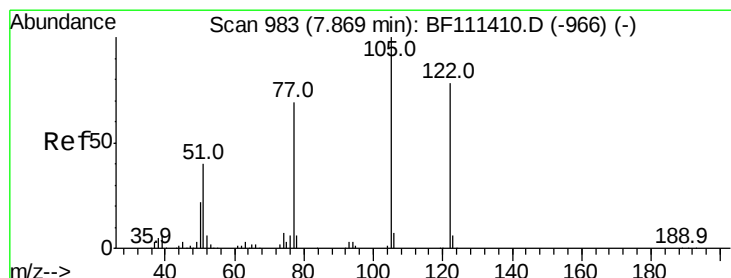
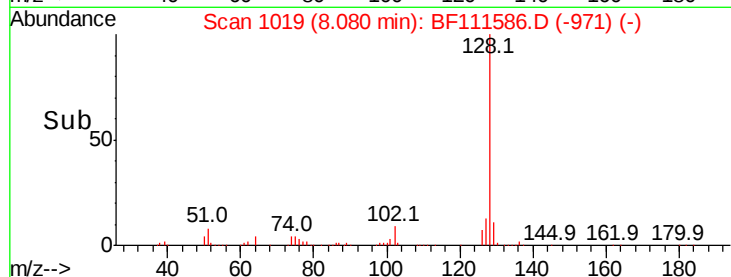
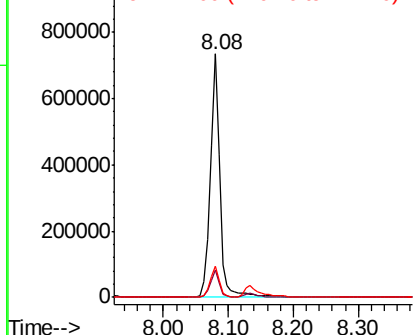
#31
Naphthalene
Concen: 34.056 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 751522
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 12.8 12.0 18.0

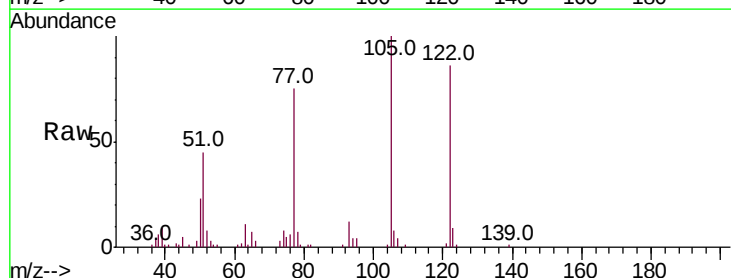


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

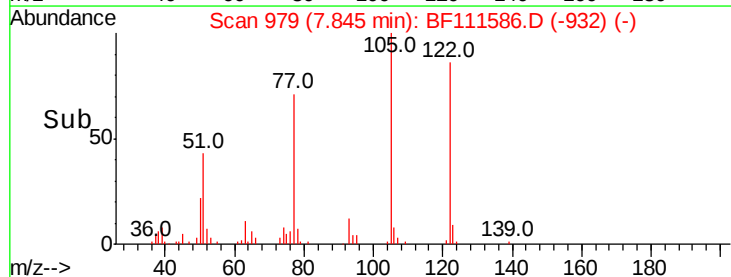
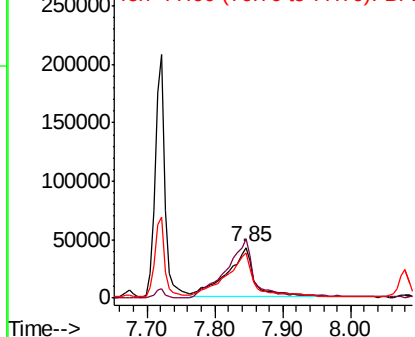


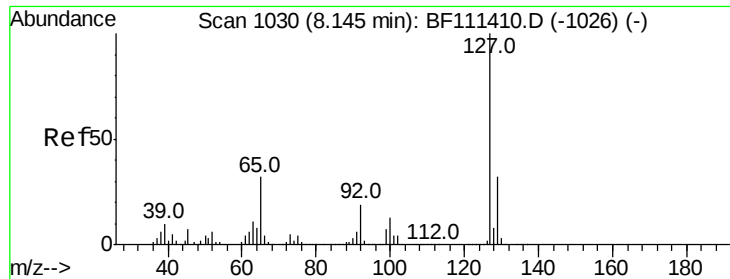
#32
Benzoic acid
Concen: 23.624 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:122 Resp: 124048
Ion Ratio Lower Upper
122 100
105 116.8 97.0 137.0
77 87.9 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

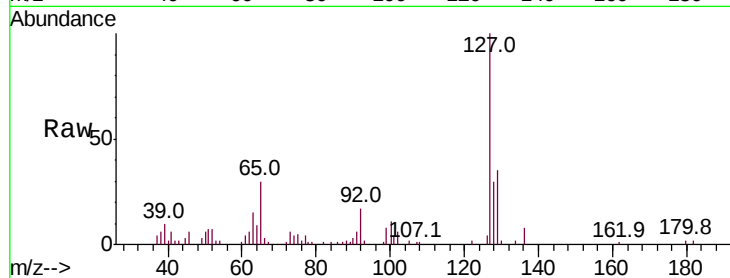




#33
4-Chloroaniline
Concen: 6.236 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	61187
Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.6	39.8
65	30.0	25.7	38.5
92	17.4	15.4	23.2



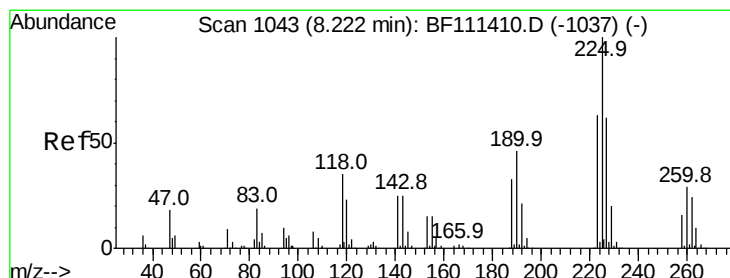
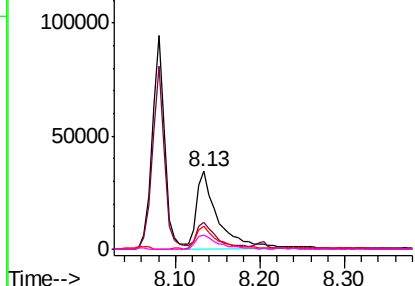
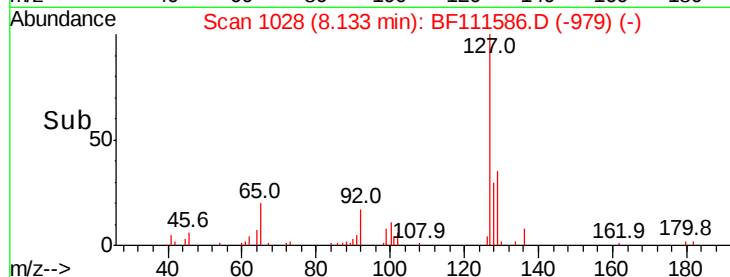
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

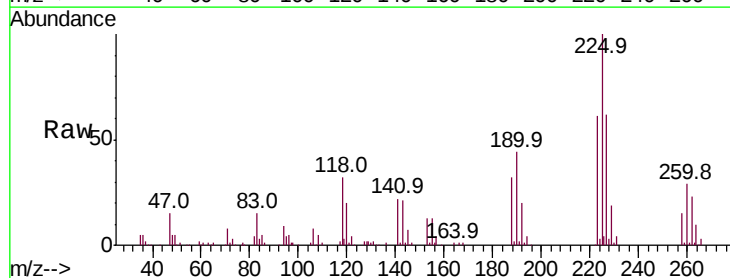
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.010 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:	225	Resp:	119753
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.7	76.1
227	61.7	52.6	78.8

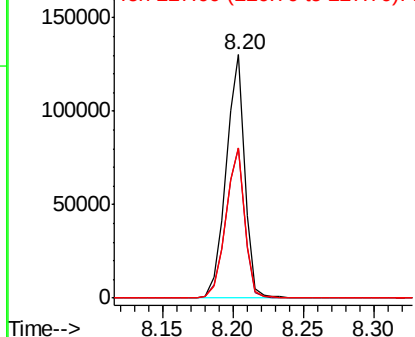
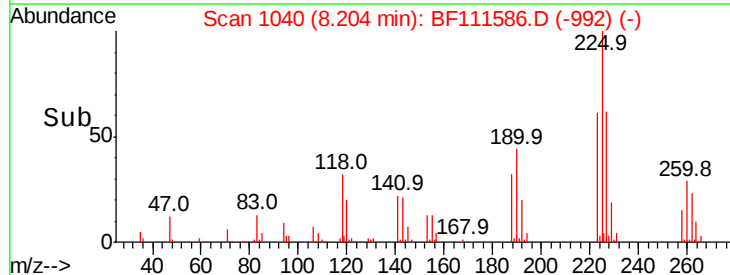


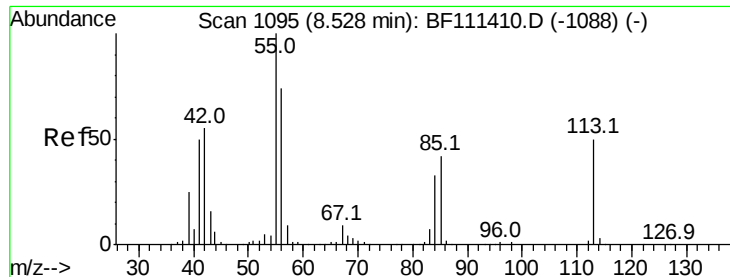
Abundance

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

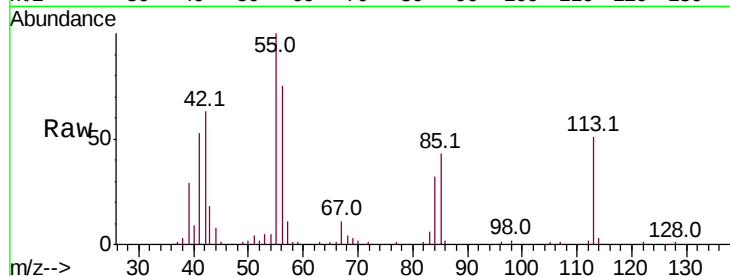




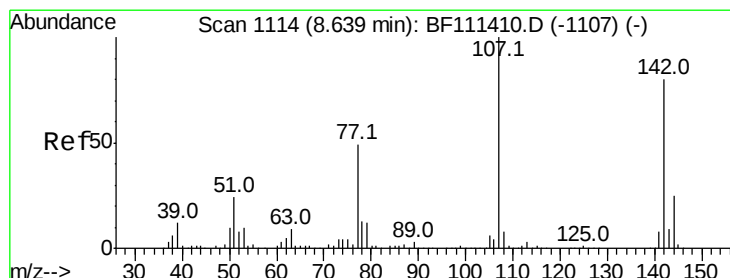
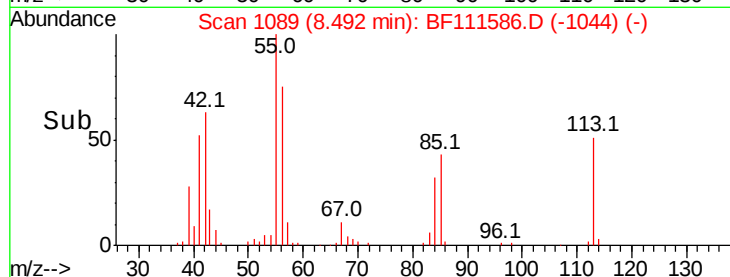
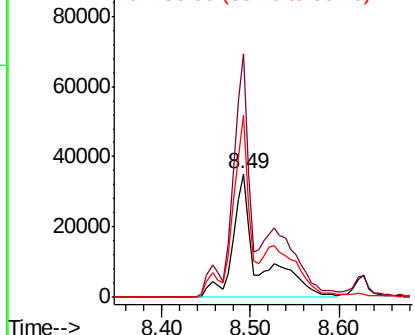
#35
 Caprolactam
 Concen: 29.731 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 71602
 Ion Ratio Lower Upper
 113 100
 55 197.1 184.1 224.1
 56 147.8 126.0 166.0

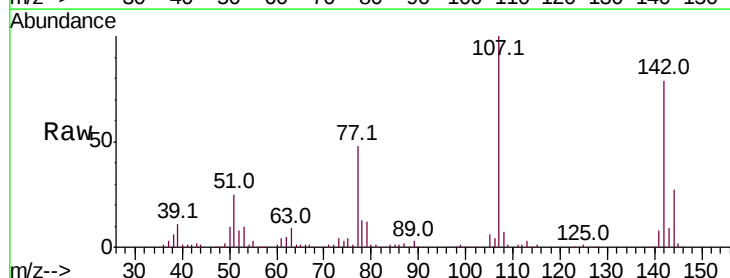


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

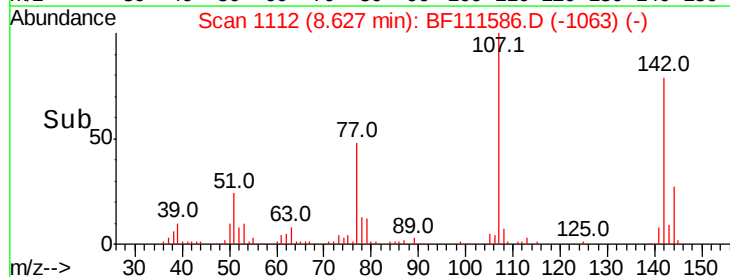
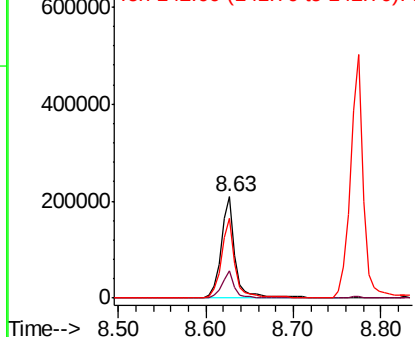


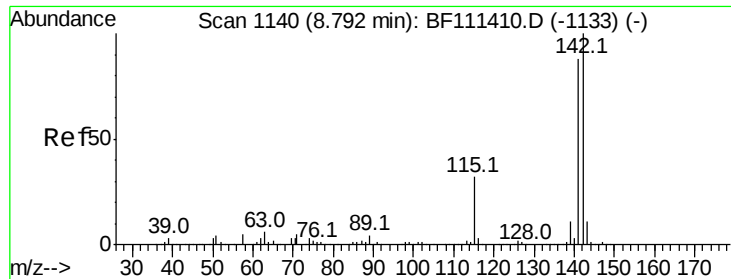
#36
 4-Chloro-3-methylphenol
 Concen: 32.912 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:107 Resp: 234994
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.8 29.6
 142 79.3 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

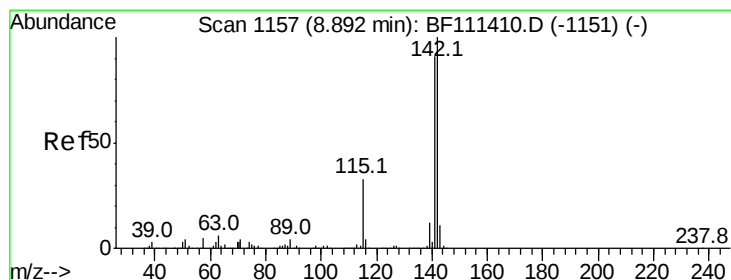
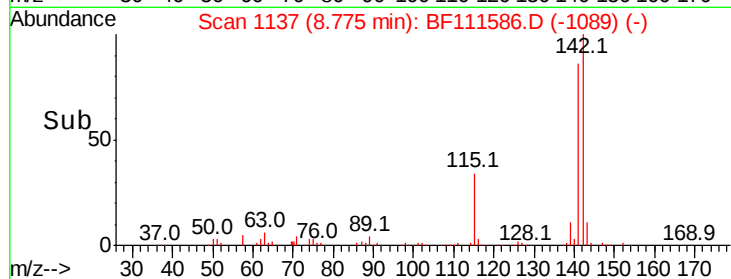
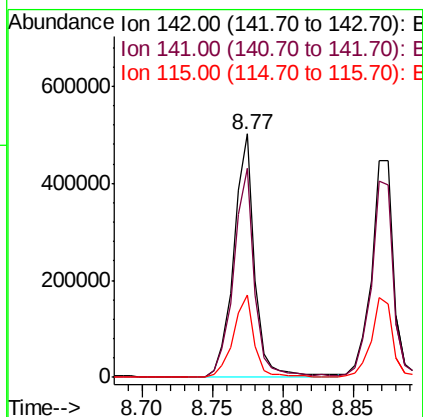
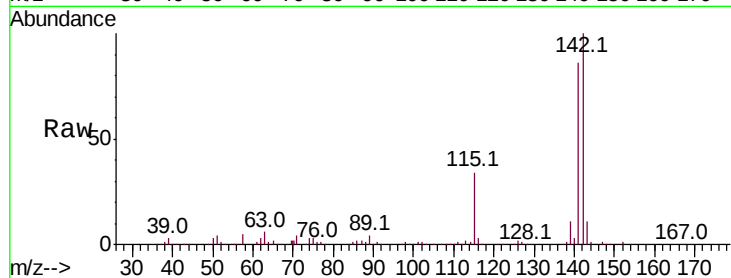




#37
2-Methylnaphthalene
Concen: 34.521 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

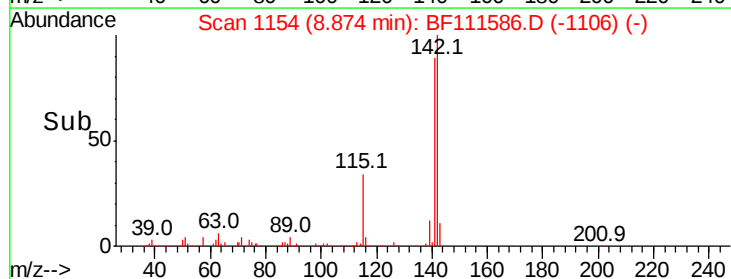
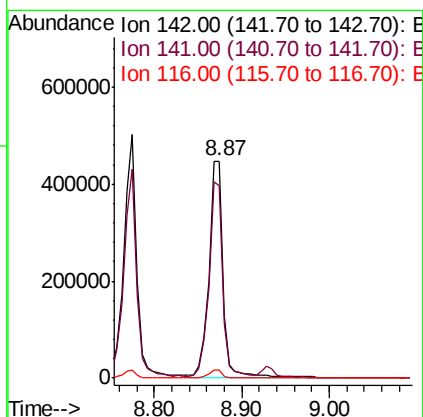
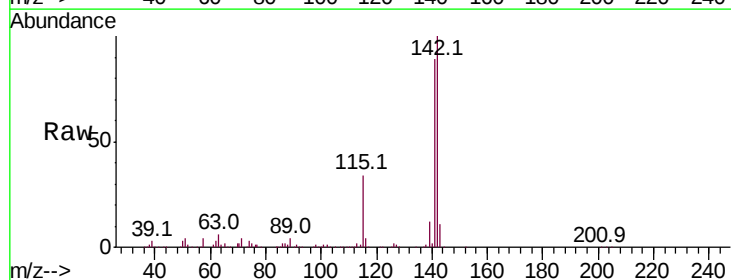
Instrument :
BNA_F
ClientSampleId :

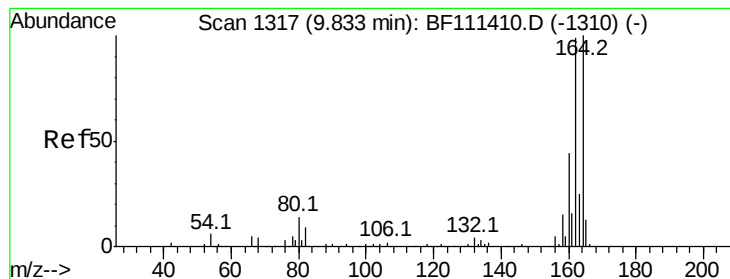
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.6	105.8
115	33.9	27.0	40.6



#38
1-Methylnaphthalene
Concen: 34.830 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.2	111.4
116	3.5	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

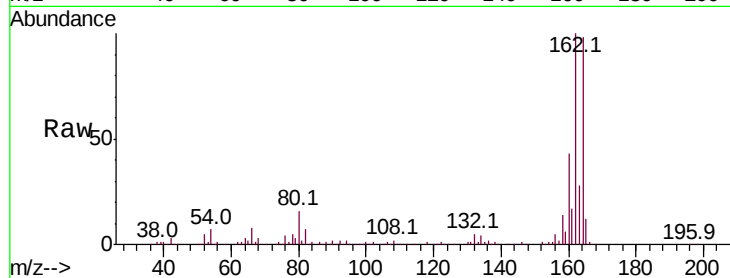
Tot Ion:164 Resp: 245043

Ion Ratio Lower Upper

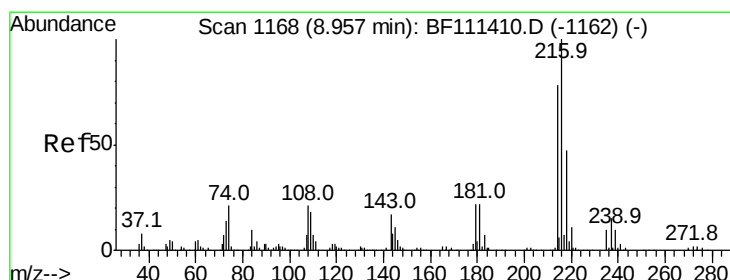
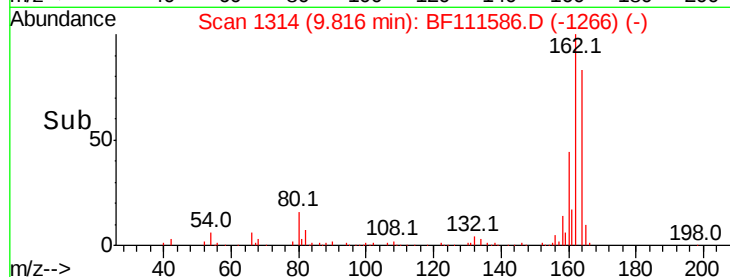
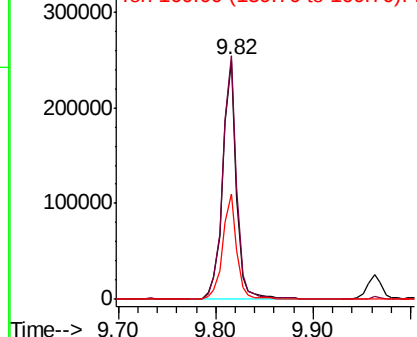
164 100

162 102.0 81.4 122.0

160 44.1 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.805 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:216 Resp: 200295

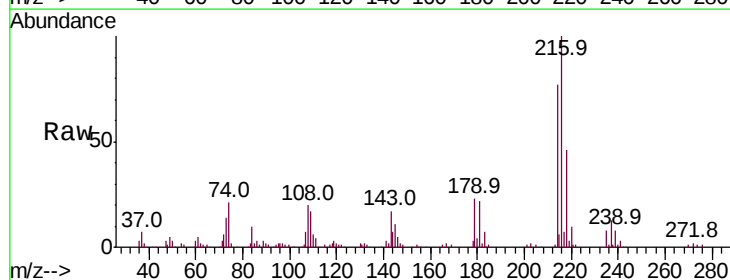
Ion Ratio Lower Upper

216 100

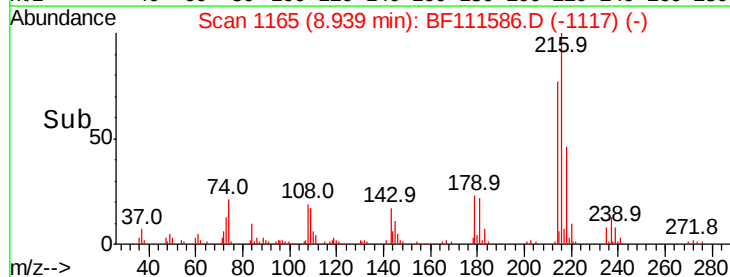
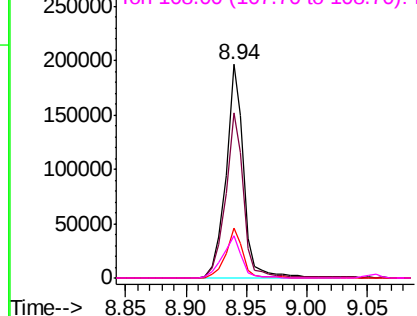
214 78.5 63.8 95.8

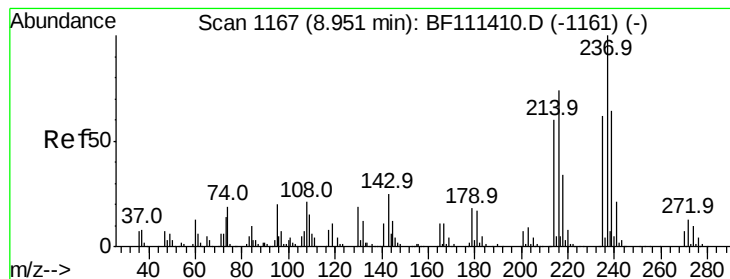
179 22.3 17.9 26.9

108 22.2 18.4 27.6



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





#41

Hexachlorocyclopentadiene

Concen: 38.104 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

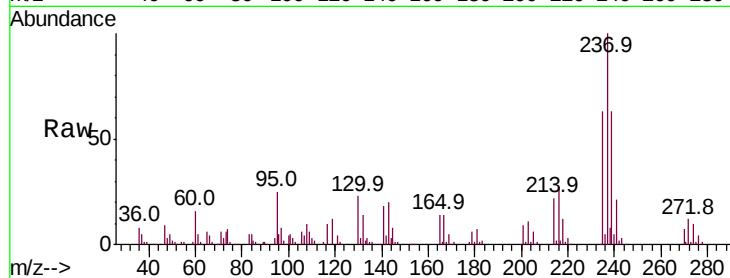
Tot Ion:237 Resp: 131465

Ion Ratio Lower Upper

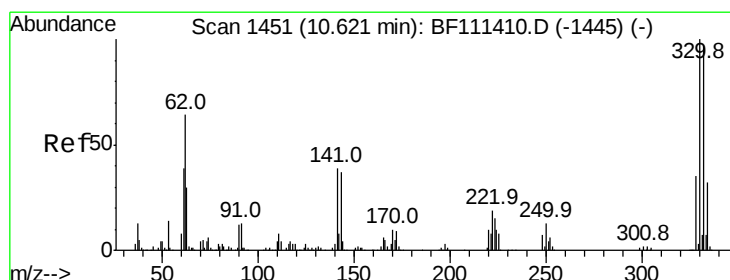
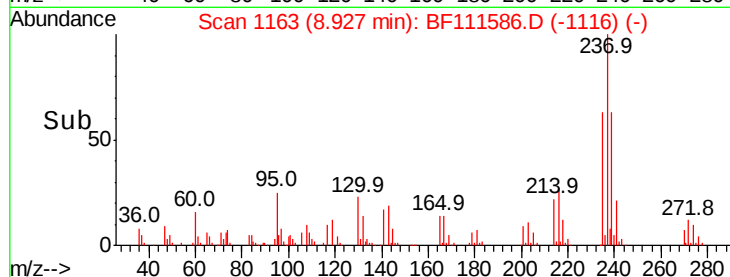
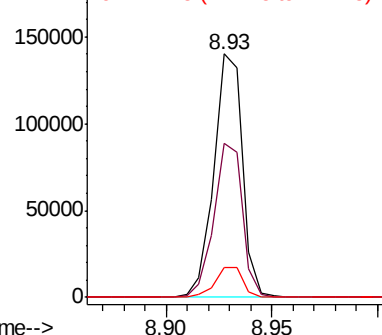
237 100

235 63.3 43.1 83.1

272 12.1 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: 70.283 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

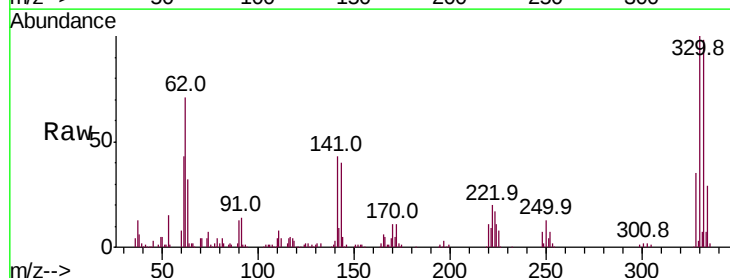
Tgt Ion:330 Resp: 154276

Ion Ratio Lower Upper

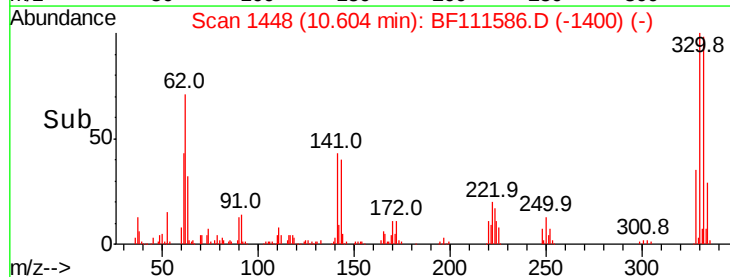
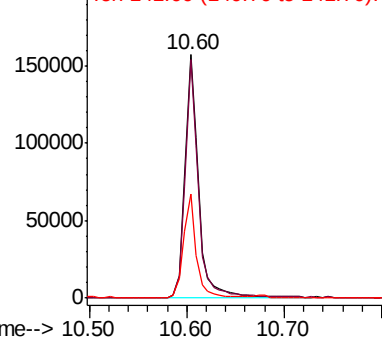
330 100

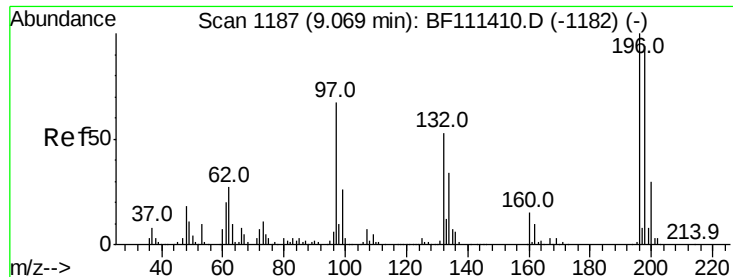
332 95.0 76.0 114.0

141 40.3 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

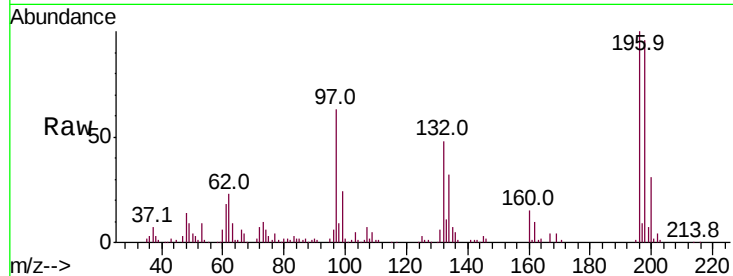




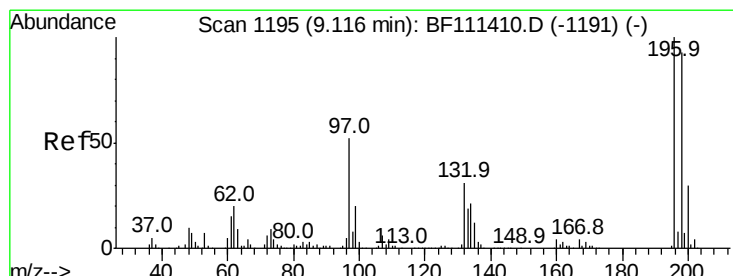
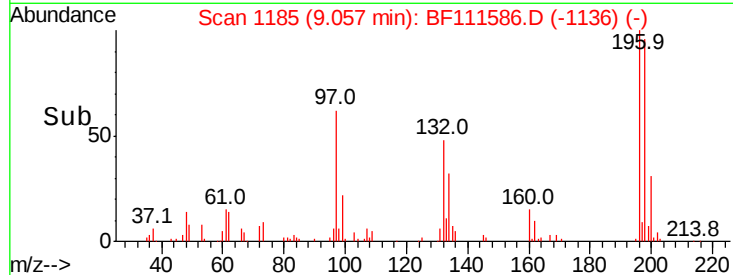
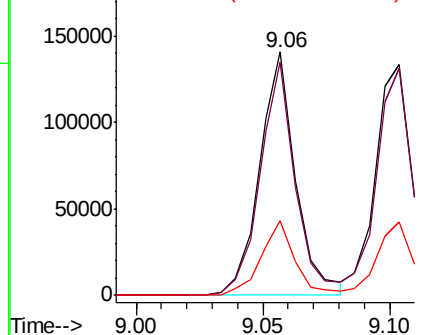
#43
 2,4,6-Trichlorophenol
 Concen: 29.152 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	138652
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	30.6	24.9	37.3

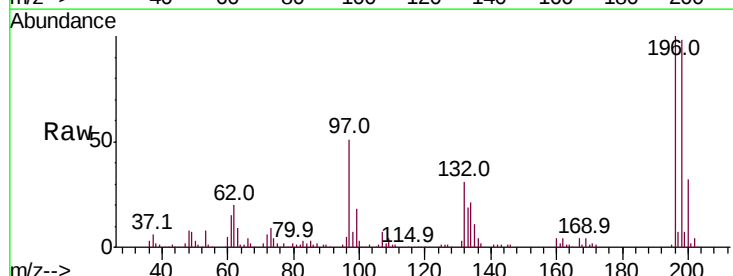


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

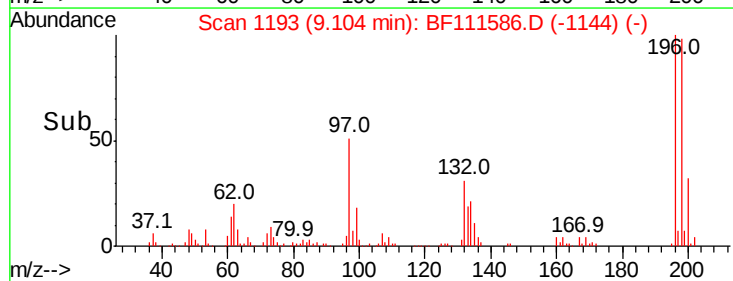
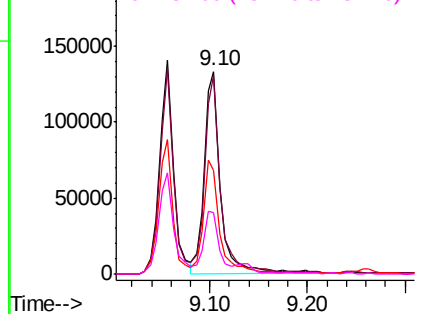


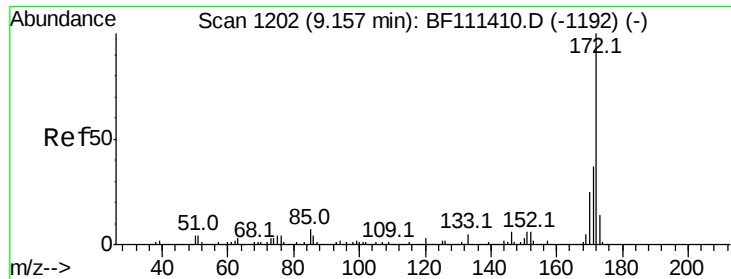
#44
 2,4,5-Trichlorophenol
 Concen: 30.238 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	196	Resp:	153041
Ion	Ratio	Lower	Upper
196	100		
198	98.2	72.9	109.3
97	51.5	45.3	67.9
132	30.6	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

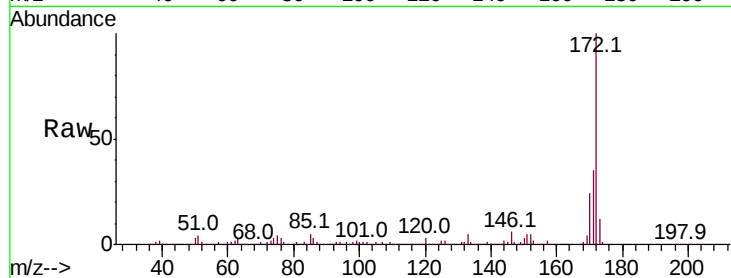




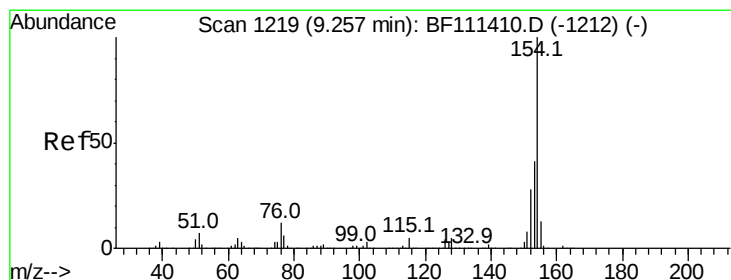
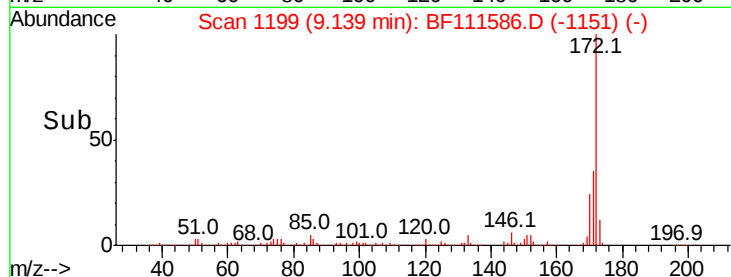
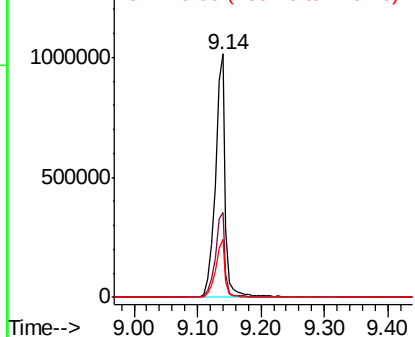
#45
2-Fluorobiphenyl
Concen: 71.561 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1135249
Ion Ratio Lower Upper
172 100
171 34.8 33.0 49.4
170 23.6 22.3 33.5

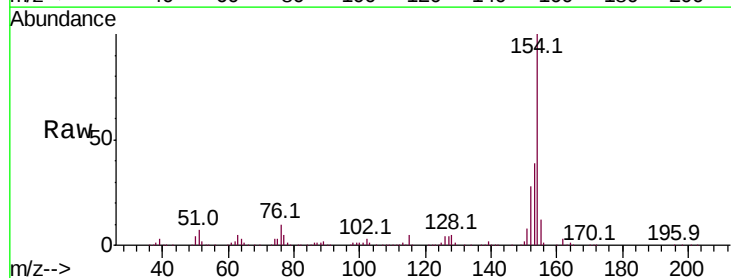


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

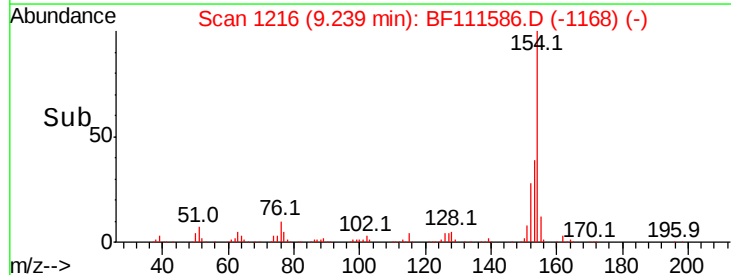
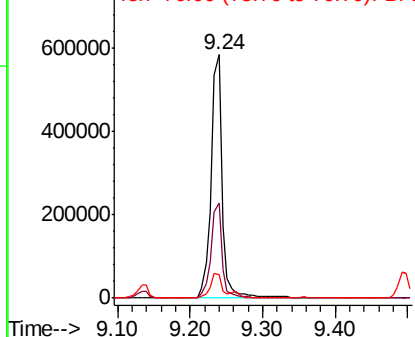


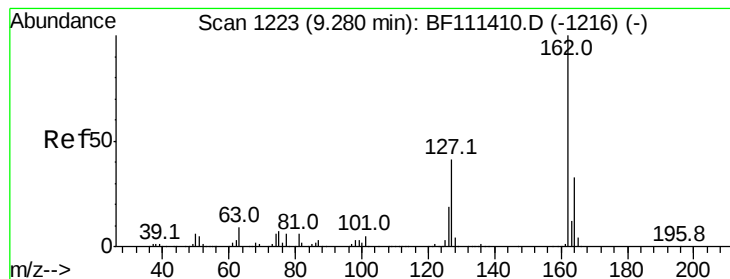
#46
1,1'-Biphenyl
Concen: 30.009 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:154 Resp: 623084
Ion Ratio Lower Upper
154 100
153 39.2 23.7 63.7
76 9.5 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

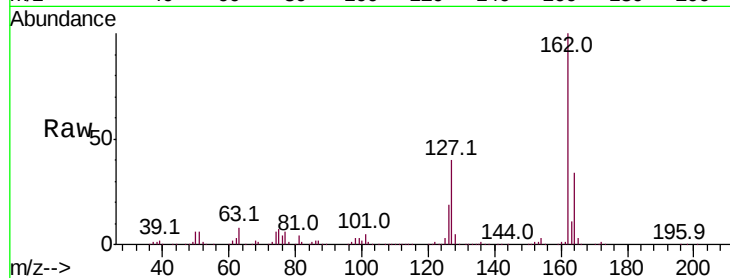




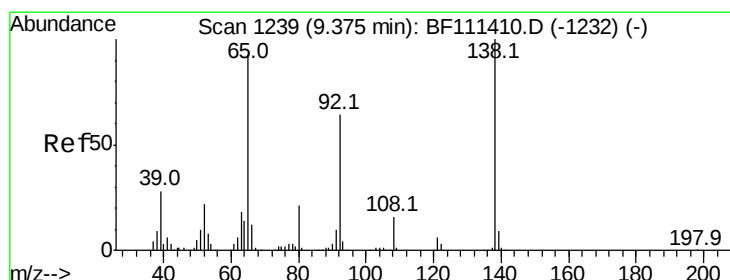
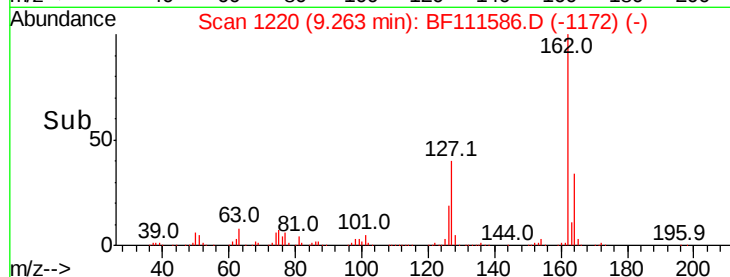
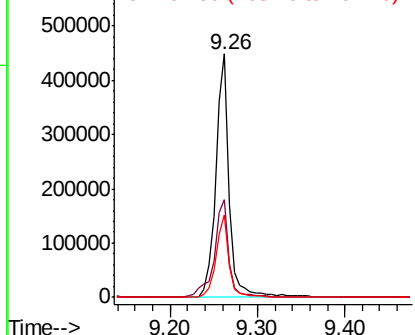
#47
 2-Chloronaphthalene
 Concen: 30.529 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	35.0	52.4
164	33.7	28.4	42.6

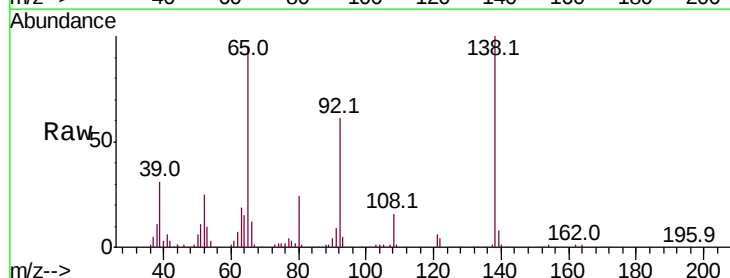


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

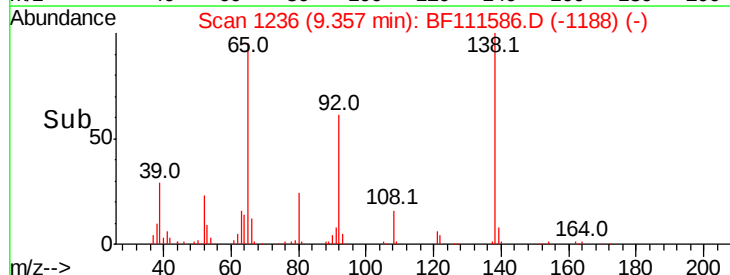
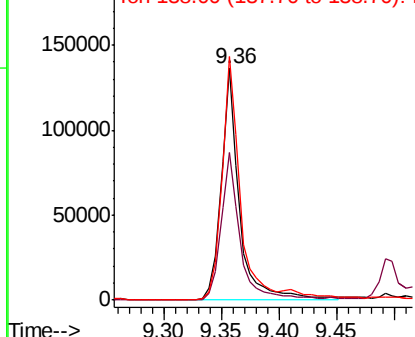


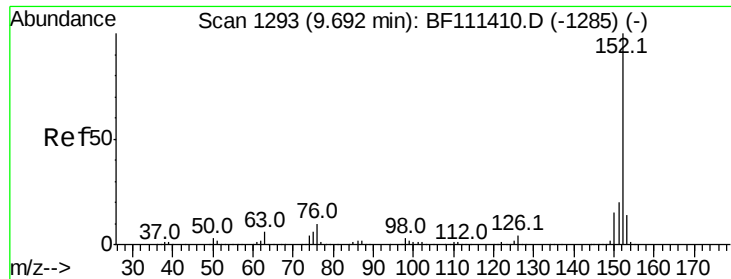
#48
 2-Nitroaniline
 Concen: 29.291 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	53.5	80.3
138	104.9	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: 33.913 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

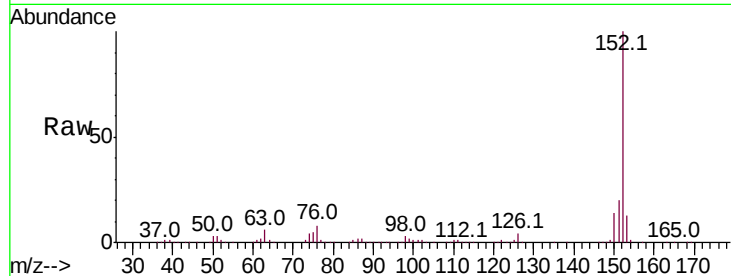
Tot Ion:152 Resp: 794466

Ion Ratio Lower Upper

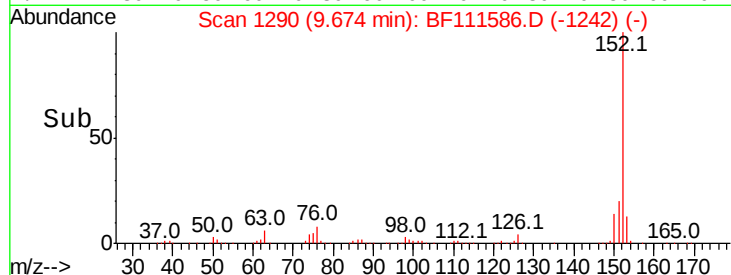
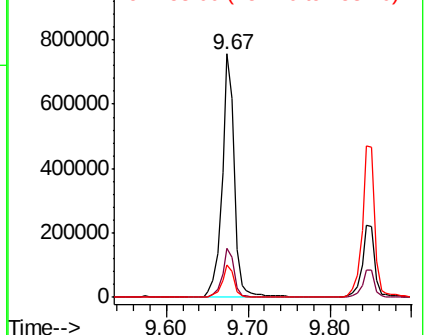
152 100

151 20.2 18.0 27.0

153 13.1 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: 33.281 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

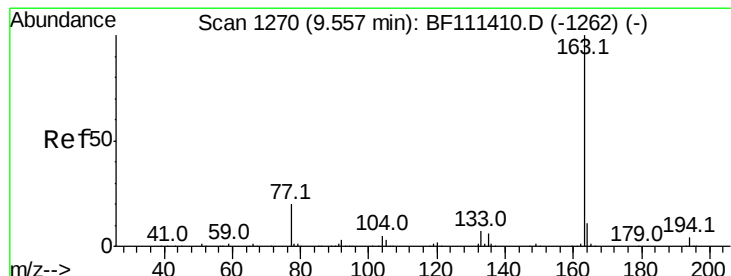
Tgt Ion:163 Resp: 587330

Ion Ratio Lower Upper

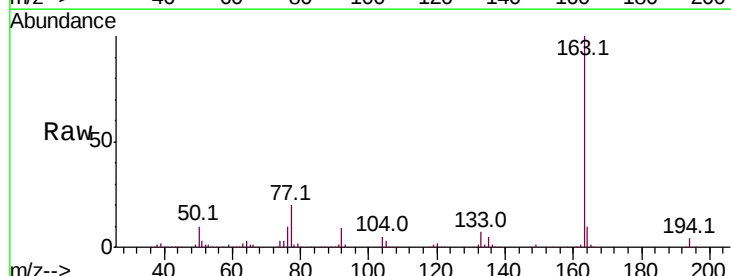
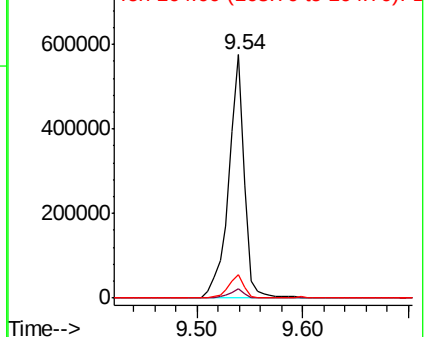
163 100

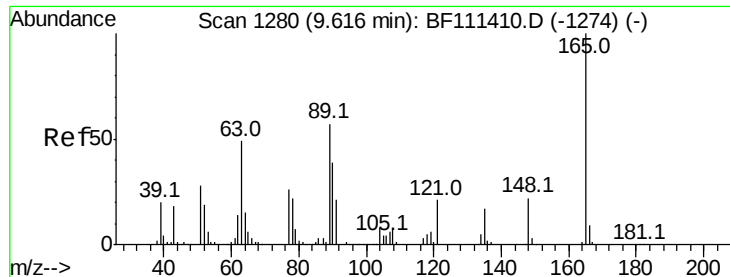
194 3.7 3.0 4.6

164 9.9 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

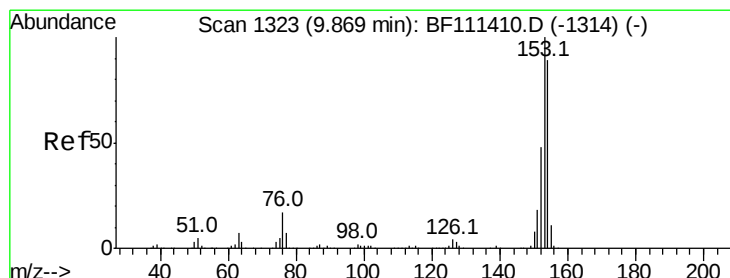
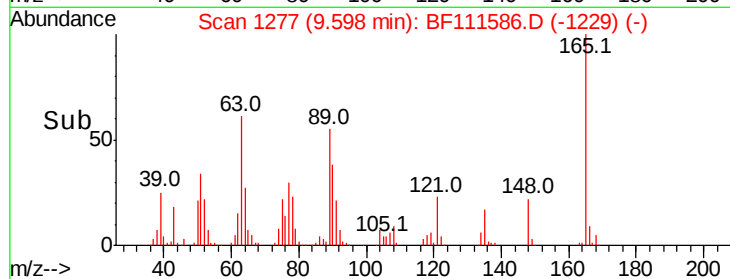
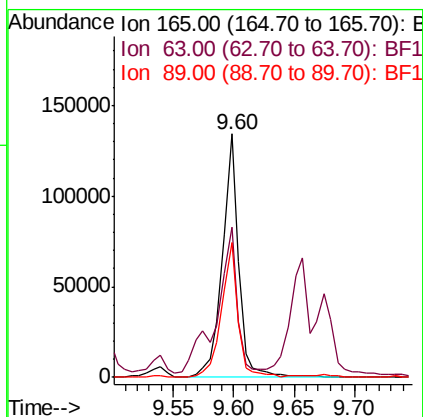
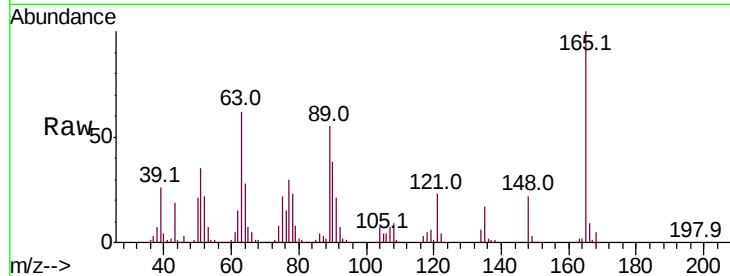




#51
 2,6-Dinitrotoluene
 Concen: 31.942 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

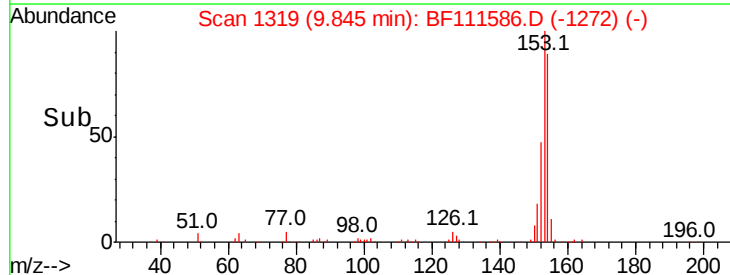
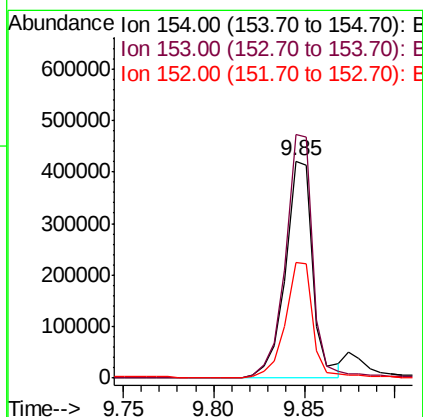
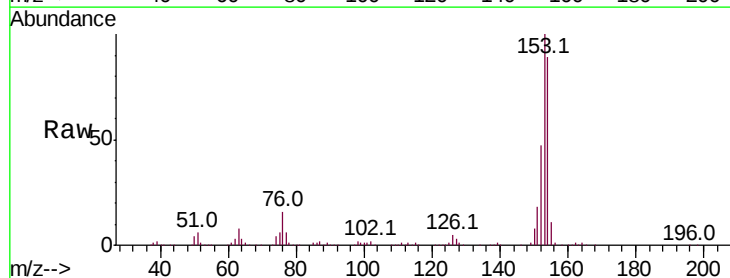
Instrument :
 BNA_F
 ClientSampleId :

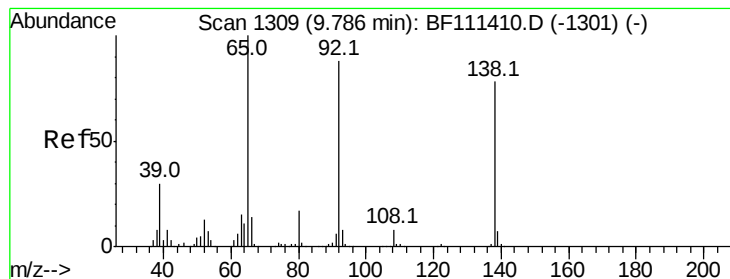
Tot Ion:165 Resp: 126884
 Ion Ratio Lower Upper
 165 100
 63 61.7 40.5 60.7#
 89 55.4 40.0 60.0



#52
 Acenaphthene
 Concen: 30.209 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:154 Resp: 447292
 Ion Ratio Lower Upper
 154 100
 153 112.2 87.8 131.8
 152 53.1 43.4 65.2





#53

3-Nitroaniline

Concen: 11.292 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

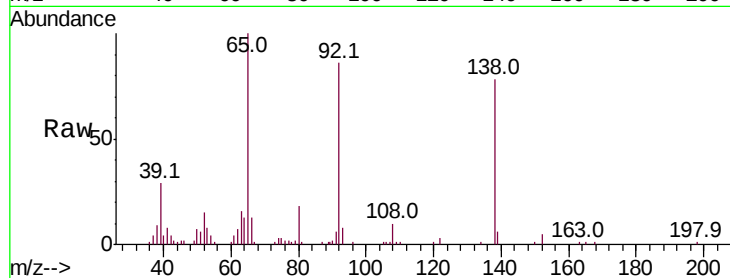
Tot Ion:138 Resp: 54484

Ion Ratio Lower Upper

138 100

108 12.4 8.2 12.4#

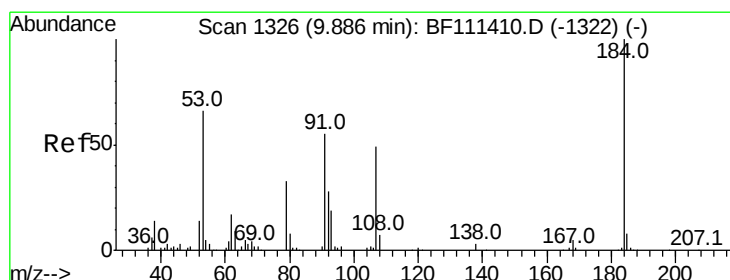
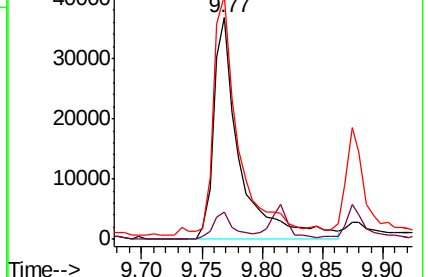
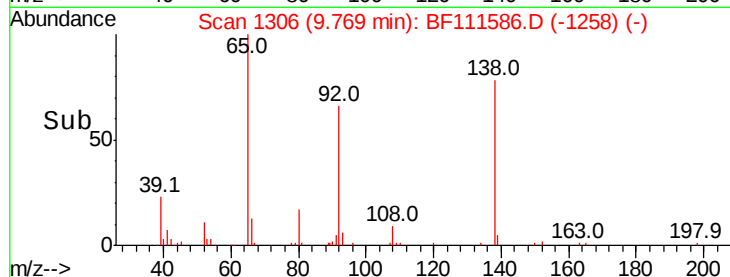
92 109.8 93.4 140.2



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: 44.670 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

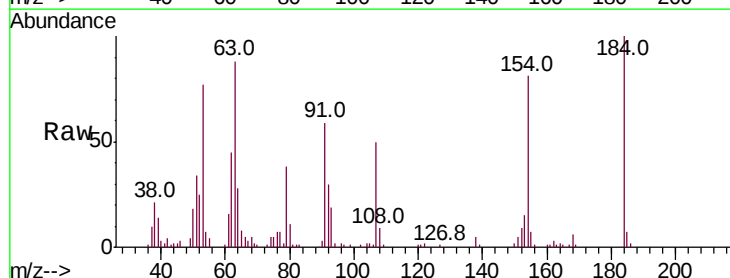
Tgt Ion:184 Resp: 67508

Ion Ratio Lower Upper

184 100

63 87.7 62.3 93.5

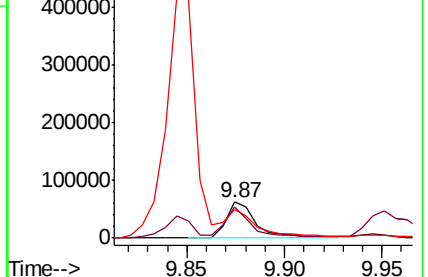
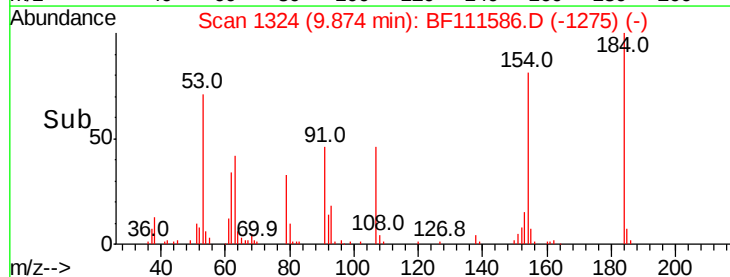
154 80.7 56.2 84.2

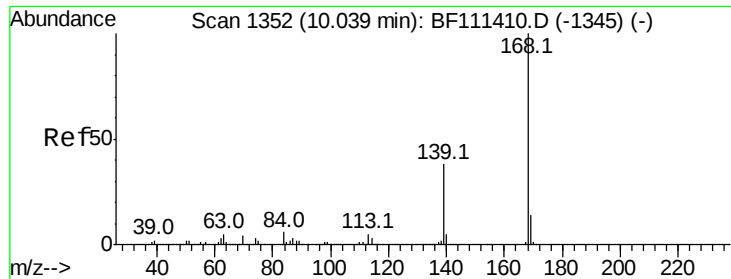


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

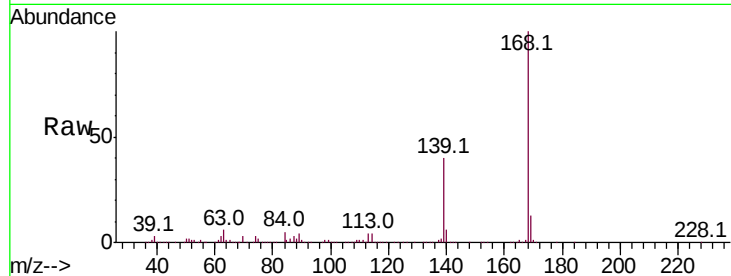




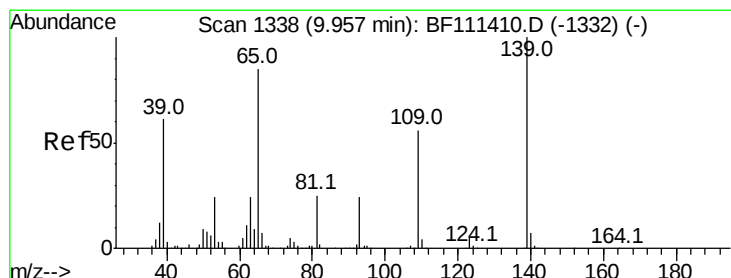
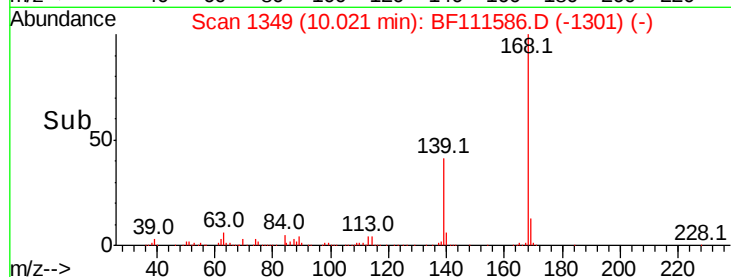
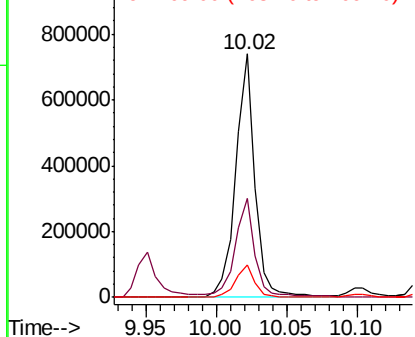
#55
Dibenzofuran
Concen: 32.859 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 706210
Ion Ratio Lower Upper
168 100
139 40.5 32.6 49.0
169 13.1 11.8 17.6

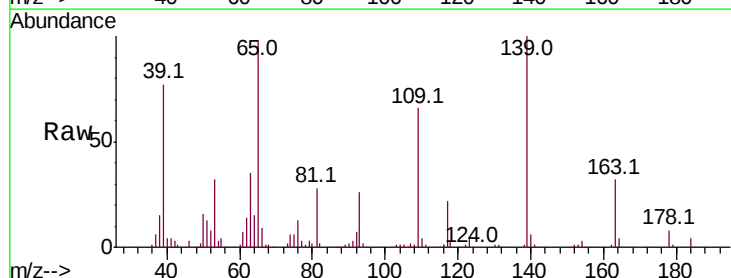


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

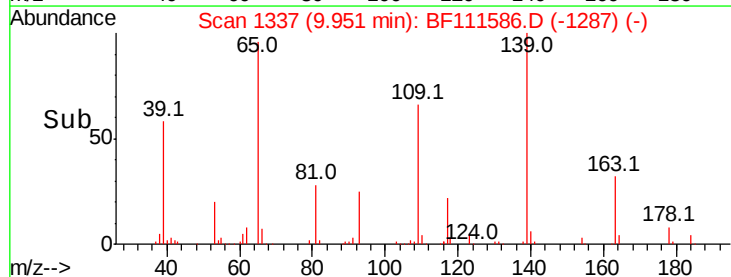
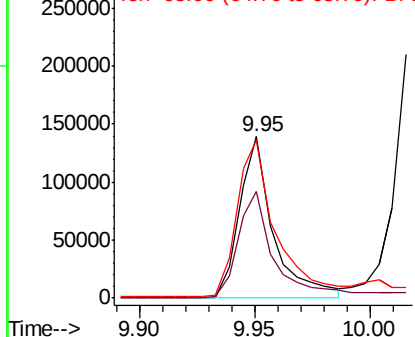


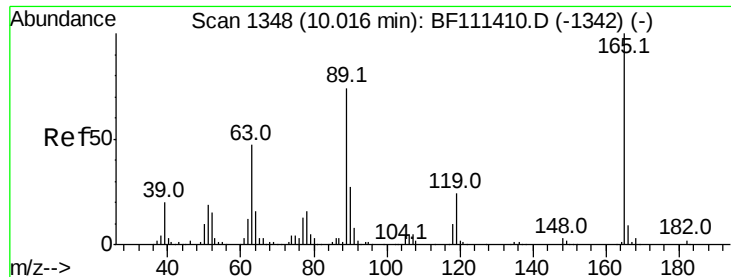
#56
4-Nitrophenol
Concen: 42.891 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:139 Resp: 143214
Ion Ratio Lower Upper
139 100
109 66.1 41.8 81.8
65 98.1 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

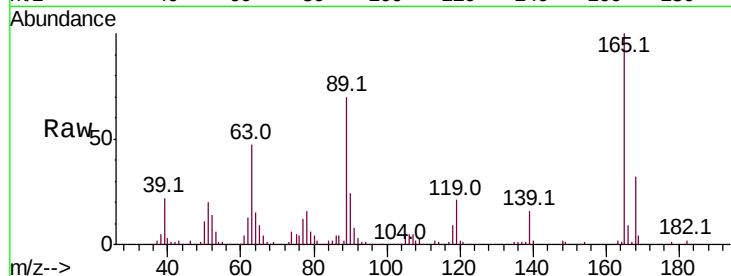




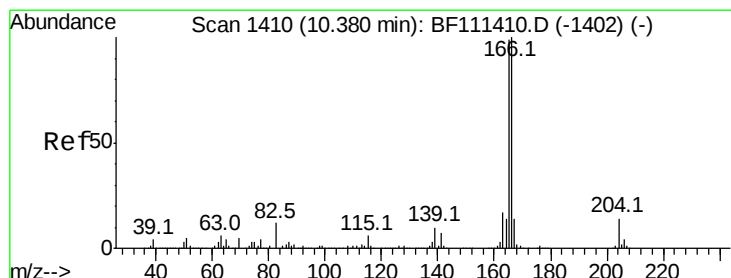
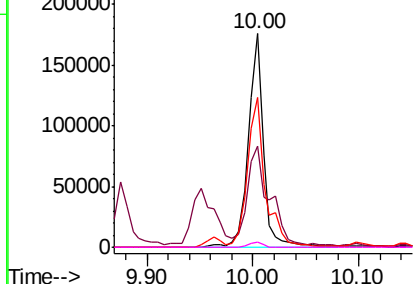
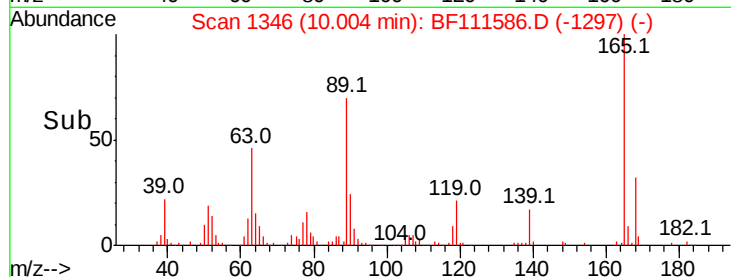
#57
2,4-Dinitrotoluene
Concen: 33.628 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 175326
Ion Ratio Lower Upper
165 100
63 47.1 34.6 52.0
89 69.9 56.2 84.4
182 2.2 1.8 2.6

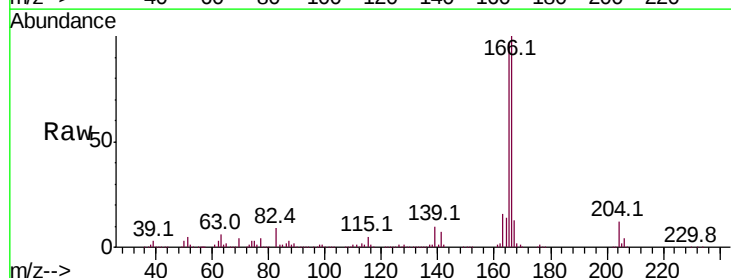


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

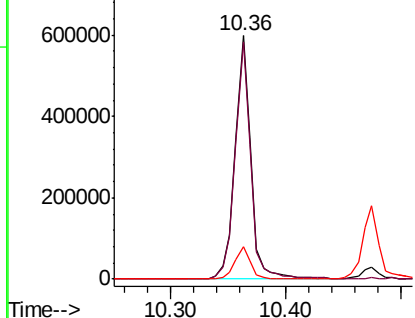
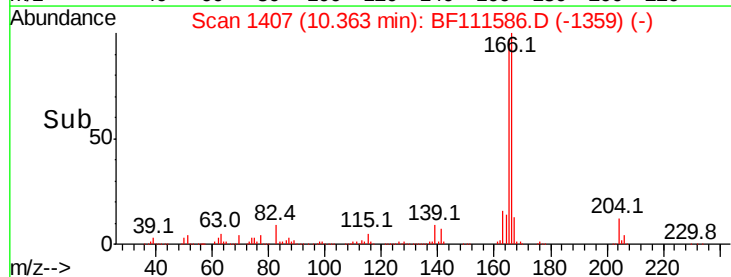


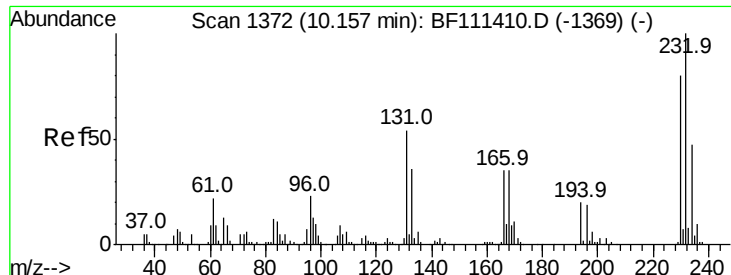
#58
Fluorene
Concen: 36.509 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:166 Resp: 569144
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.3 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

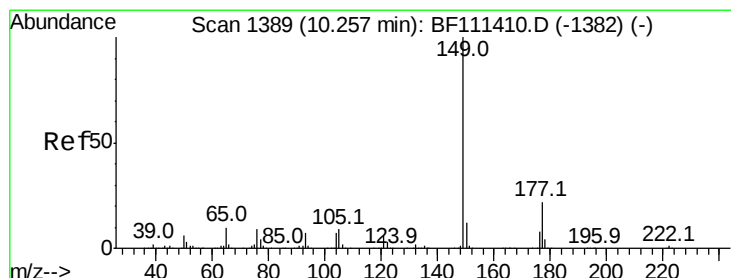
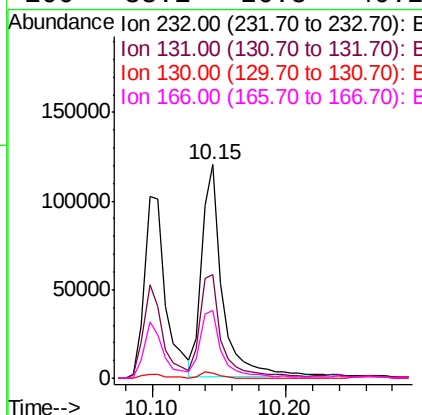
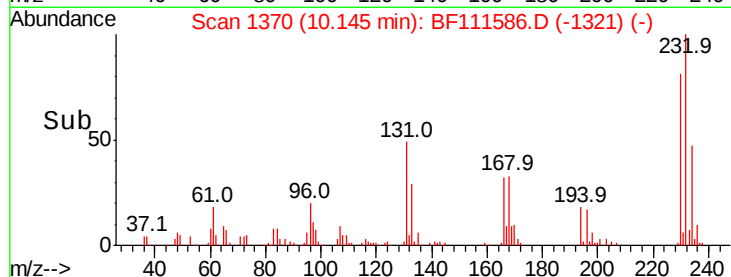
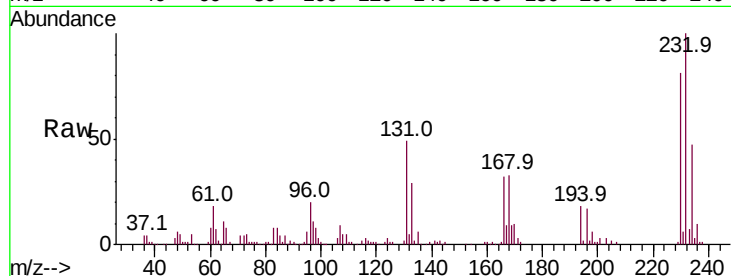




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.334 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

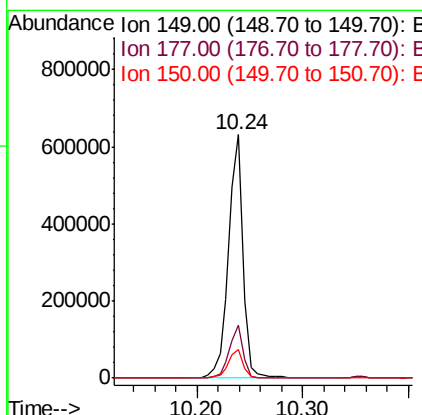
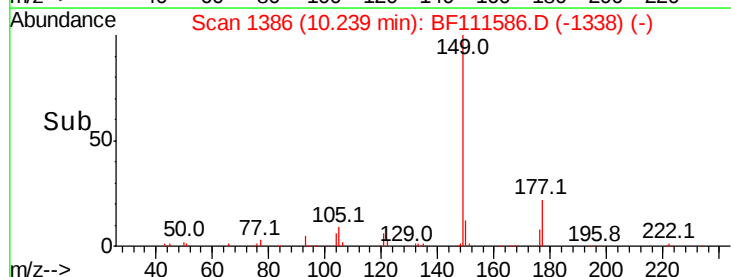
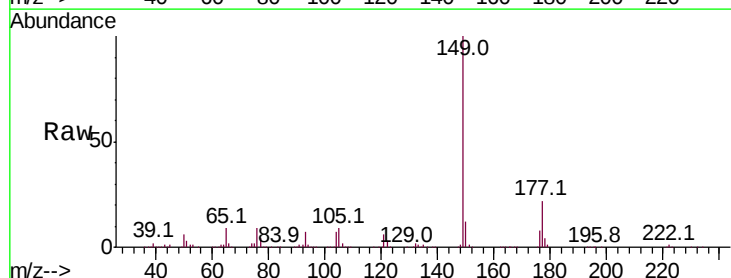
Instrument :
 BNA_F
 ClientSampleId :

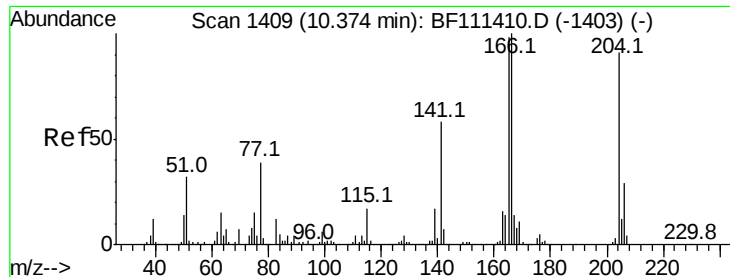
Tot Ion:	232	Resp:	127859
Ion	Ratio	Lower	Upper
232	100		
131	50.1	40.9	61.3
130	2.6	2.0	3.0
166	33.1	26.8	40.2



#60
 Diethylphthalate
 Concen: 33.618 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	149	Resp:	600961
Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	12.0	10.6	15.8

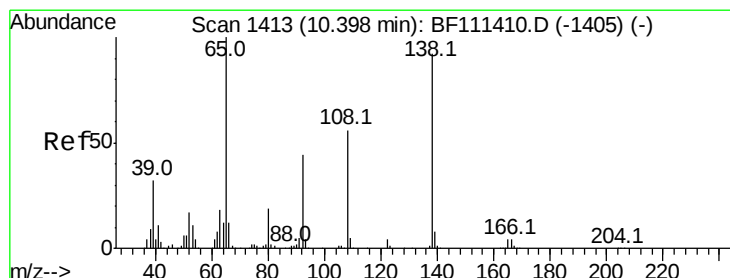
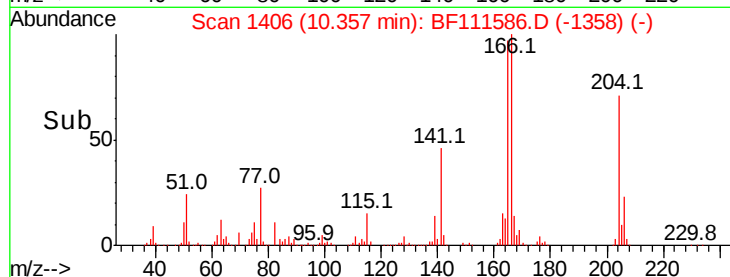
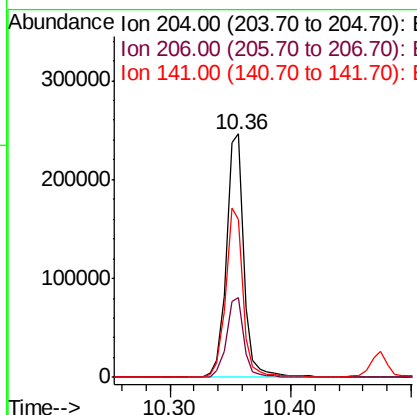
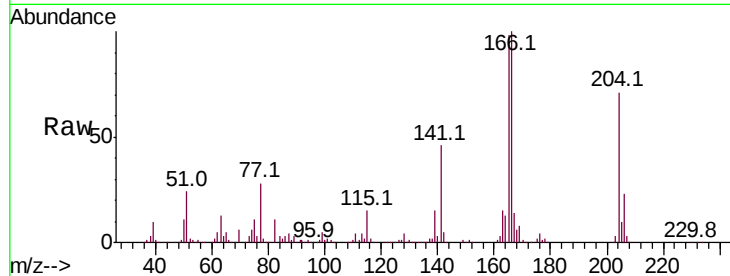




#61
 4-Chlorophenyl-phenylether
 Concen: 32.639 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

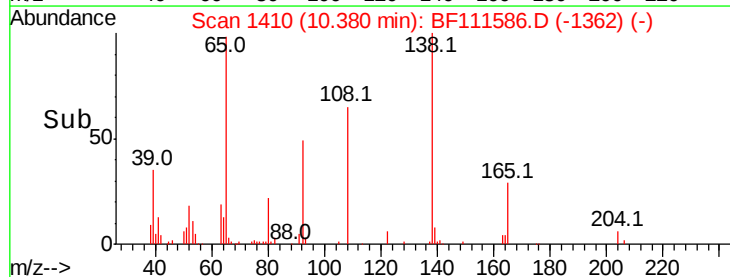
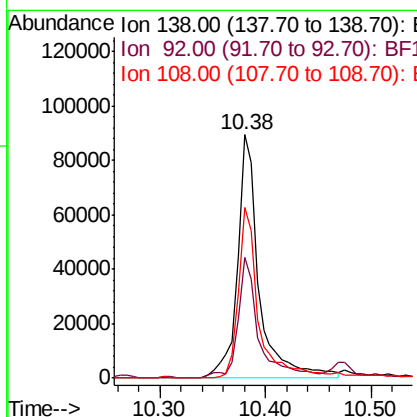
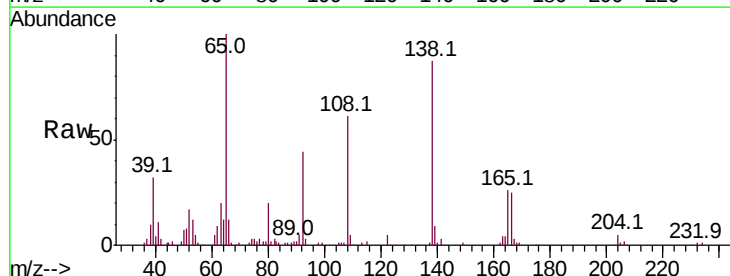
Instrument :
 BNA_F
 ClientSampleId :

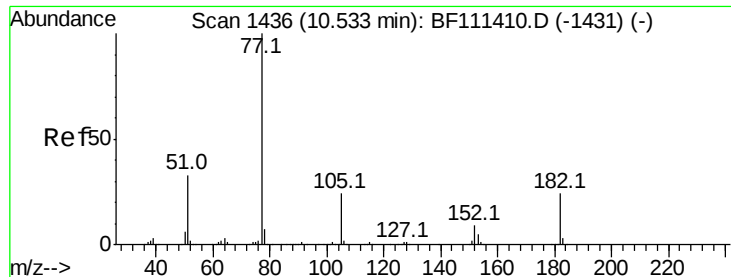
Tot Ion:	204	Resp:	248934
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	64.7	52.6	78.8



#62
 4-Nitroaniline
 Concen: 26.371 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	138	Resp:	125957
Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.9	69.9
108	70.0	43.2	83.2





#63

Azobenzene

Concen: 32.120 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 566063

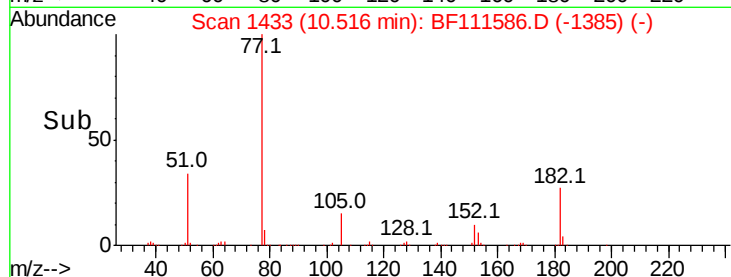
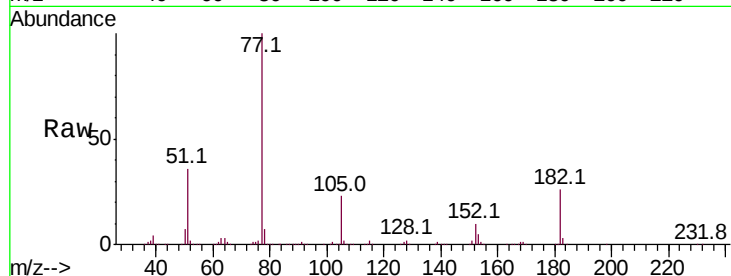
Ion Ratio Lower Upper

77 100

182 25.9 4.9 44.9

105 22.9 6.0 46.0

51 35.6 14.7 54.7

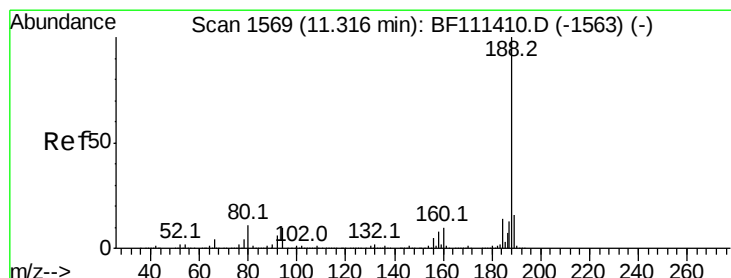
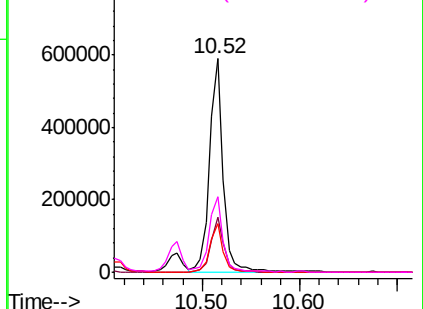


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF111586.D

Acq: 18 Dec 2018 20:13

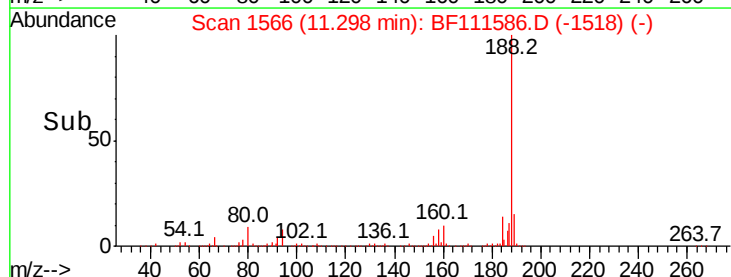
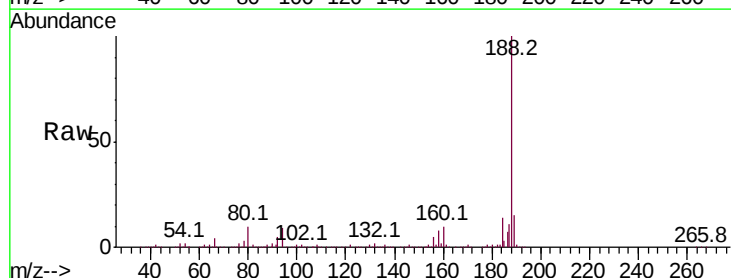
Tgt Ion: 188 Resp: 460301

Ion Ratio Lower Upper

188 100

94 8.6 9.6 14.4#

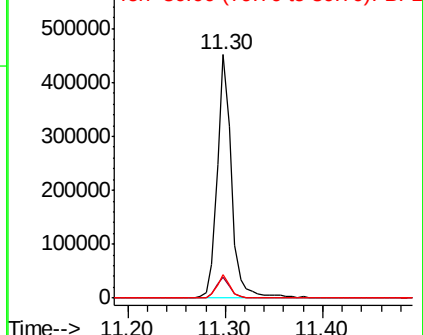
80 9.5 9.8 14.6#

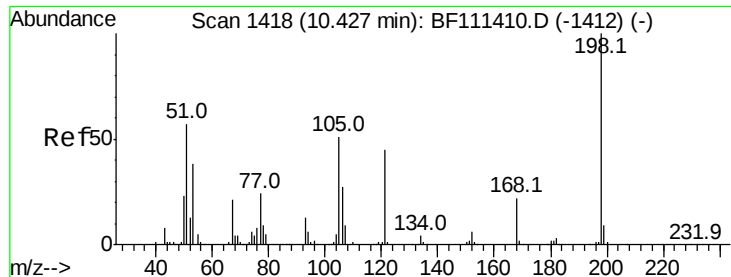


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

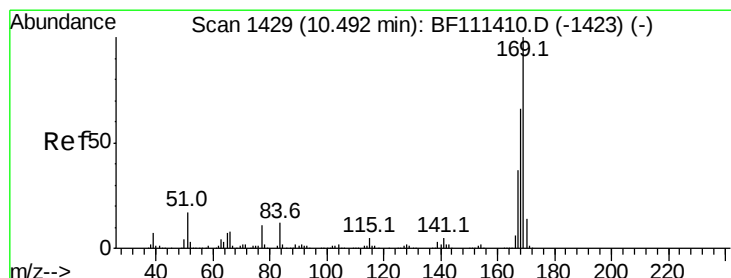
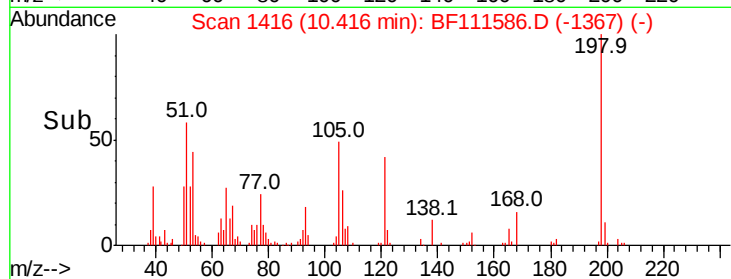
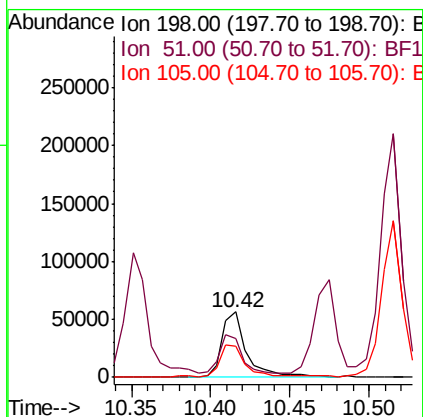
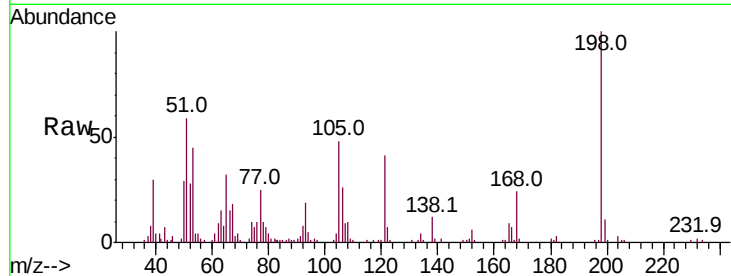




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.596 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

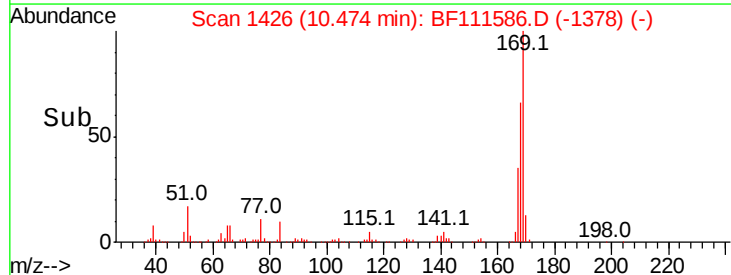
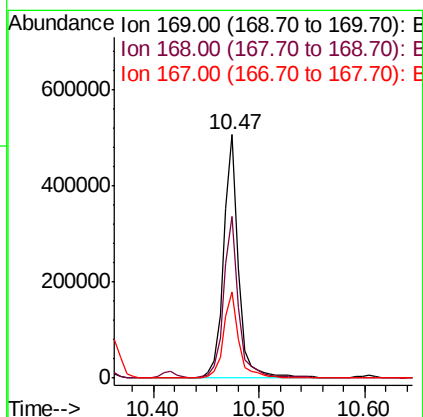
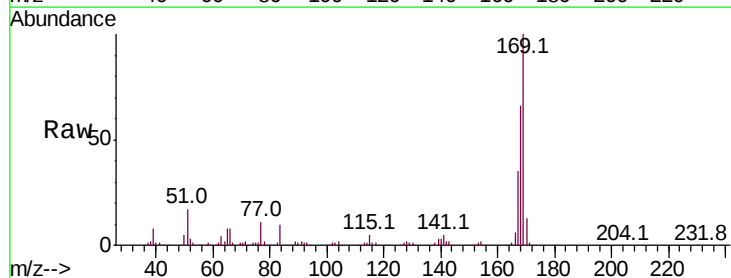
Instrument :
 BNA_F
 ClientSampleId :

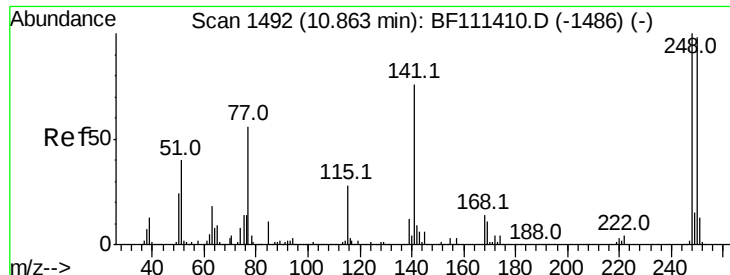
Tot Ion:198 Resp: 61317
 Ion Ratio Lower Upper
 198 100
 51 58.7 48.0 88.0
 105 47.8 34.0 74.0



#66
 n-Nitrosodiphenylamine
 Concen: 31.455 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:169 Resp: 499301
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.4 81.6
 167 35.4 30.5 45.7

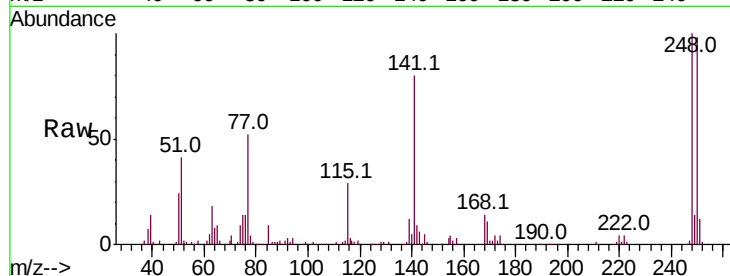




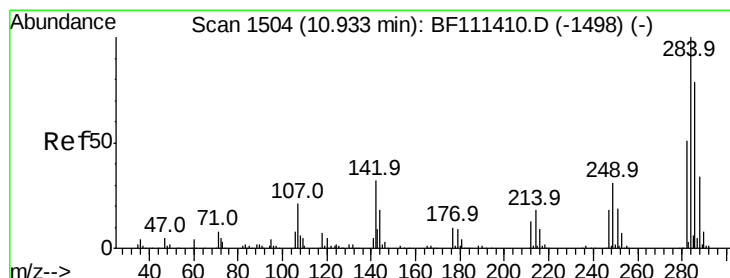
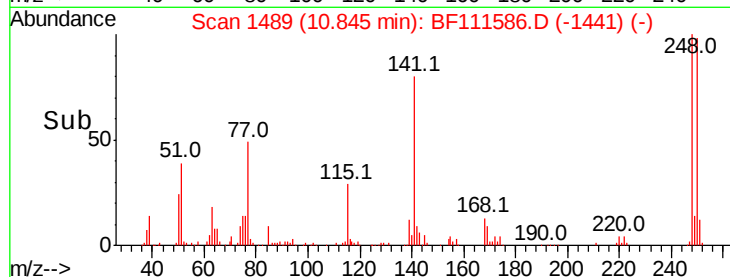
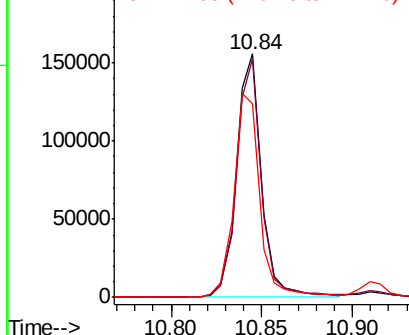
#67
 4-Bromophenyl-phenylether
 Concen: 30.243 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 150037
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.0 115.4
 141 79.7 63.0 94.6

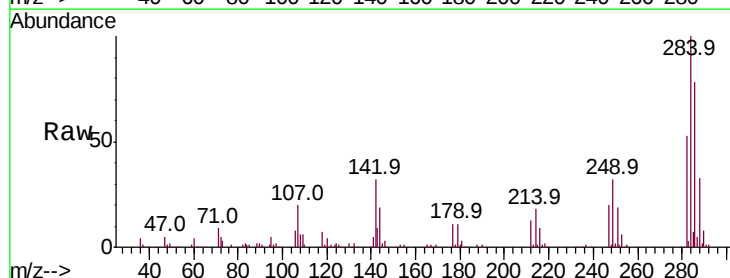


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

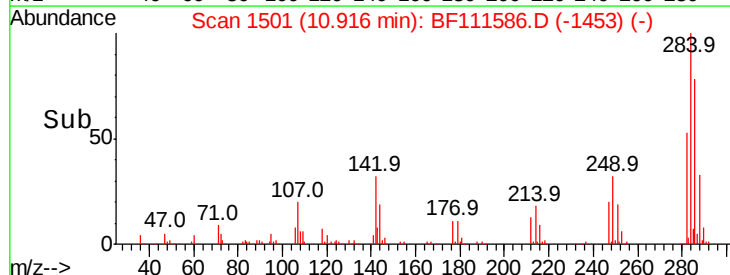
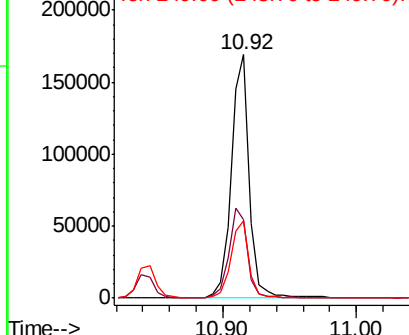


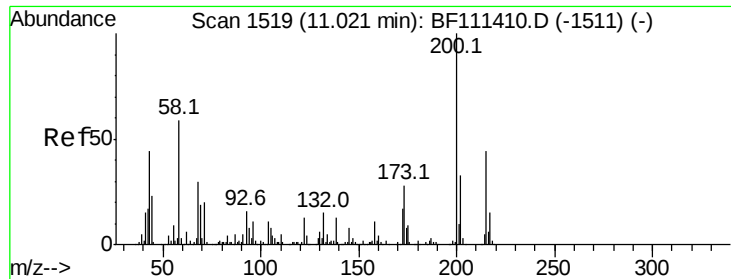
#68
 Hexachlorobenzene
 Concen: 31.289 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:284 Resp: 159673
 Ion Ratio Lower Upper
 284 100
 142 32.0 27.4 41.2
 249 31.9 24.4 36.6



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

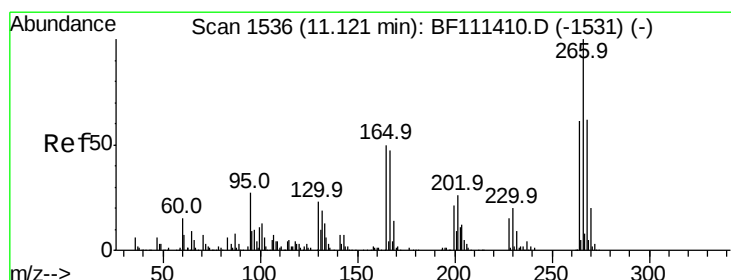
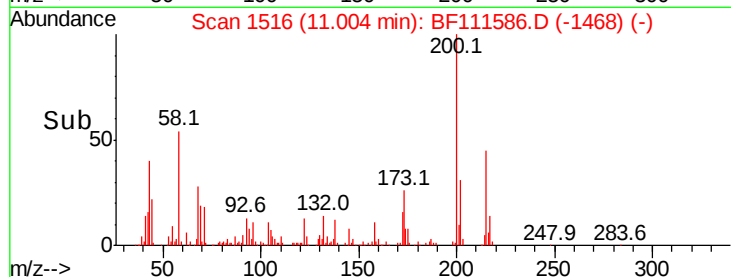
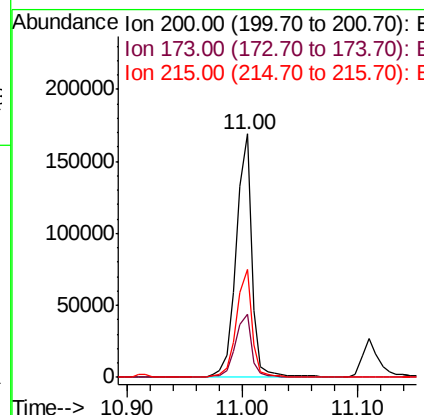
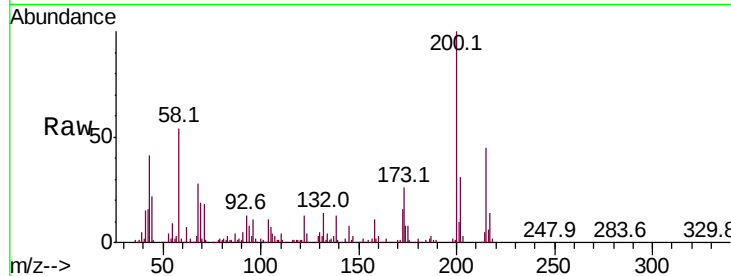




#69
Atrazine
Concen: 34.982 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

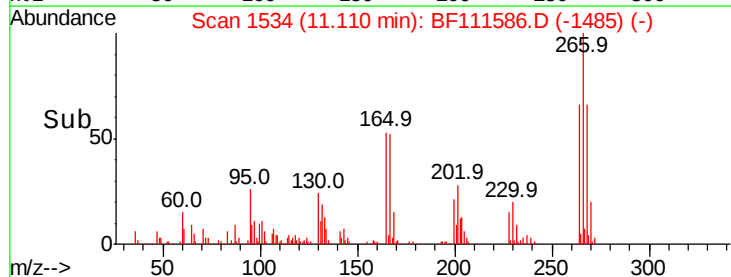
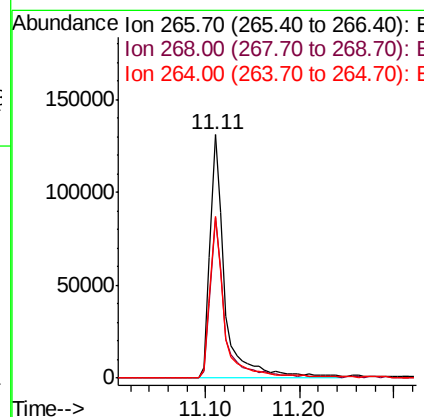
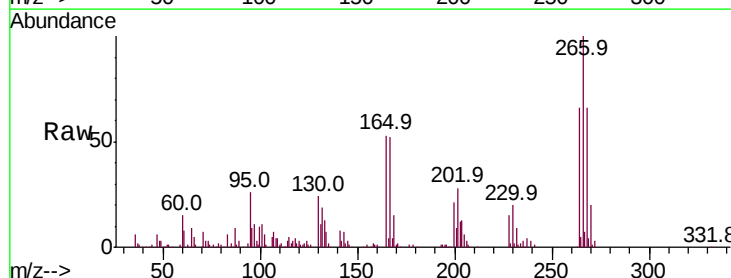
Instrument :
BNA_F
ClientSampleId :

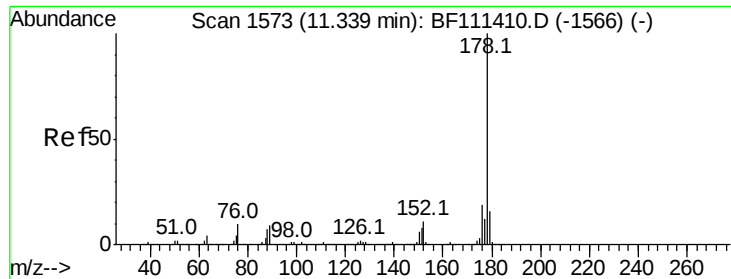
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	10.1	50.1
215	44.5	26.9	66.9



#70
Pentachlorophenol
Concen: 47.133 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	47.9	71.9
264	66.2	49.1	73.7

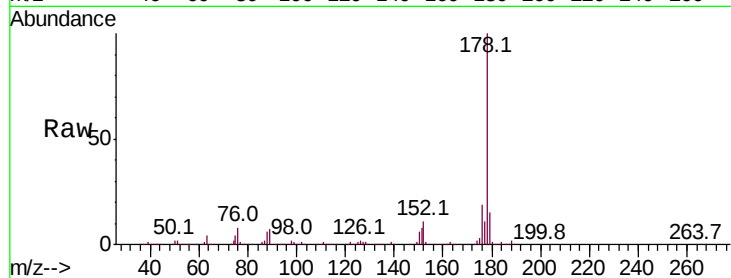




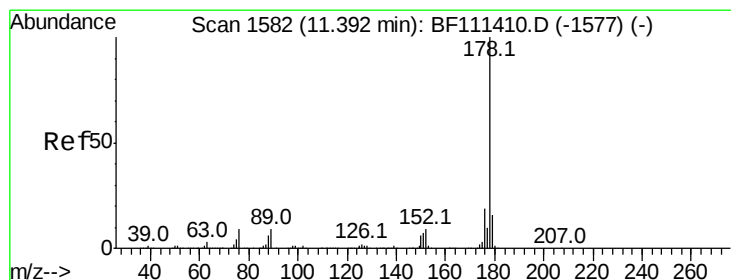
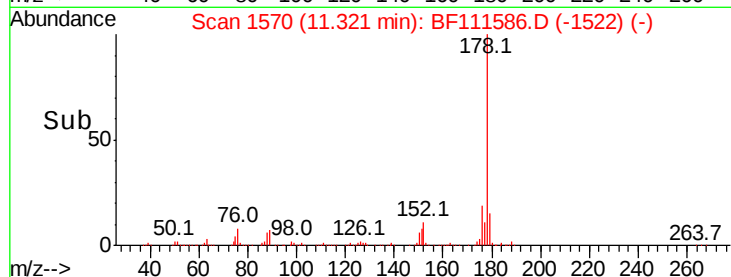
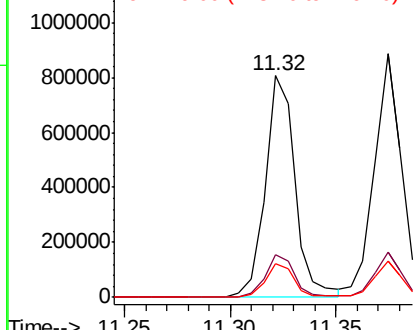
#71
Phenanthrene
Concen: 33.494 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 794433
Ion Ratio Lower Upper
178 100
176 19.1 18.1 27.1
179 15.4 14.0 21.0

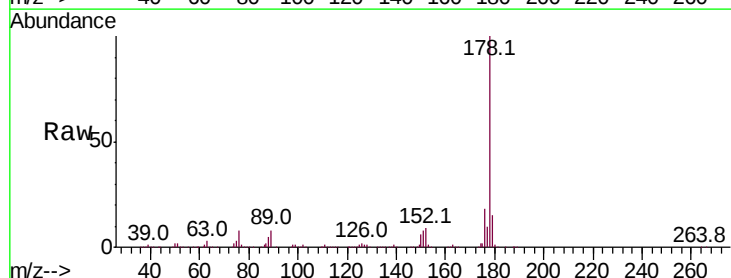


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

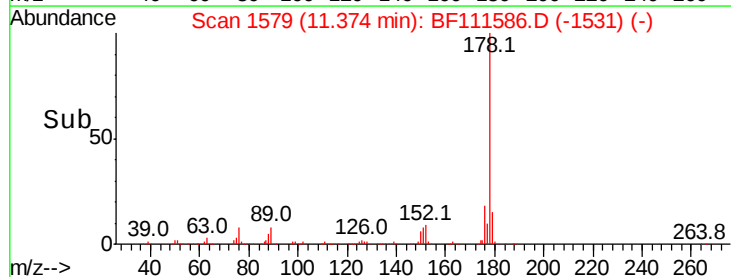
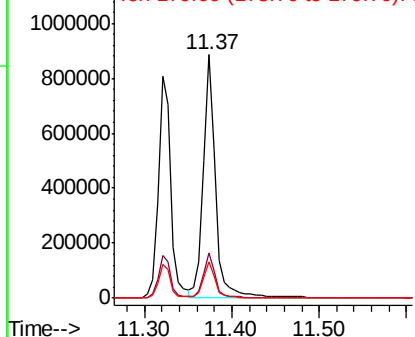


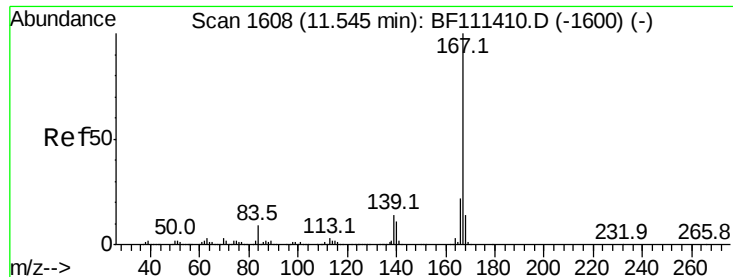
#72
Anthracene
Concen: 35.732 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:178 Resp: 866727
Ion Ratio Lower Upper
178 100
176 18.3 17.2 25.8
179 15.0 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: 30.936 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

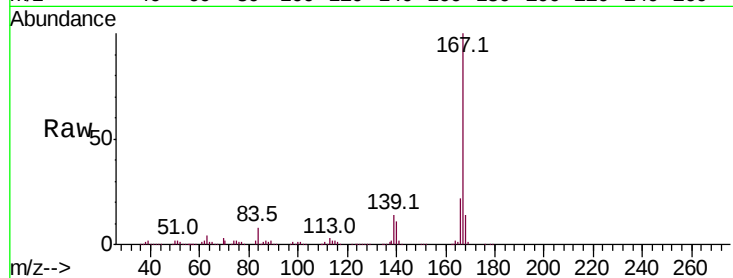
Tot Ion:167 Resp: 775976

Ion Ratio Lower Upper

167 100

166 21.7 19.3 28.9

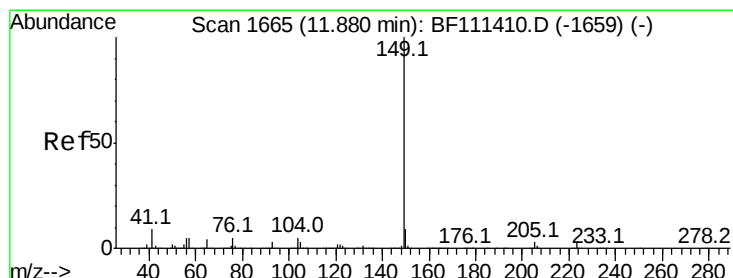
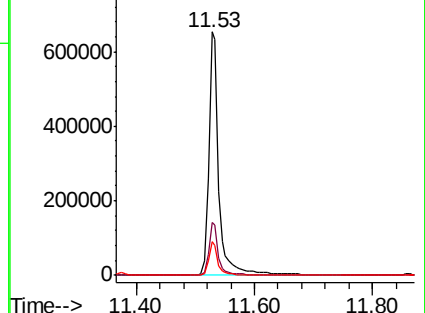
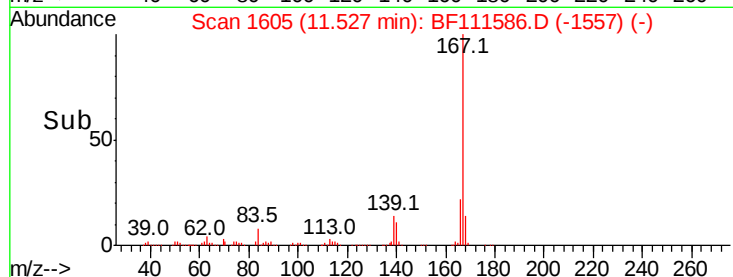
139 13.6 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.507 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

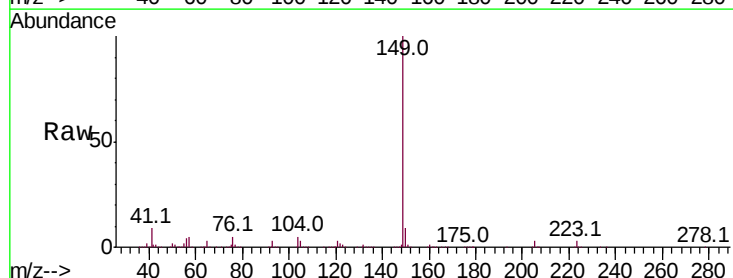
Tgt Ion:149 Resp: 991898

Ion Ratio Lower Upper

149 100

150 9.4 8.8 13.2

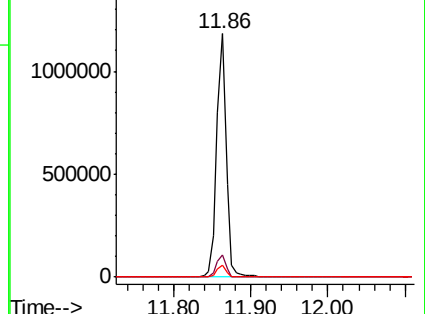
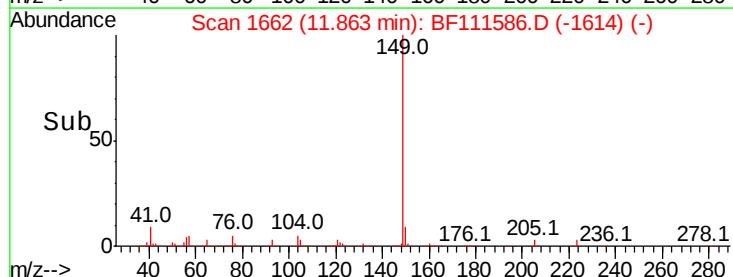
104 4.9 4.5 6.7

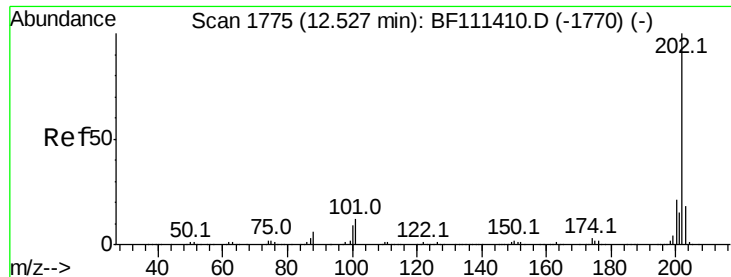


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

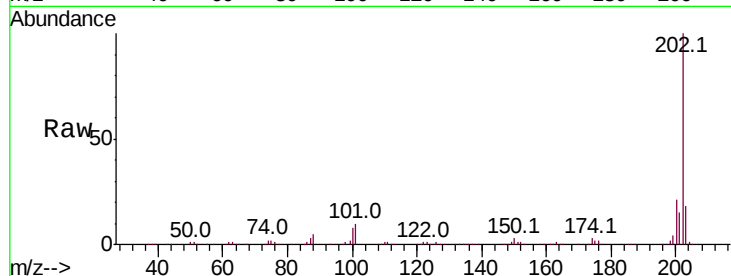




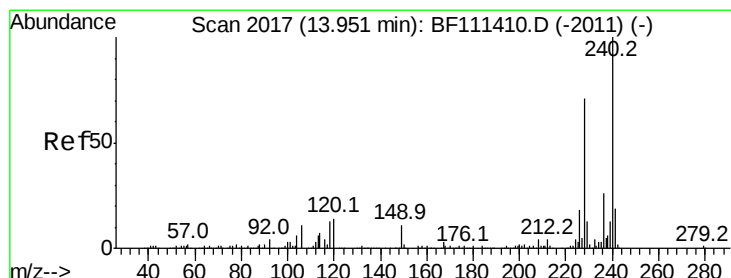
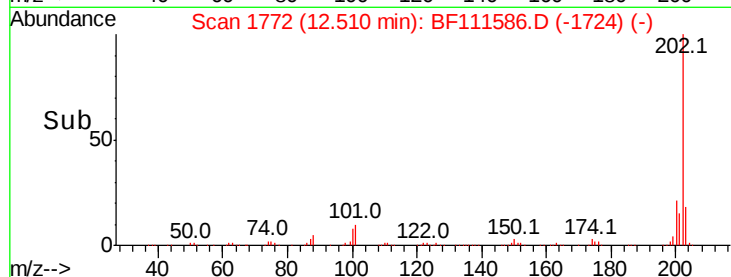
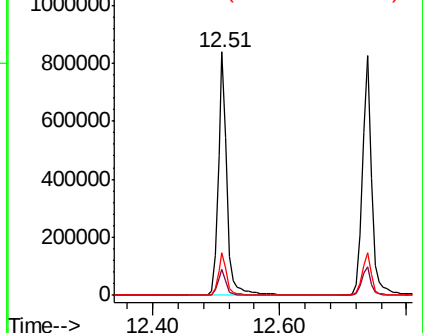
#75
Fluoranthene
Concen: 36.041 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 836281
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.8
203 17.7 0.0 38.6

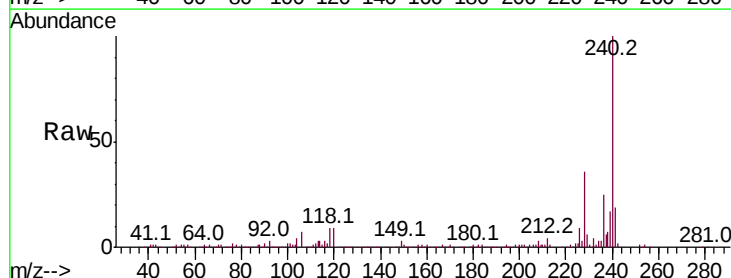


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

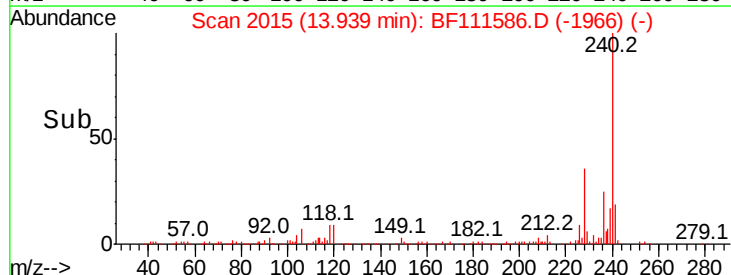
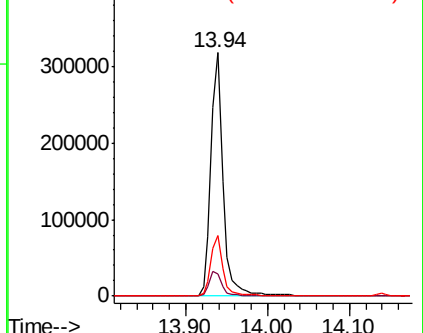


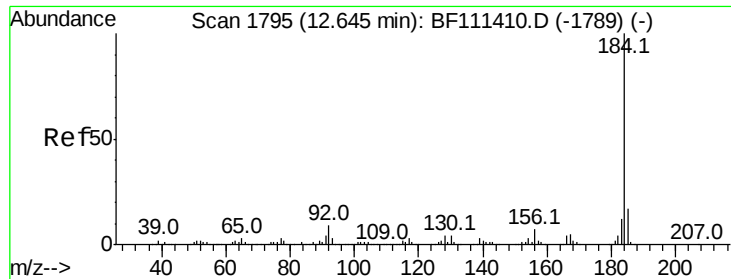
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:240 Resp: 331400
Ion Ratio Lower Upper
240 100
120 9.3 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

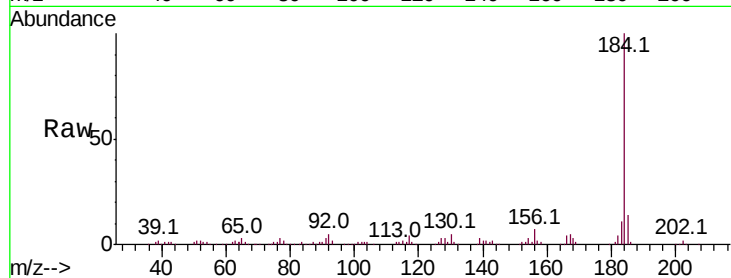




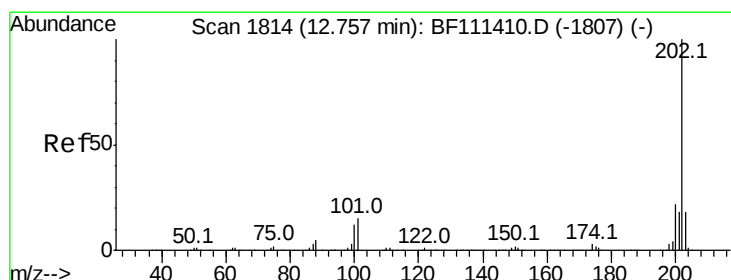
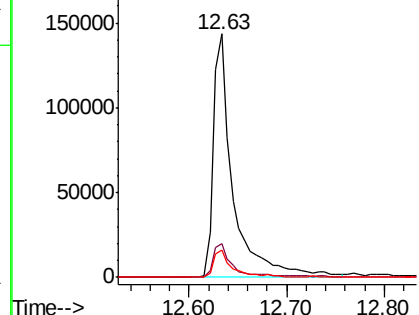
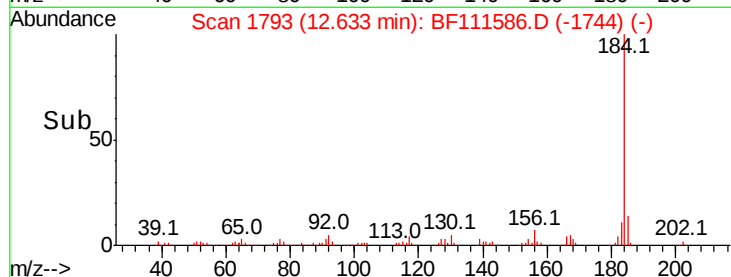
#77
Benzidine
Concen: 16.558 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	11.5	9.3	13.9

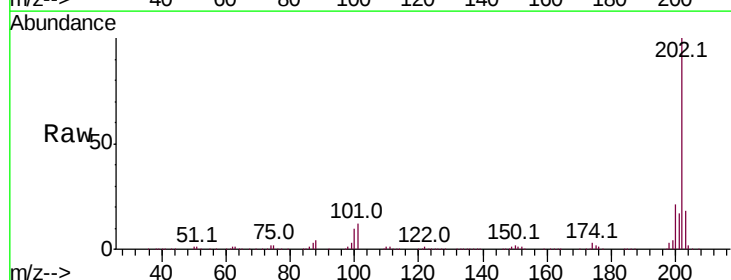


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

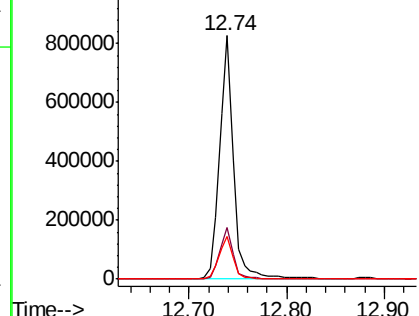
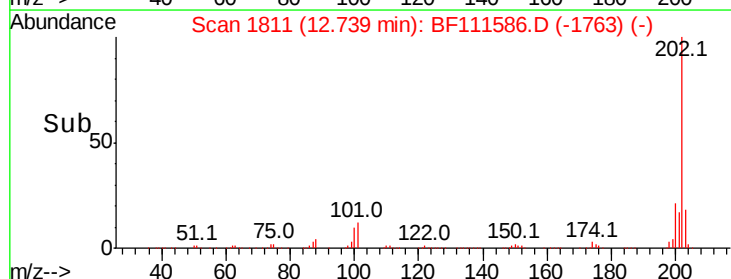


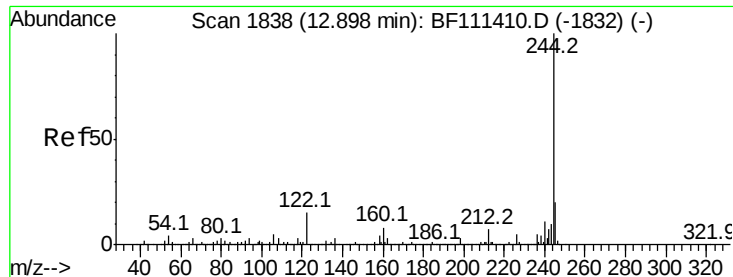
#78
Pyrene
Concen: 34.738 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.4
203	17.6	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.654 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

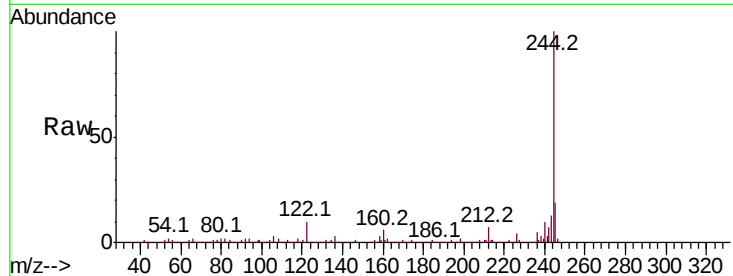
Tot Ion:244 Resp: 1081794

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

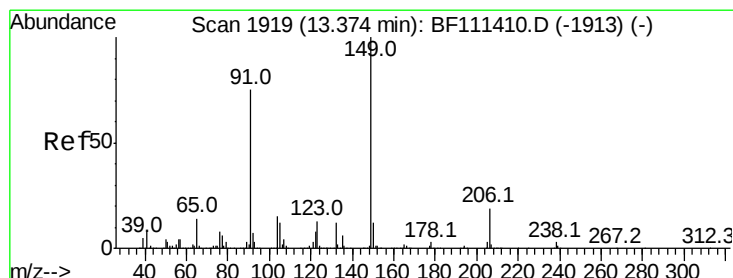
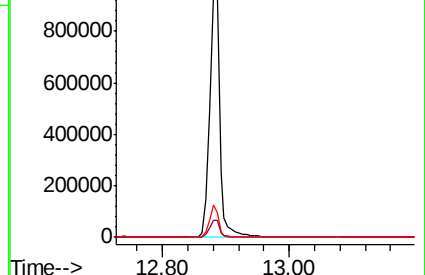
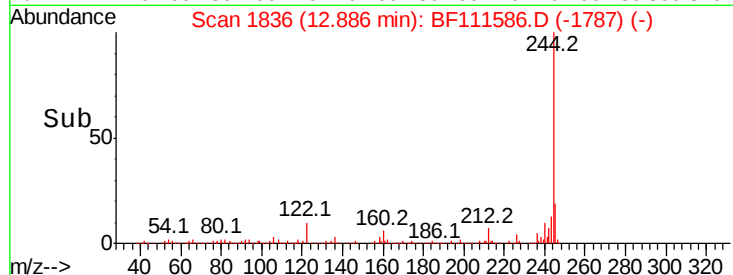
122 10.3 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.376 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

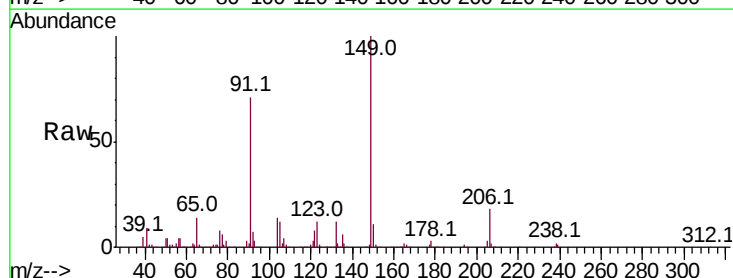
Tgt Ion:149 Resp: 414277

Ion Ratio Lower Upper

149 100

91 71.3 63.8 95.6

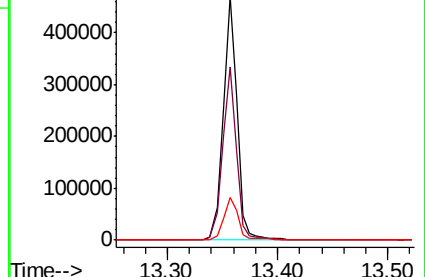
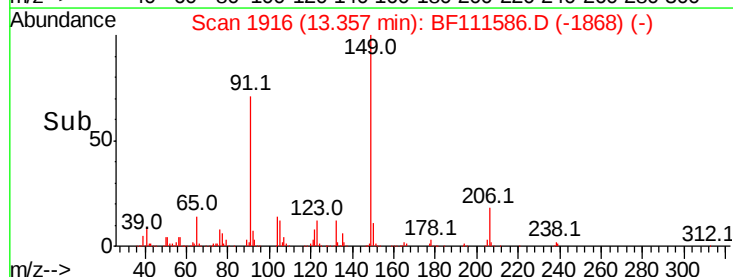
206 17.8 15.1 22.7

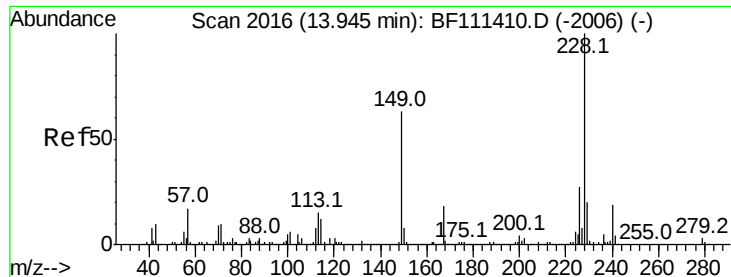


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.742 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

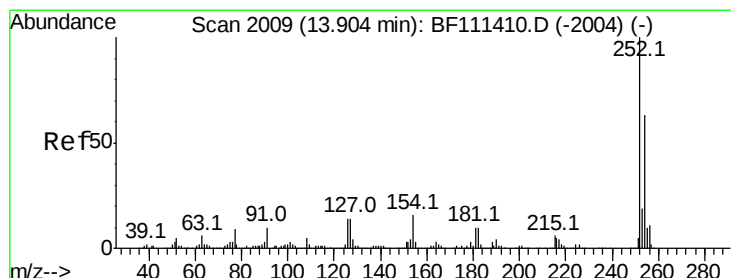
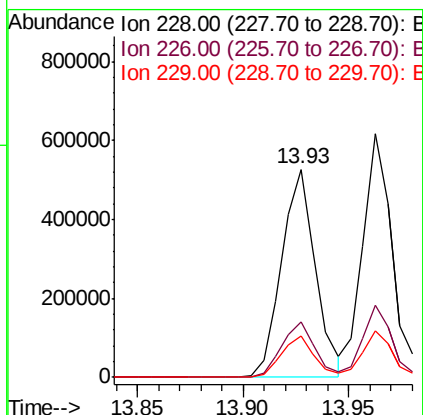
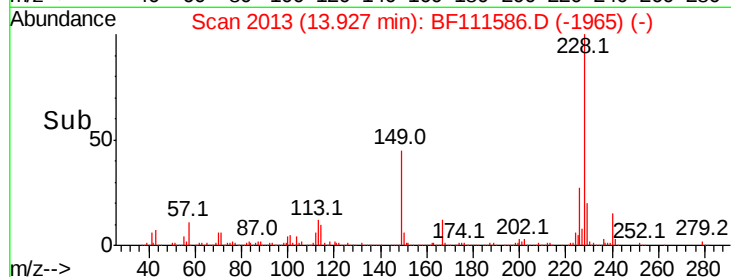
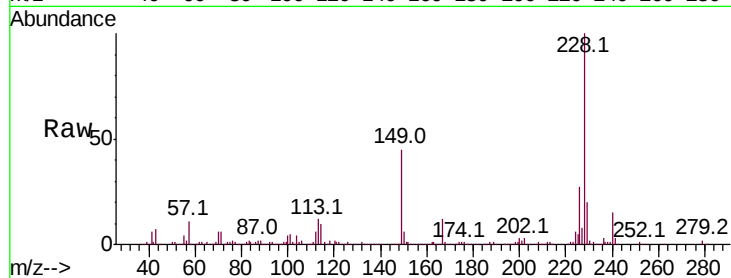
Tot Ion:228 Resp: 589991

Ion Ratio Lower Upper

228 100

226 26.9 22.6 34.0

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 14.459 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

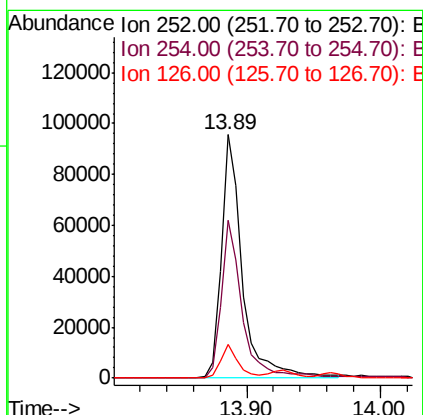
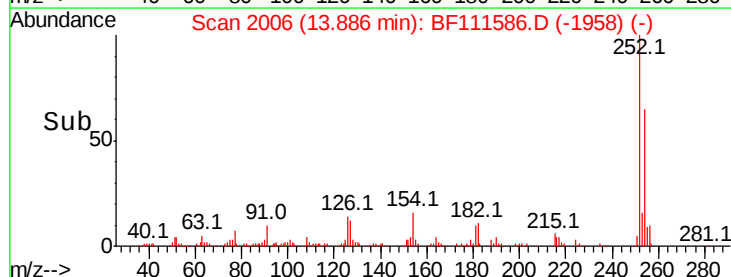
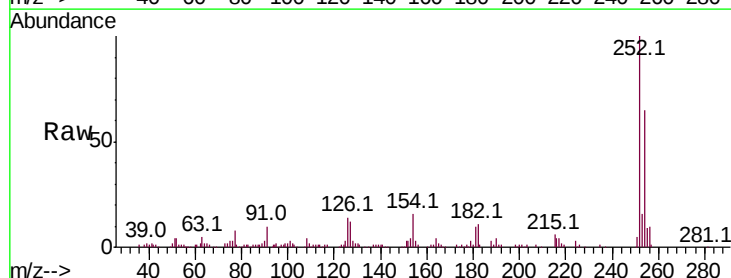
Tgt Ion:252 Resp: 105921

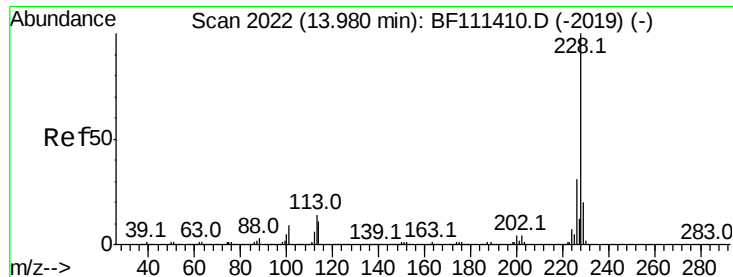
Ion Ratio Lower Upper

252 100

254 64.9 52.7 79.1

126 14.0 11.1 16.7





#83

Chrysene

Concen: 34.337 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

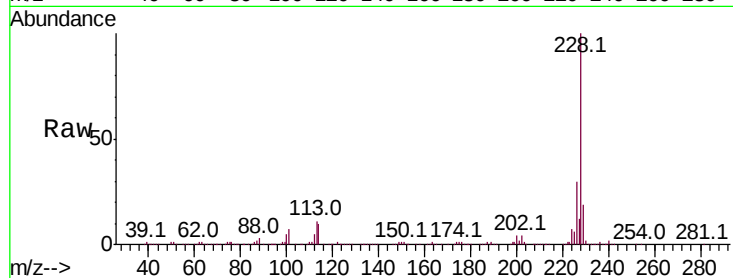
Tot Ion:228 Resp: 651802

Ion Ratio Lower Upper

228 100

226 29.7 25.3 37.9

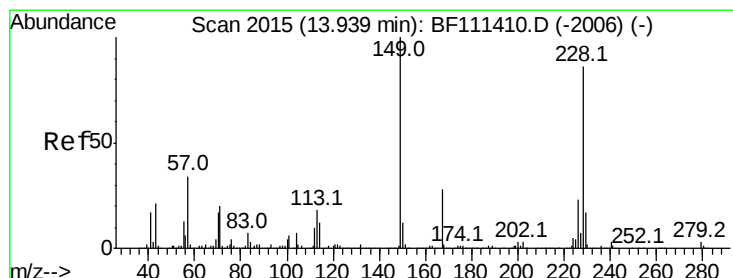
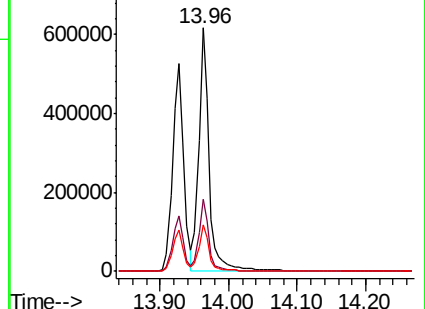
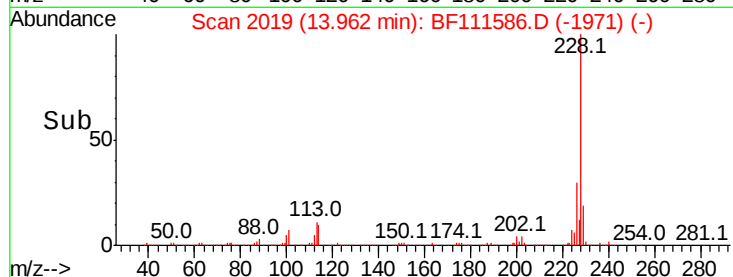
229 19.3 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.239 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

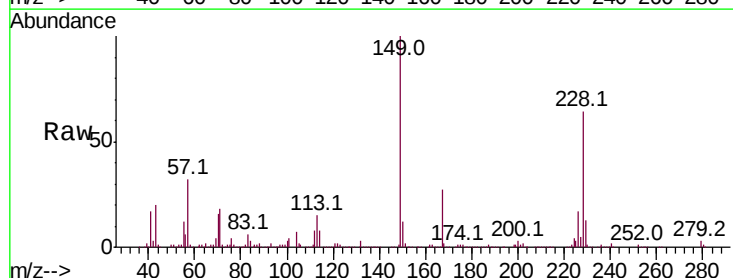
Tgt Ion:149 Resp: 570789

Ion Ratio Lower Upper

149 100

167 26.8 22.5 33.7

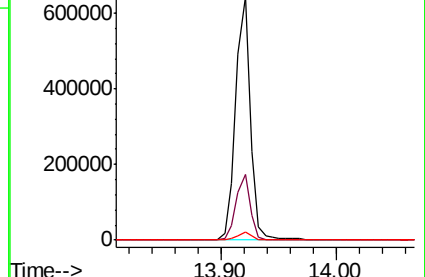
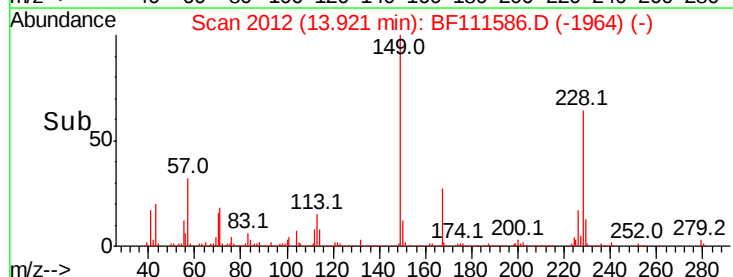
279 3.4 2.6 4.0

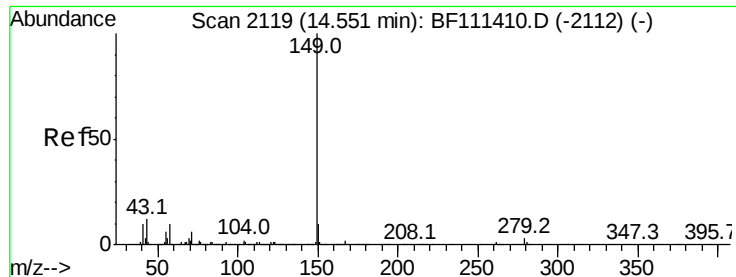


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

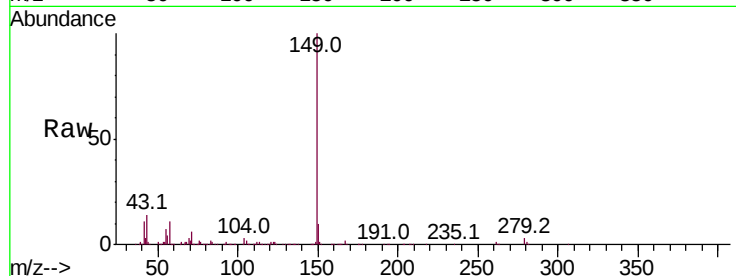




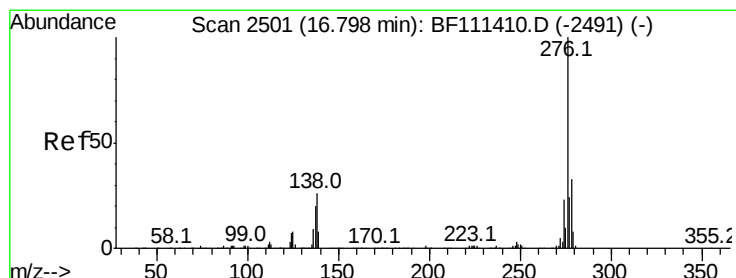
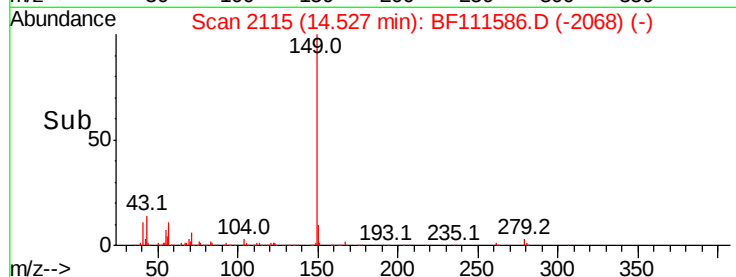
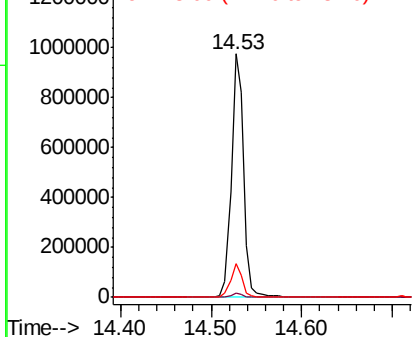
#85
Di-n-octyl phthalate
Concen: 37.365 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.9	10.9	16.3

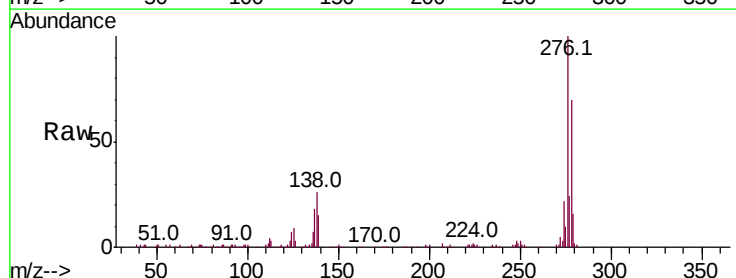


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

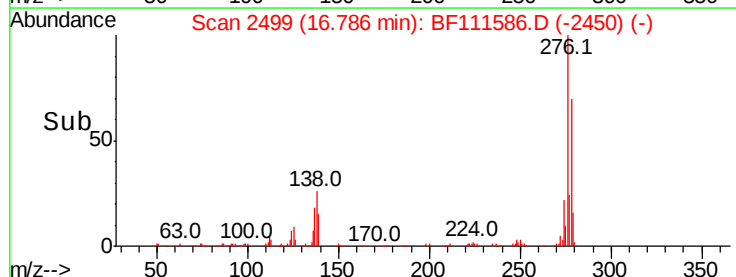
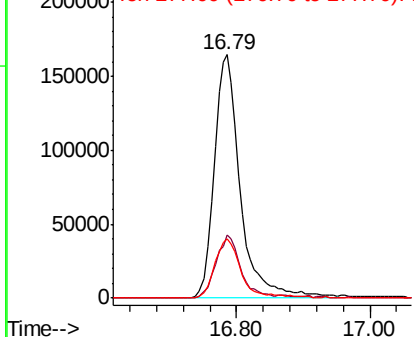


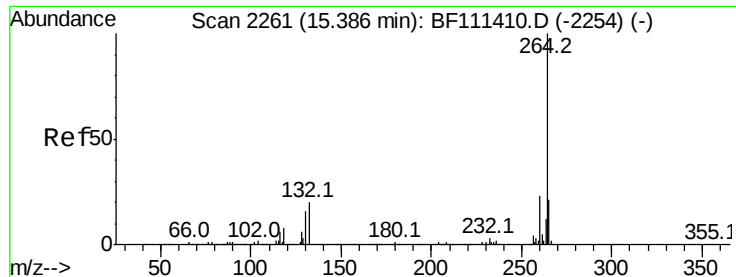
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.859 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	27.8	41.6#
277	24.4	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

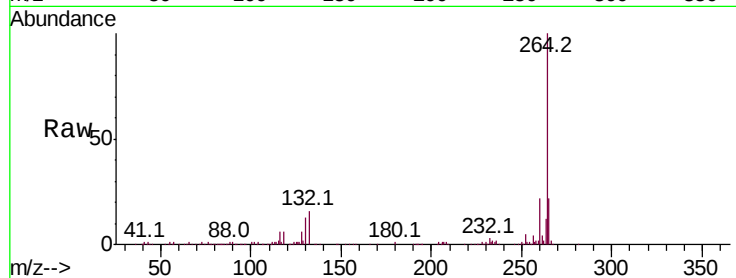
Tot Ion:264 Resp: 245290

Ion Ratio Lower Upper

264 100

260 21.9 18.3 27.5

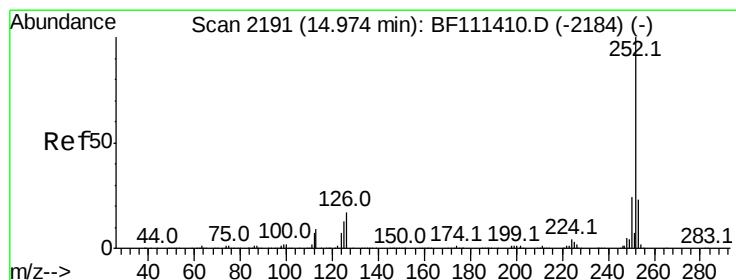
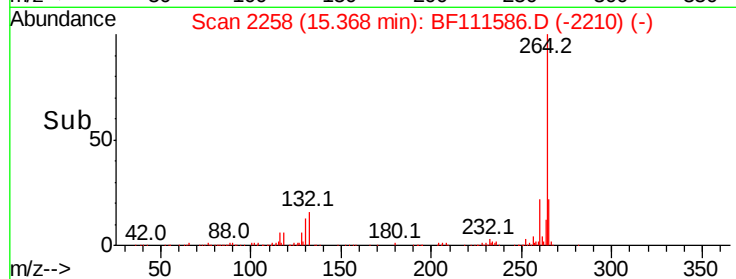
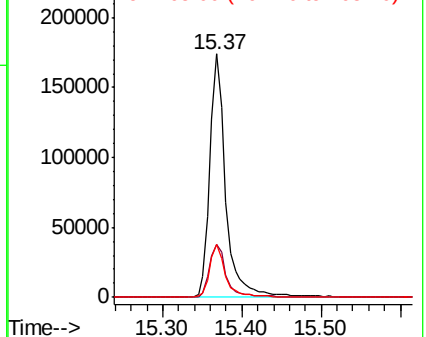
265 21.7 17.7 26.5



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: 33.624 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

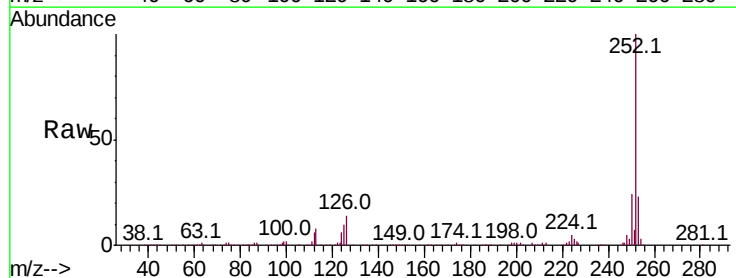
Tgt Ion:252 Resp: 480853

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

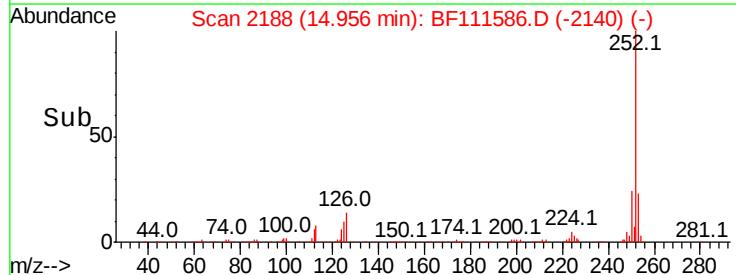
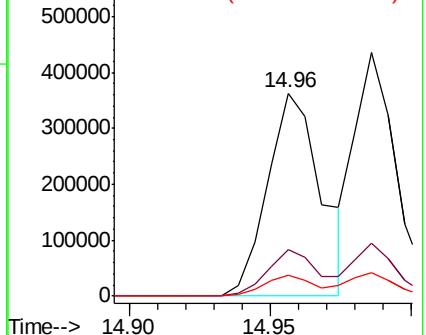
125 10.5 10.4 15.6

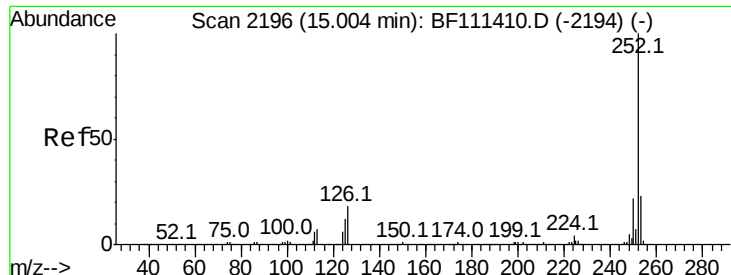


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

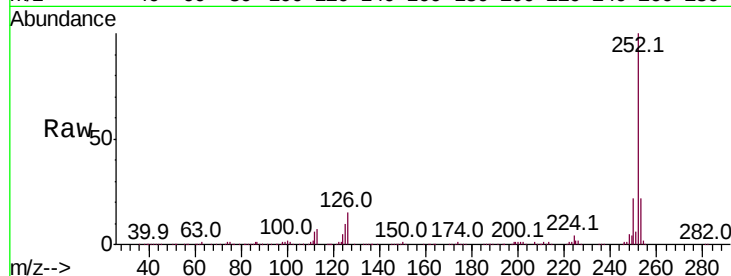




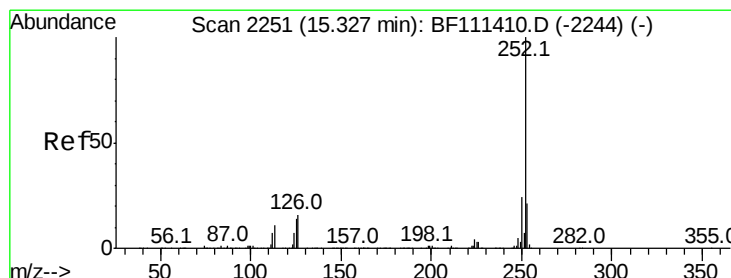
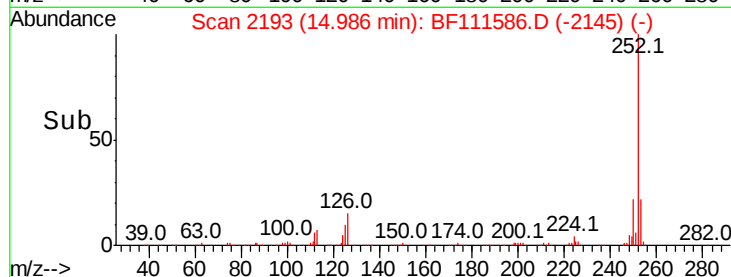
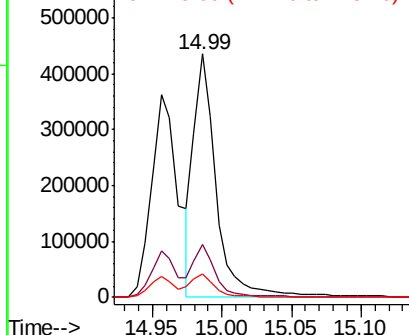
#89
Benzo(k)fluoranthene
Concen: 36.058 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 492716
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 9.7 9.8 14.8#

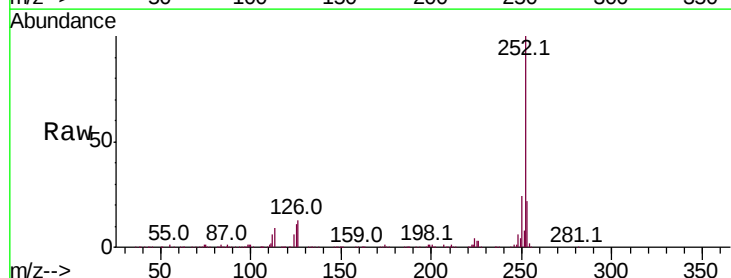


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

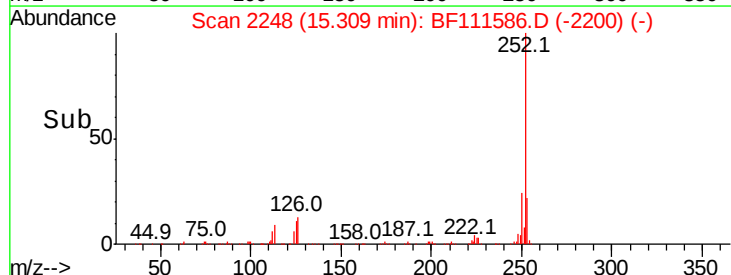
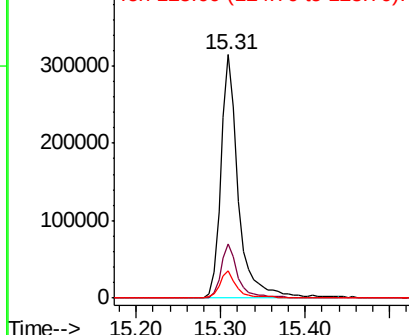


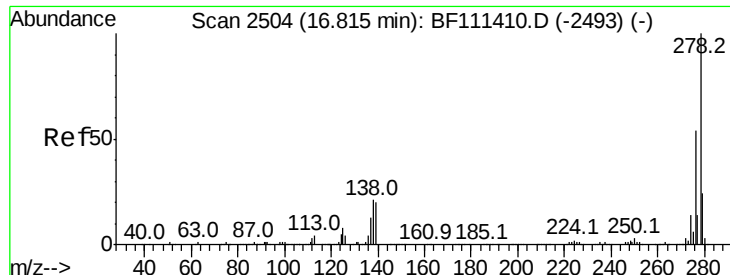
#90
Benzo(a)pyrene
Concen: 34.998 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:252 Resp: 451328
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.4 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: 36.800 ng

RT: 16.80 min Scan# 2501

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

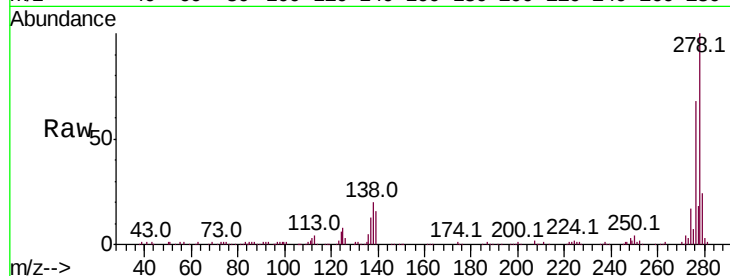
Tot Ion:278 Resp: 374360

Ion Ratio Lower Upper

278 100

139 15.6 18.2 27.4#

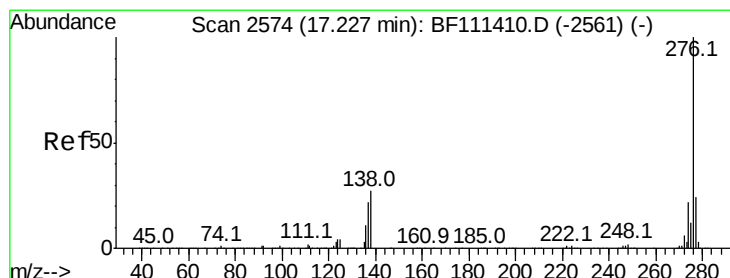
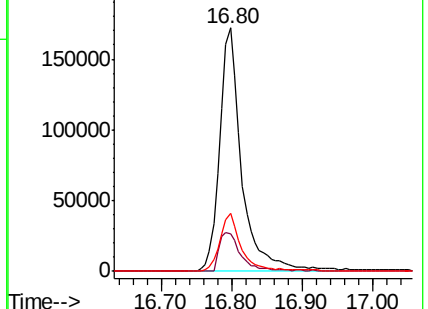
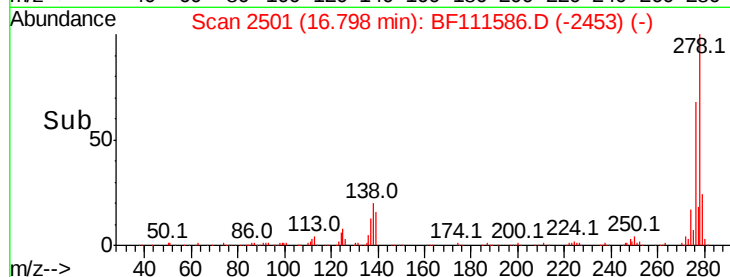
279 24.0 19.0 28.6



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: 37.551 ng

RT: 17.20 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

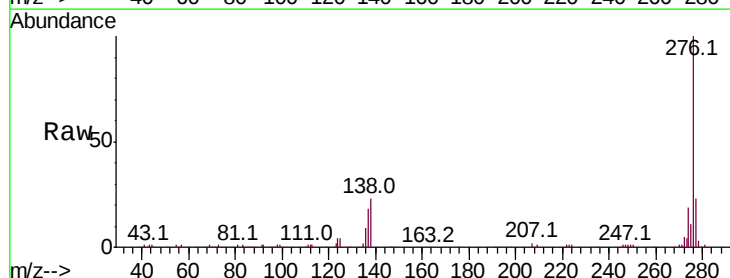
Tgt Ion:276 Resp: 374964

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 23.4 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

