

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111494.D
 Acq On : 16 Dec 2018 4:38
 Operator : JU/SJ
 Sample : J6199-06MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-AMS

Quant Time: Dec 17 00:58:10 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	6.79	152	138756	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510176	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	198024	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	308224	20.00	ng	0.00
76) Chrysene-d12	13.95	240	272006	20.00	ng	0.00
87) Perylene-d12	15.39	264	186591	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1026982	123.16	ng	0.02
7) Phenol-d6	6.44	99	1140693	102.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	869078	101.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	232673	131.17	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1482170	115.61	ng	0.00
79) Terphenyl-d14	12.90	244	1250215	107.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	131111	32.556	ng	# 81
3) Pyridine	3.37	79	306314	30.284	ng	94
4) n-Nitrosodimethylamine	3.29	42	202712	44.122	ng	84
6) Aniline	6.46	93	129177	9.389	ng	# 1
8) 2-Chlorophenol	6.59	128	387674	38.911	ng	96
9) Benzaldehyde	6.34	77	108987	16.200	ng	97
10) Phenol	6.45	94	370208	29.963	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	370797	38.283	ng	99
12) 1,3-Dichlorobenzene	6.74	146	414026	37.751	ng	98
13) 1,4-Dichlorobenzene	6.81	146	419725	37.705	ng	97
14) 1,2-Dichlorobenzene	6.97	146	396563	37.867	ng	98
15) Benzyl Alcohol	6.94	79	319871	37.902	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	733652	38.794	ng	99
17) 2-Methylphenol	7.06	107	290415	36.219	ng	96
18) Hexachloroethane	7.31	117	138133	33.343	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	266637	36.438	ng	93
20) 3+4-Methylphenols	7.21	107	359431	35.736	ng	# 75
22) Acetophenone	7.20	105	545304	47.881	ng	# 89
24) Nitrobenzene	7.37	77	385758	44.139	ng	98
25) Isophorone	7.62	82	697756	48.134	ng	99
26) 2-Nitrophenol	7.69	139	167856	37.035	ng	98
27) 2,4-Dimethylphenol	7.73	122	315846	48.069	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	455170	45.483	ng	98
29) 2,4-Dichlorophenol	7.94	162	294410	41.973	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	307666	41.900	ng	99
31) Naphthalene	8.10	128	1090857	45.715	ng	96
32) Benzoic acid	7.83	122	80315	14.145	ng	95
33) 4-Chloroaniline	8.15	127	65608	6.183	ng	96
34) Hexachlorobutadiene	8.22	225	174198	43.061	ng	99
35) Caprolactam	8.50	113	60459	23.216	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	287785	37.274	ng	92
37) 2-Methylnaphthalene	8.79	142	698374	43.251	ng	98
38) 1-Methylnaphthalene	8.89	142	656694	42.098	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	269333	49.595	ng	97

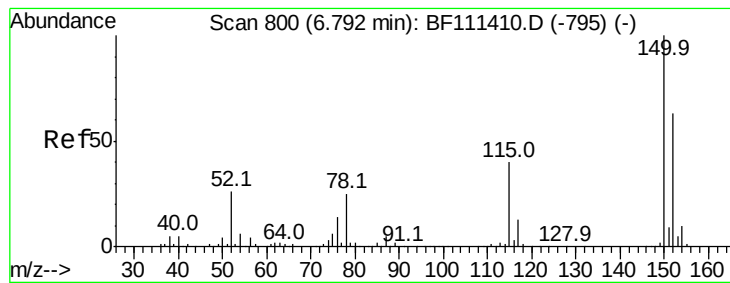
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60133	21.567	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	178067	46.329	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	182359	44.586	nq	97
46) 1,1'-Biphenyl	9.25	154	782570	46.640	nq	94
47) 2-Chloronaphthalene	9.27	162	591638	46.389	nq	96
48) 2-Nitroaniline	9.37	65	183627	44.343	nq	97
49) Acenaphthylene	9.69	152	895696	47.313	nq	95
50) Dimethylphthalate	9.55	163	689498	48.348	nq	98
51) 2,6-Dinitrotoluene	9.61	165	137064	42.698	nq #	86
52) Acenaphthene	9.86	154	527080	44.050	nq	97
53) 3-Nitroaniline	9.78	138	88695	22.748	nq	88
54) 2,4-Dinitrophenol	9.89	184	9309	7.622	nq #	78
55) Dibenzofuran	10.03	168	781213	44.979	nq	97
56) 4-Nitrophenol	9.95	139	181010	67.082	nq	99
57) 2,4-Dinitrotoluene	10.02	165	162526	38.575	nq	97
58) Fluorene	10.38	166	590747	46.893	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	136266	42.642	nq	99
60) Diethylphthalate	10.25	149	655642	45.386	nq	96
61) 4-Chlorophenyl-phenylether	10.37	204	263582	42.765	nq	95
62) 4-Nitroaniline	10.39	138	144395	37.410	nq	96
63) Azobenzene	10.53	77	584035	41.009	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	10208	5.866	nq	96
66) n-Nitrosodiphenylamine	10.49	169	520206	48.942	nq	96
67) 4-Bromophenyl-phenylether	10.86	248	153519	46.212	nq	93
68) Hexachlorobenzene	10.93	284	152758	44.703	nq	96
69) Atrazine	11.02	200	152612	49.682	nq	97
70) Pentachlorophenol	11.12	266	120227	57.362	nq	97
71) Phenanthrene	11.34	178	790851	49.795	nq	93
72) Anthracene	11.39	178	830099	51.107	nq	94
73) Carbazole	11.54	167	780177	46.450	nq	94
74) Di-n-butylphthalate	11.88	149	957536	51.189	nq #	95
75) Fluoranthene	12.53	202	849061	54.646	nq	96
77) Benzidine	12.64	184	348374	34.841	nq	97
78) Pyrene	12.76	202	873547	45.551	nq	95
80) Butylbenzylphthalate	13.37	149	430004	46.001	nq	92
81) Benzo(a)anthracene	13.94	228	730652	49.402	nq	96
82) 3,3'-Dichlorobenzidine	13.90	252	146705	24.400	nq	97
83) Chrysene	13.98	228	713796	45.813	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	595713	49.895	nq	97
85) Di-n-octyl phthalate	14.54	149	1071033	53.183	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	469474	41.750	nq	94
88) Benzo(b)fluoranthene	14.97	252	568238	52.235	nq	99
89) Benzo(k)fluoranthene	15.00	252	522576	50.274	nq	99
90) Benzo(a)pyrene	15.33	252	494395	50.398	nq #	95
91) Dibenzo(a,h)anthracene	16.82	278	394644	50.999	nq	96
92) Benzo(g,h,i)perylene	17.24	276	388196	51.107	nq #	89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111494.D

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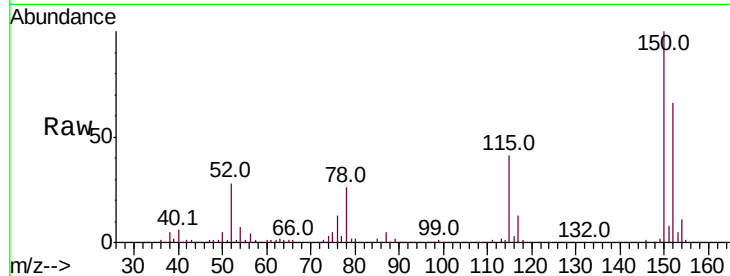
Tot Ion:152 Resp: 138756

Ion Ratio Lower Upper

152 100

150 152.1 126.6 189.8

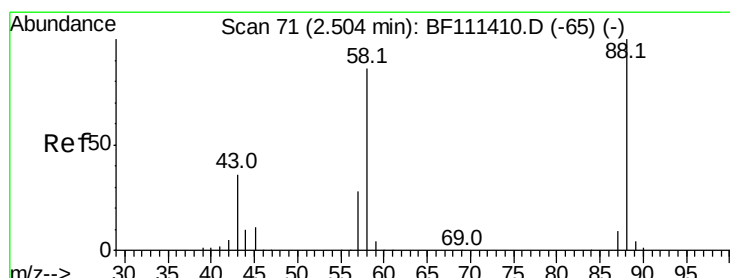
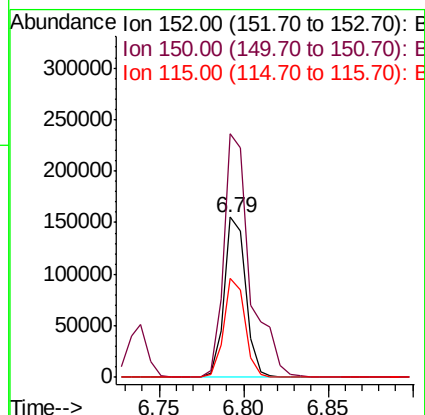
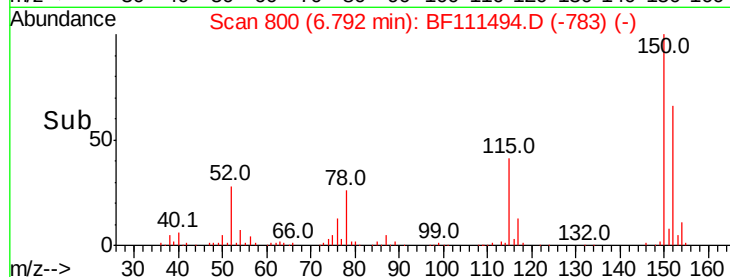
115 62.0 50.7 76.1



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: 32.556 ng

RT: 2.67 min Scan# 99

Delta R.T. 0.16 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

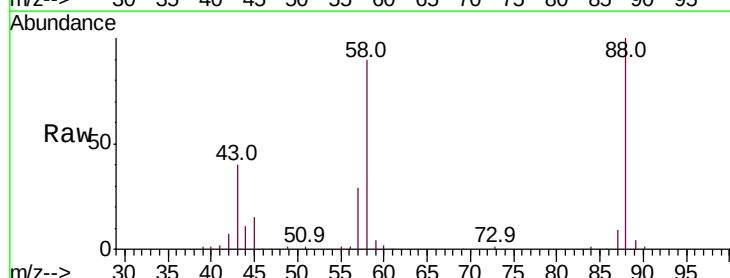
Tgt Ion: 88 Resp: 131111

Ion Ratio Lower Upper

88 100

58 89.9 68.9 103.3

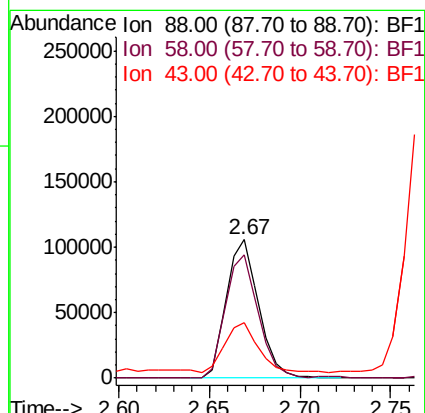
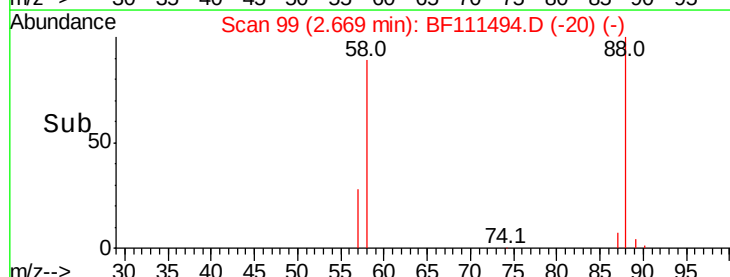
43 0.0 25.8 38.6#

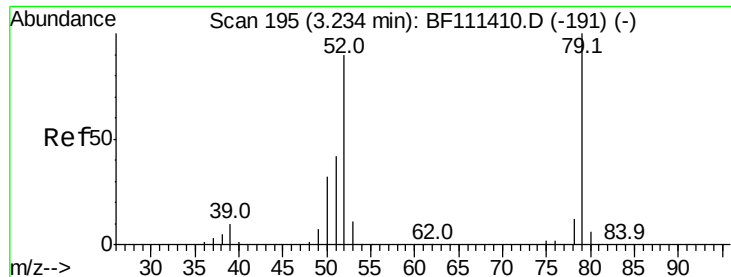


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.284 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.14 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

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ClientSampleId :

SU-04-121218-AMS

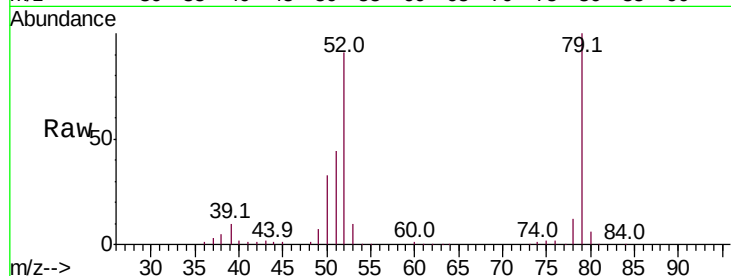
Tot Ion: 79 Resp: 306314

Ion Ratio Lower Upper

79 100

52 91.1 68.3 102.5

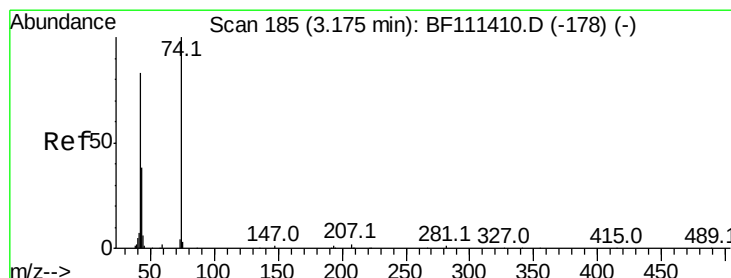
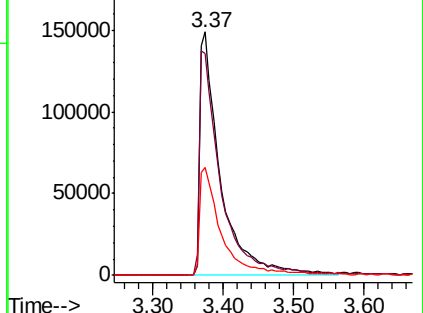
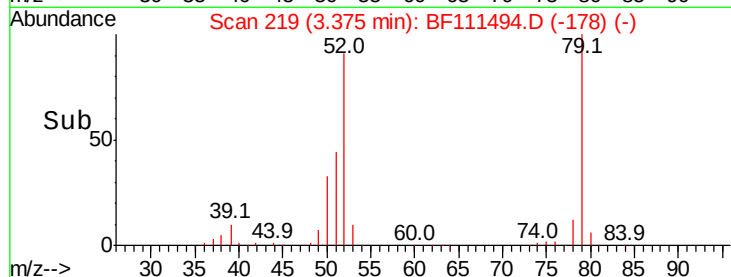
51 44.4 32.6 49.0



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: 44.122 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.11 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

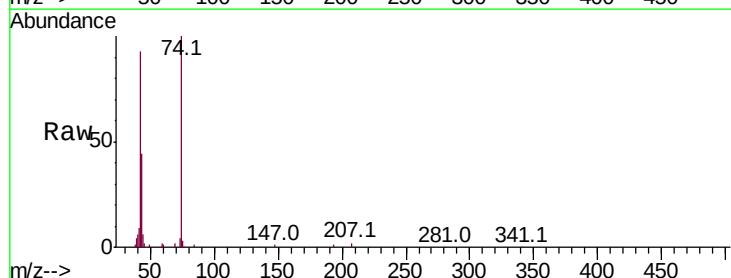
Tgt Ion: 42 Resp: 202712

Ion Ratio Lower Upper

42 100

74 107.6 101.5 152.3

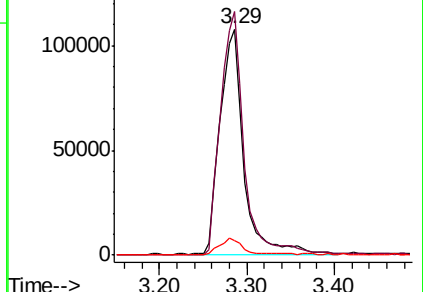
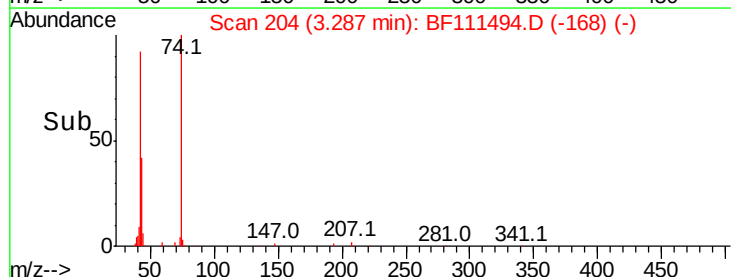
44 6.6 6.0 9.0

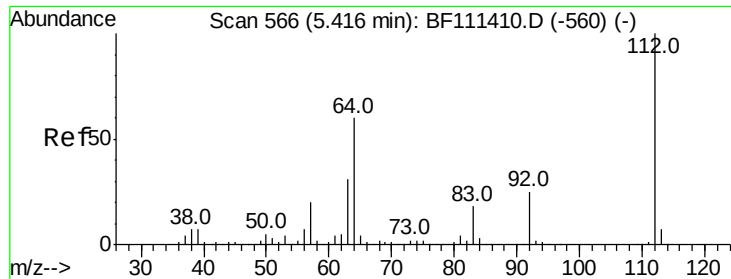


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.163 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

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SU-04-121218-AMS

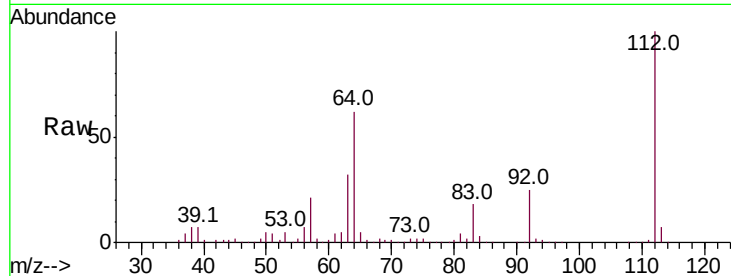
Tot Ion:112 Resp: 1026982

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

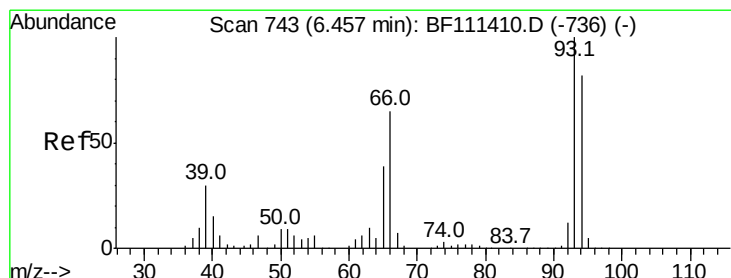
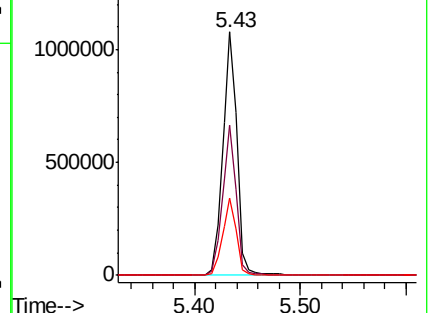
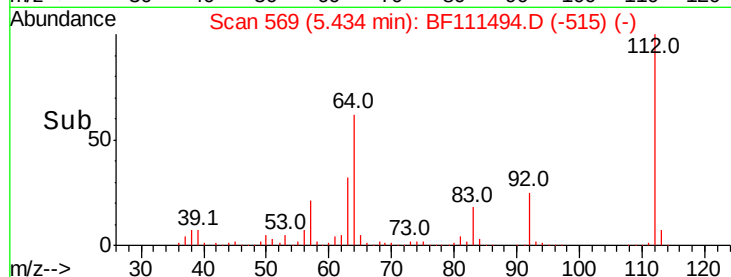
63 31.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.389 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

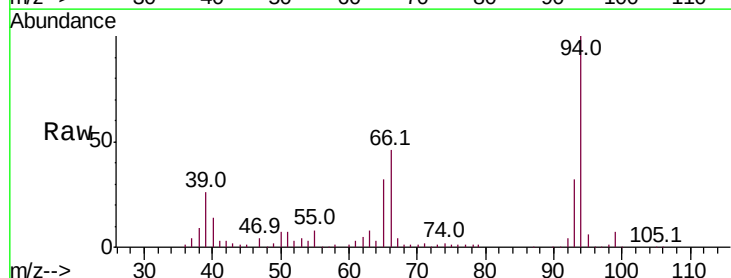
Tgt Ion: 93 Resp: 129177

Ion Ratio Lower Upper

93 100

66 141.8 33.2 49.8#

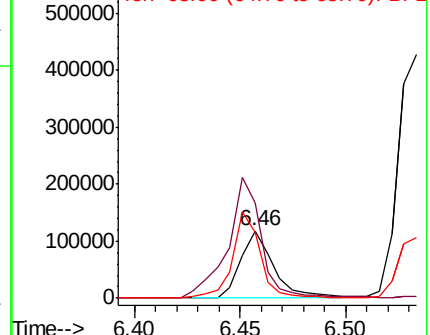
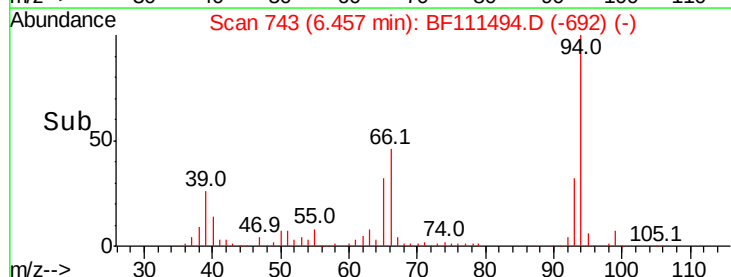
65 98.5 17.0 25.4#

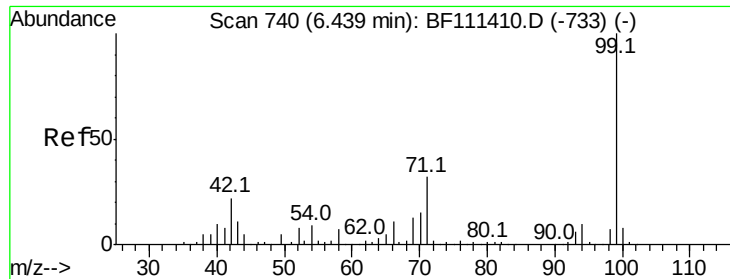


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.844 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

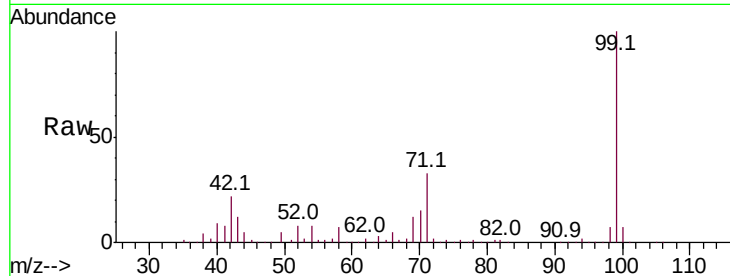
BNA_F

ClientSampleId :

SU-04-121218-AMS

Tot Ion: 99 Resp: 1140693

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	32.7	26.1	39.1

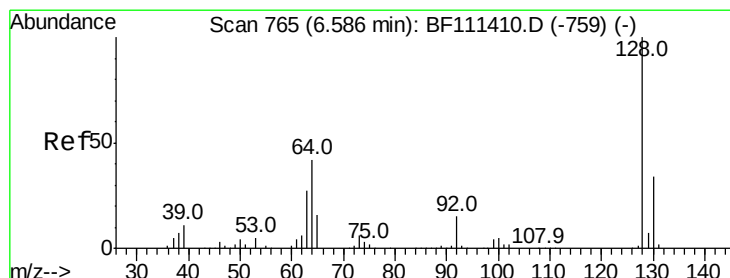
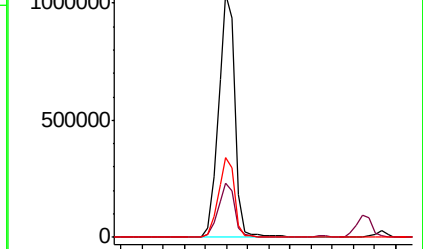
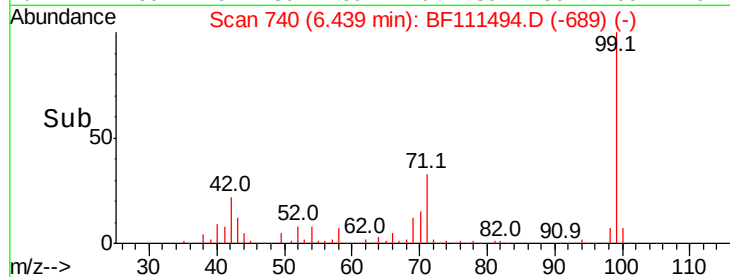


Abundance

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: 38.911 ng

RT: 6.59 min Scan# 765

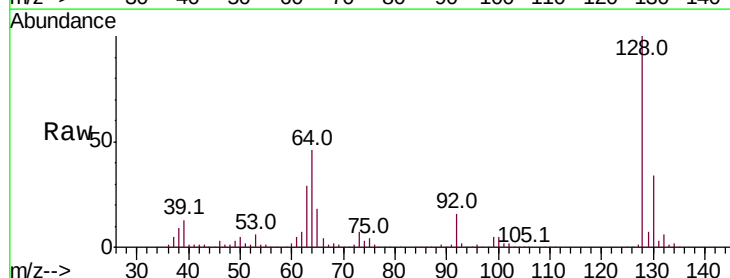
Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Tgt Ion:128 Resp: 387674

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.7	52.7
64	45.8	30.0	70.0

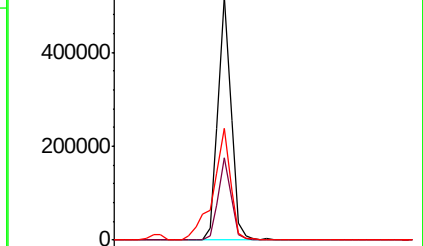
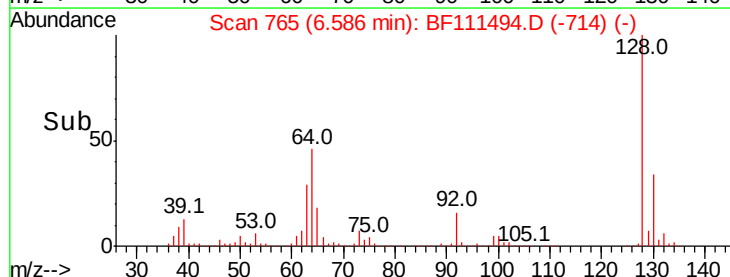


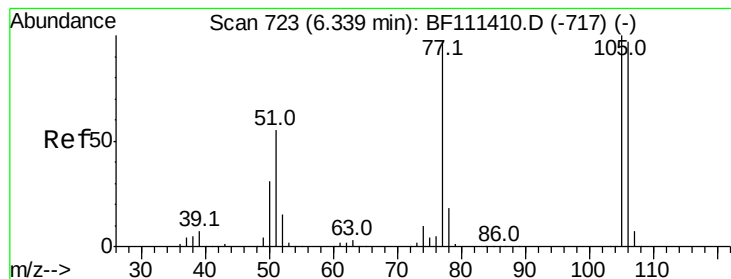
Abundance

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: 16.200 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

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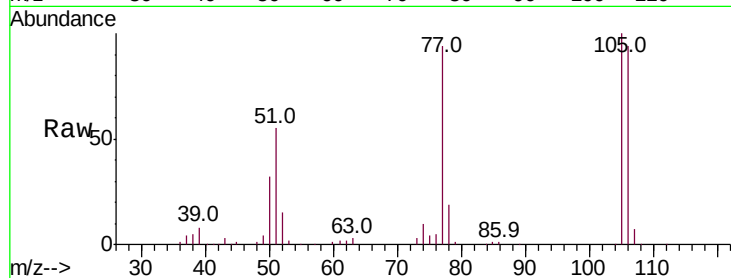
Tot Ion: 77 Resp: 108987

Ion Ratio Lower Upper

77 100

105 106.3 81.4 121.4

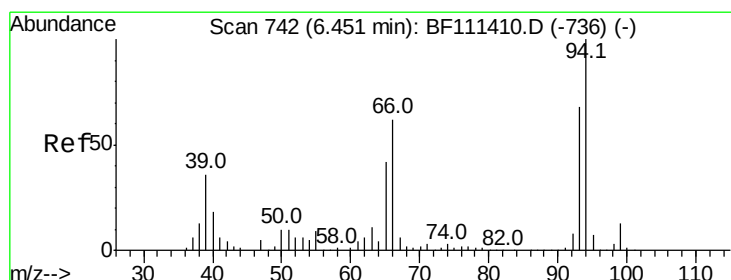
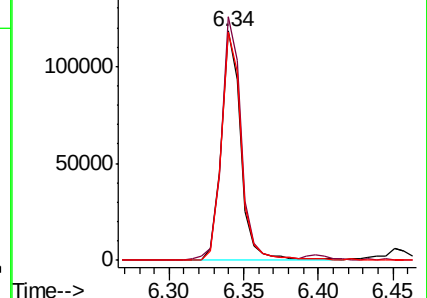
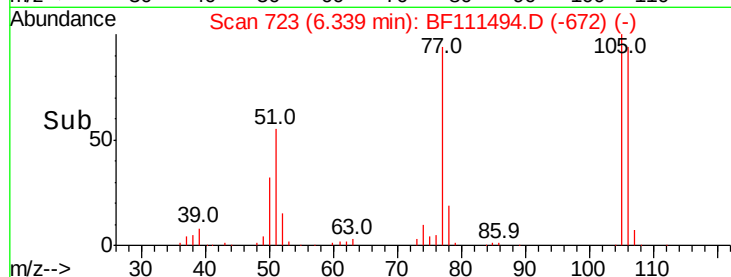
106 99.8 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.963 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

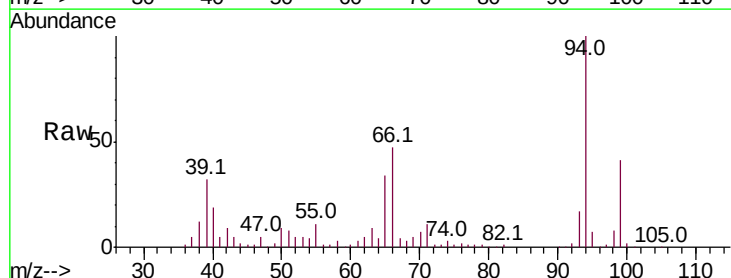
Tgt Ion: 94 Resp: 370208

Ion Ratio Lower Upper

94 100

65 33.7 11.7 51.7

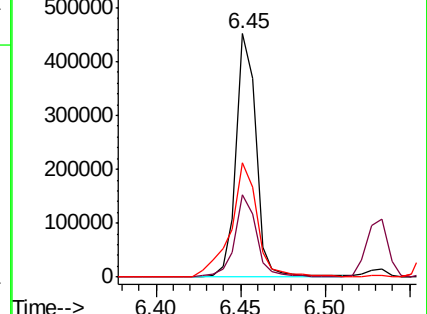
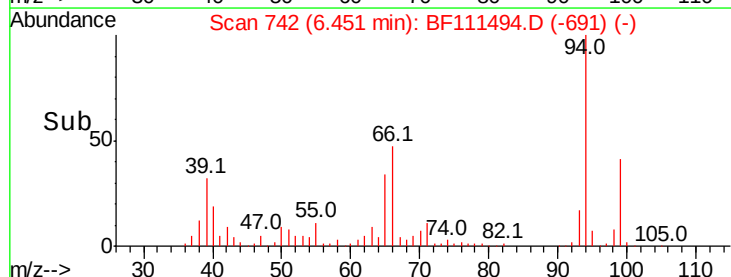
66 47.0 21.0 61.0

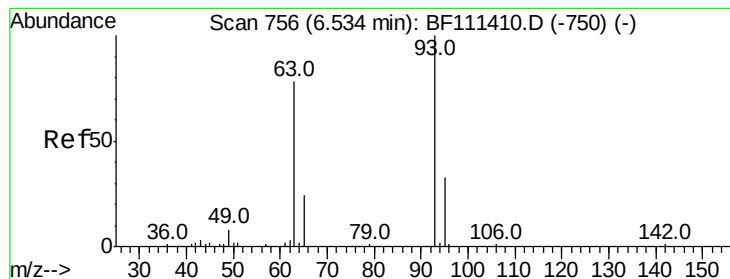


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.283 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

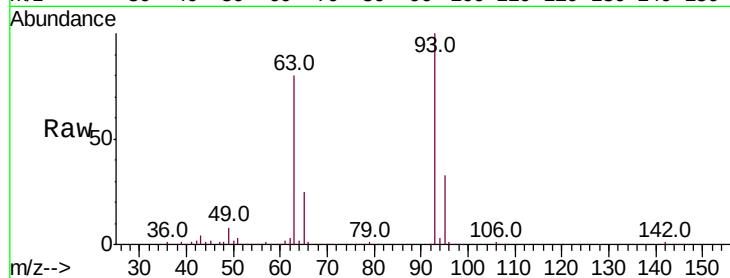
Tot Ion: 93 Resp: 370797

Ion Ratio Lower Upper

93 100

63 80.5 60.0 100.0

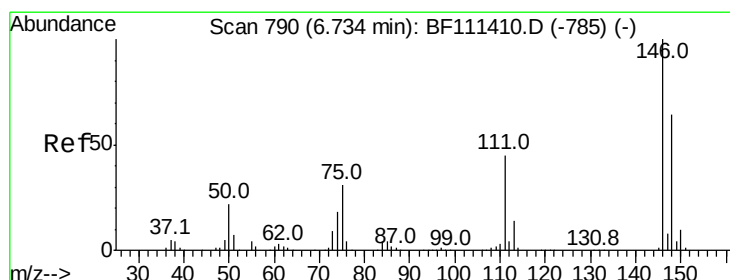
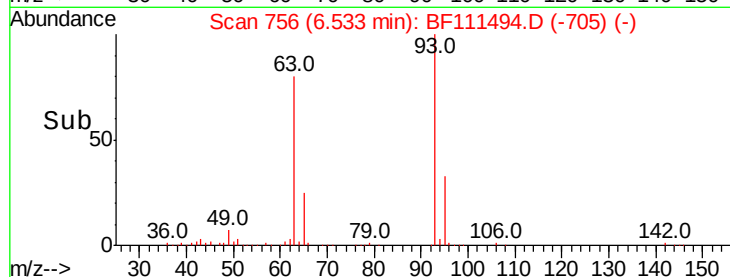
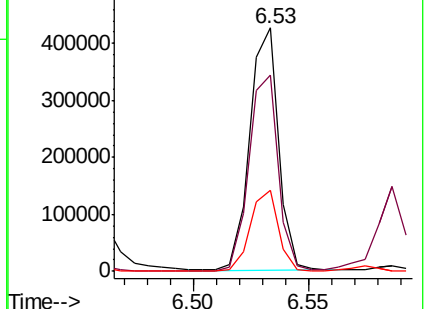
95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.751 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

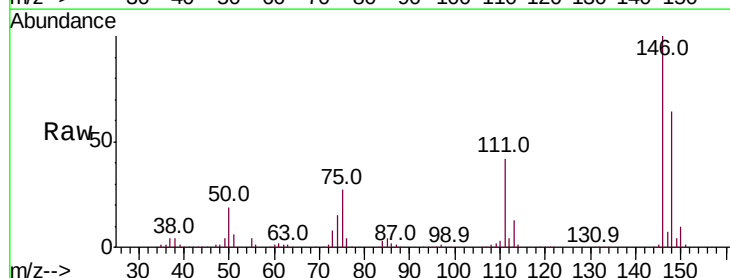
Tgt Ion: 146 Resp: 414026

Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

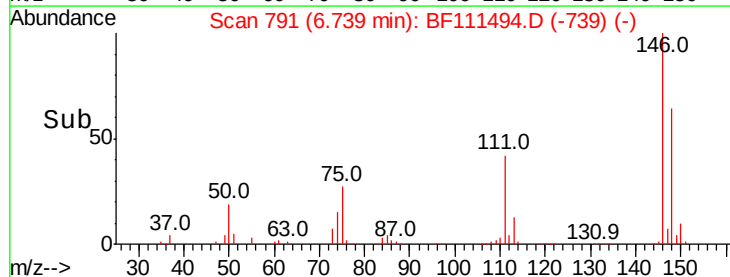
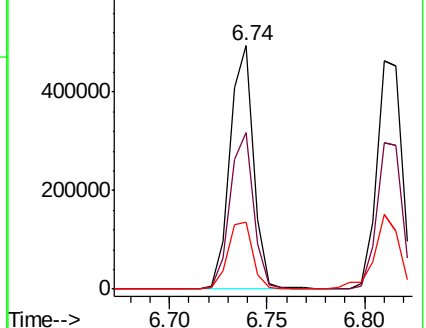
75 27.3 23.9 35.9

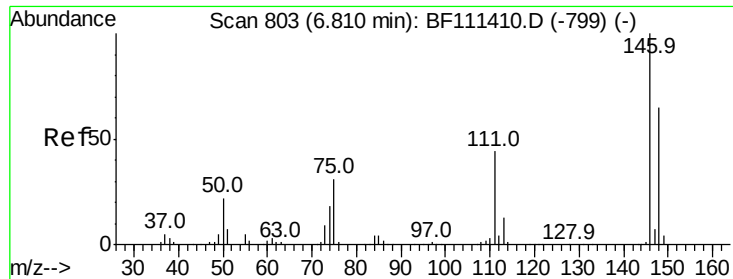


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.705 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

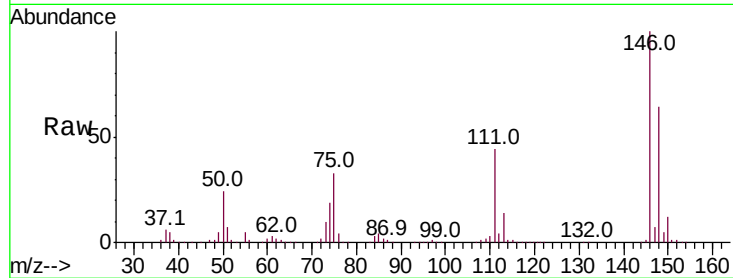
Tot Ion:146 Resp: 419725

Ion Ratio Lower Upper

146 100

148 63.8 52.8 79.2

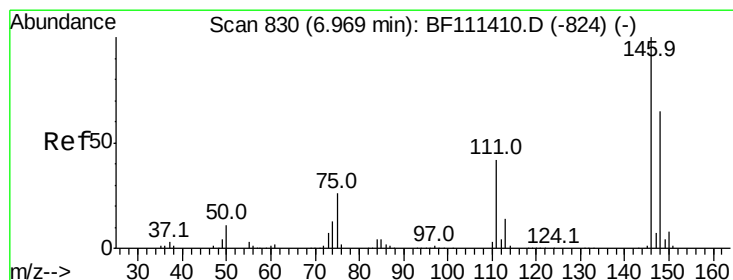
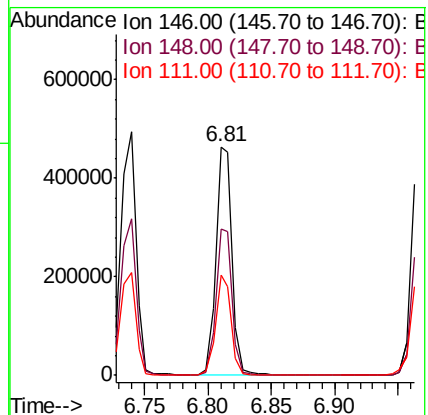
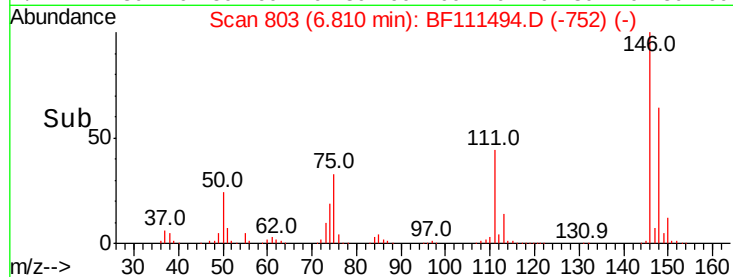
111 43.7 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.867 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

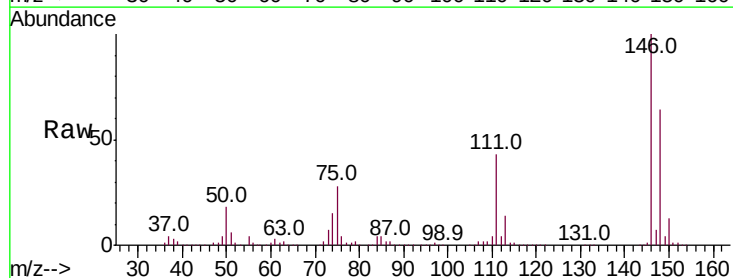
Tgt Ion:146 Resp: 396563

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

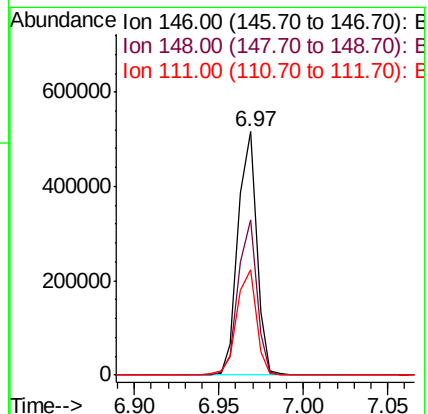
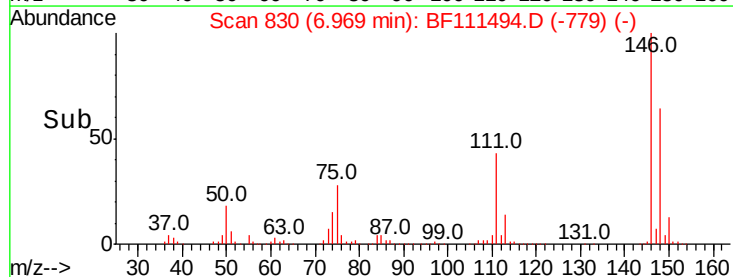
111 43.3 36.2 54.4

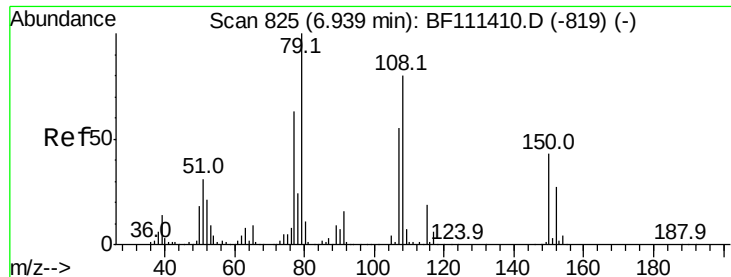


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.902 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

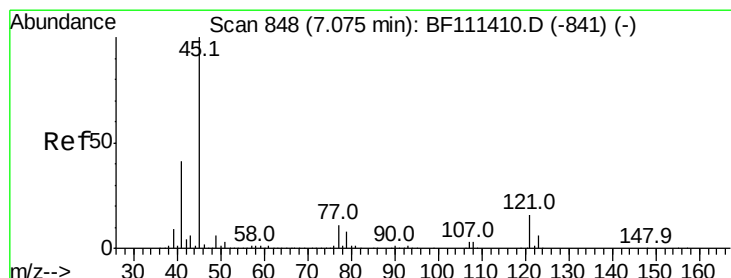
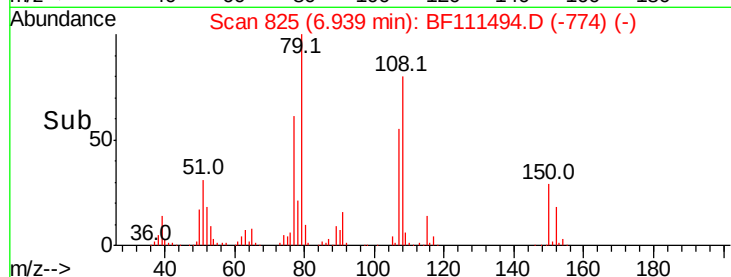
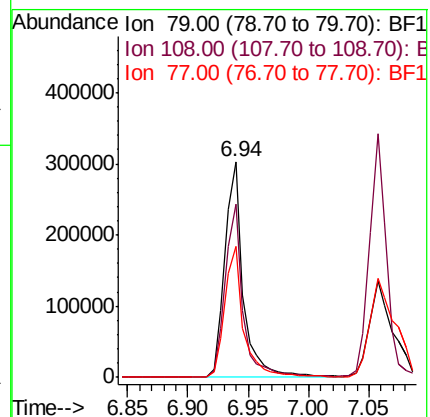
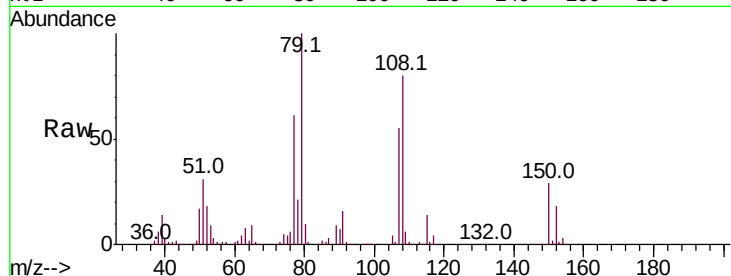
Tot Ion: 79 Resp: 319871

Ion Ratio Lower Upper

79 100

108 80.0 69.4 104.2

77 60.9 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.794 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

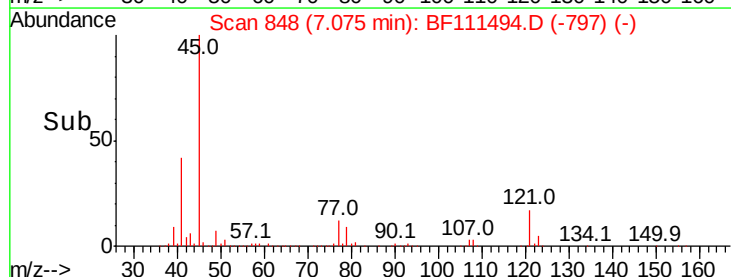
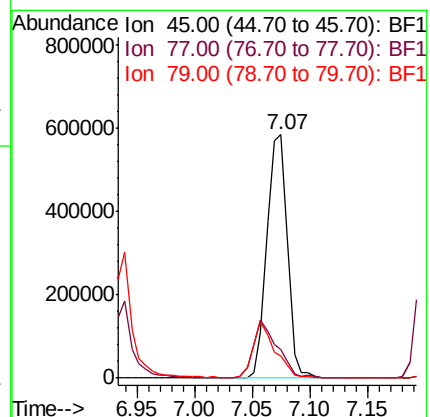
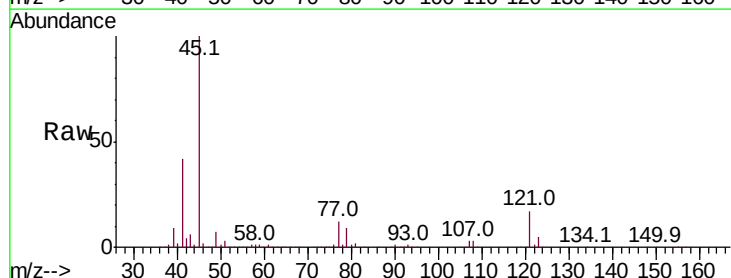
Tgt Ion: 45 Resp: 733652

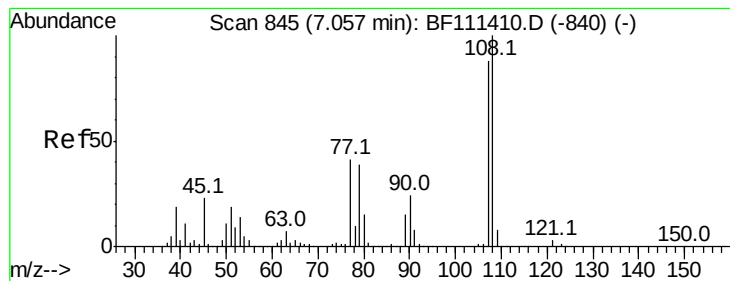
Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.5

79 8.9 0.0 28.9





#17

2-Methylphenol

Concen: 36.219 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

Tot Ion:107 Resp: 290415

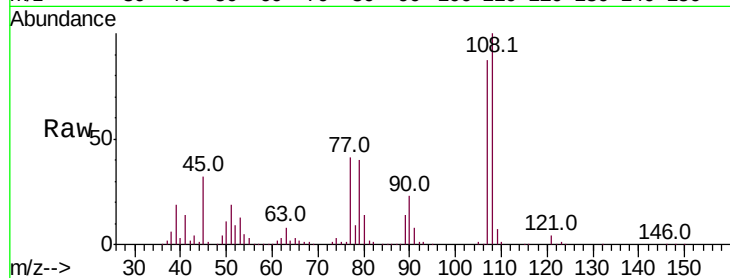
Ion Ratio Lower Upper

107 100

108 115.3 91.0 136.4

77 46.7 33.5 50.3

79 45.6 33.3 49.9

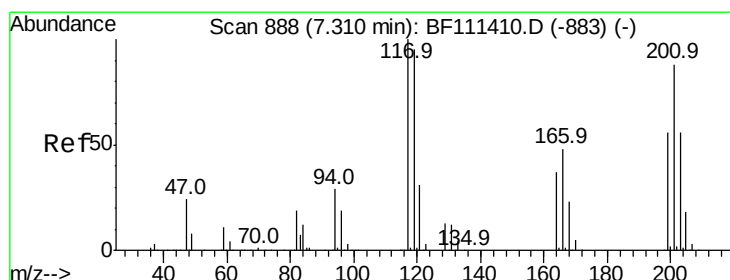
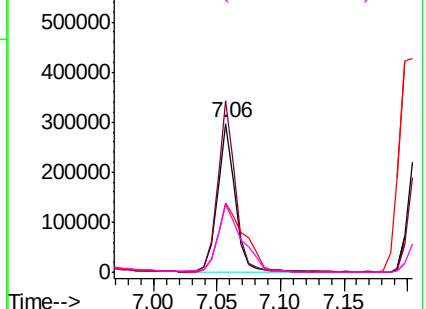
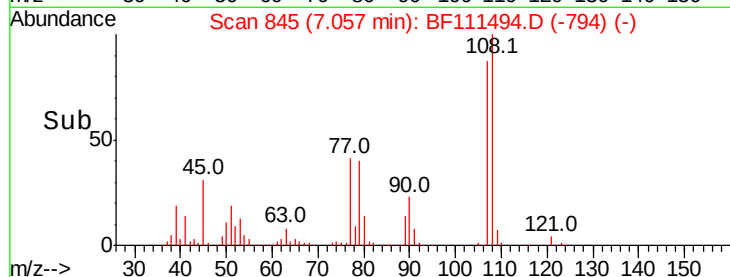


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.343 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

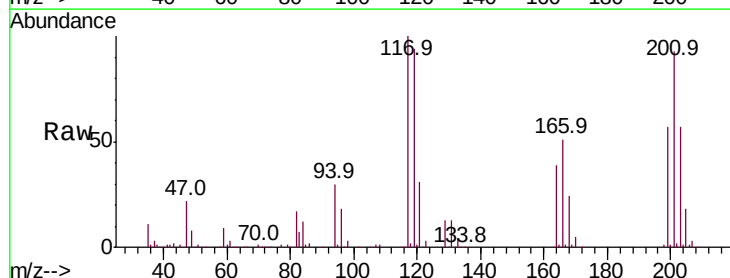
Tgt Ion:117 Resp: 138133

Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.0

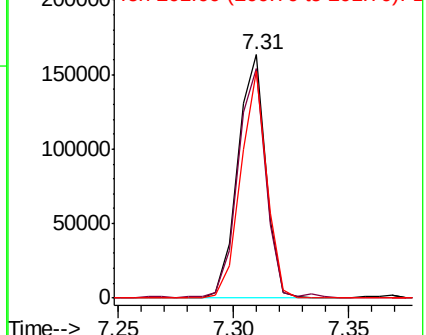
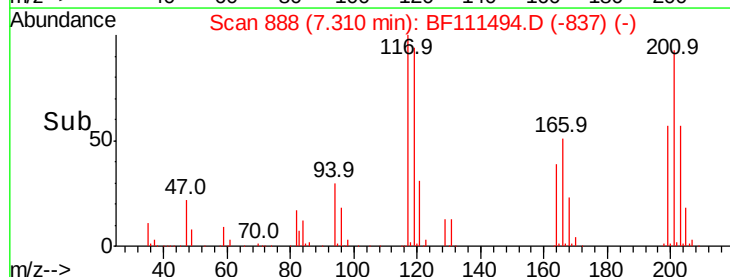
201 93.0 62.4 93.6

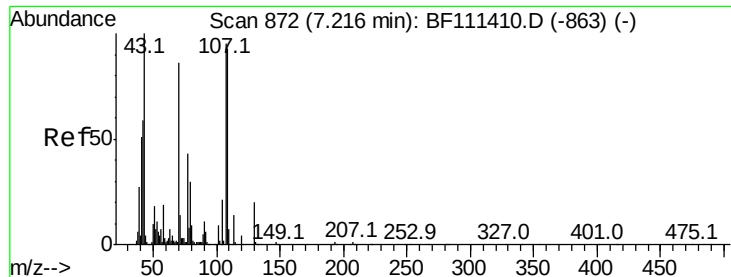


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

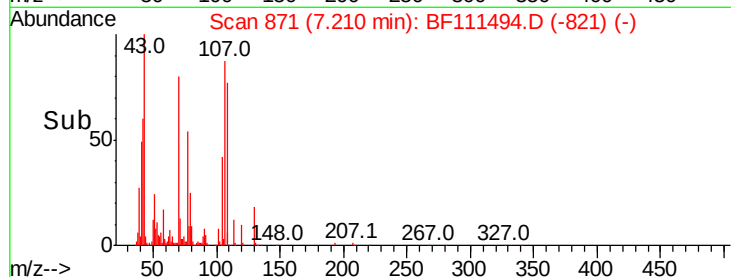
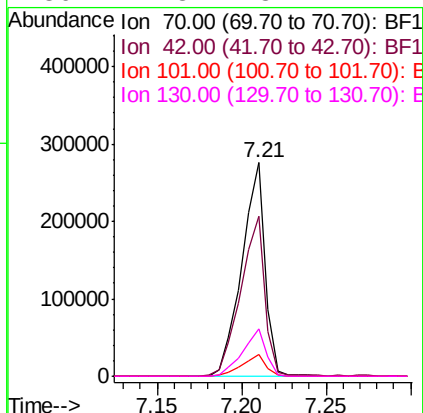
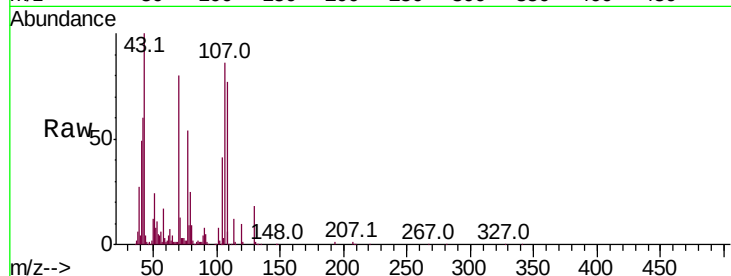




#19
n-Nitroso-di-n-propylamine
Concen: 36.438 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

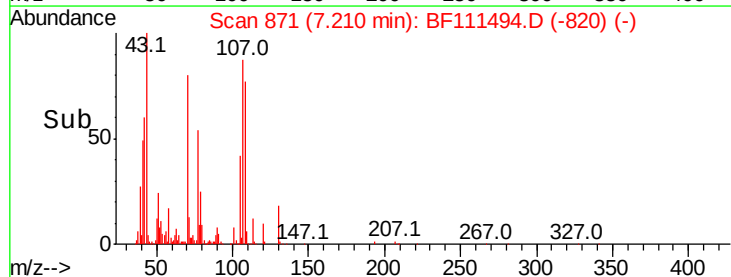
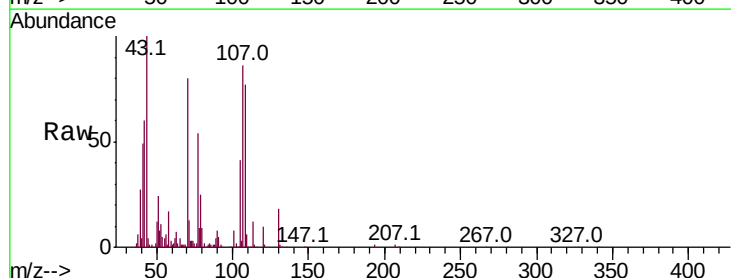
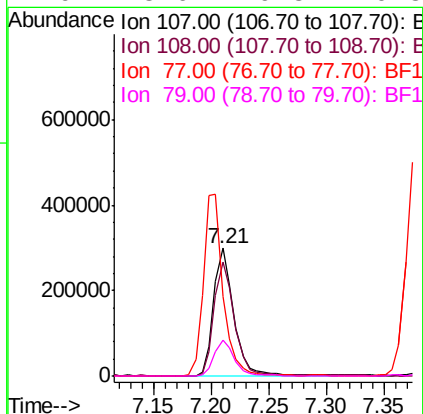
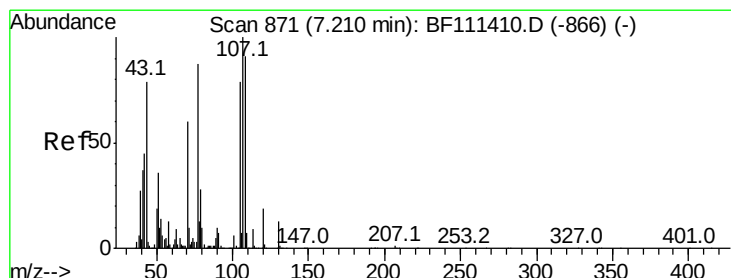
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

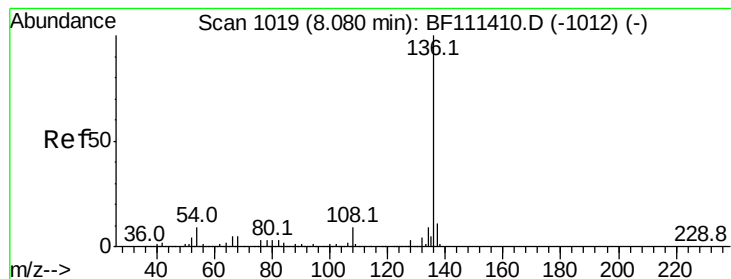
Tot Ion:	70	Resp:	266637
Ion	Ratio	Lower	Upper
70	100		
42	74.9	53.2	79.8
101	10.2	8.2	12.4
130	22.3	18.1	27.1



#20
3+4-Methylphenols
Concen: 35.736 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:	107	Resp:	359431
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.1	112.1
77	62.3	94.1	134.1#
79	28.6	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

Tot Ion:136 Resp: 510176

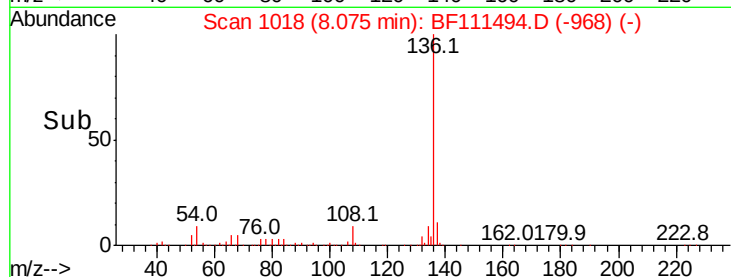
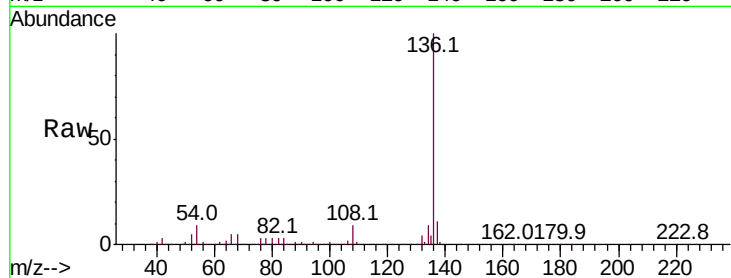
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.0 7.7 11.5

68 4.7 4.9 7.3#



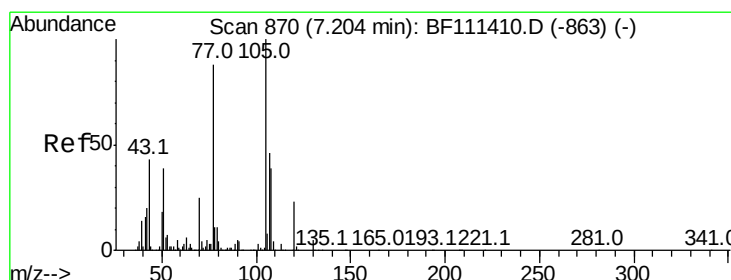
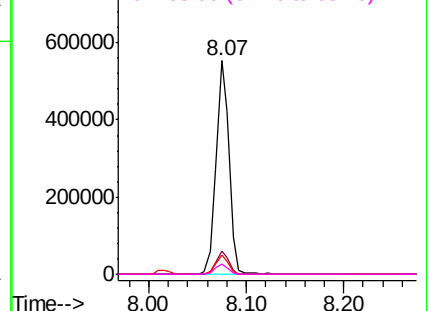
Abundance

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: 47.881 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Tgt Ion:105 Resp: 545304

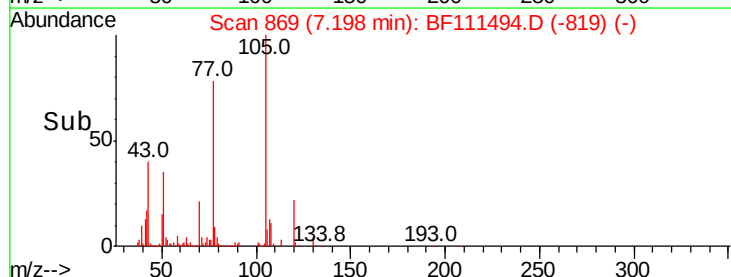
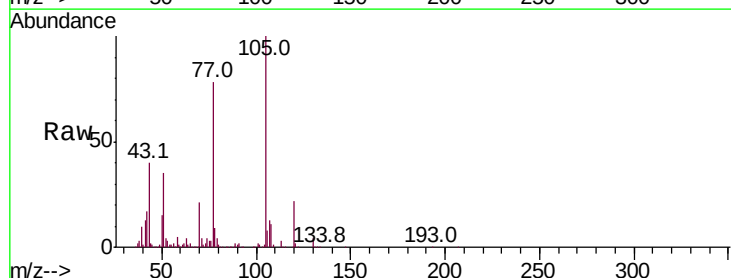
Ion Ratio Lower Upper

105 100

71 3.7 3.1 4.7

51 35.0 36.6 54.8#

120 22.2 18.2 27.4



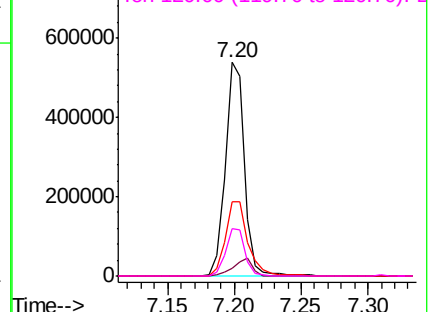
Abundance

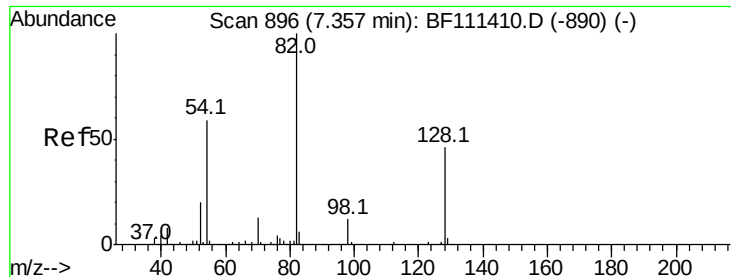
Ion 105.00 (104.70 to 105.70): E

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

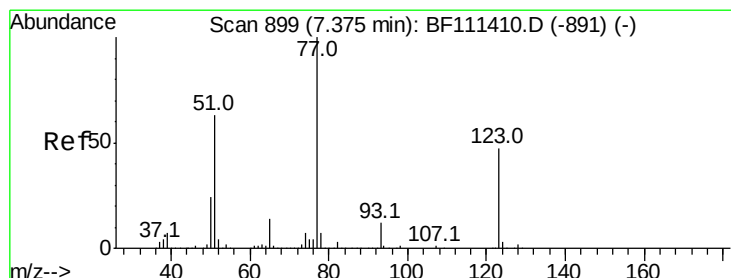
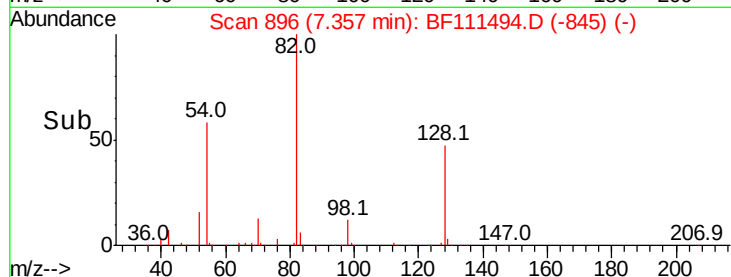
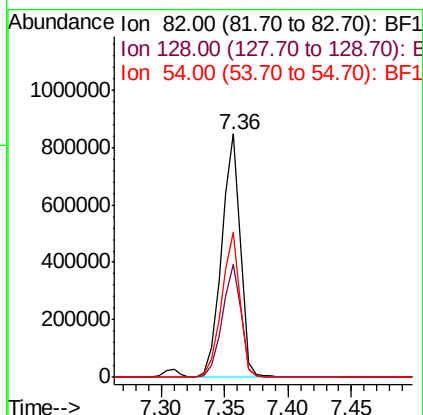
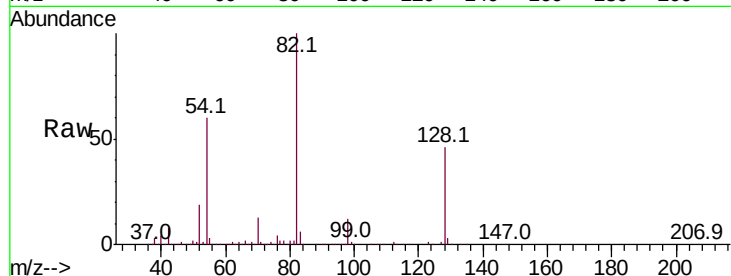




#23
 Nitrobenzene-d5
 Concen: 101.440 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

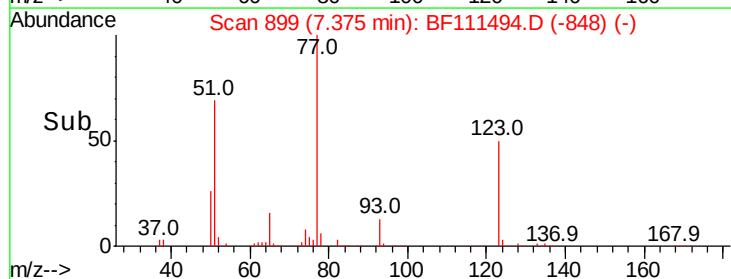
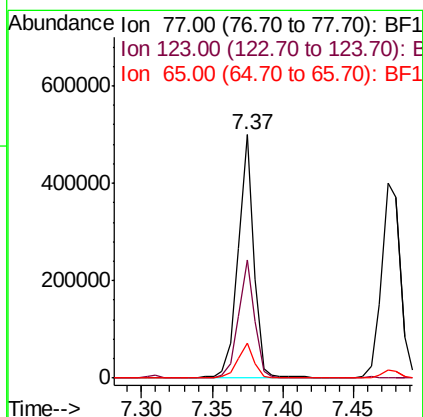
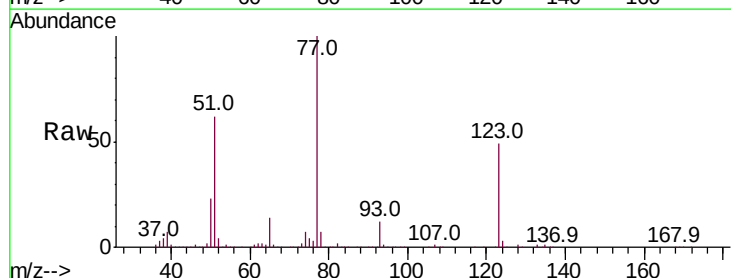
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-AMS

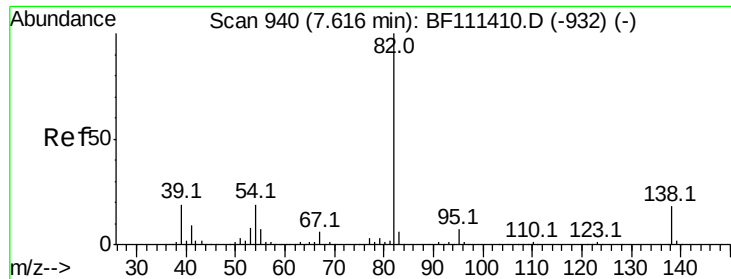
Tot Ion: 82 Resp: 869078
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.4 56.2
 54 59.8 47.6 71.4



#24
 Nitrobenzene
 Concen: 44.139 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Tgt Ion: 77 Resp: 385758
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.2 55.8
 65 14.3 11.5 17.3





#25

Isophorone

Concen: 48.134 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

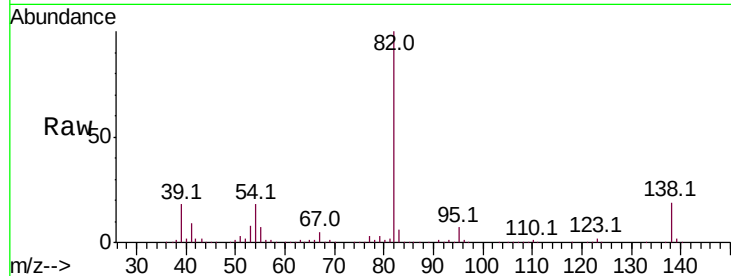
Tot Ion: 82 Resp: 697756

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

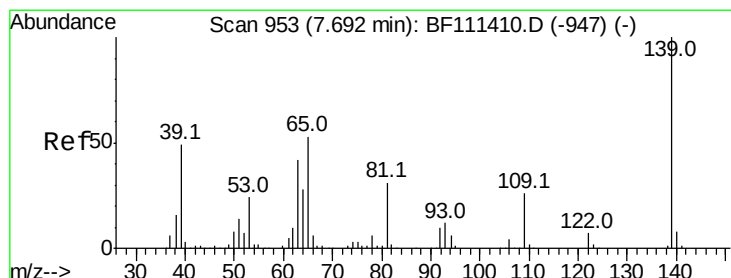
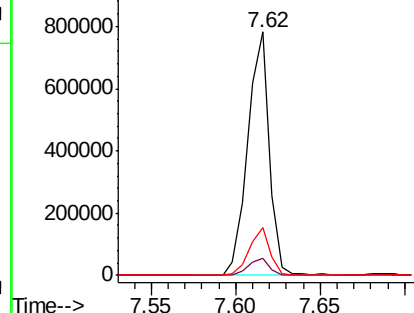
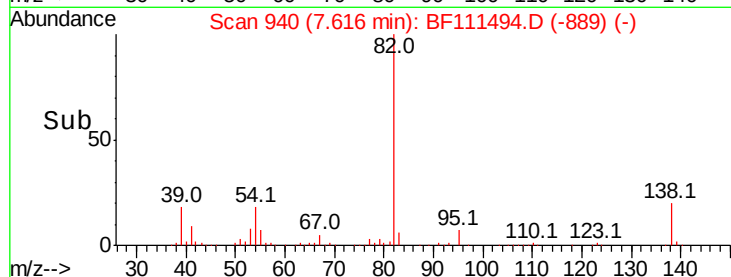
138 19.4 15.1 22.7



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: 37.035 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

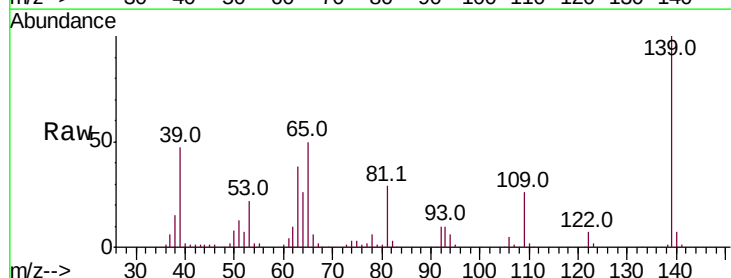
Tgt Ion: 139 Resp: 167856

Ion Ratio Lower Upper

139 100

109 25.8 20.2 30.4

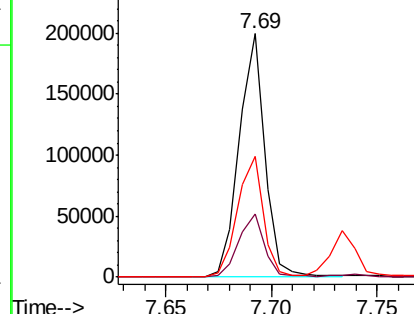
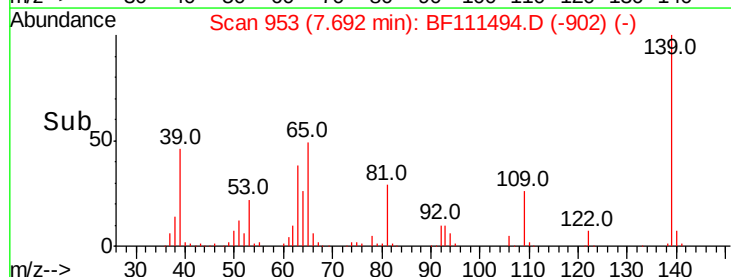
65 49.5 40.7 61.1

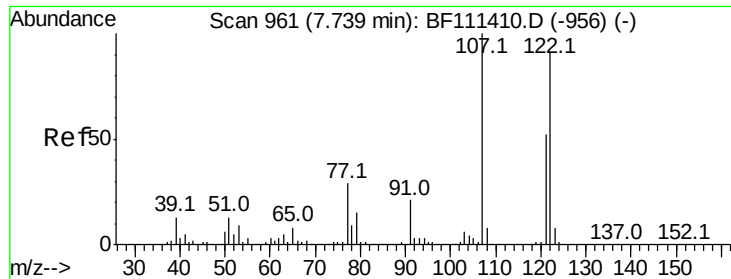


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

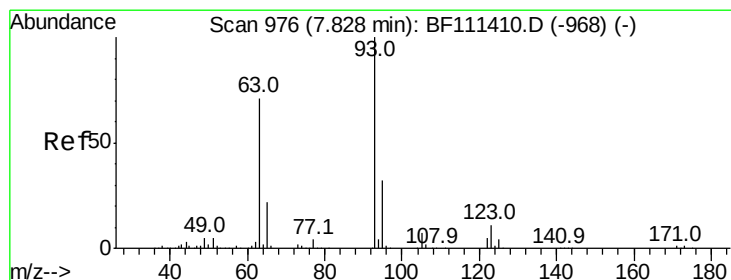
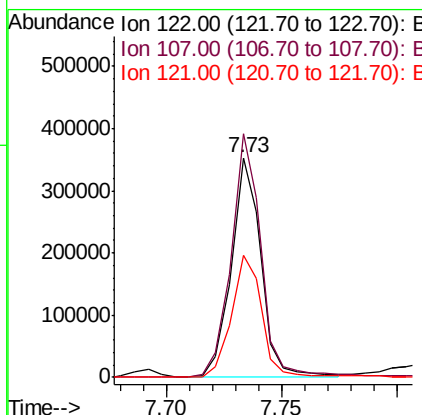
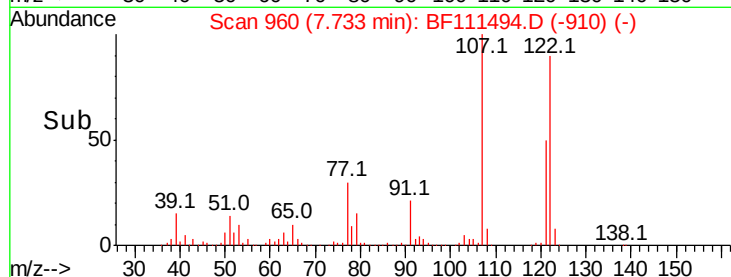
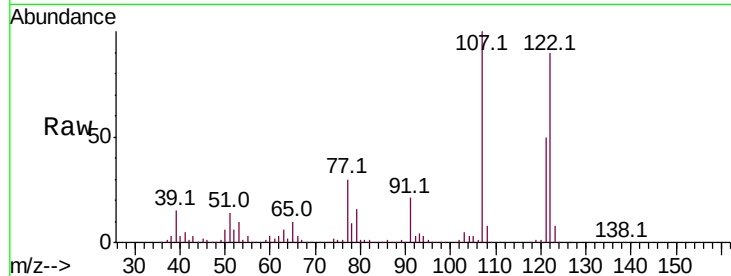




#27
2,4-Dimethylphenol
Concen: 48.069 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

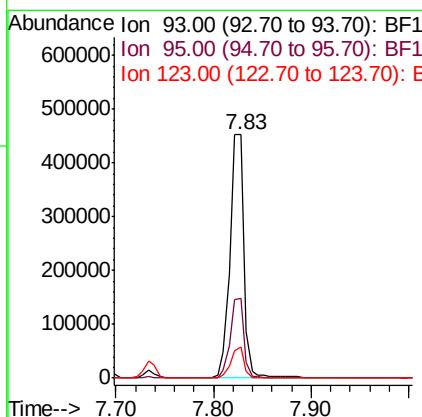
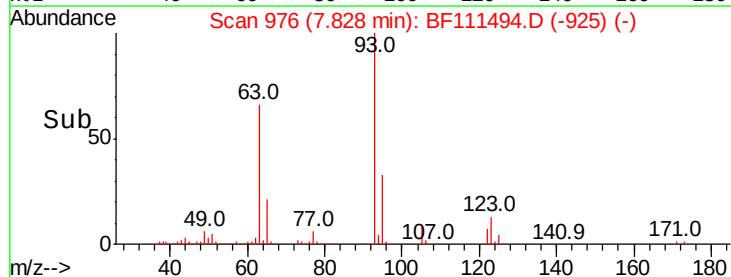
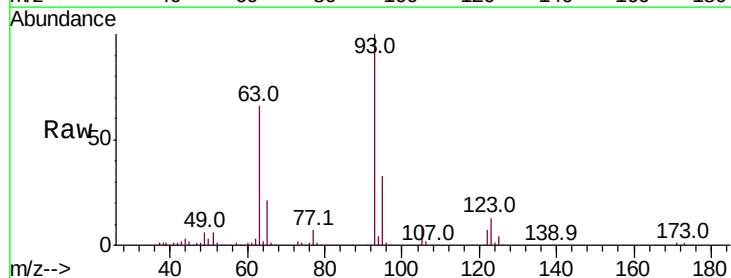
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

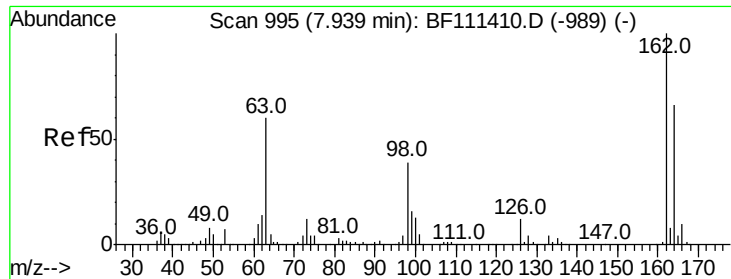
Tot Ion:122 Resp: 315846
Ion Ratio Lower Upper
122 100
107 111.0 85.5 128.3
121 55.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.483 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion: 93 Resp: 455170
Ion Ratio Lower Upper
93 100
95 32.8 27.1 40.7
123 13.0 9.9 14.9

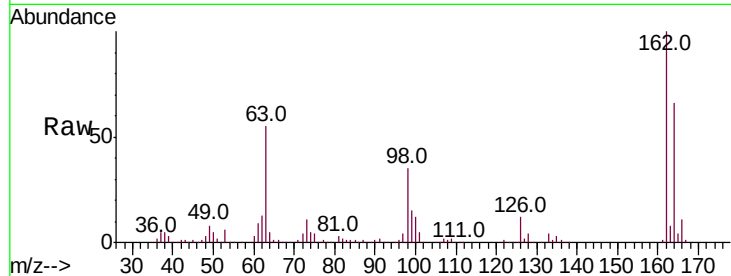




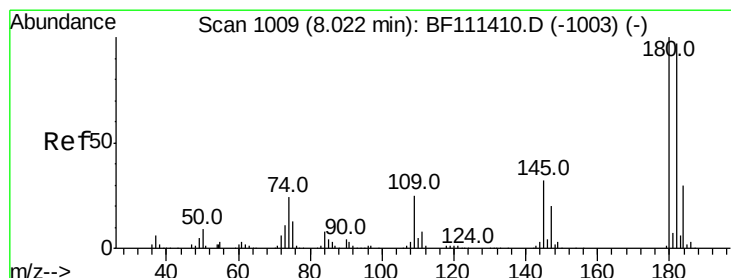
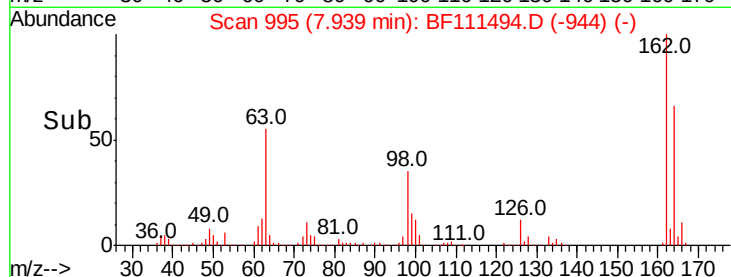
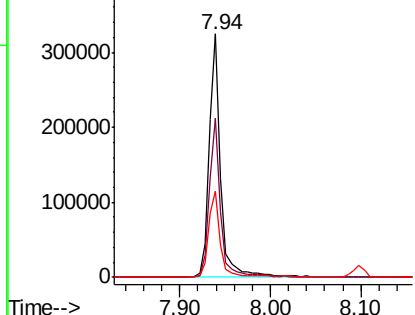
#29
2,4-Dichlorophenol
Concen: 41.973 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.4	84.4
98	35.3	20.3	60.3

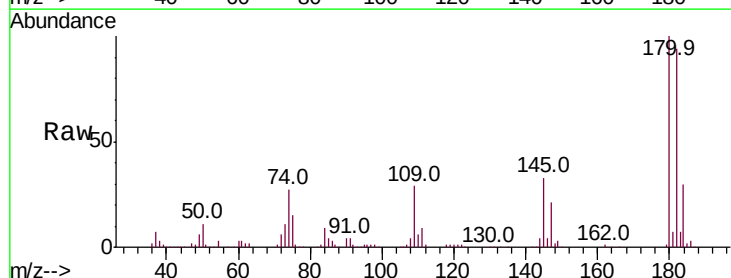


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

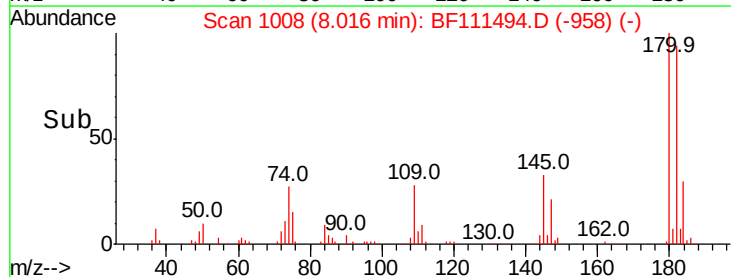
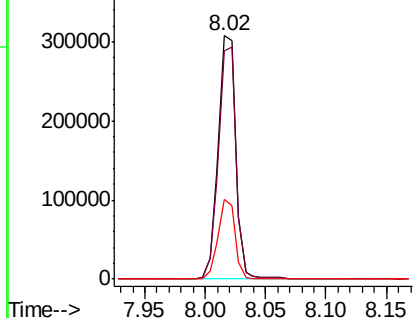


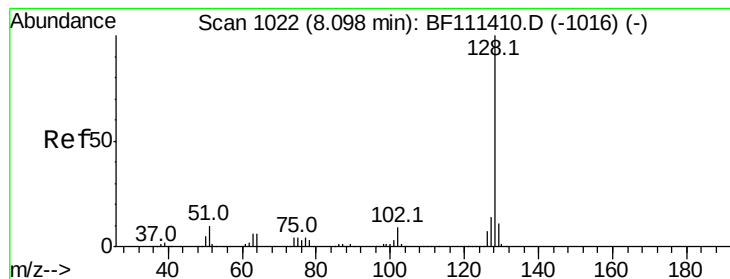
#30
1,2,4-Trichlorobenzene
Concen: 41.900 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.6	113.4
145	33.0	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: 45.715 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

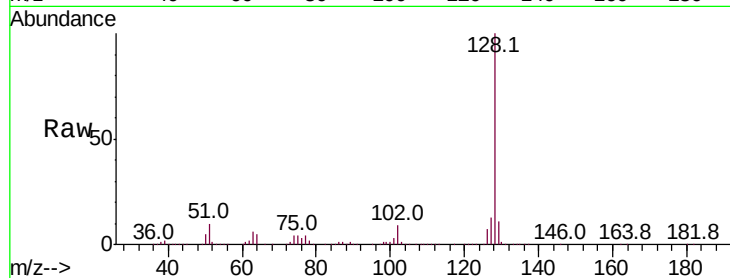
Tot Ion:128 Resp: 1090857

Ion Ratio Lower Upper

128 100

129 10.9 9.8 14.8

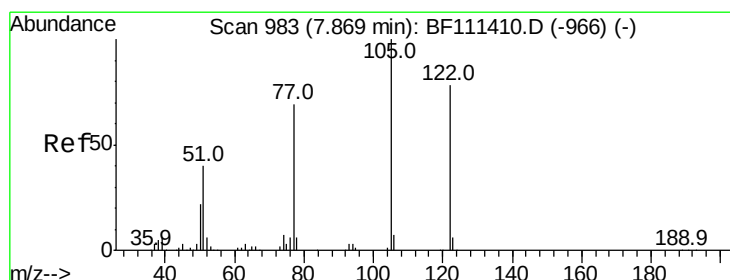
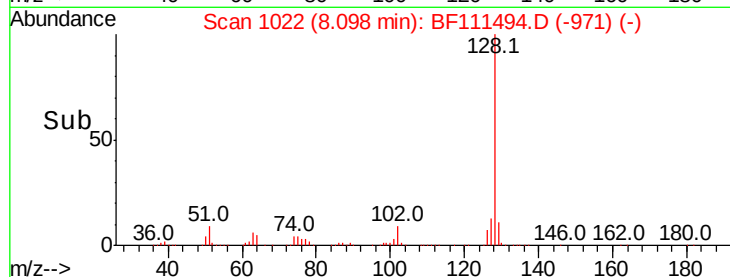
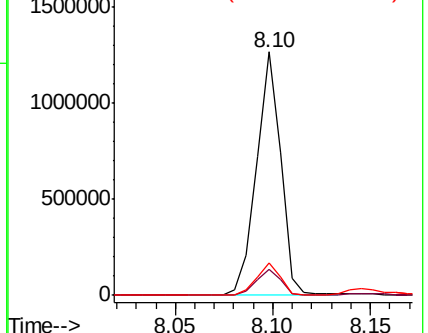
127 13.1 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.145 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

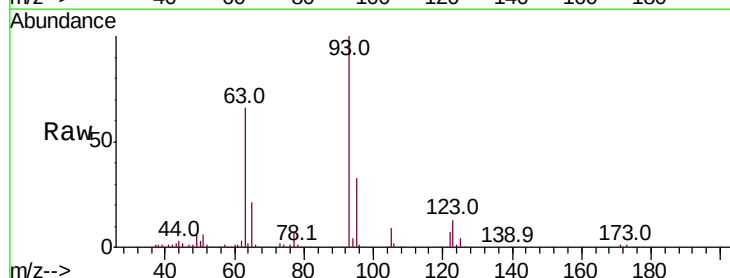
Tgt Ion:122 Resp: 80315

Ion Ratio Lower Upper

122 100

105 122.1 97.0 137.0

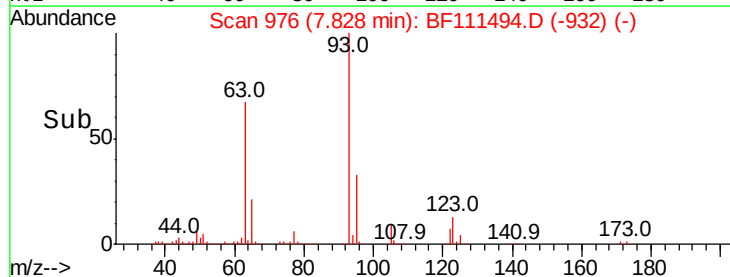
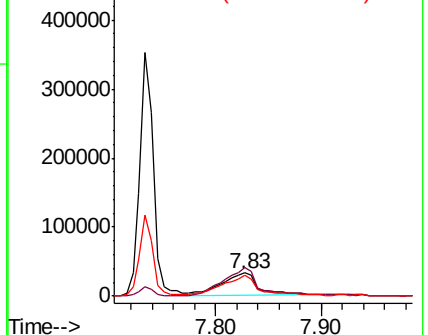
77 91.1 65.7 105.7

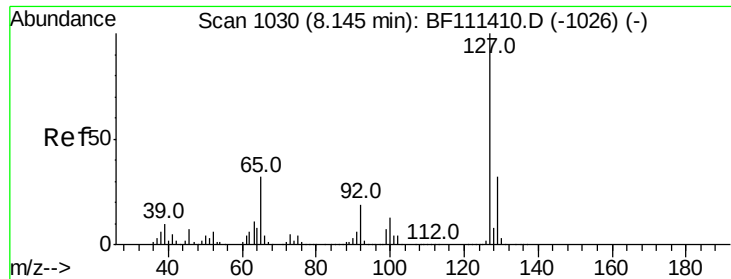


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

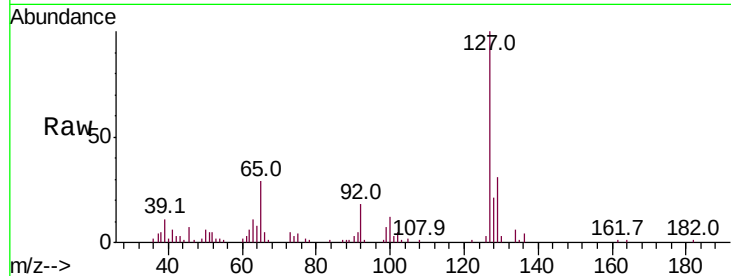




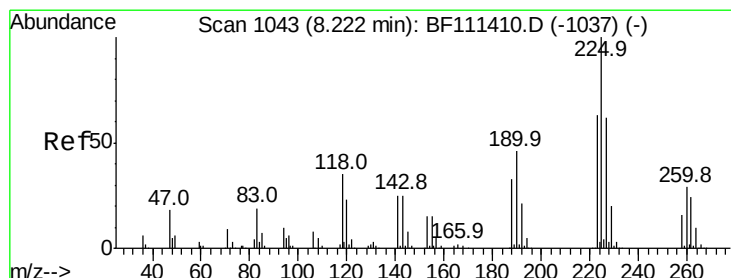
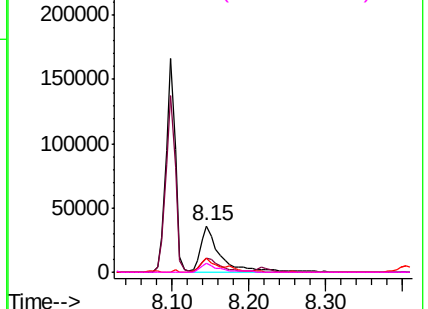
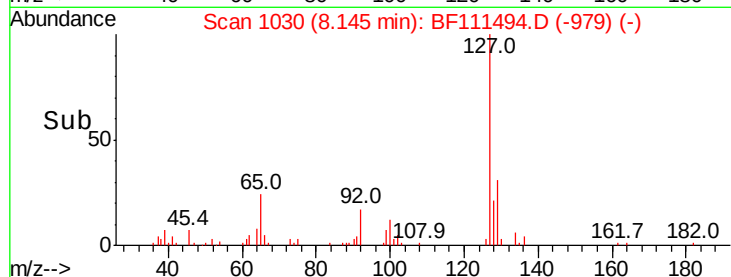
#33
4-Chloroaniline
Concen: 6.183 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:127	Resp:	65608
Ion Ratio	Lower	Upper
127	100	
129	31.2	26.6 39.8
65	29.3	25.7 38.5
92	18.2	15.4 23.2

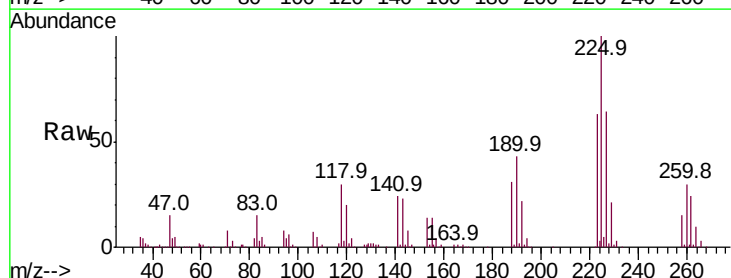


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

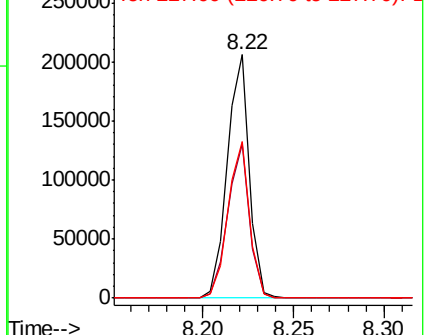
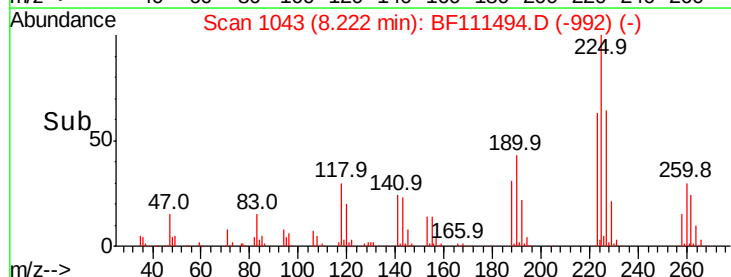


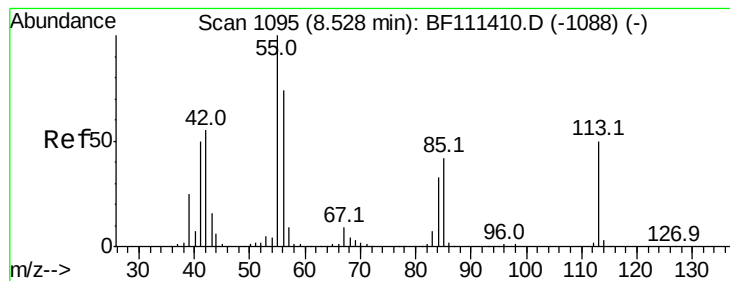
#34
Hexachlorobutadiene
Concen: 43.061 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:225	Resp:	174198
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.7 76.1
227	64.1	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: 23.216 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

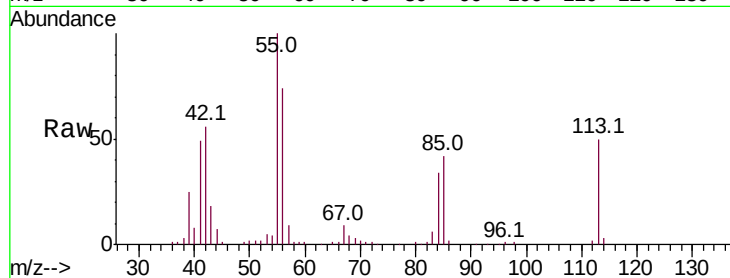
Tot Ion:113 Resp: 60459

Ion Ratio Lower Upper

113 100

55 201.3 184.1 224.1

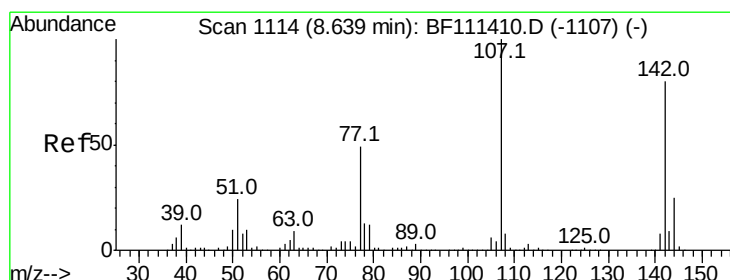
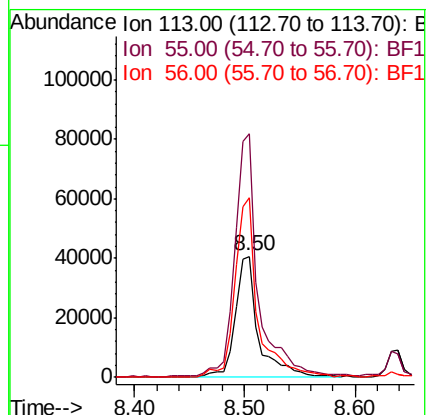
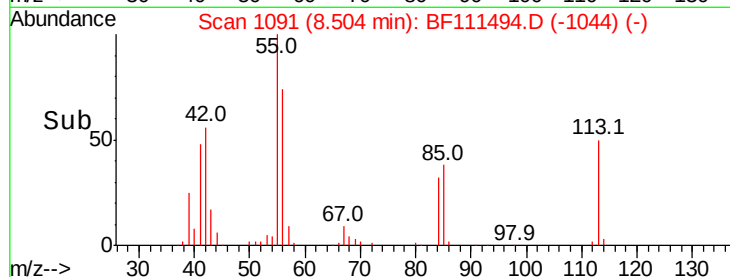
56 149.0 126.0 166.0



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: 37.274 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

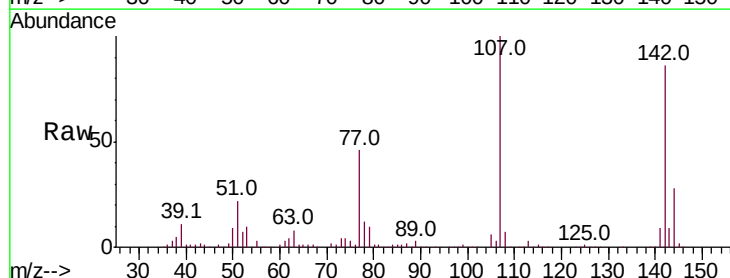
Tgt Ion:107 Resp: 287785

Ion Ratio Lower Upper

107 100

144 27.8 19.8 29.6

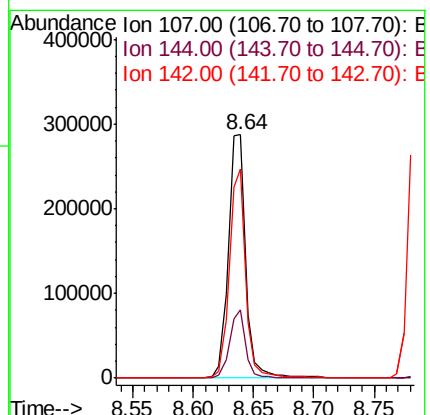
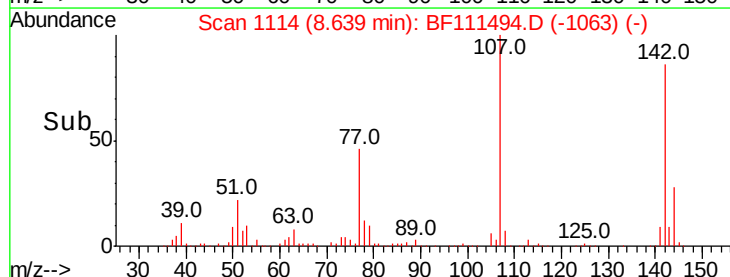
142 85.8 62.3 93.5

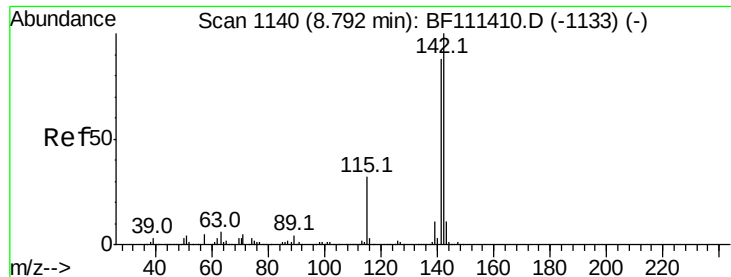


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

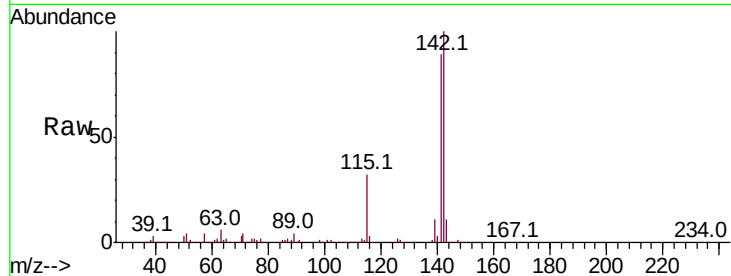




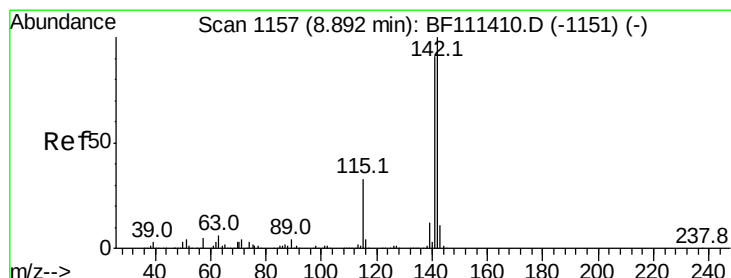
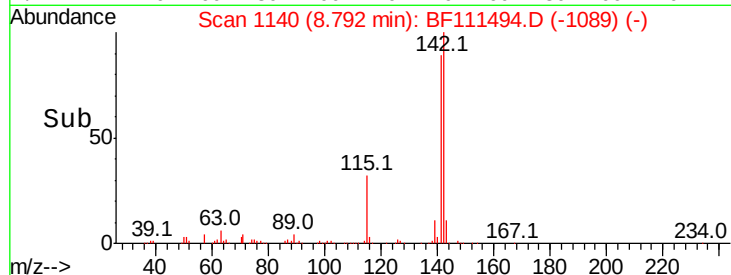
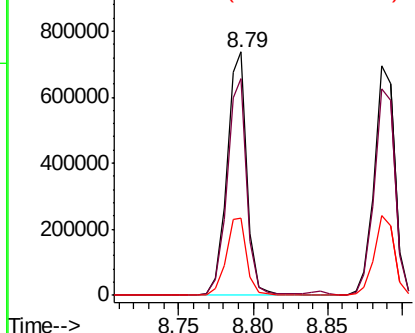
#37
2-Methylnaphthalene
Concen: 43.251 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	105.8
115	31.8	27.0	40.6

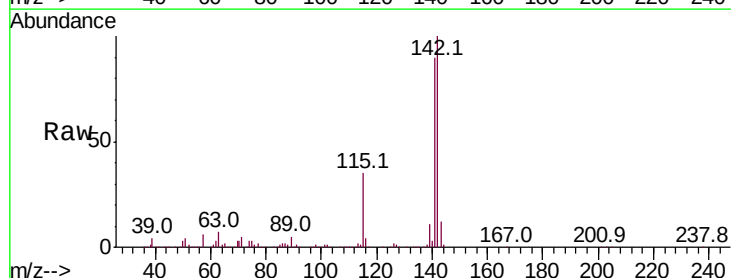


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

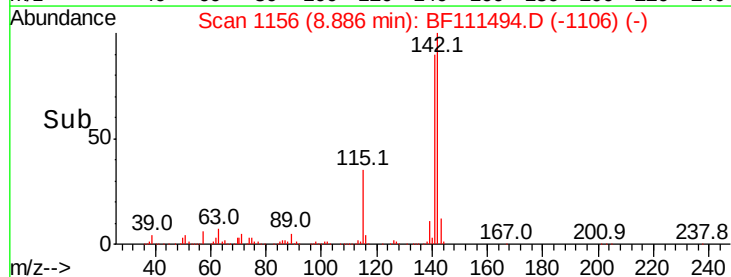
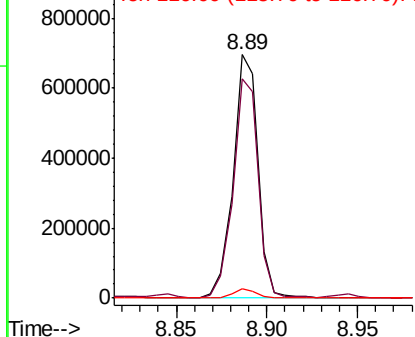


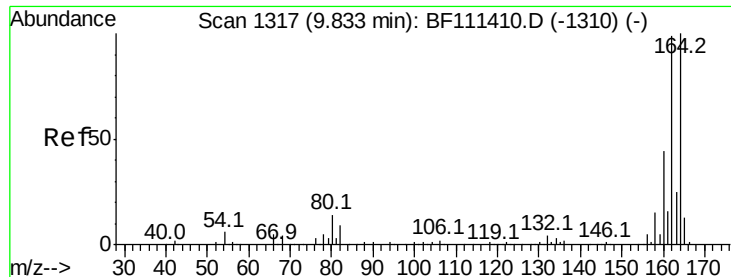
#38
1-Methylnaphthalene
Concen: 42.098 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.2	111.4
116	3.7	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

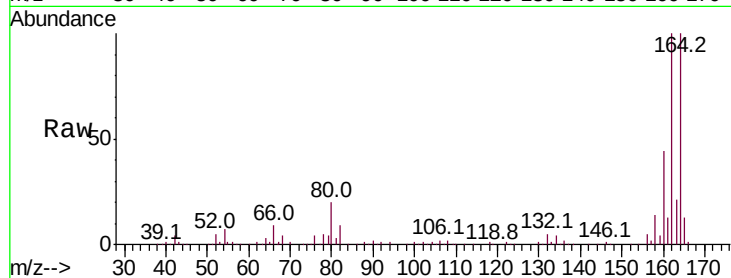
Tot Ion:164 Resp: 198024

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

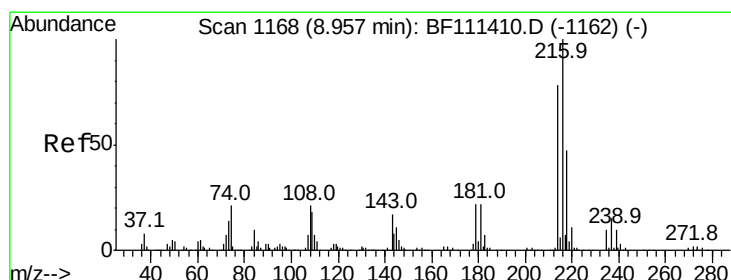
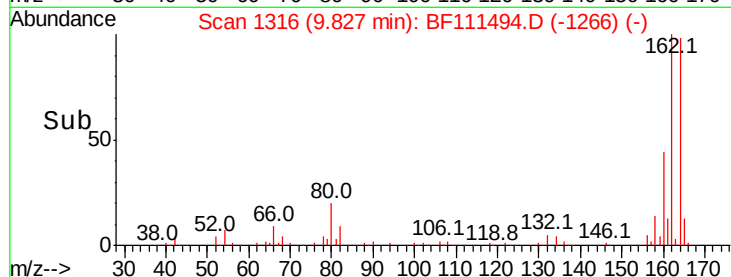
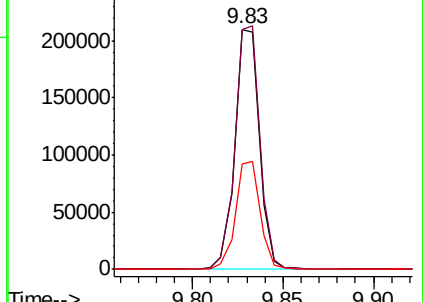
160 44.1 35.7 53.5



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: 49.595 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Tgt Ion:216 Resp: 269333

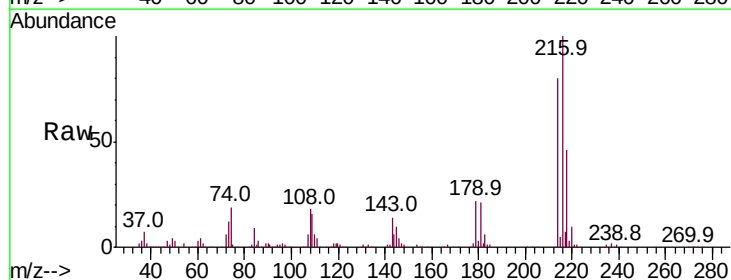
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 21.7 17.9 26.9

108 19.0 18.4 27.6

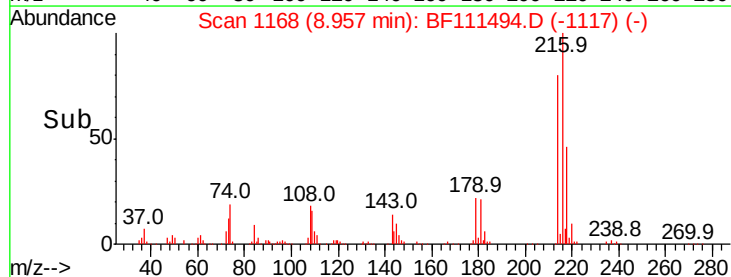
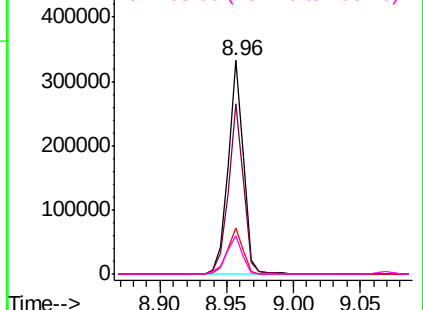


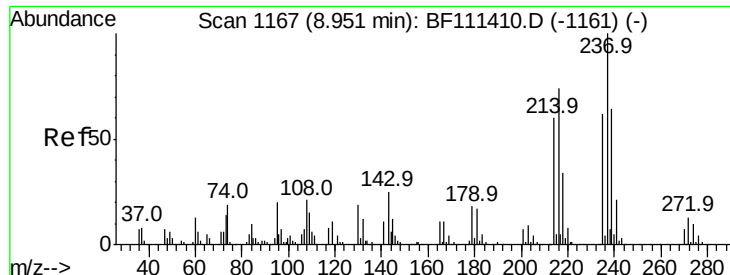
Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.567 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

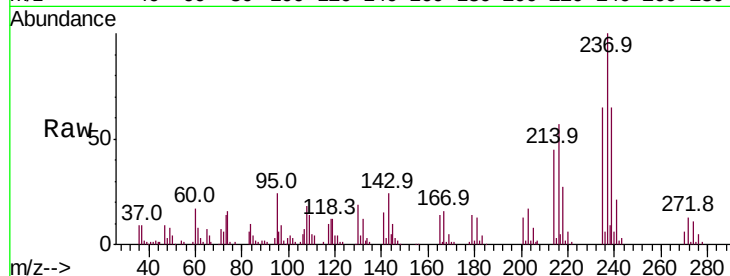
Tot Ion:237 Resp: 60133

Ion Ratio Lower Upper

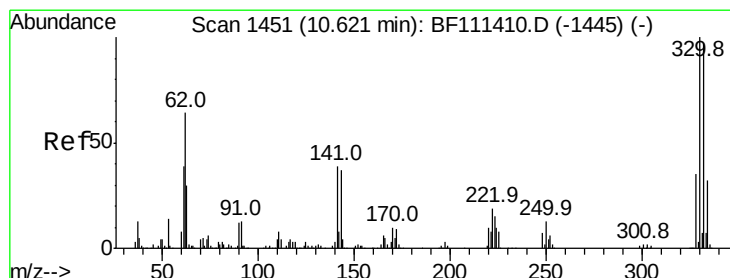
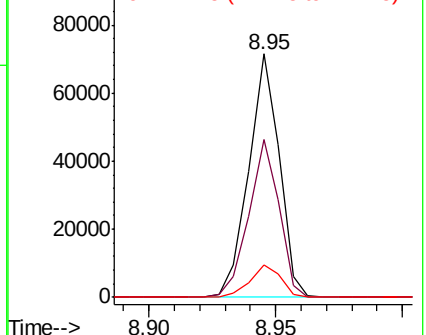
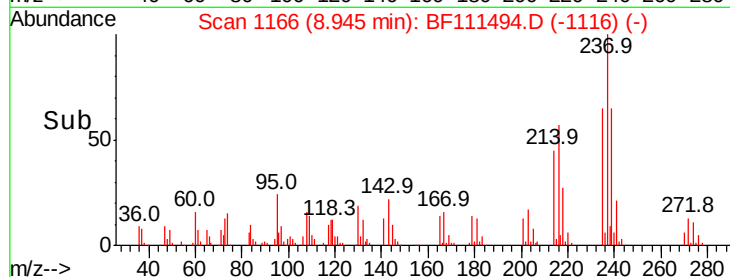
237 100

235 64.9 43.1 83.1

272 13.3 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: 131.167 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

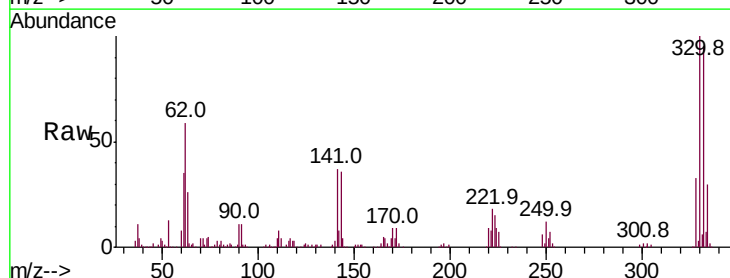
Tgt Ion:330 Resp: 232673

Ion Ratio Lower Upper

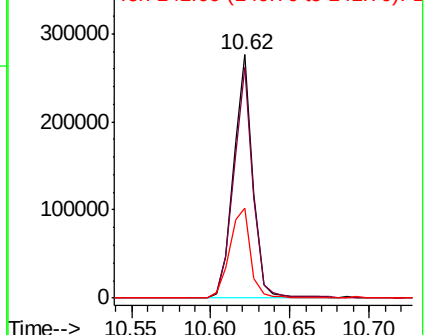
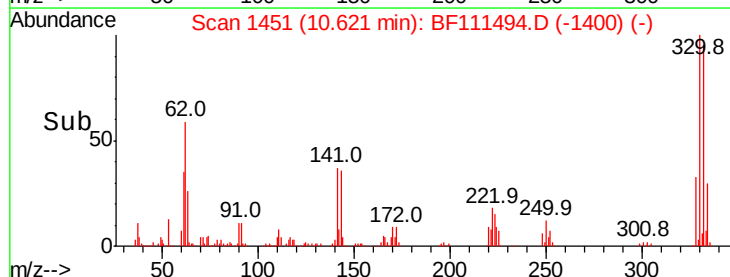
330 100

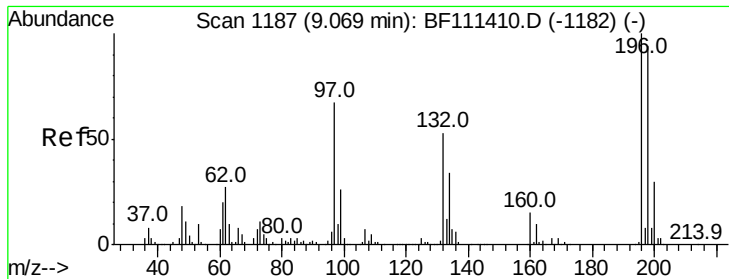
332 95.6 76.0 114.0

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

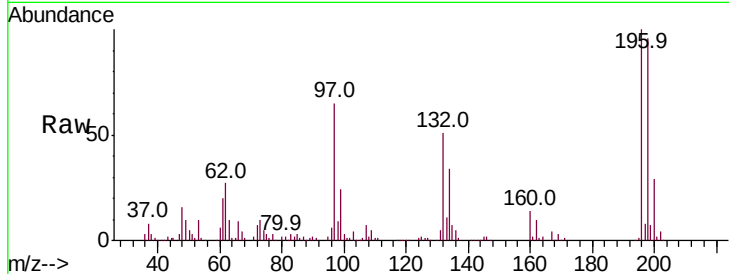




#43
 2,4,6-Trichlorophenol
 Concen: 46.329 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.3	114.5
200	29.3	24.9	37.3

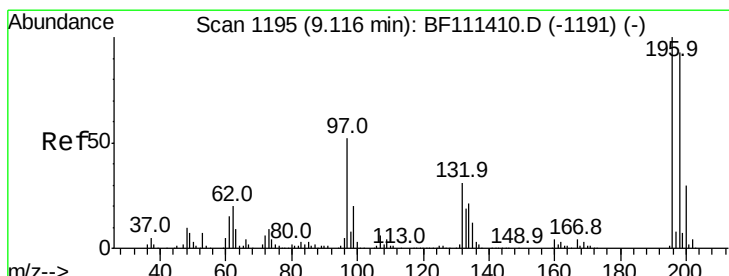
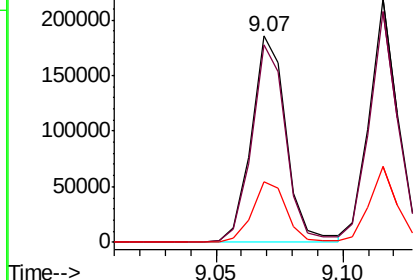
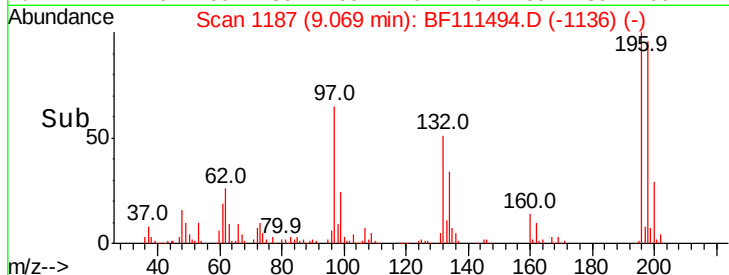


Abundance

Ion 196.00 (195.70 to 196.70): E

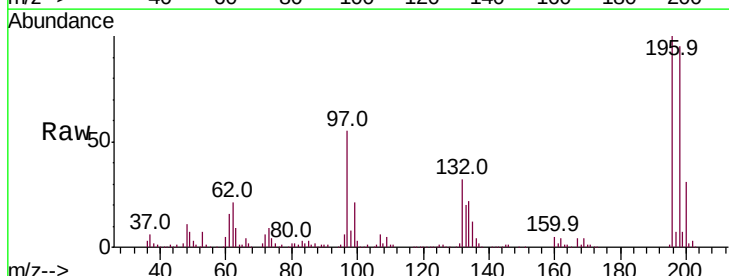
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.586 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	72.9	109.3
97	54.7	45.3	67.9
132	31.6	25.5	38.3



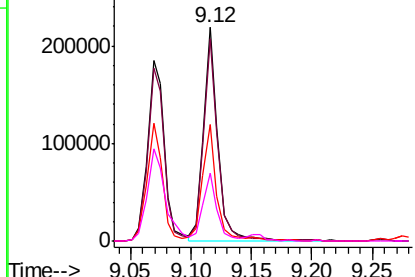
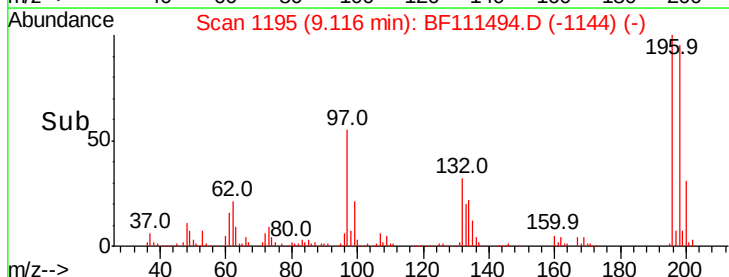
Abundance

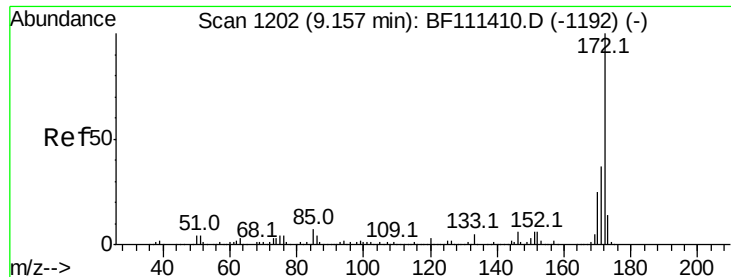
Ion 196.00 (195.70 to 196.70): E

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

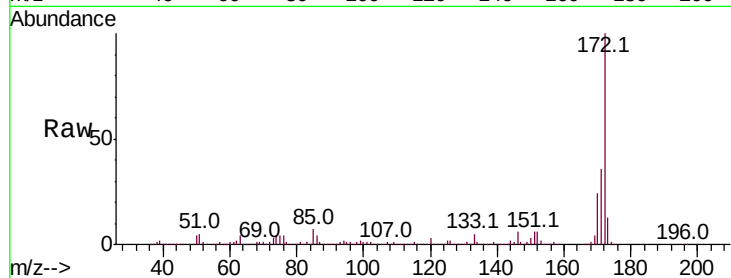




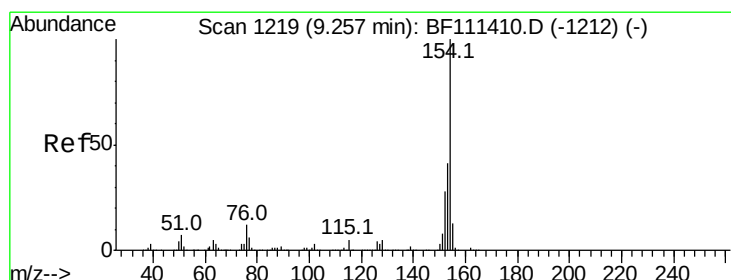
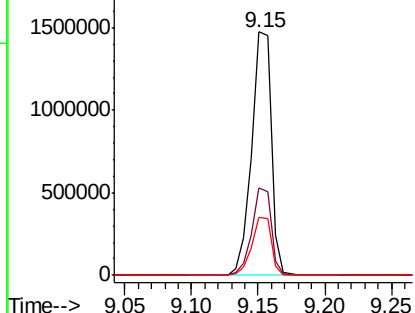
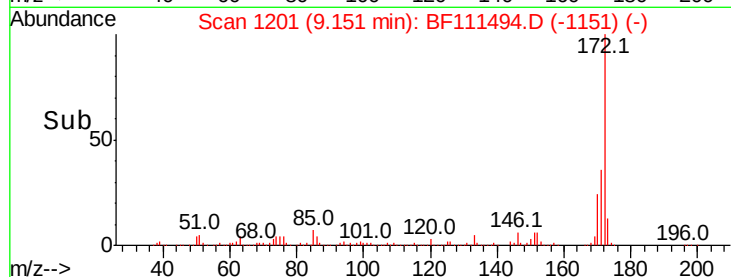
#45
2-Fluorobiphenyl
Concen: 115.613 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:172 Resp: 1482170
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 23.6 22.3 33.5

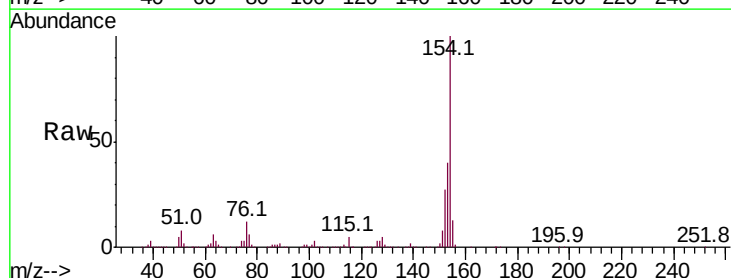


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

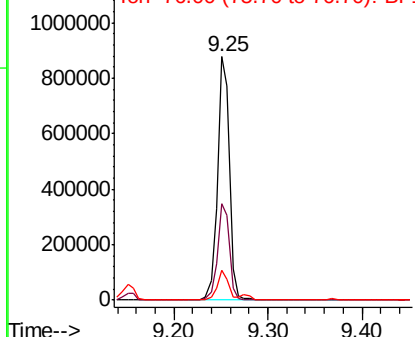
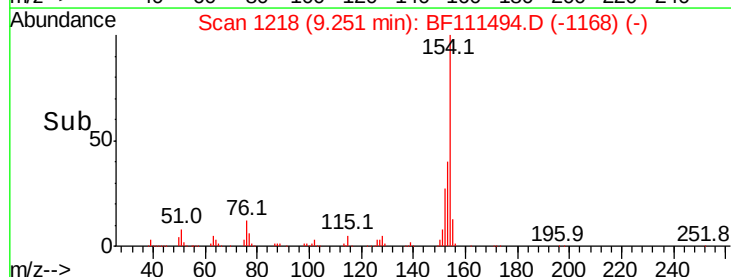


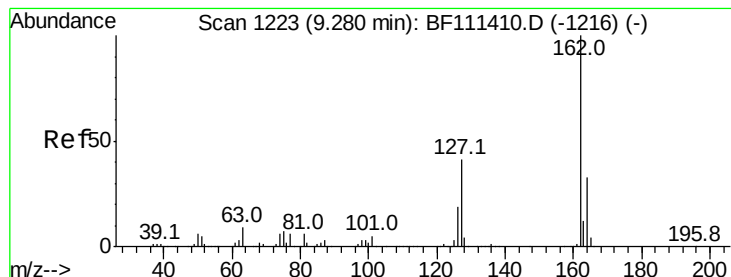
#46
1,1'-Biphenyl
Concen: 46.640 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:154 Resp: 782570
Ion Ratio Lower Upper
154 100
153 39.6 23.7 63.7
76 12.0 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 46.389 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

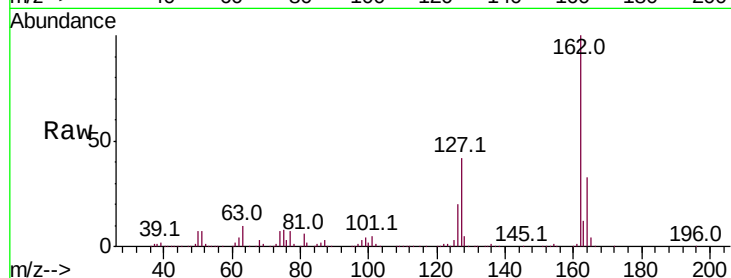
Tot Ion:162 Resp: 591638

Ion Ratio Lower Upper

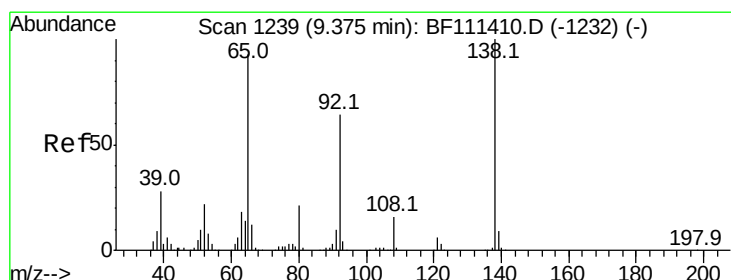
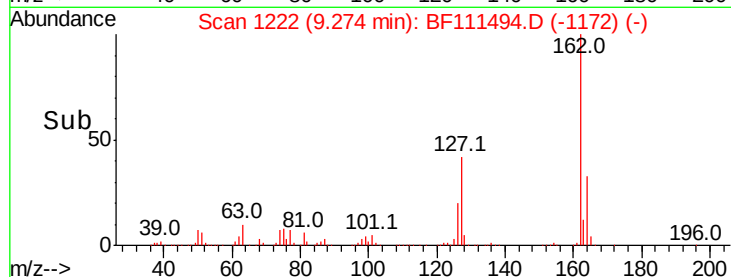
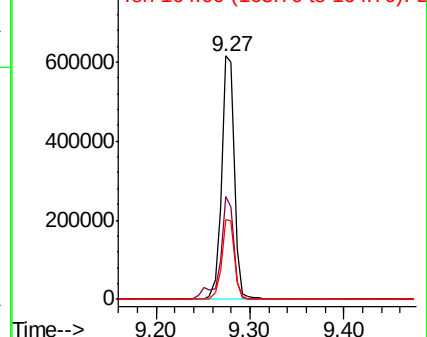
162 100

127 42.3 35.0 52.4

164 32.5 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: 44.343 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

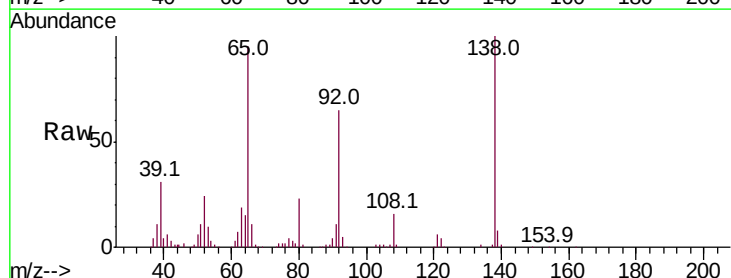
Tgt Ion: 65 Resp: 183627

Ion Ratio Lower Upper

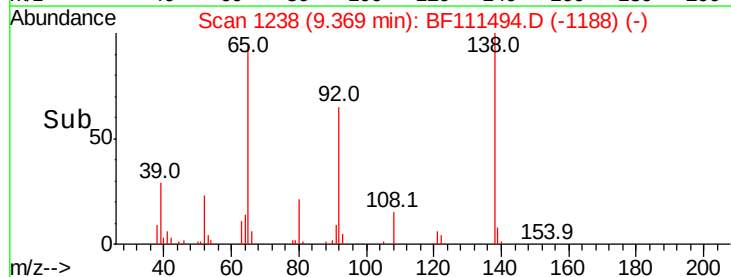
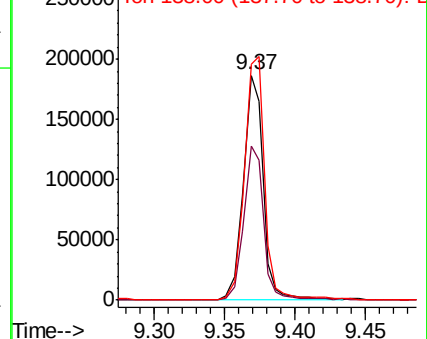
65 100

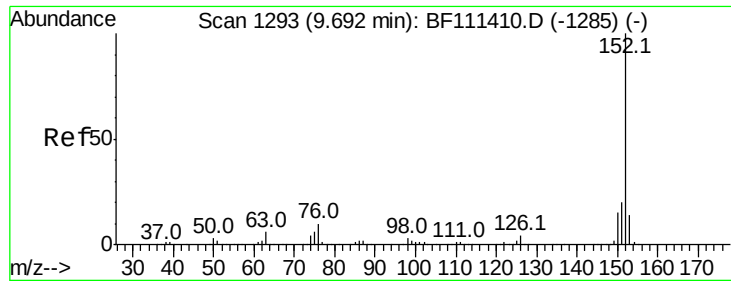
92 68.5 53.5 80.3

138 104.8 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: 47.313 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

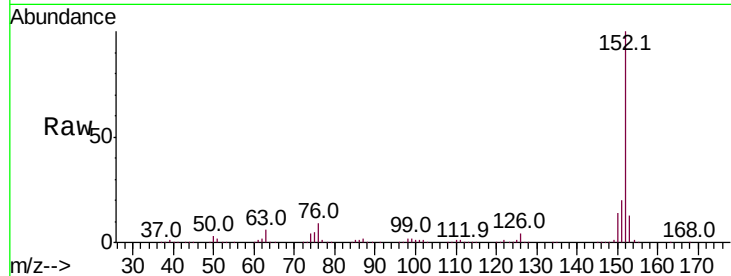
Tot Ion:152 Resp: 895696

Ion Ratio Lower Upper

152 100

151 20.1 18.0 27.0

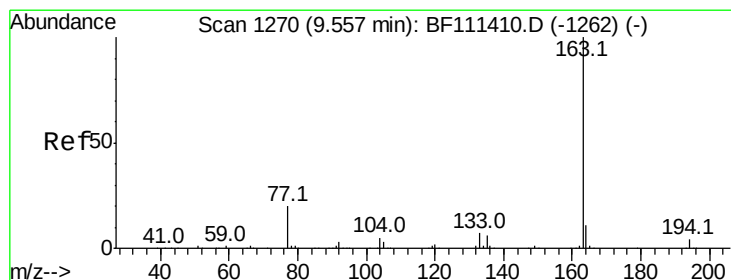
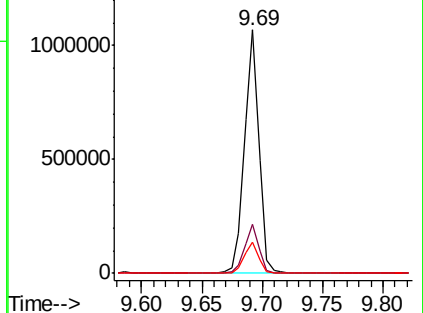
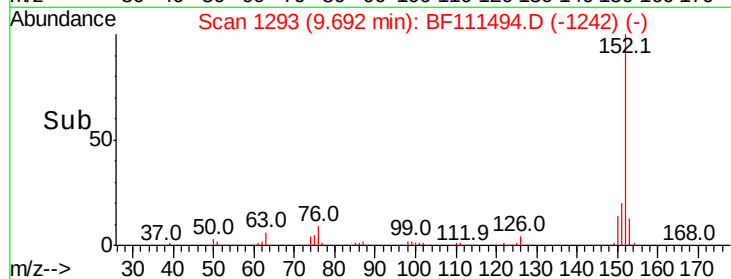
153 13.0 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.348 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

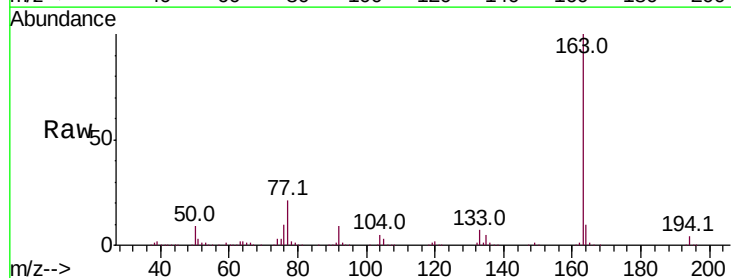
Tgt Ion:163 Resp: 689498

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

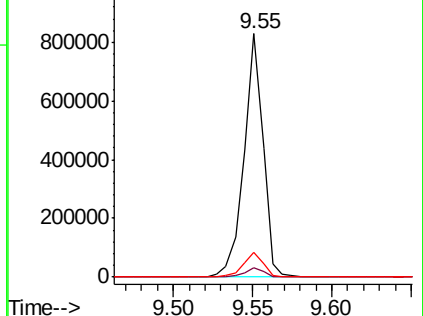
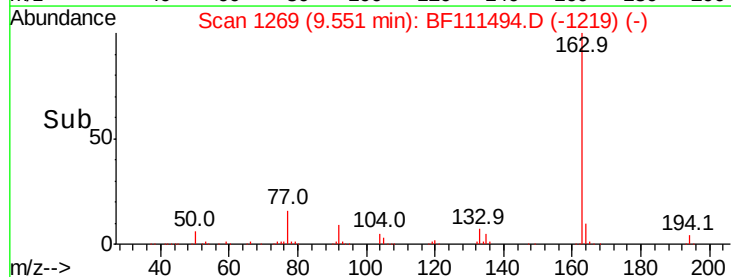
164 10.0 8.9 13.3

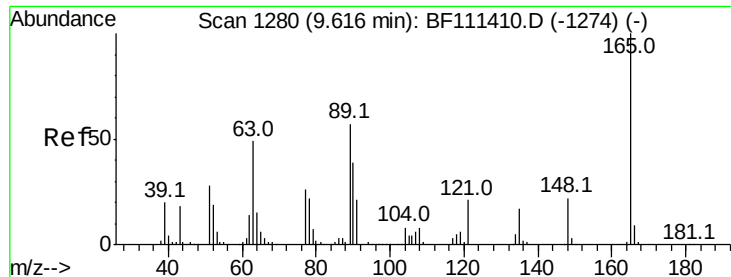


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

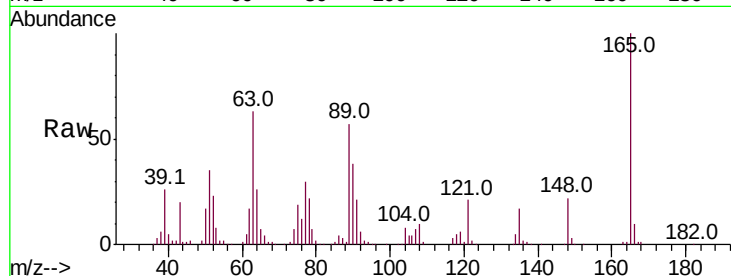




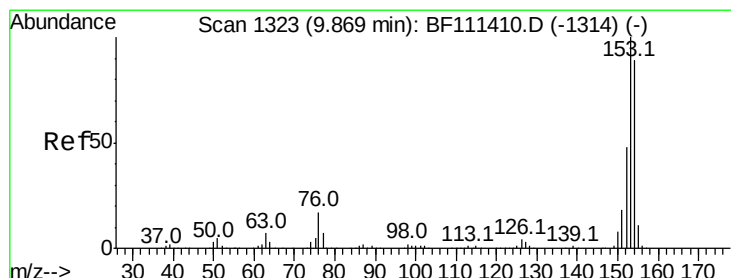
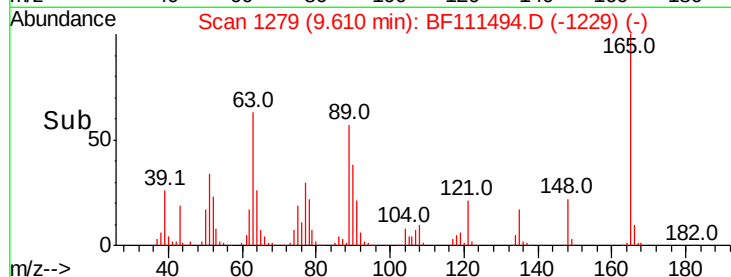
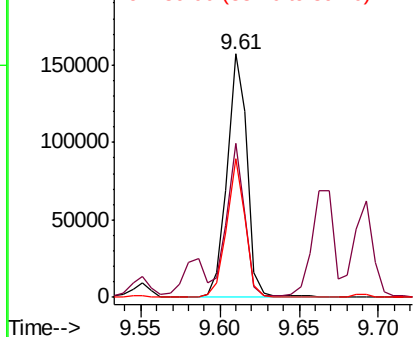
#51
2,6-Dinitrotoluene
Concen: 42.698 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:165 Resp: 137064
Ion Ratio Lower Upper
165 100
63 63.4 40.5 60.7#
89 56.7 40.0 60.0

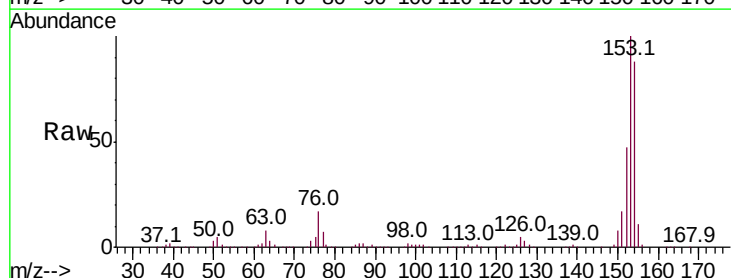


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

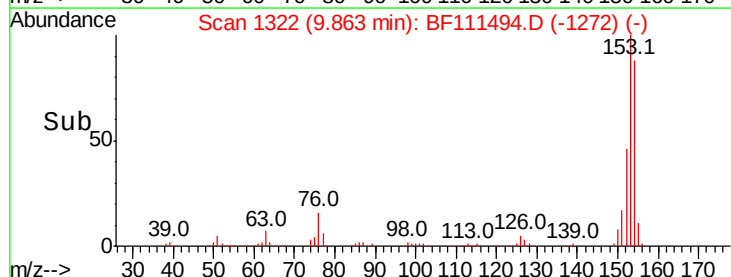
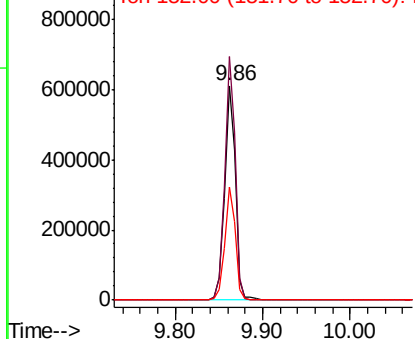


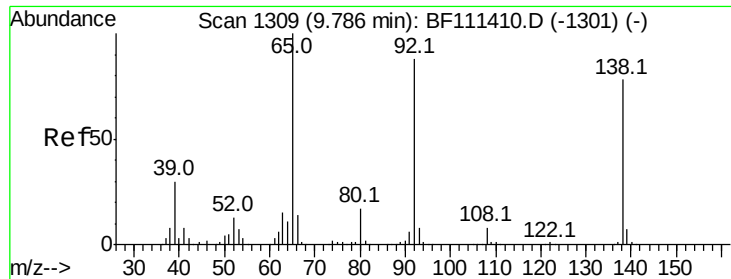
#52
Acenaphthene
Concen: 44.050 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:154 Resp: 527080
Ion Ratio Lower Upper
154 100
153 113.7 87.8 131.8
152 52.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

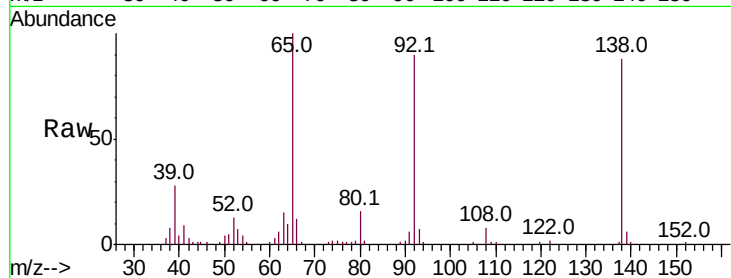




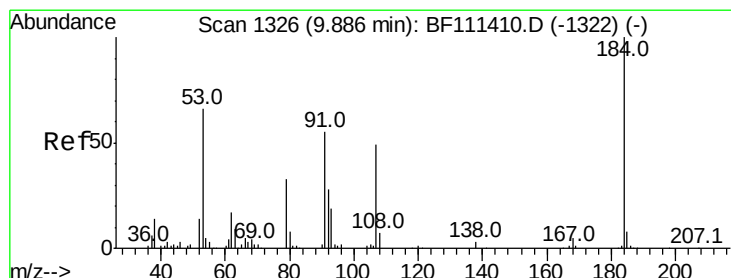
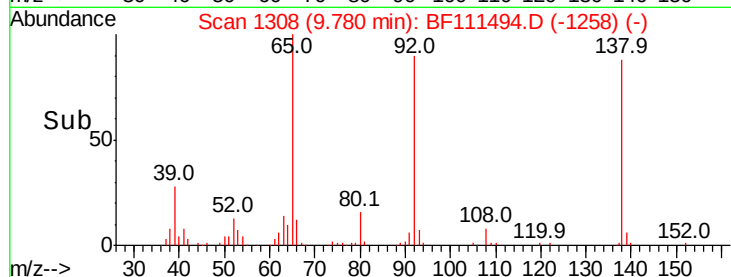
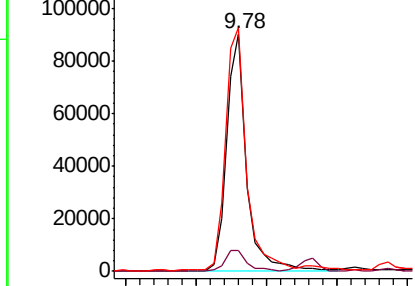
#53
3-Nitroaniline
Concen: 22.748 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:138 Resp: 88695
Ion Ratio Lower Upper
138 100
108 8.8 8.2 12.4
92 102.5 93.4 140.2

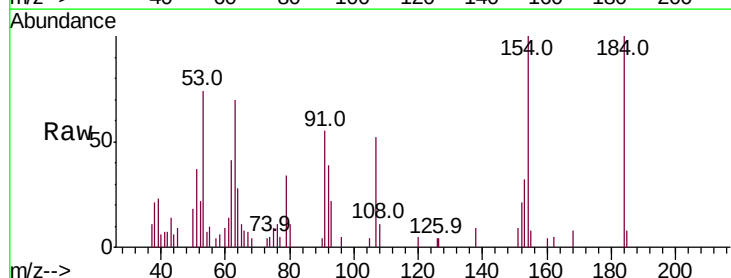


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

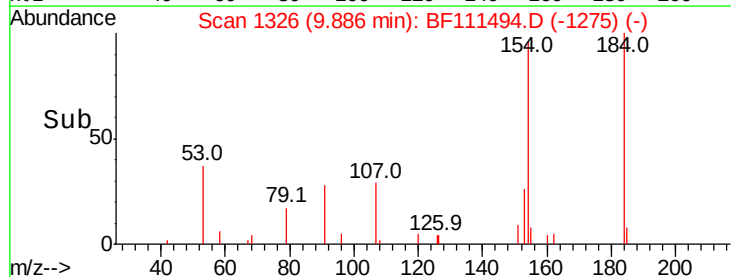
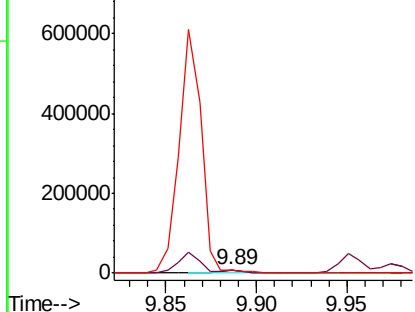


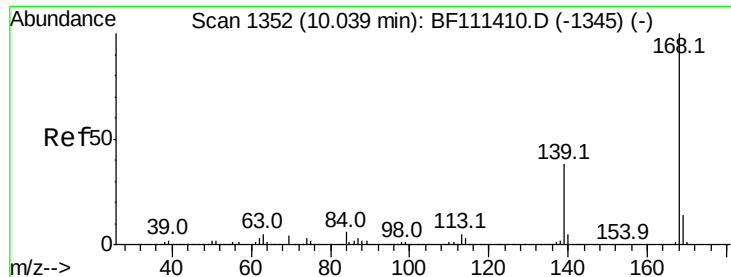
#54
2,4-Dinitrophenol
Concen: 7.622 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:184 Resp: 9309
Ion Ratio Lower Upper
184 100
63 70.2 62.3 93.5
154 99.9 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.979 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

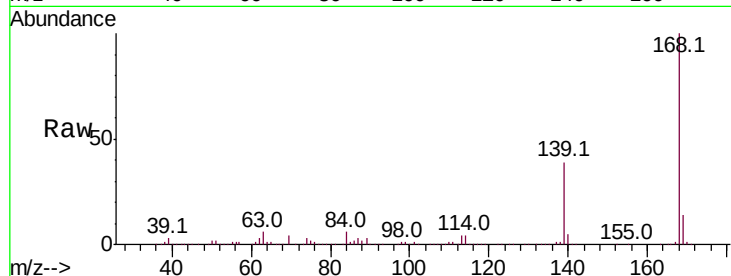
Tot Ion:168 Resp: 781213

Ion Ratio Lower Upper

168 100

139 38.8 32.6 49.0

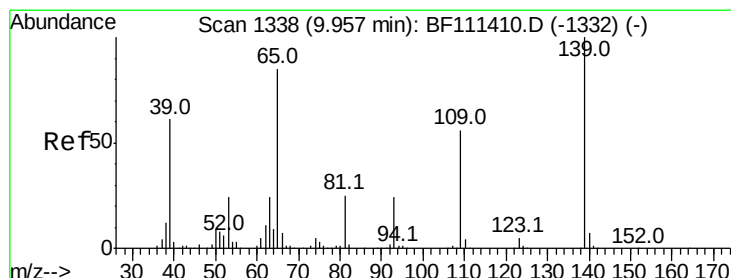
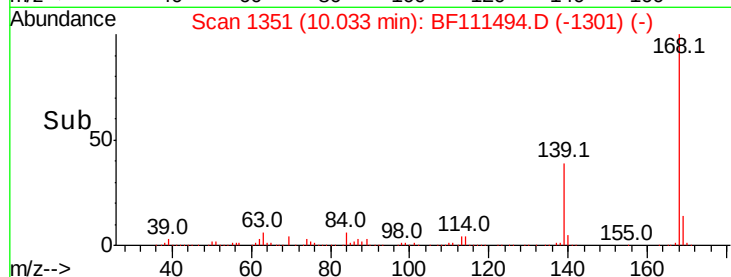
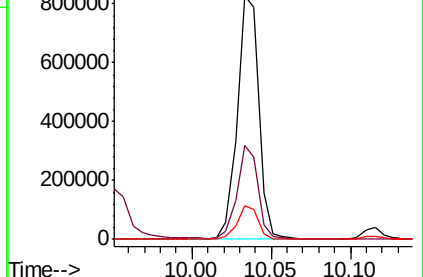
169 13.7 11.8 17.6



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: 67.082 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

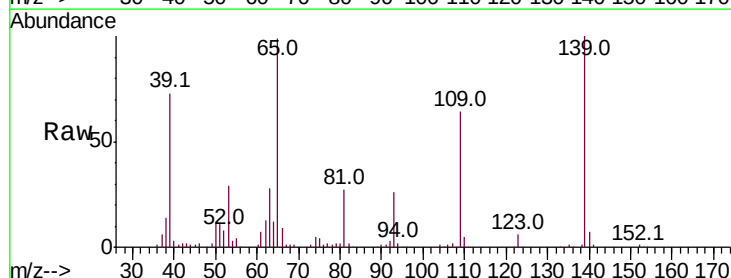
Tgt Ion:139 Resp: 181010

Ion Ratio Lower Upper

139 100

109 64.0 41.8 81.8

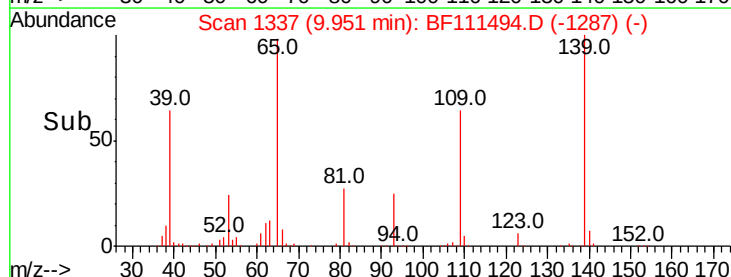
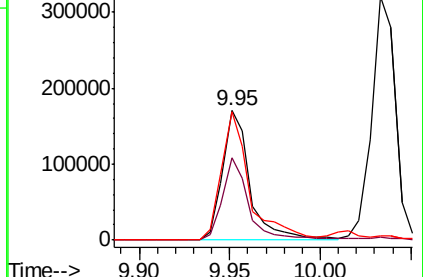
65 99.4 79.6 119.6

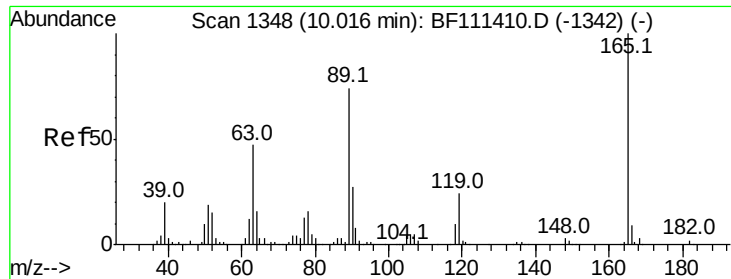


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

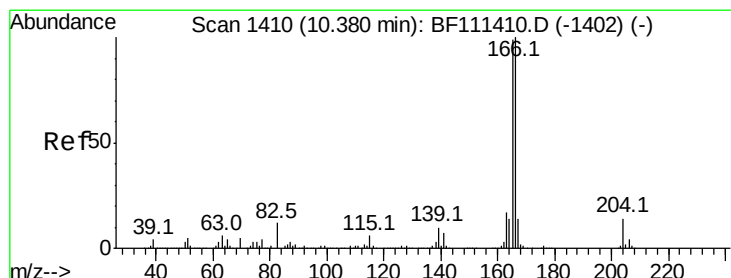
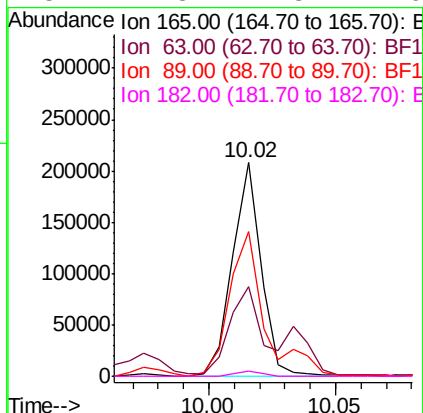
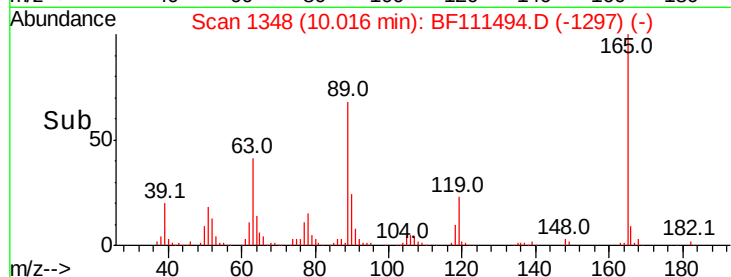
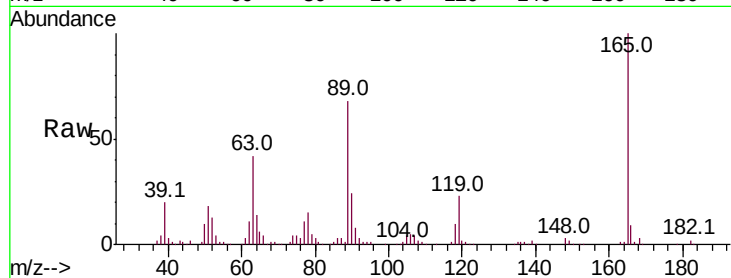




#57
2,4-Dinitrotoluene
Concen: 38.575 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

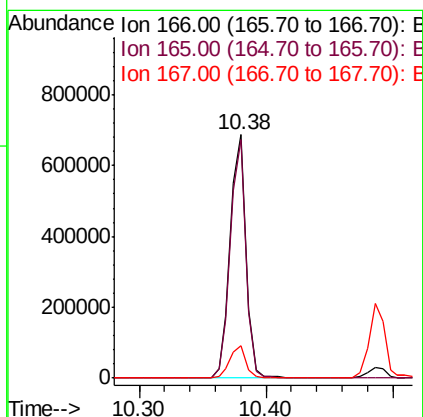
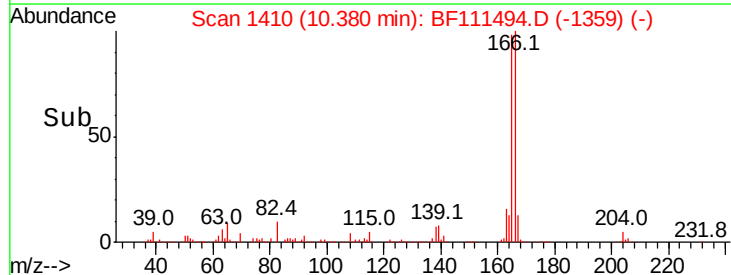
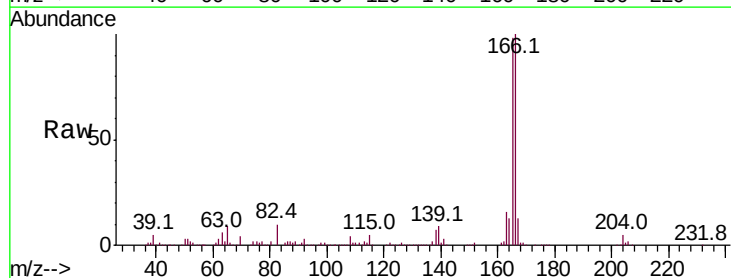
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

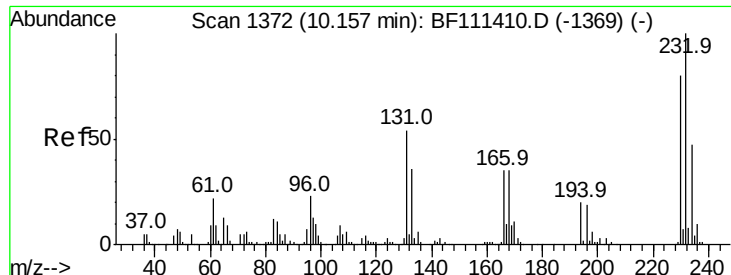
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	34.6	52.0
89	67.9	56.2	84.4
182	2.3	1.8	2.6



#58
Fluorene
Concen: 46.893 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.3	11.2	16.8

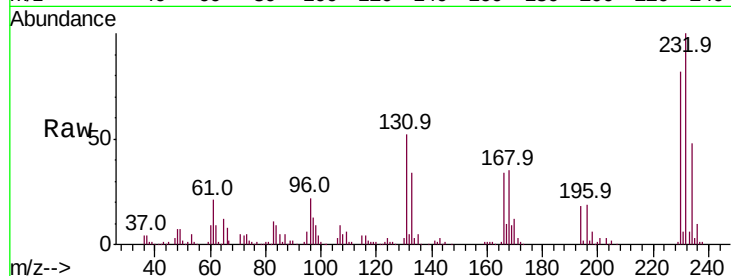




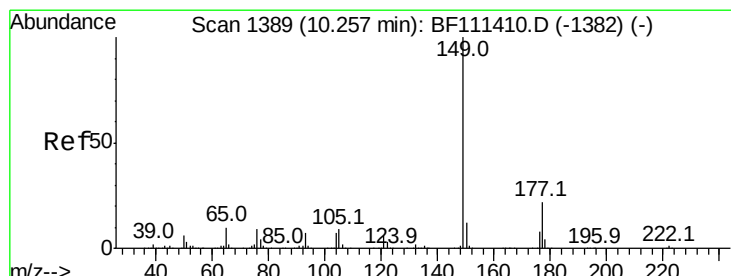
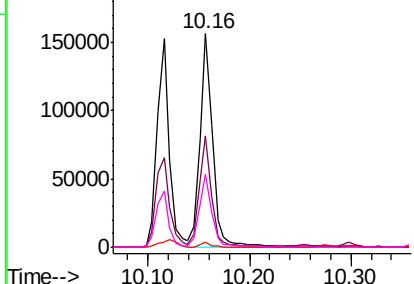
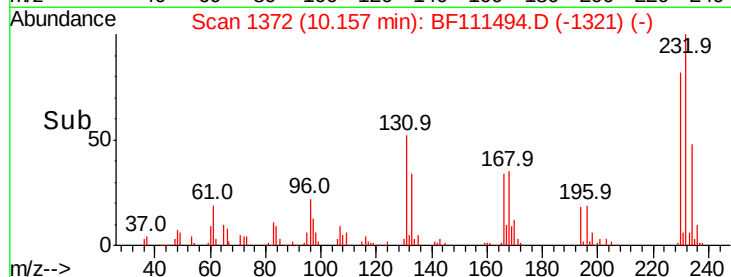
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.642 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:	232	Resp:	136266
Ion	Ratio	Lower	Upper
232	100		
131	50.4	40.9	61.3
130	2.3	2.0	3.0
166	34.3	26.8	40.2

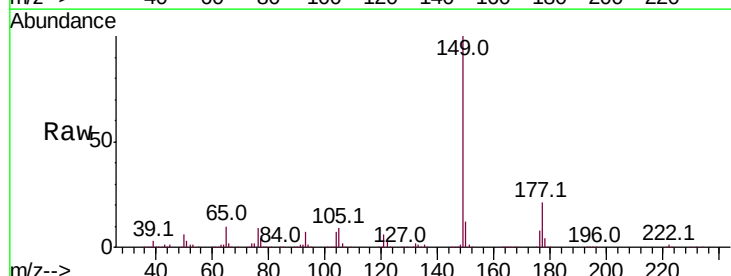


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

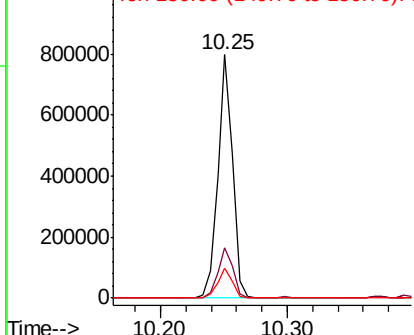
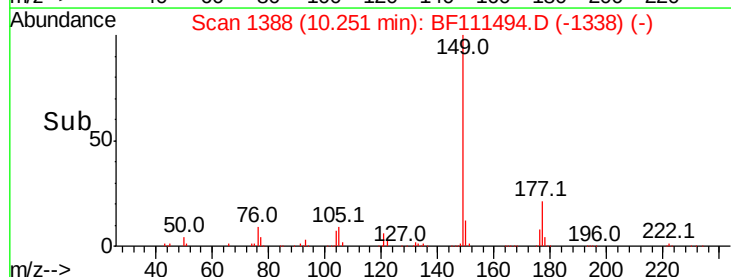


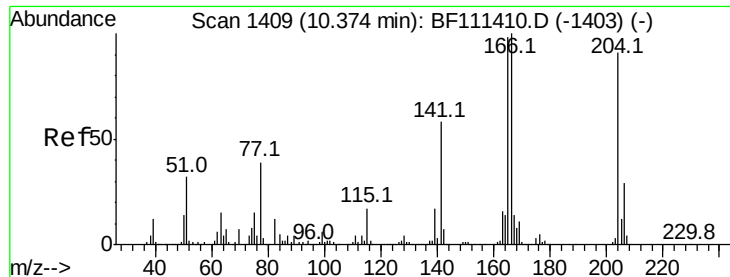
#60
Diethylphthalate
Concen: 45.386 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:	149	Resp:	655642
Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.3	27.5
150	12.2	10.6	15.8



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

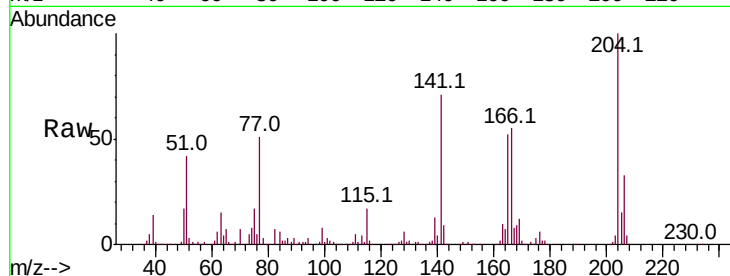




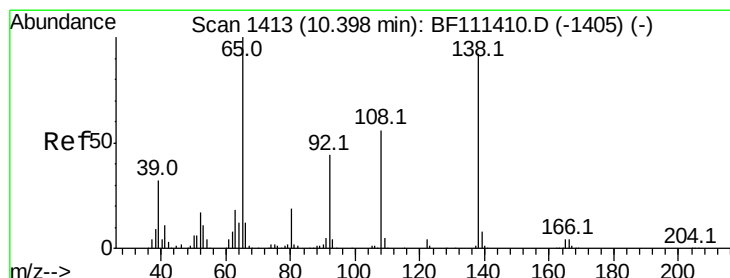
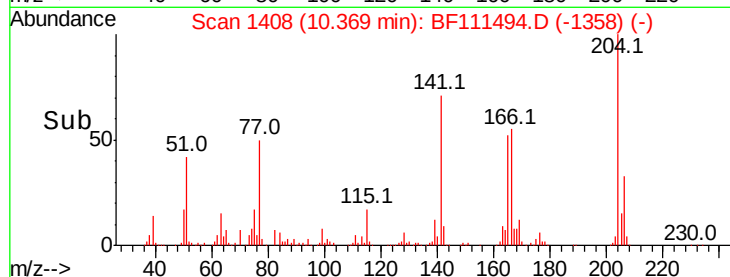
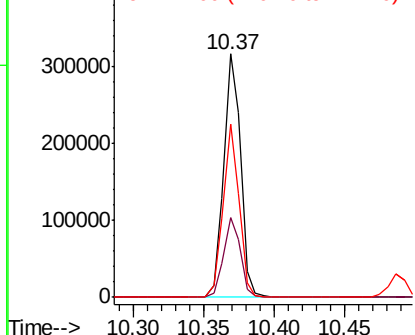
#61
4-Chlorophenyl-phenylether
Concen: 42.765 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:204 Resp: 263582
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 70.9 52.6 78.8

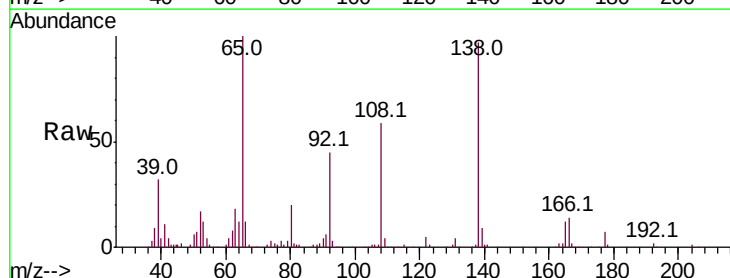


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

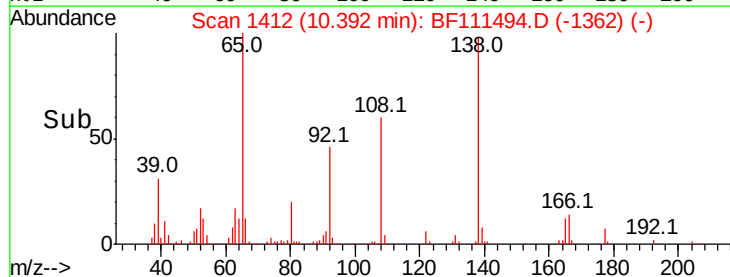
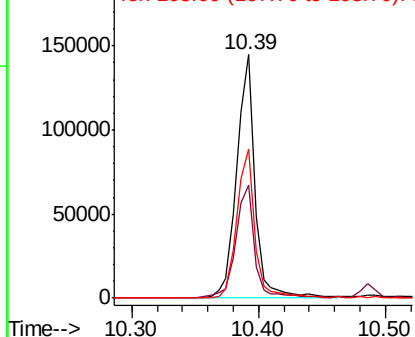


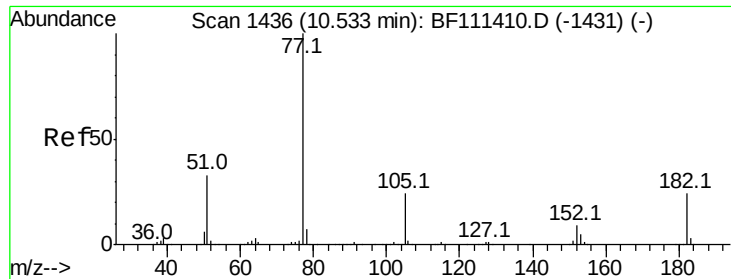
#62
4-Nitroaniline
Concen: 37.410 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:138 Resp: 144395
Ion Ratio Lower Upper
138 100
92 46.6 29.9 69.9
108 61.2 43.2 83.2



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

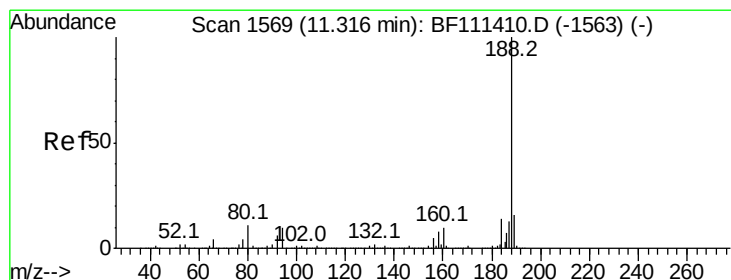
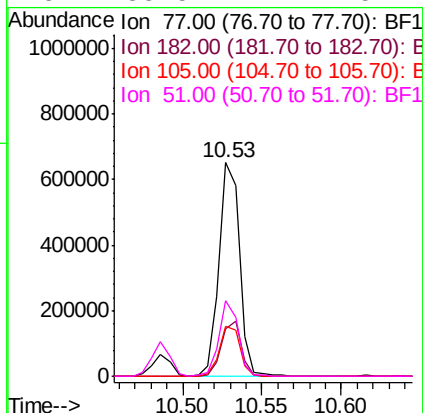
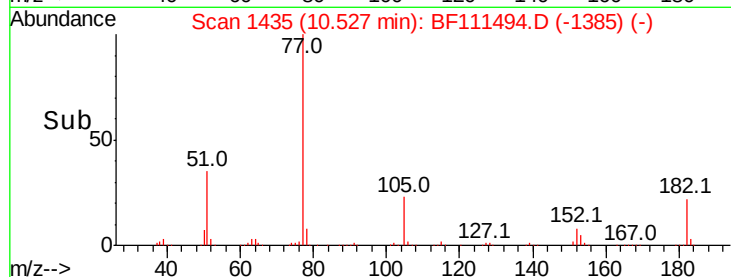
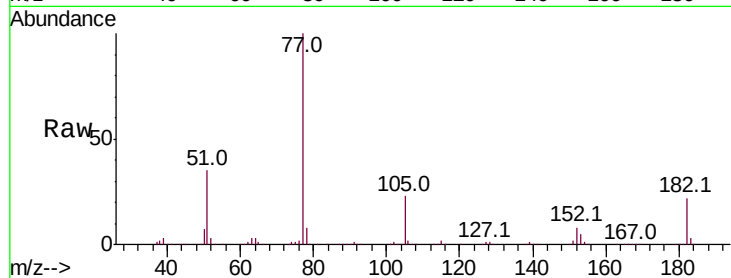




#63
Azobenzene
Concen: 41.009 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

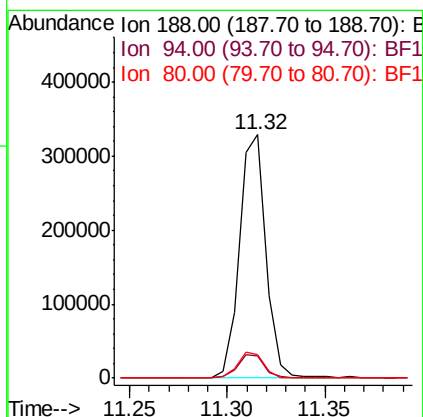
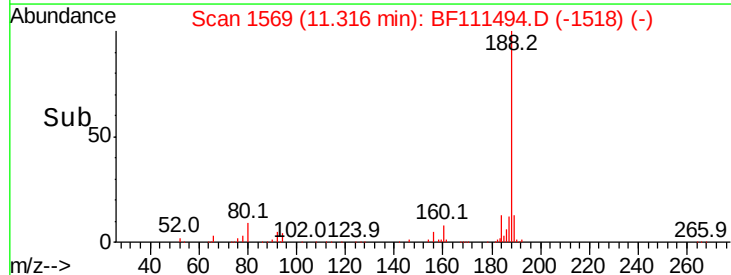
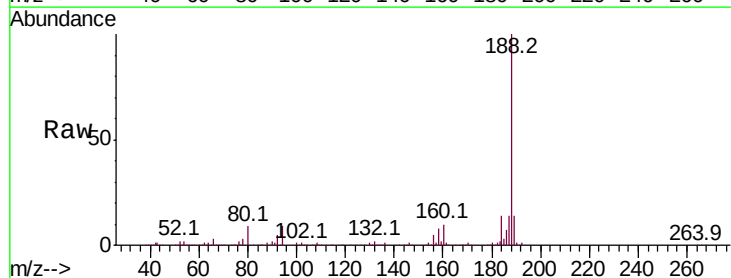
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

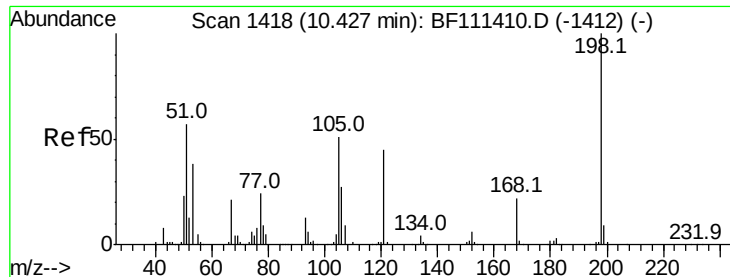
Tot Ion	Ratio	Lower	Upper
77	100		
182	21.9	4.9	44.9
105	23.1	6.0	46.0
51	35.5	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	9.5	9.8	14.6#

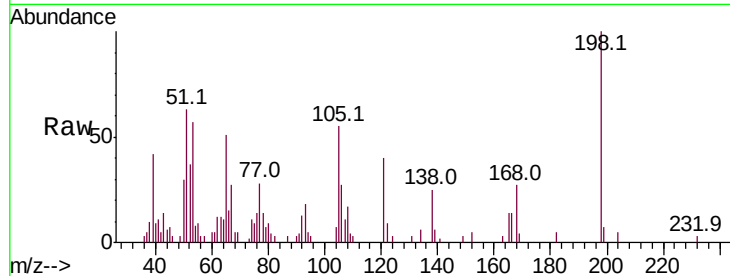




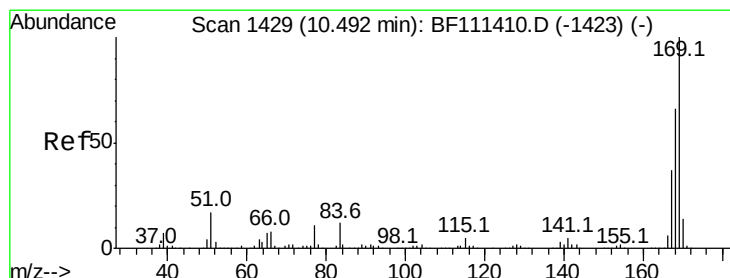
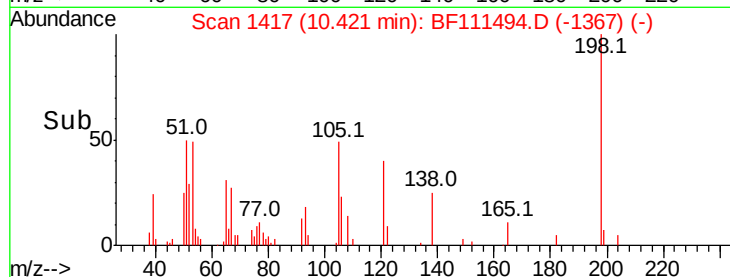
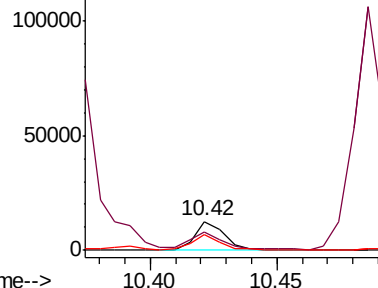
#65
4,6-Dinitro-2-methylphenol
Concen: 5.866 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion:198 Resp: 10208
Ion Ratio Lower Upper
198 100
51 63.3 48.0 88.0
105 54.7 34.0 74.0

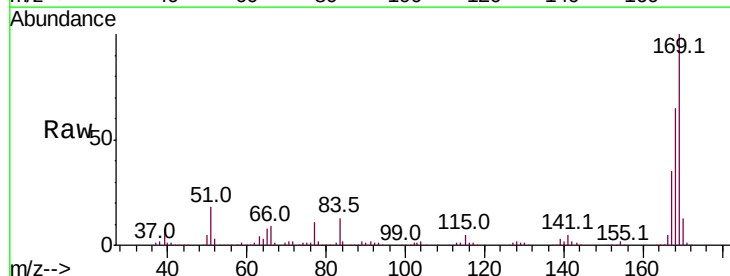


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

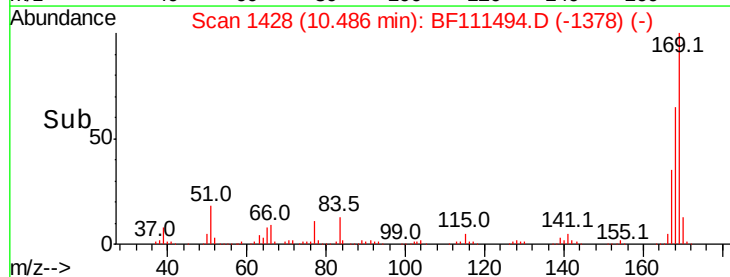
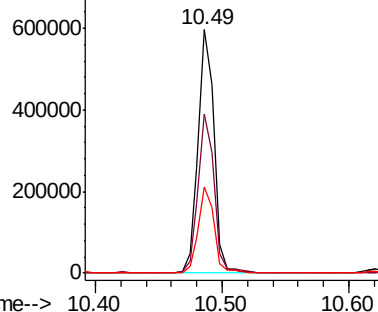


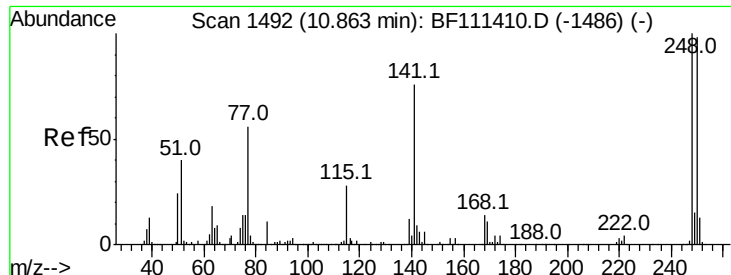
#66
n-Nitrosodiphenylamine
Concen: 48.942 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:169 Resp: 520206
Ion Ratio Lower Upper
169 100
168 65.3 54.4 81.6
167 35.5 30.5 45.7



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

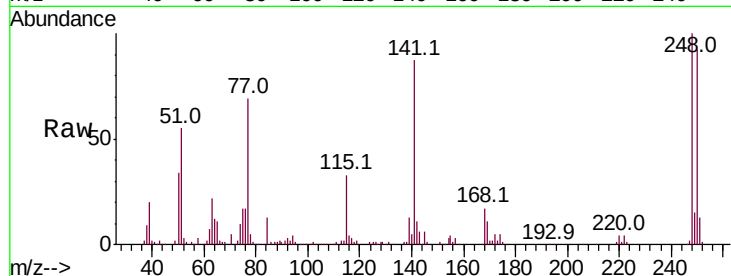




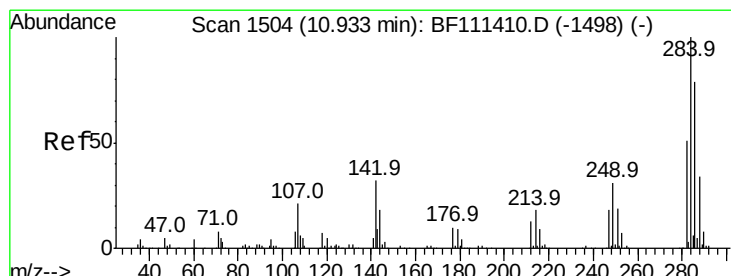
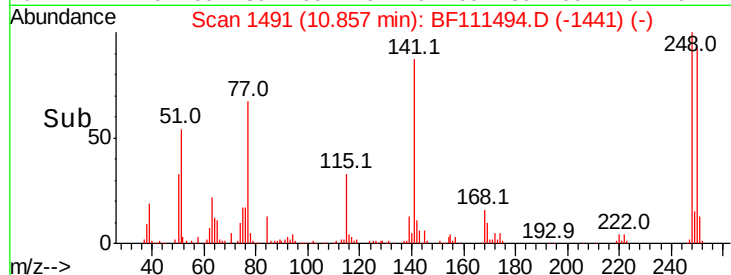
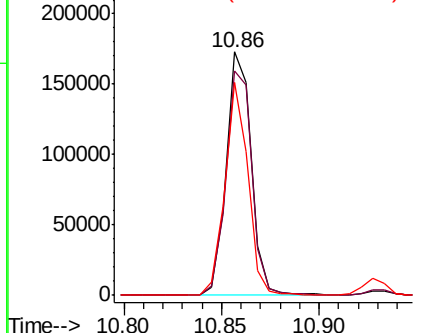
#67
 4-Bromophenyl-phenylether
 Concen: 46.212 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-AMS

Tot Ion:248 Resp: 153519
 Ion Ratio Lower Upper
 248 100
 250 92.2 77.0 115.4
 141 87.2 63.0 94.6

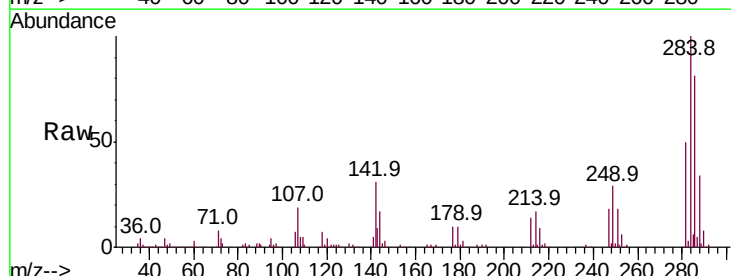


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

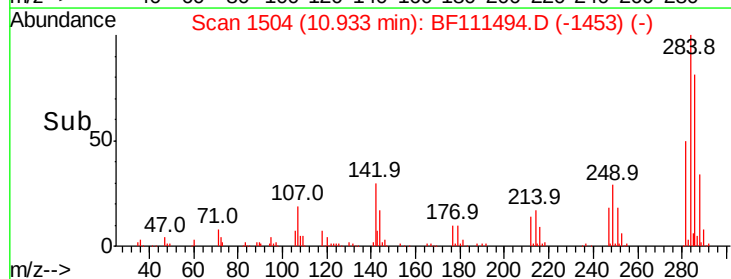
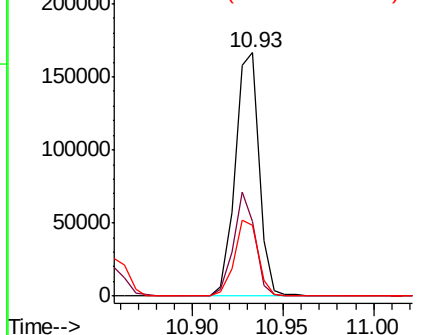


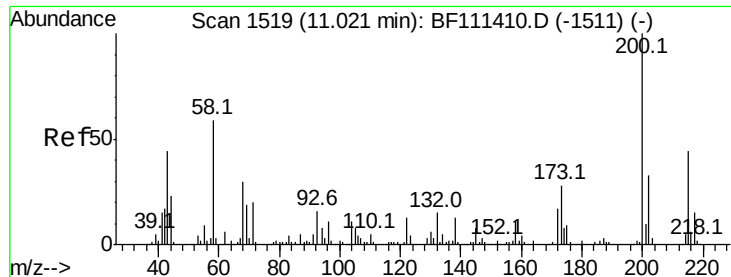
#68
 Hexachlorobenzene
 Concen: 44.703 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Tgt Ion:284 Resp: 152758
 Ion Ratio Lower Upper
 284 100
 142 30.9 27.4 41.2
 249 29.2 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: 49.682 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

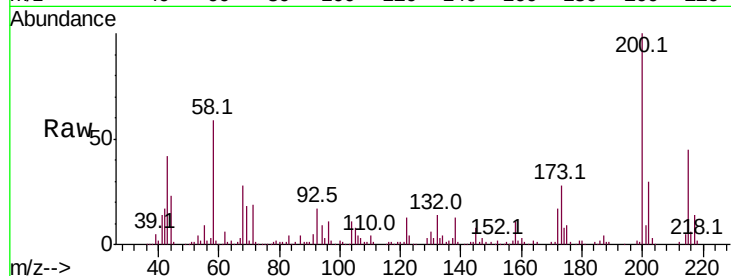
Tot Ion:200 Resp: 152612

Ion Ratio Lower Upper

200 100

173 27.8 10.1 50.1

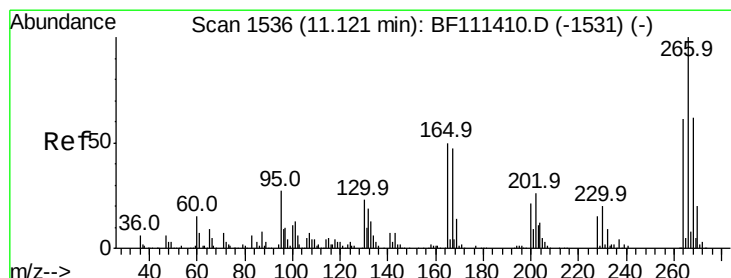
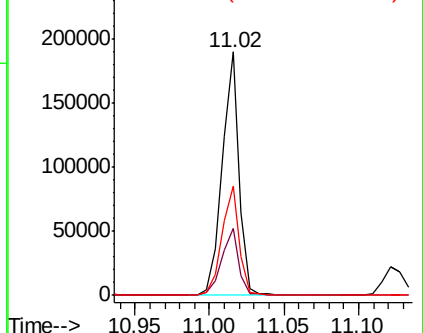
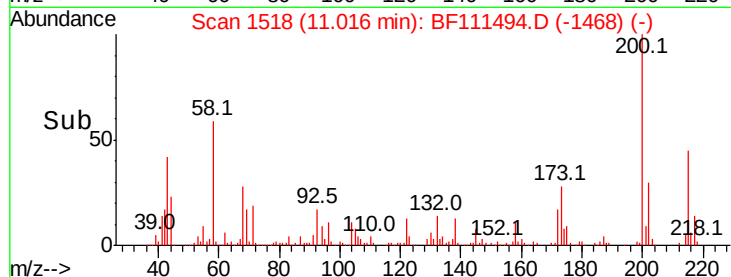
215 45.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.362 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

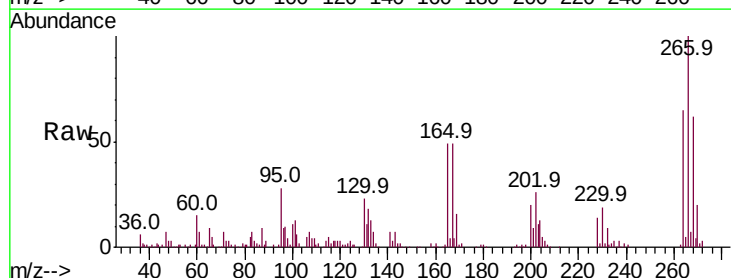
Tgt Ion:266 Resp: 120227

Ion Ratio Lower Upper

266 100

268 61.8 47.9 71.9

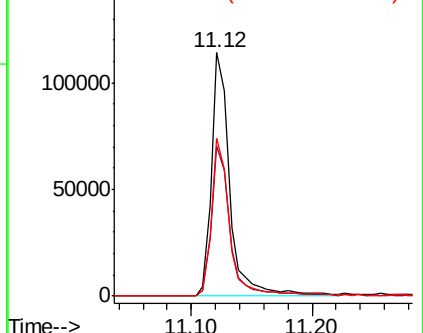
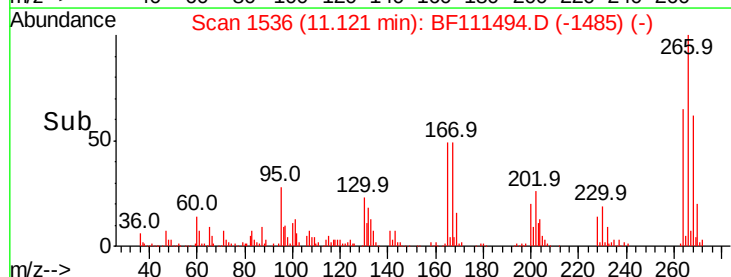
264 64.7 49.1 73.7

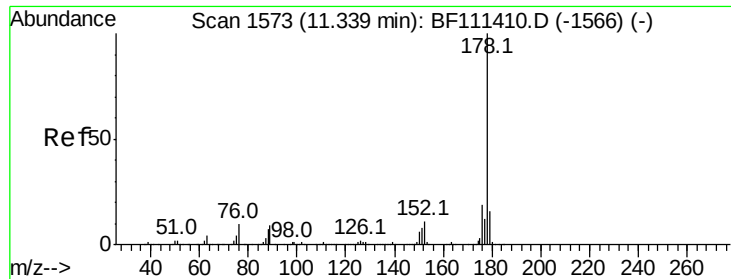


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

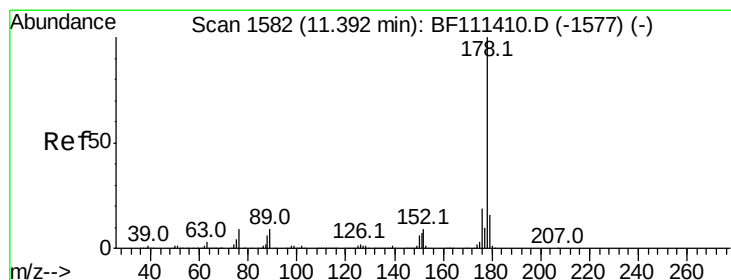
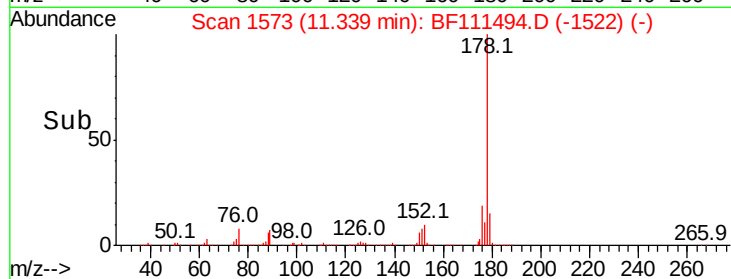
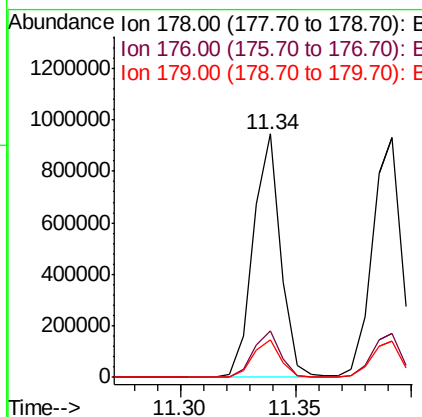
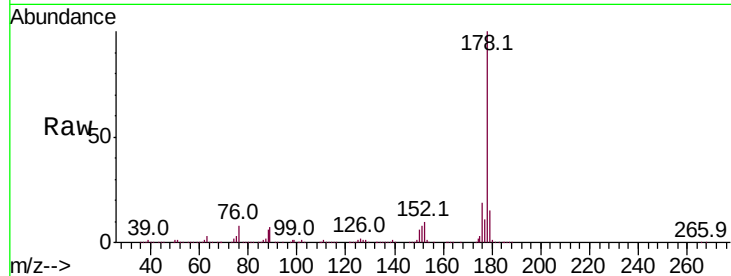




#71
Phenanthrene
Concen: 49.795 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

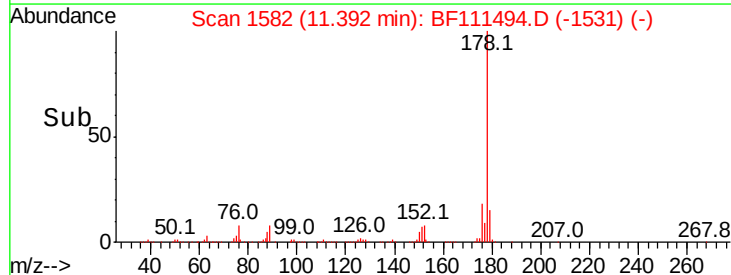
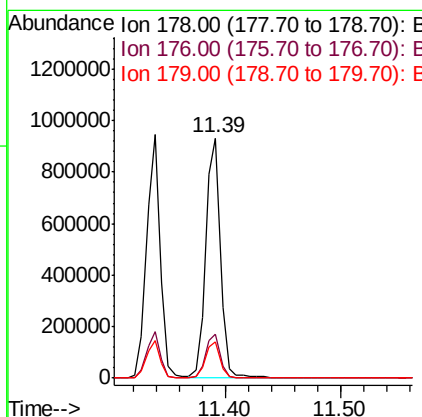
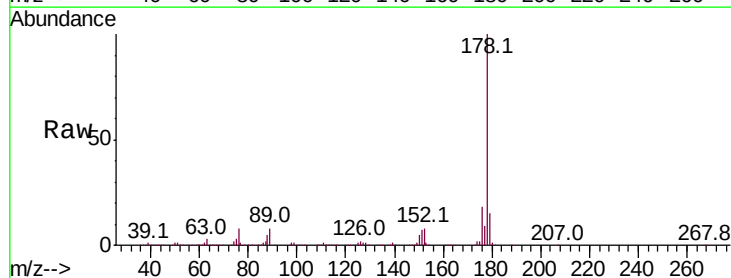
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

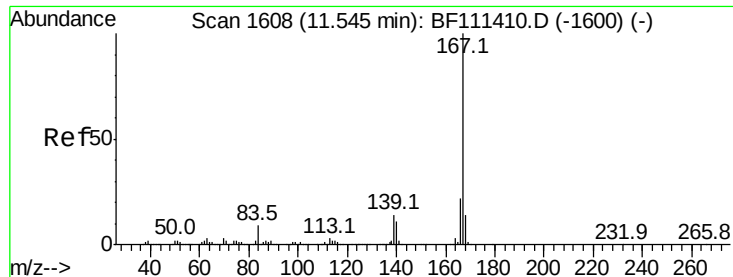
Tot Ion:178 Resp: 790851
Ion Ratio Lower Upper
178 100
176 18.8 18.1 27.1
179 15.3 14.0 21.0



#72
Anthracene
Concen: 51.107 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion:178 Resp: 830099
Ion Ratio Lower Upper
178 100
176 18.3 17.2 25.8
179 15.4 13.8 20.8

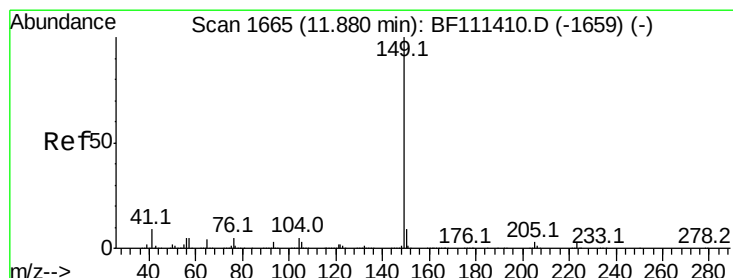
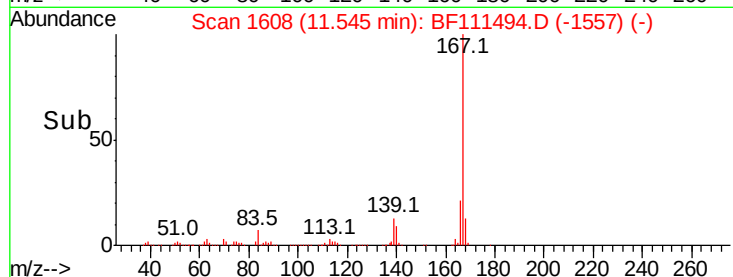
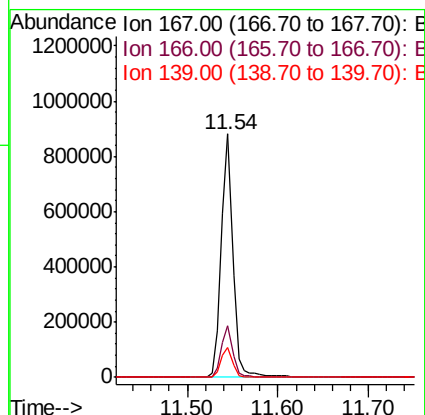
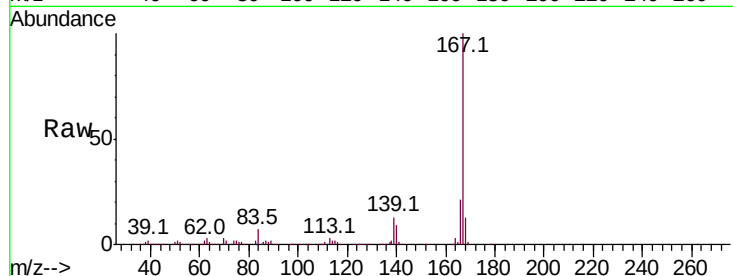




#73
 Carbazole
 Concen: 46.450 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

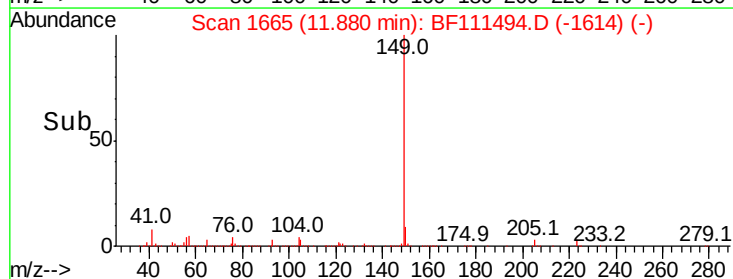
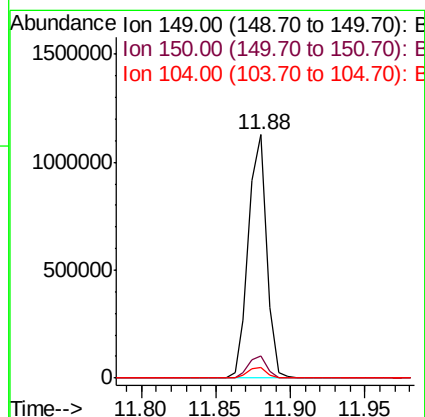
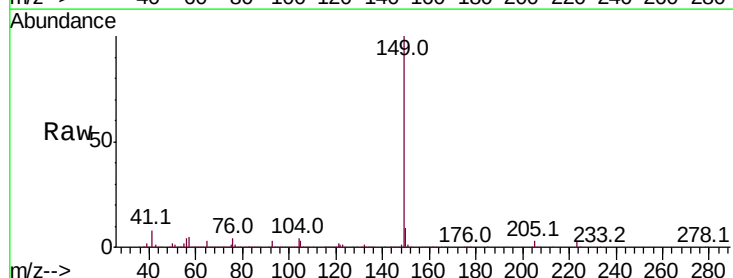
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-AMS

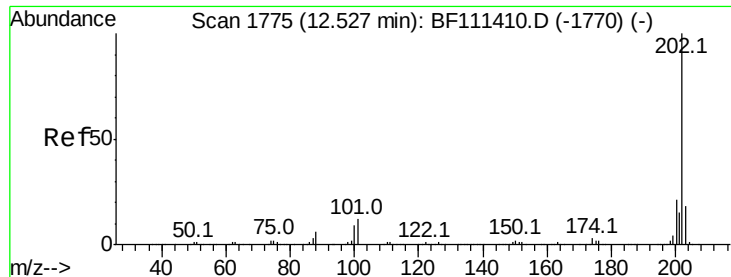
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.3	28.9
139	12.5	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 51.189 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111494.D
 Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.8	13.2
104	4.4	4.5	6.7





#75

Fluoranthene

Concen: 54.646 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

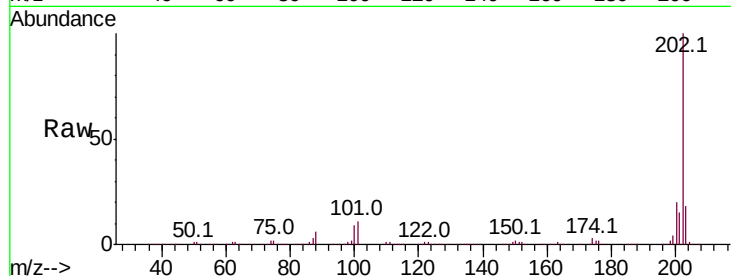
Tot Ion:202 Resp: 849061

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.8

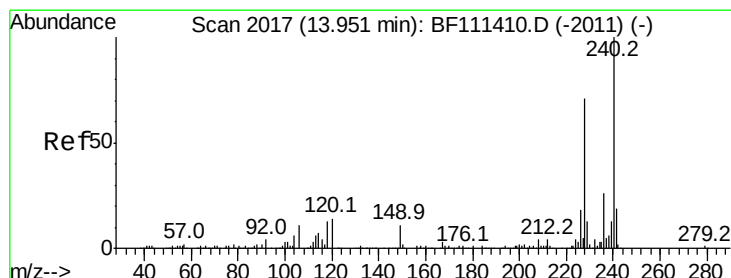
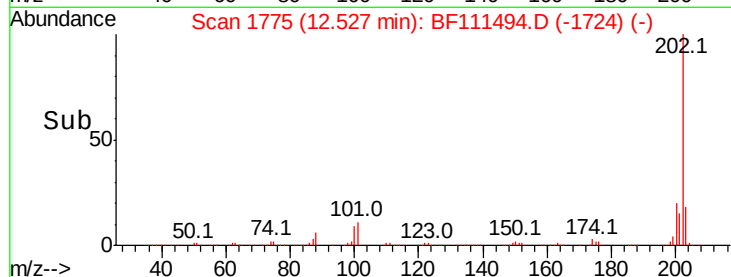
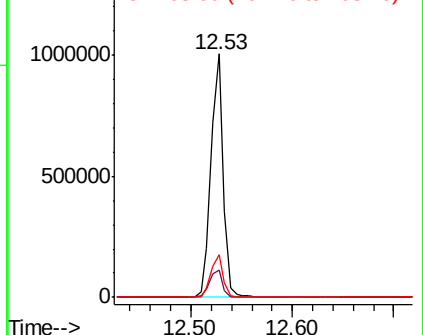
203 17.7 0.0 38.6



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: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

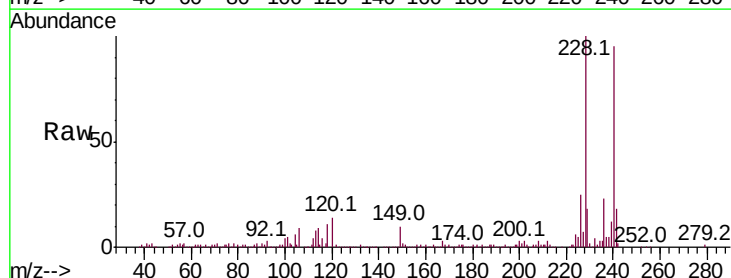
Tgt Ion:240 Resp: 272006

Ion Ratio Lower Upper

240 100

120 14.3 12.2 18.2

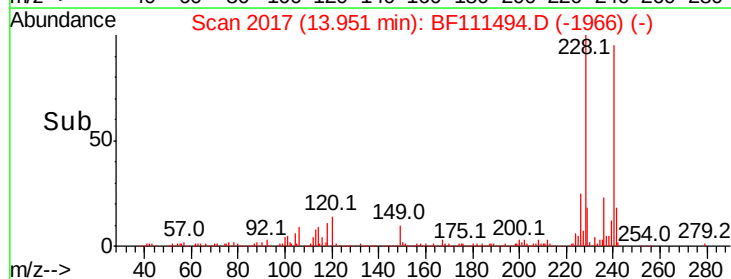
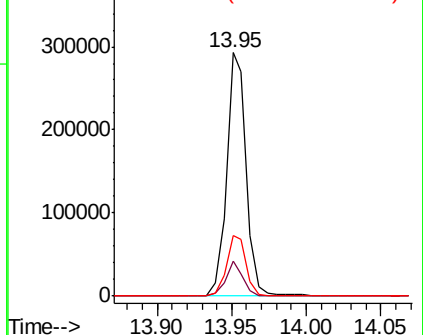
236 24.7 20.2 30.2

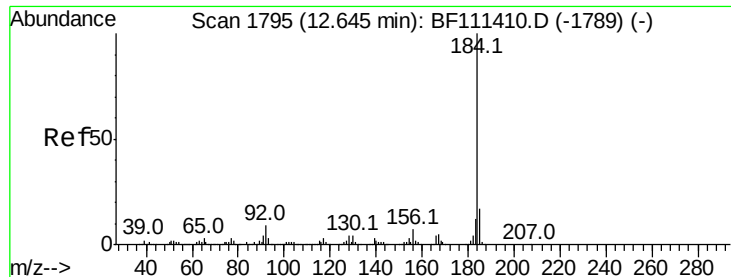


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.841 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

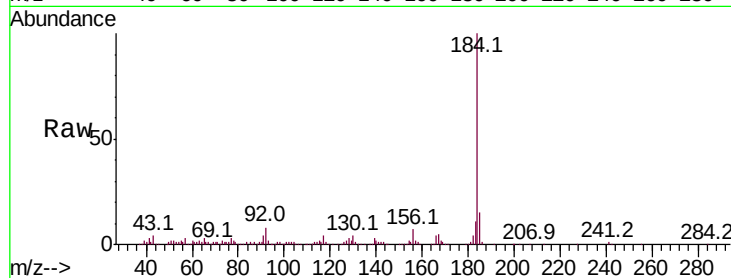
Tot Ion:184 Resp: 348374

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

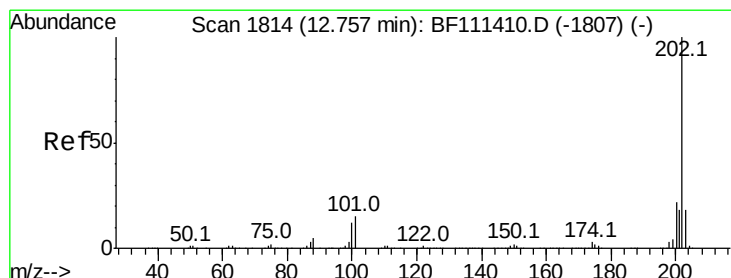
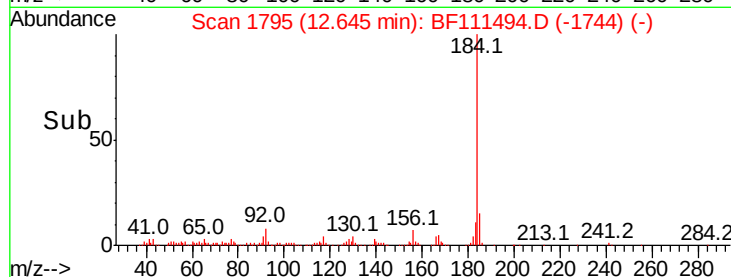
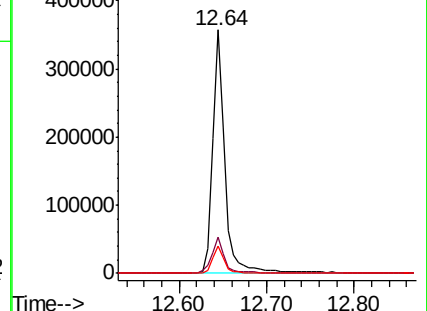
183 11.0 9.3 13.9



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: 45.551 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

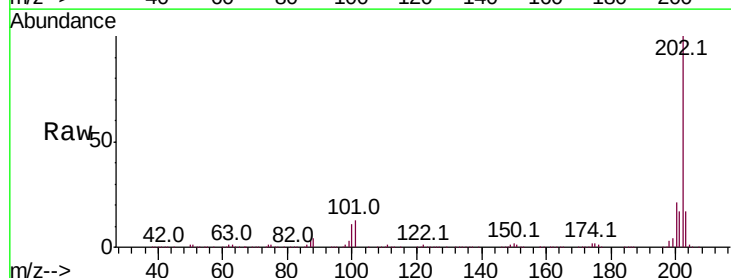
Tgt Ion:202 Resp: 873547

Ion Ratio Lower Upper

202 100

200 20.8 19.0 28.4

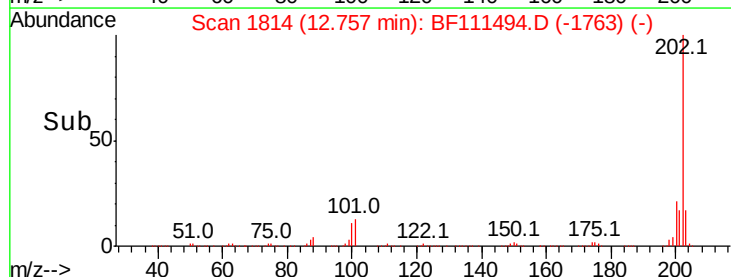
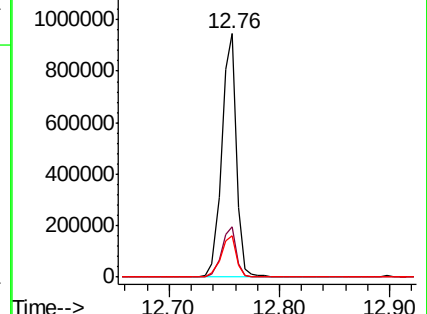
203 17.1 15.2 22.8

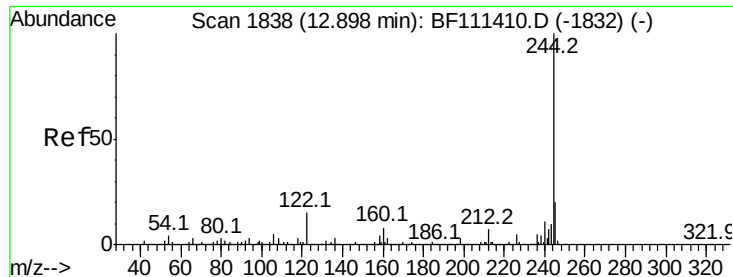


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.931 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

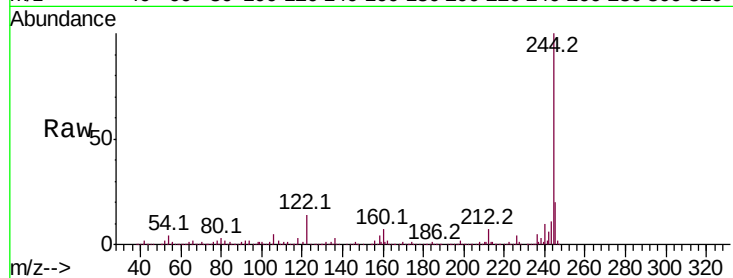
Tot Ion:244 Resp: 1250215

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

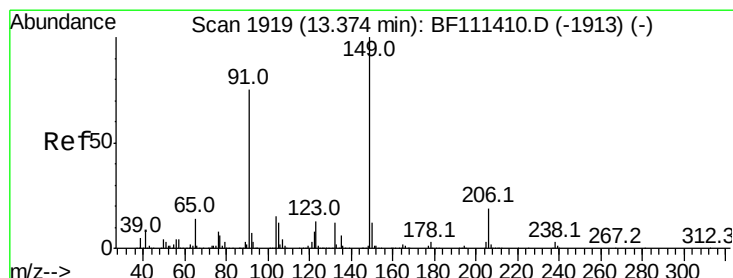
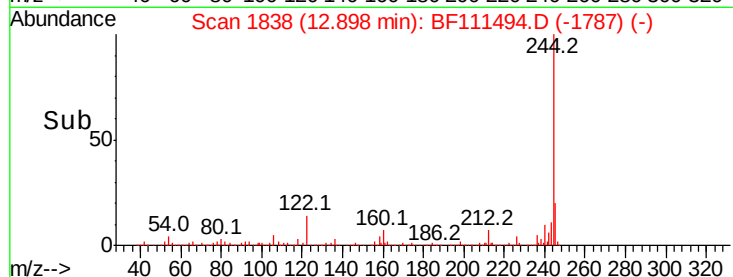
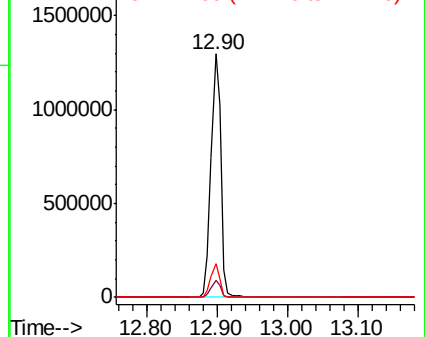
122 13.6 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.001 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

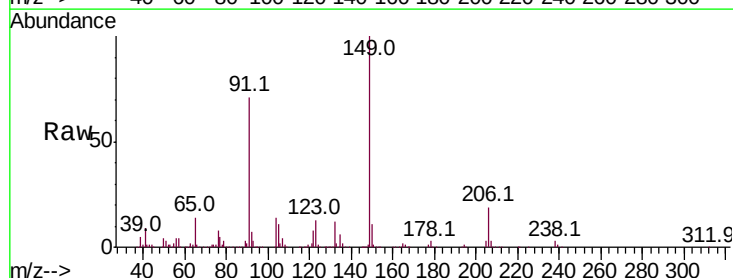
Tgt Ion:149 Resp: 430004

Ion Ratio Lower Upper

149 100

91 71.0 63.8 95.6

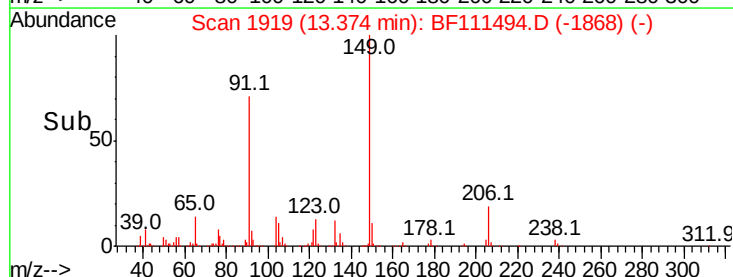
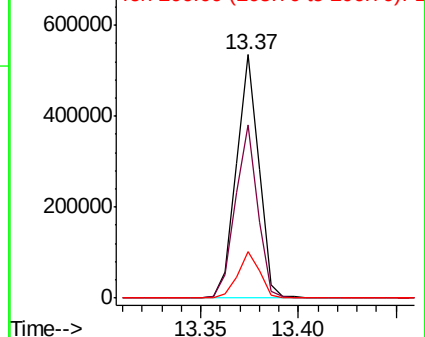
206 19.2 15.1 22.7

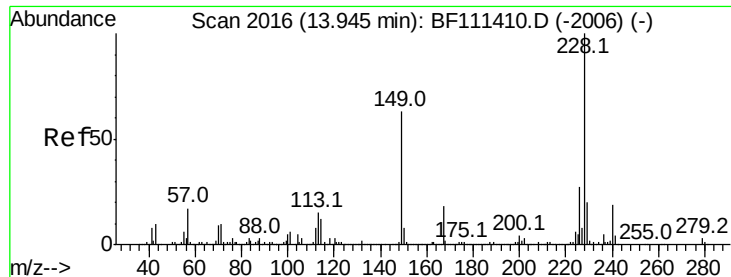


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.402 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

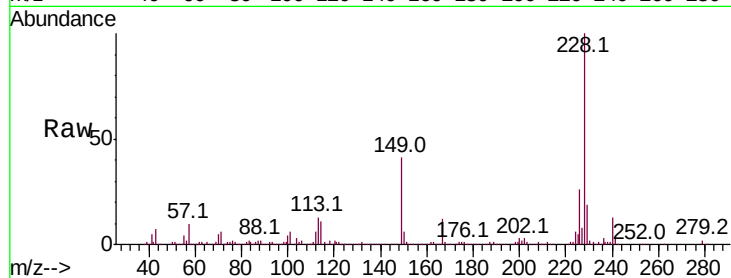
Tot Ion:228 Resp: 730652

Ion Ratio Lower Upper

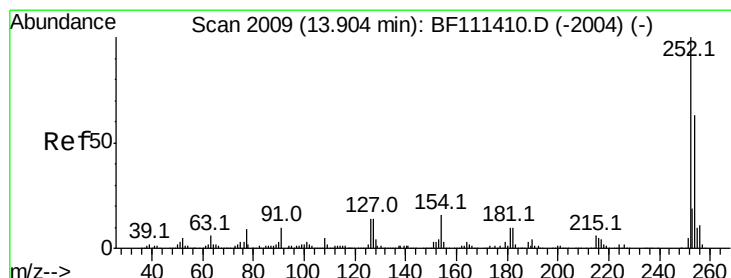
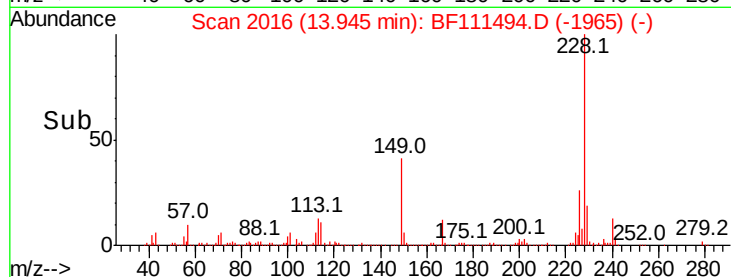
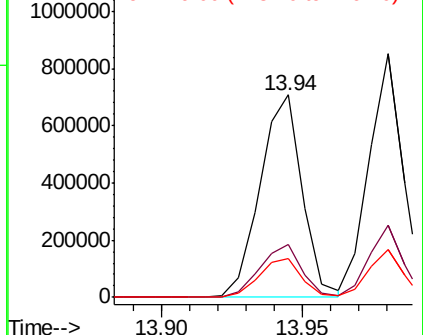
228 100

226 26.0 22.6 34.0

229 19.1 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 24.400 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

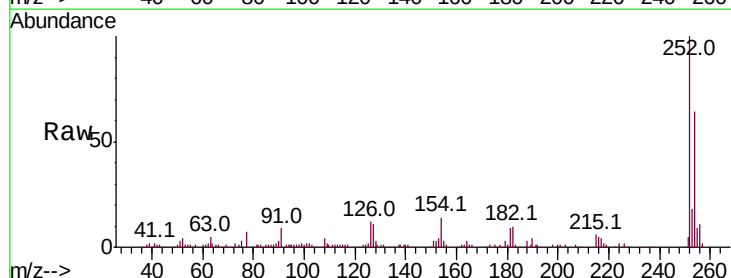
Tgt Ion:252 Resp: 146705

Ion Ratio Lower Upper

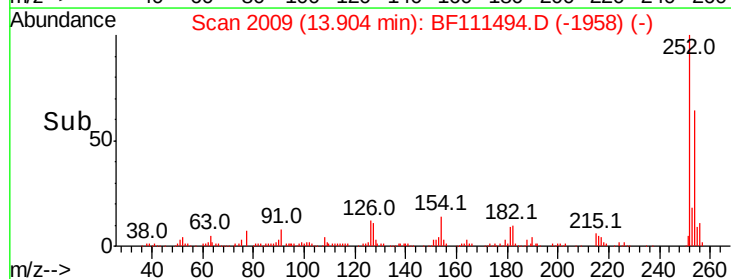
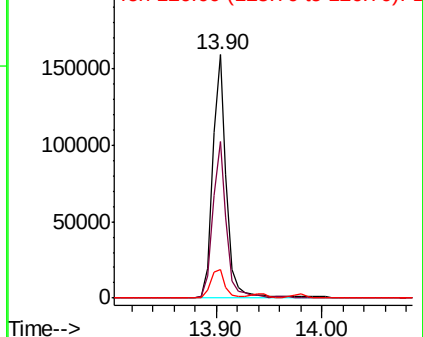
252 100

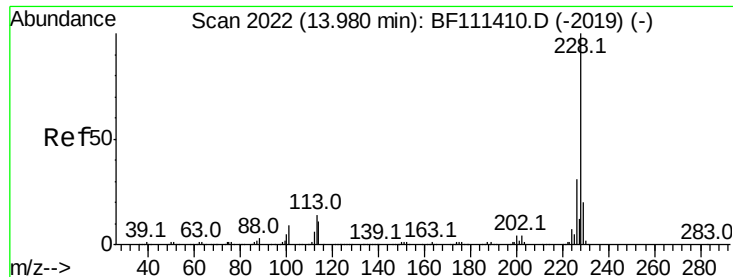
254 64.3 52.7 79.1

126 11.5 11.1 16.7



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





#83

Chrysene

Concen: 45.813 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

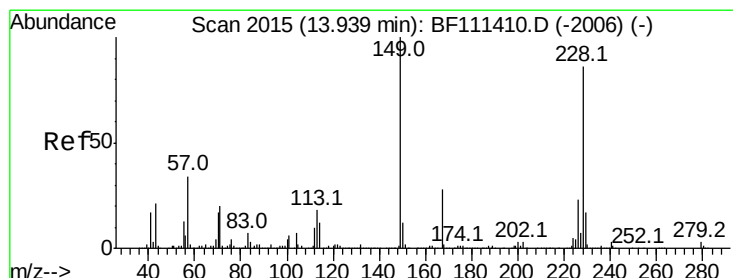
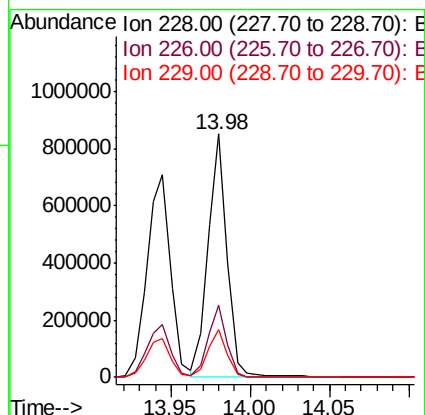
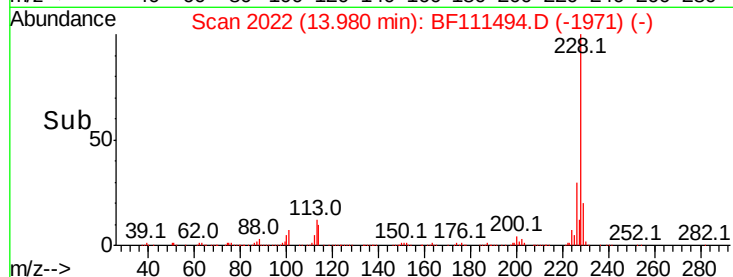
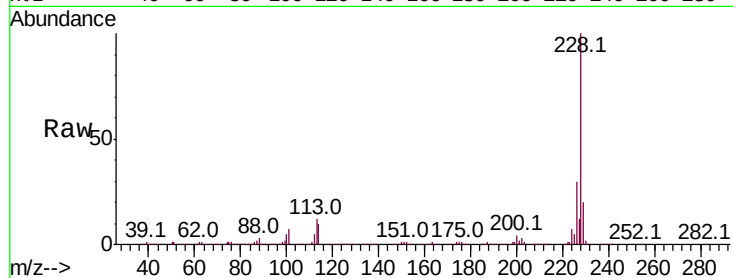
BNA_F

ClientSampleId :

SU-04-121218-AMS

Tot Ion:228 Resp: 713796

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	19.9	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.895 ng

RT: 13.94 min Scan# 1015

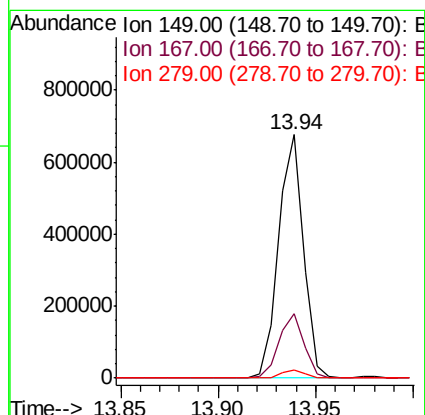
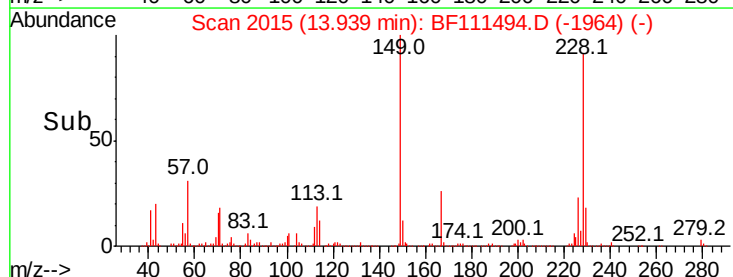
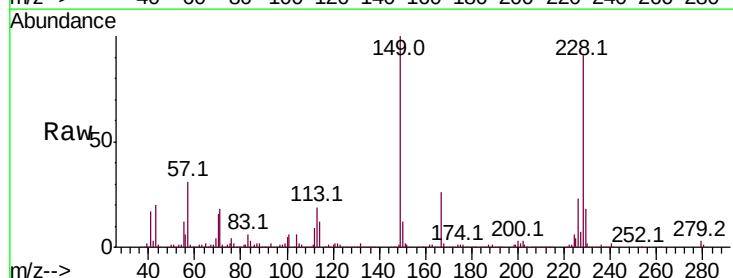
Delta R.T. -0.00 min

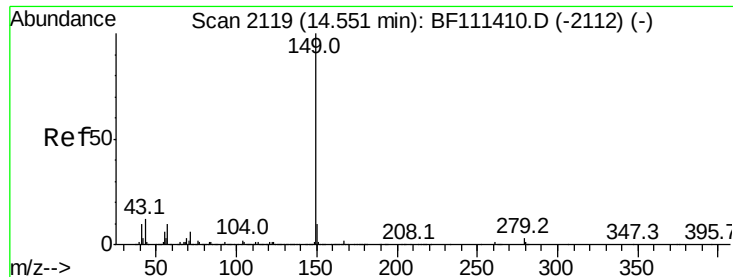
Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Tgt Ion:149 Resp: 595713

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.5	33.7
279	3.4	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 53.183 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

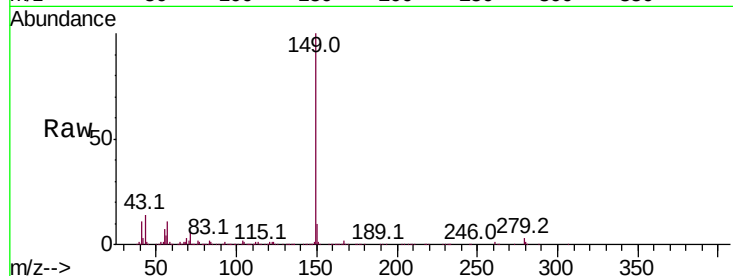
Tot Ion:149 Resp: 1071033

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

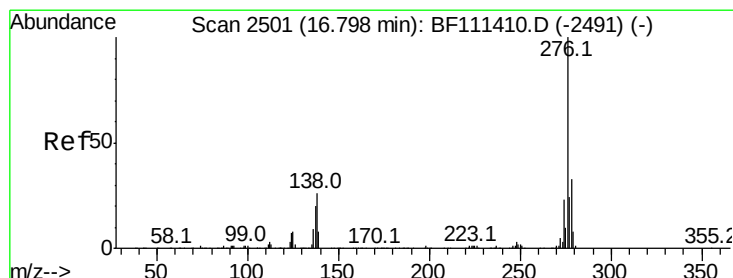
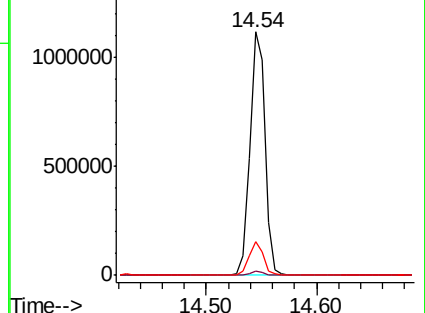
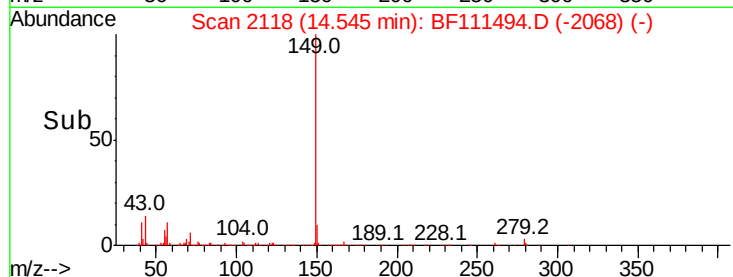
43 12.7 10.9 16.3



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: 41.750 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

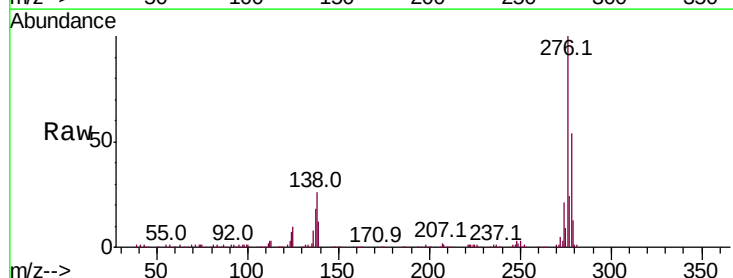
Tgt Ion:276 Resp: 469474

Ion Ratio Lower Upper

276 100

138 29.4 27.8 41.6

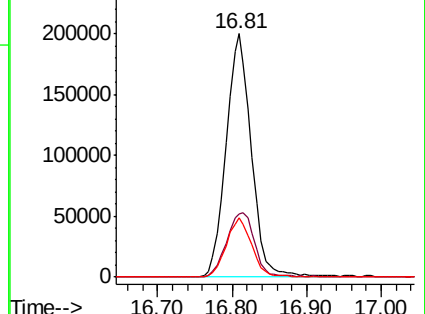
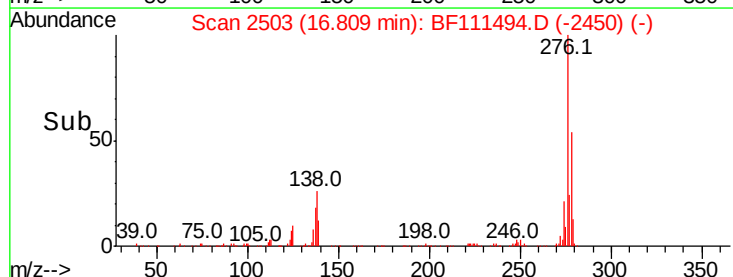
277 24.5 20.1 30.1

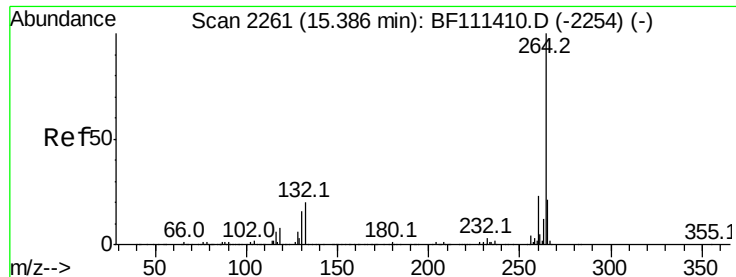


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

Instrument :

BNA_F

ClientSampleId :

SU-04-121218-AMS

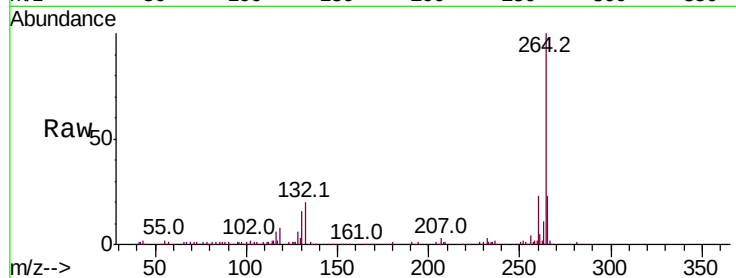
Tot Ion:264 Resp: 186591

Ion Ratio Lower Upper

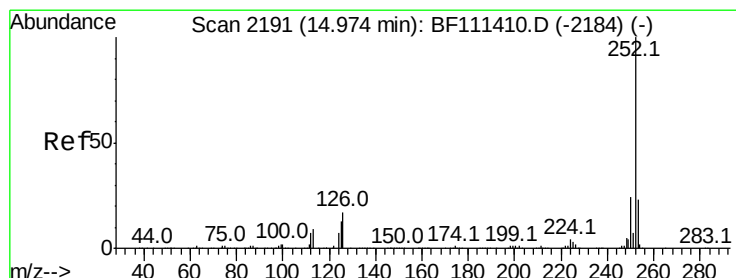
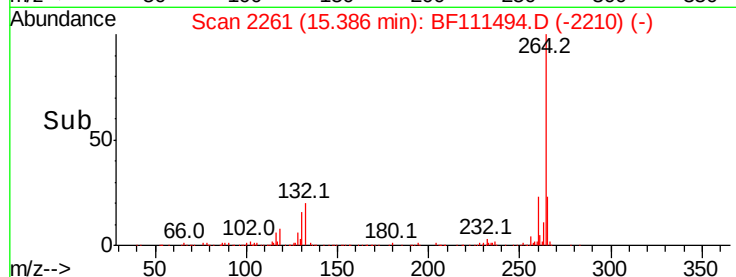
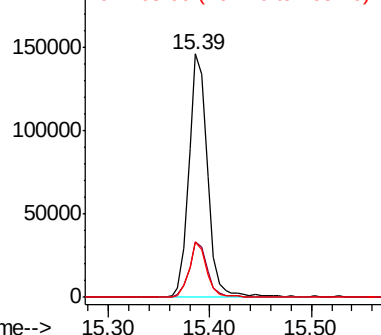
264 100

260 22.7 18.3 27.5

265 22.9 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: 52.235 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111494.D

Acq: 16 Dec 2018 4:38

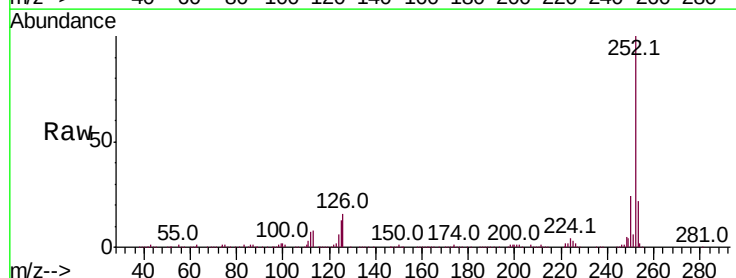
Tgt Ion:252 Resp: 568238

Ion Ratio Lower Upper

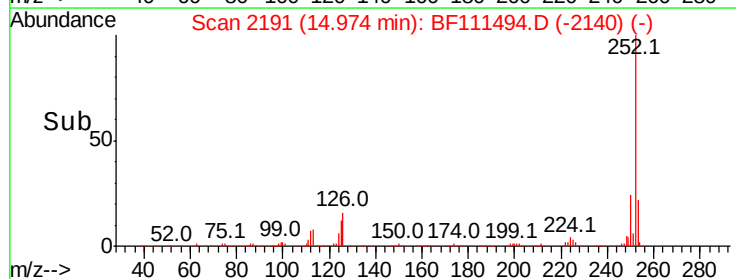
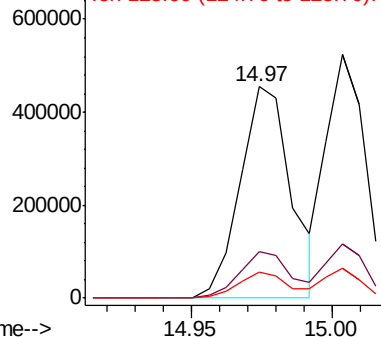
252 100

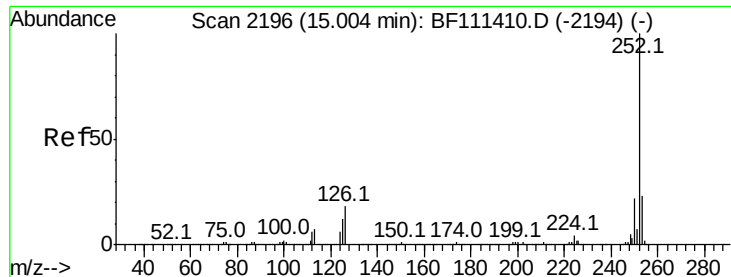
253 22.3 18.2 27.2

125 12.6 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

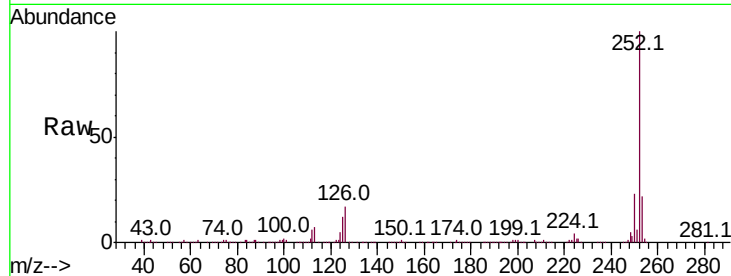




#89
Benzo(k)fluoranthene
Concen: 50.274 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.1	9.8	14.8

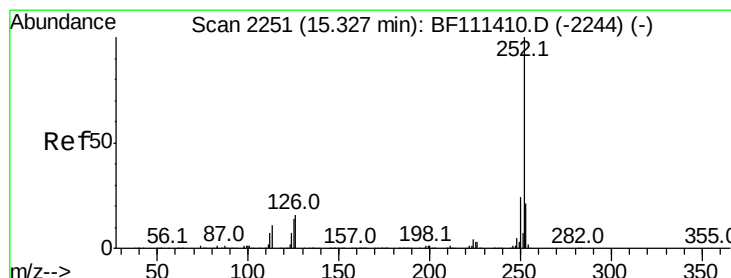
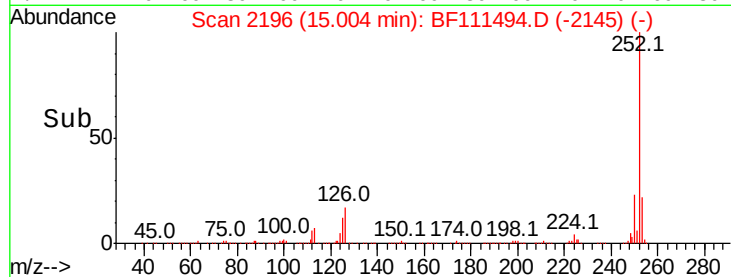
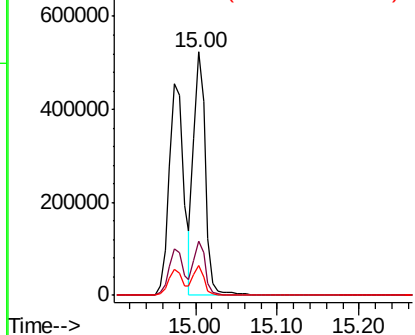


Abundance

Ion 252.00 (251.70 to 252.70): E

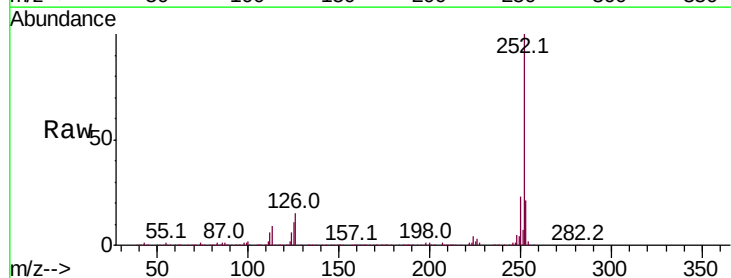
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 50.398 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	11.3	12.3	18.5

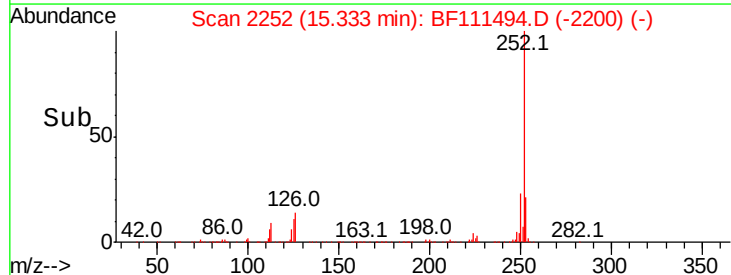
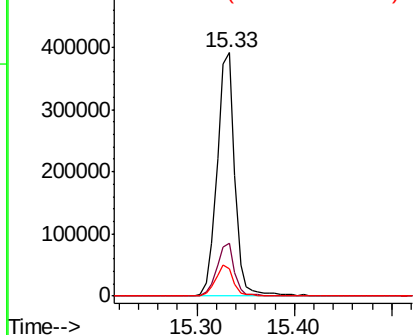


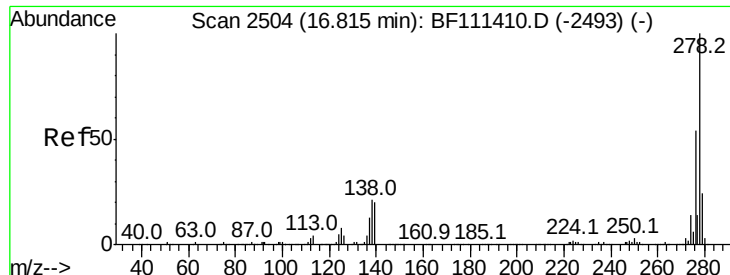
Abundance

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

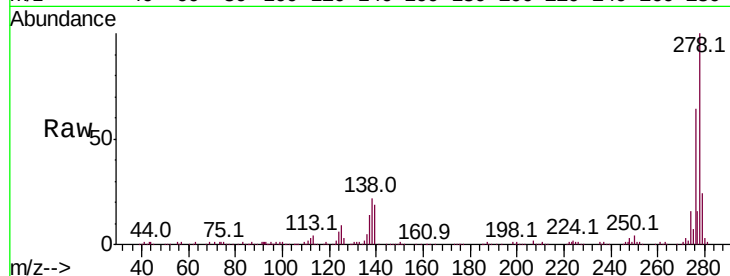




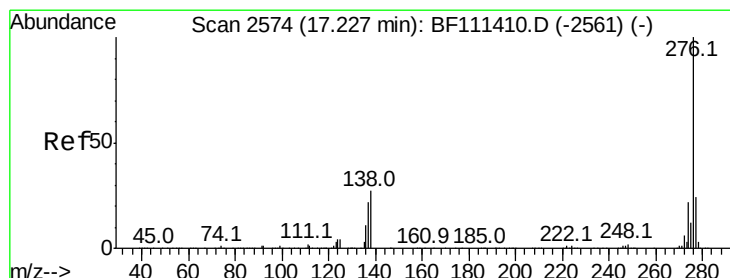
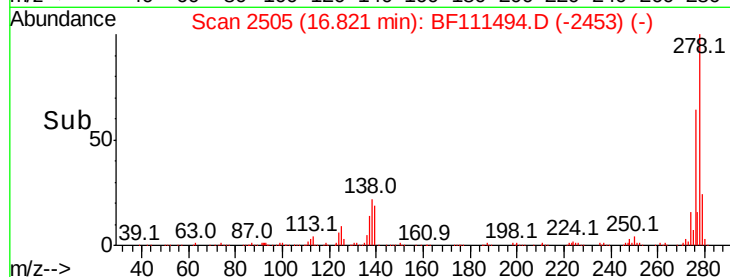
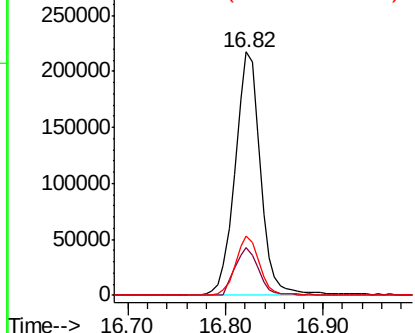
#91
Dibenzo(a,h)anthracene
Concen: 50.999 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	24.2	19.0	28.6

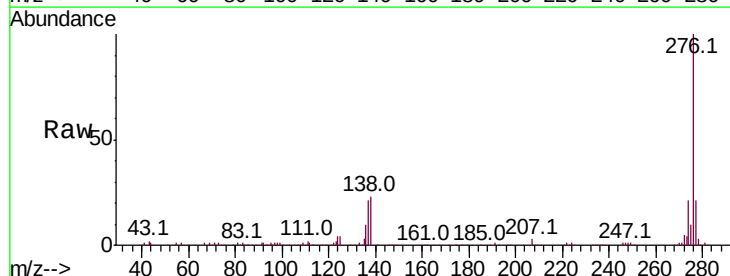


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.107 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111494.D
Acq: 16 Dec 2018 4:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.1	19.2	28.8
138	23.0	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

