

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111199.D
 Acq On : 7 Dec 2018 20:54
 Operator : JU/SJ
 Sample : J6214-18MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Quant Time: Dec 07 22:26:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	402380	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1724642	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	828069	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1194402	20.00	ng	0.00
76) Chrysene-d12	13.96	240	638867	20.00	ng	0.01
87) Perylene-d12	15.39	264	763233	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	2646497	102.63	ng	0.01
7) Phenol-d6	6.44	99	4147375	124.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	2213527	75.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	729152	110.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3767985	84.07	ng	0.00
79) Terphenyl-d14	12.91	244	3224150	103.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	544511	36.712	ng	94
3) Pyridine	3.30	79	1484904	45.140	ng	89
4) n-Nitrosodimethylamine	3.23	42	761024	46.987	ng	85
6) Aniline	6.47	93	676999	15.255	ng	98
8) 2-Chlorophenol	6.59	128	1225827	41.244	ng	95
9) Benzaldehyde	6.35	77	615568	32.781	ng	99
10) Phenol	6.46	94	1745397	48.191	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	1207132	40.779	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1201811	38.021	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1168352	36.729	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1015785	34.328	ng	99
15) Benzyl Alcohol	6.95	79	941144	35.759	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1939267	33.678	ng	99
17) 2-Methylphenol	7.06	107	853777	34.994	ng	98
18) Hexachloroethane	7.32	117	402003	33.688	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	734265	32.893	ng	97
20) 3+4-Methylphenols	7.21	107	1037378	34.862	ng	97
22) Acetophenone	7.22	105	1373751	32.961	ng	95
24) Nitrobenzene	7.39	77	1080315	34.471	ng	99
25) Isophorone	7.63	82	1961379	36.688	ng	99
26) 2-Nitrophenol	7.70	139	536796	40.537	ng	91
27) 2,4-Dimethylphenol	7.74	122	929148	37.257	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1276789	35.278	ng	99
29) 2,4-Dichlorophenol	7.95	162	988214	40.250	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	982193	39.635	ng	98
31) Naphthalene	8.11	128	3328872	44.332	ng	98
32) Benzoic acid	7.81	122	156247	9.501	ng	97
33) 4-Chloroaniline	8.15	127	175691	4.840	ng	98
34) Hexachlorobutadiene	8.23	225	516914	38.383	ng	99
35) Caprolactam	8.52	113	235662	26.143	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	1149041	42.727	ng	98
37) 2-Methylnaphthalene	8.80	142	2319495	44.782	ng	98
38) 1-Methylnaphthalene	8.90	142	2163451	43.445	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	876585	39.719	ng	99

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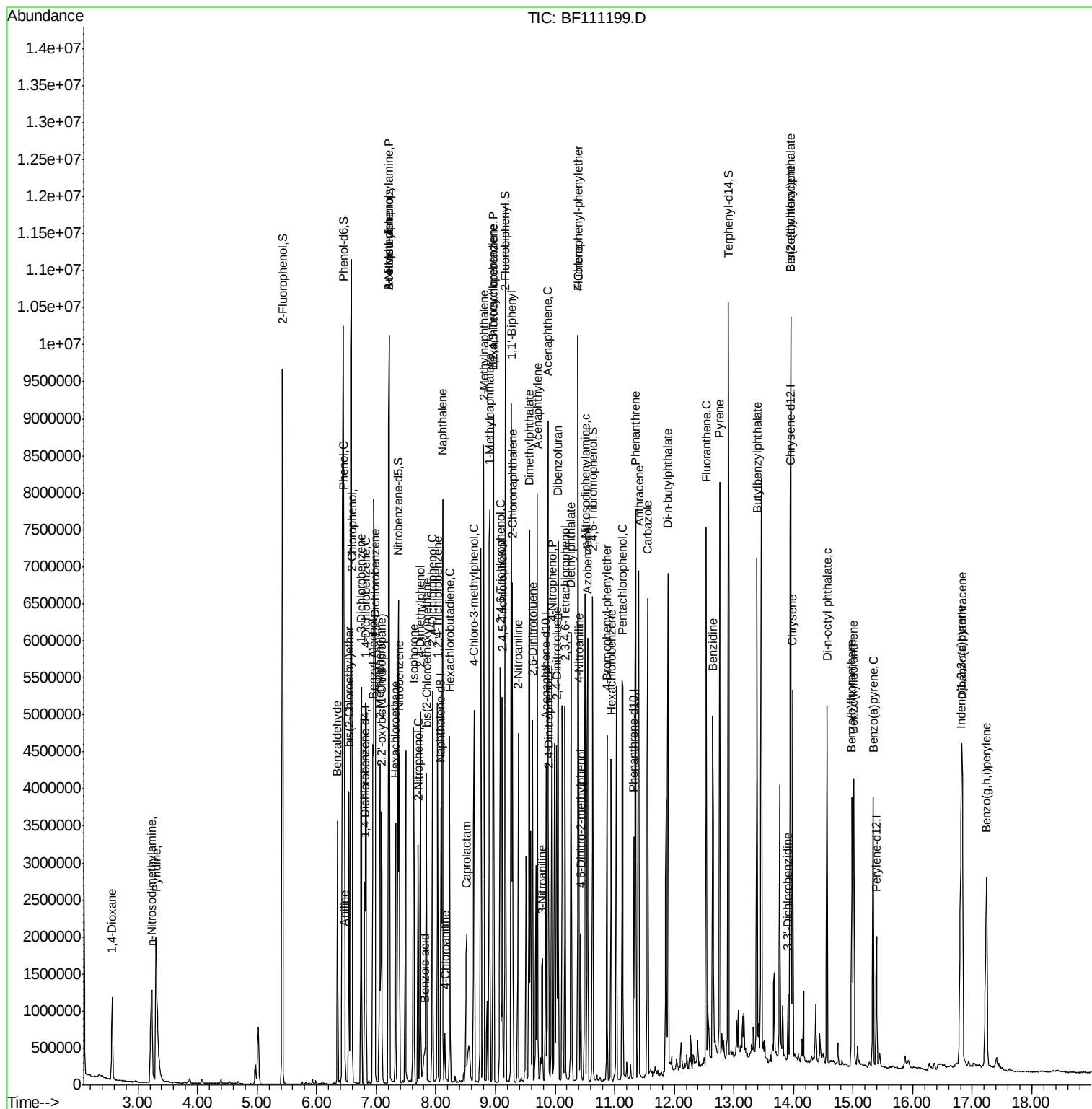
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	943063	81.039	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	675037	41.879	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	722188	44.198	ng	98
46) 1,1'-Biphenyl	9.27	154	2719891	40.124	ng	98
47) 2-Chloronaphthalene	9.29	162	2074499	39.383	ng	95
48) 2-Nitroaniline	9.38	65	727309	42.606	ng	91
49) Acenaphthylene	9.70	152	3232997	43.909	ng	99
50) Dimethylphthalate	9.57	163	2823554	48.994	ng	100
51) 2,6-Dinitrotoluene	9.62	165	567300	46.430	ng	94
52) Acenaphthene	9.88	154	2086200	42.888	ng	99
53) 3-Nitroaniline	9.79	138	246119	16.036	ng	# 94
54) 2,4-Dinitrophenol	9.89	184	336462	86.338	ng	# 70
55) Dibenzofuran	10.05	168	2789720	41.638	ng	95
56) 4-Nitrophenol	9.95	139	937963	81.100	ng	89
57) 2,4-Dinitrotoluene	10.03	165	753293	47.736	ng	96
58) Fluorene	10.39	166	1800352	38.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	556703	45.649	ng	95
60) Diethylphthalate	10.27	149	2264042	39.311	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	814745	34.992	ng	93
62) 4-Nitroaniline	10.40	138	455339	32.872	ng	95
63) Azobenzene	10.55	77	2059434	33.587	ng	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	236216	47.870	ng	86
66) n-Nitrosodiphenylamine	10.50	169	1678322	40.130	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	518422	41.003	ng	# 90
68) Hexachlorobenzene	10.94	284	529255	40.938	ng	94
69) Atrazine	11.03	200	526566	Below Cal		98
70) Pentachlorophenol	11.13	266	616194	72.478	ng	98
71) Phenanthrene	11.35	178	2620095	45.604	ng	99
72) Anthracene	11.40	178	2633173	45.468	ng	97
73) Carbazole	11.55	167	2406074	39.928	ng	96
74) Di-n-butylphthalate	11.89	149	3020946	42.827	ng	99
75) Fluoranthene	12.53	202	2828454	50.311	ng	99
77) Benzidine	12.65	184	538355	23.231	ng	# 93
78) Pyrene	12.76	202	2978331	59.839	ng	98
80) Butylbenzylphthalate	13.39	149	1317328	54.788	ng	99
81) Benzo(a)anthracene	13.95	228	1584959	42.343	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	163576	11.580	ng	98
83) Chrysene	13.99	228	1590000	42.789	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1345782	46.338	ng	98
85) Di-n-octyl phthalate	14.56	149	2171316	47.558	ng	95
86) Indeno(1,2,3-cd)pyrene	16.81	276	2603883	87.275	ng	# 83
88) Benzo(b)fluoranthene	14.99	252	1830674	42.330	ng	99
89) Benzo(k)fluoranthene	15.02	252	1608068	38.462	ng	98
90) Benzo(a)pyrene	15.34	252	1740297	43.870	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	2118781	63.647	ng	97
92) Benzo(g,h,i)perylene	17.24	276	2067497	61.803	ng	97

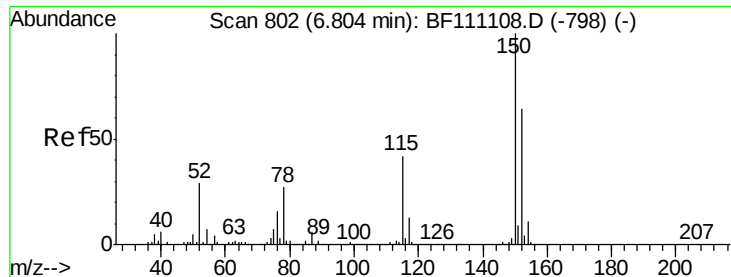
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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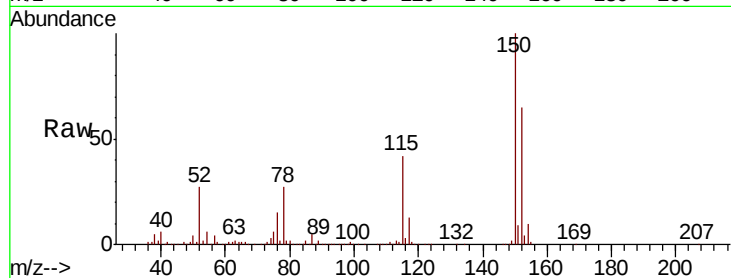


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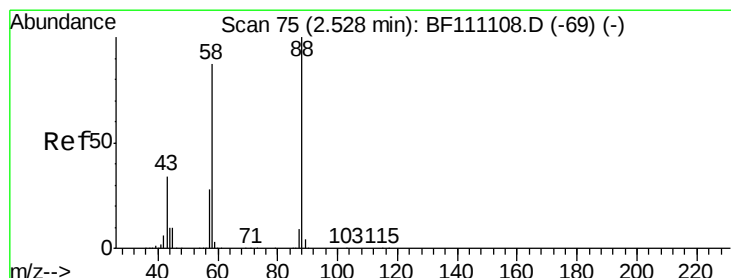
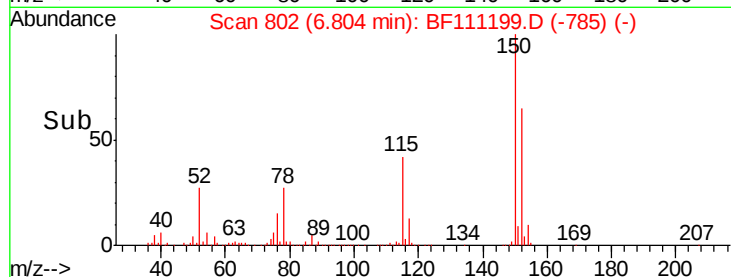
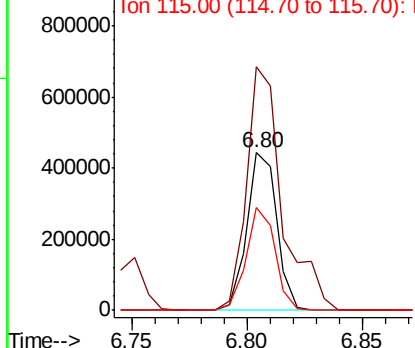
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:152 Resp: 402380
Ion Ratio Lower Upper
152 100
150 154.5 124.6 187.0
115 64.9 52.2 78.2



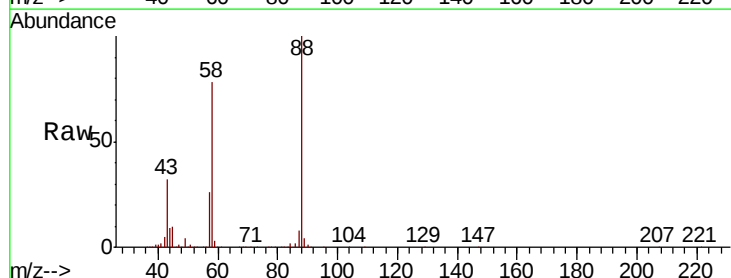
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



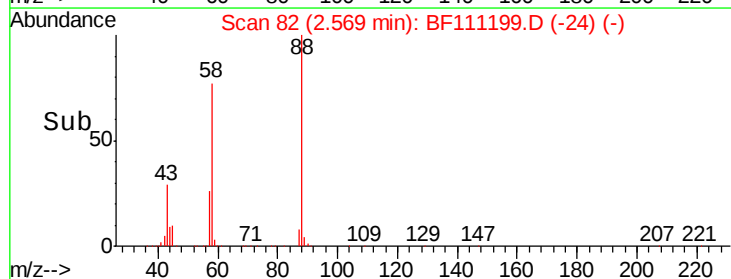
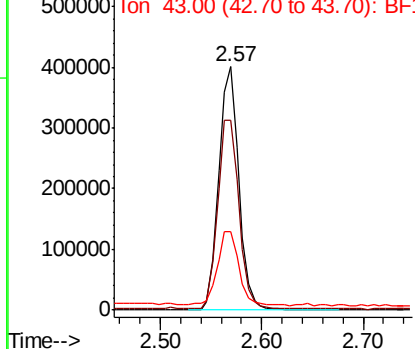
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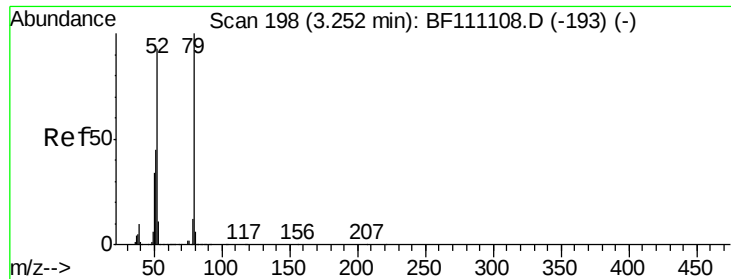
1,4-Dioxane
Concen: 36.712 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.04 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 88 Resp: 544511
Ion Ratio Lower Upper
88 100
58 82.3 70.8 106.2
43 32.8 28.3 42.5



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





#3

Pyridine

Concen: 45.140 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

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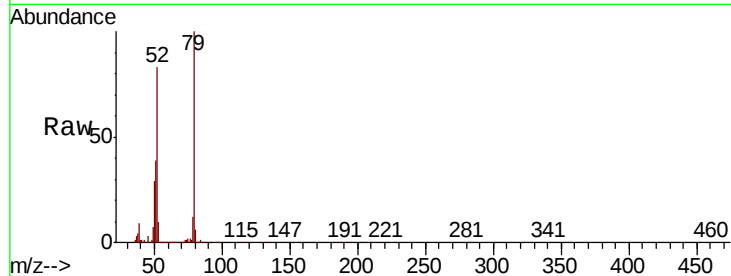
Tgt Ion: 79 Resp: 1484904

Ion Ratio Lower Upper

79 100

52 82.7 74.7 112.1

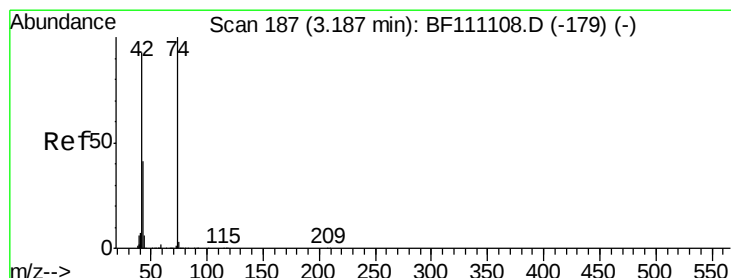
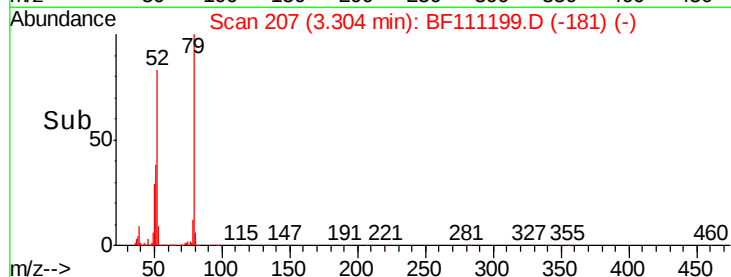
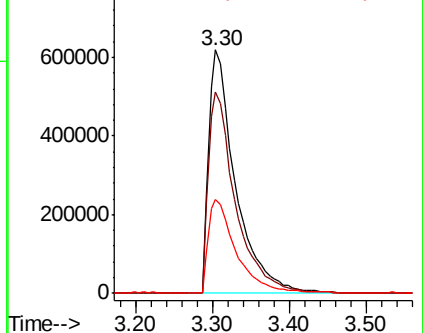
51 38.6 35.9 53.9



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: 46.987 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

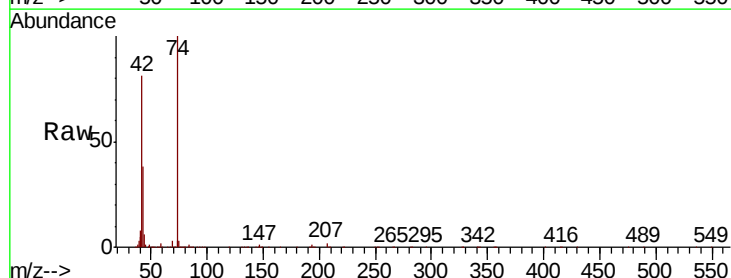
Tgt Ion: 42 Resp: 761024

Ion Ratio Lower Upper

42 100

74 124.1 86.2 129.2

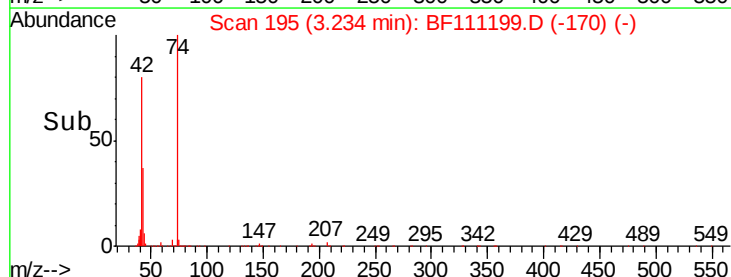
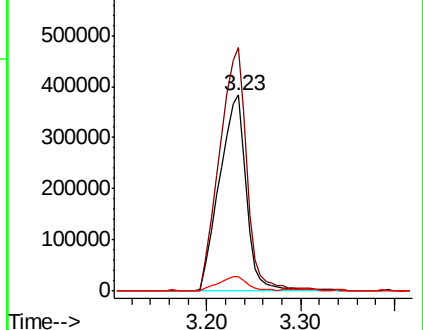
44 7.6 5.7 8.5

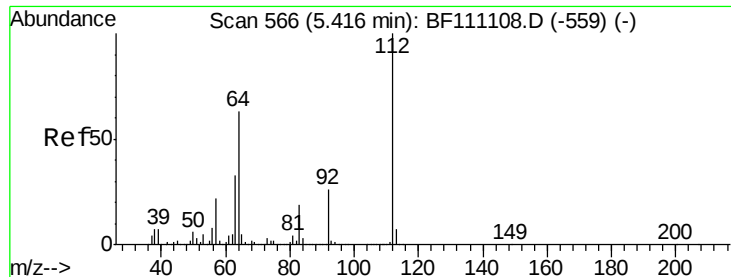


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 102.633 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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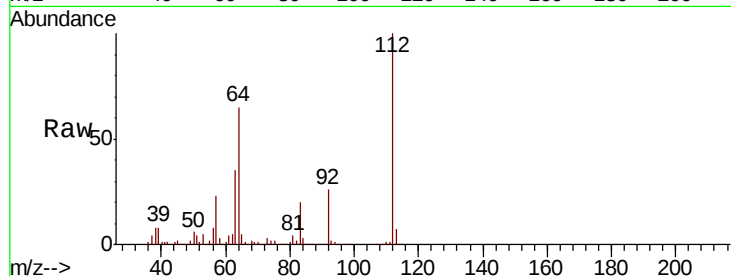
Tgt Ion: 112 Resp: 2646497

Ion Ratio Lower Upper

112 100

64 64.7 50.2 75.4

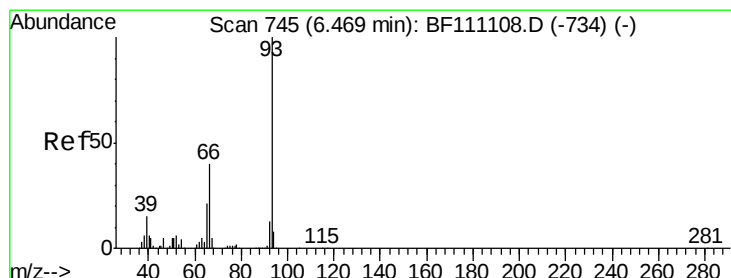
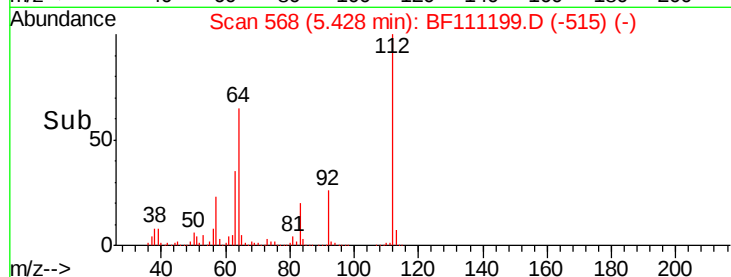
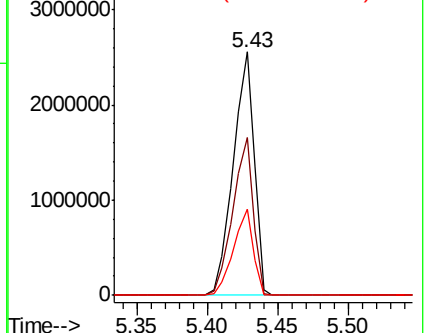
63 35.3 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.255 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111199.D

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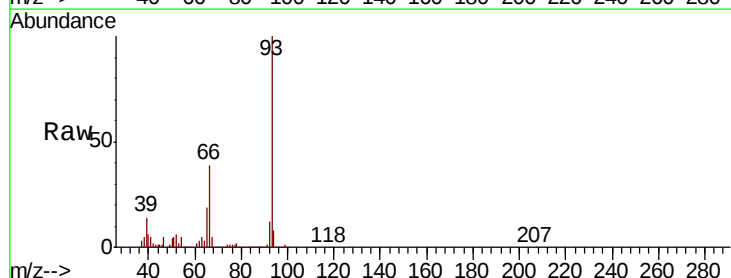
Tgt Ion: 93 Resp: 676999

Ion Ratio Lower Upper

93 100

66 39.3 31.8 47.8

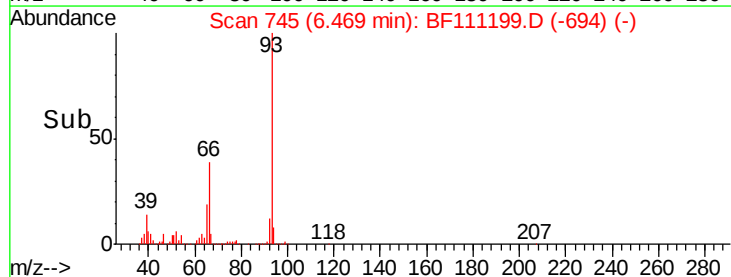
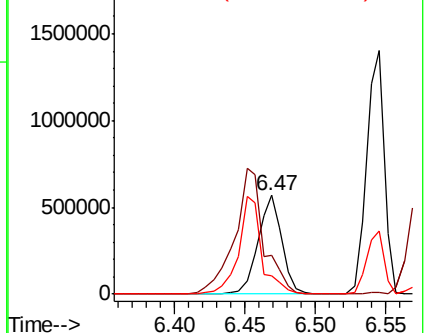
65 19.2 16.6 24.8

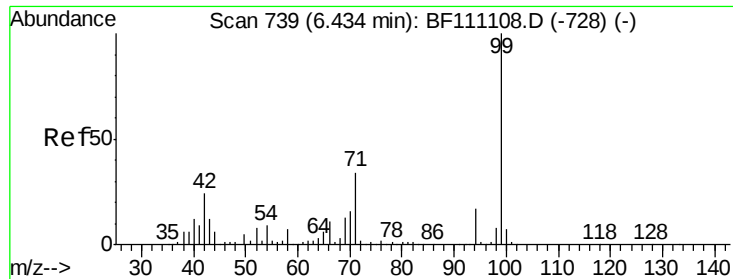


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.857 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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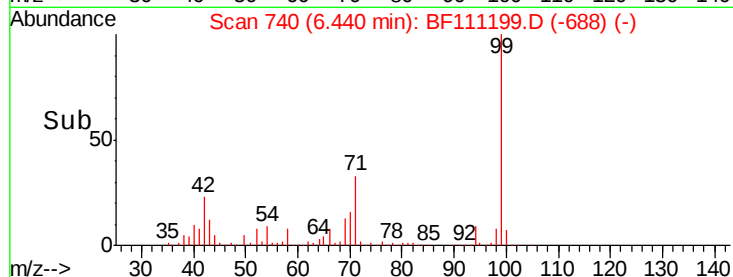
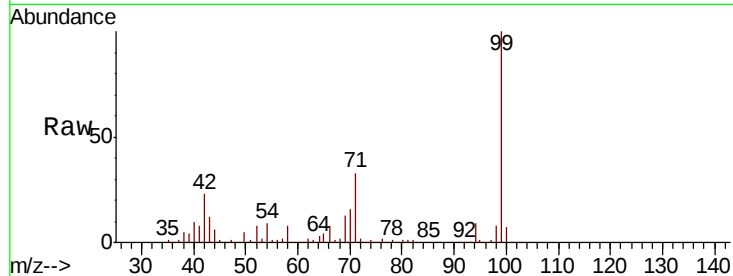
Tgt Ion: 99 Resp: 4147375

Ion Ratio Lower Upper

99 100

42 22.8 19.3 28.9

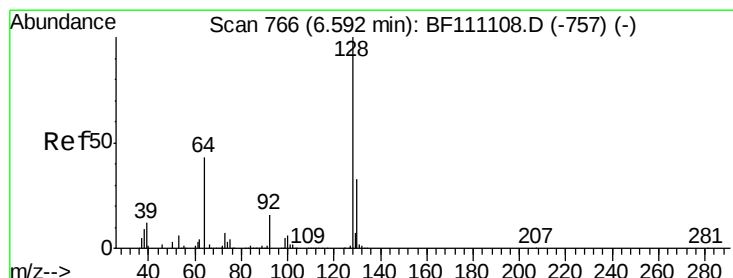
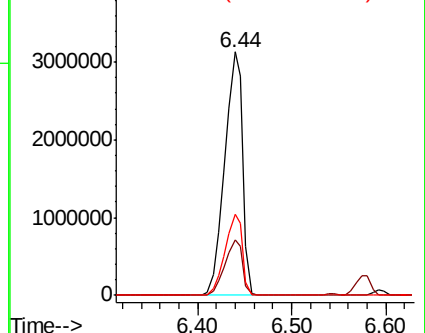
71 33.3 27.4 41.2



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: 41.244 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

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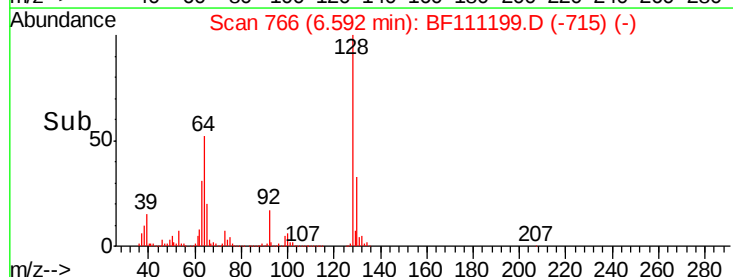
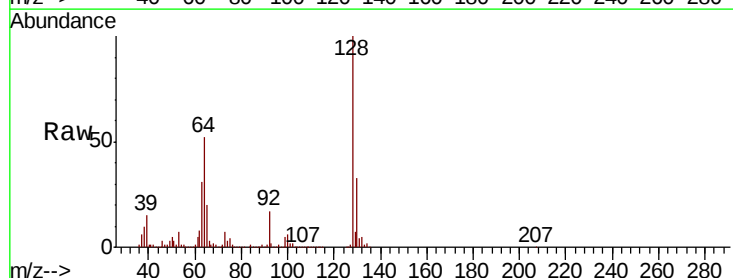
Tgt Ion: 128 Resp: 1225827

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

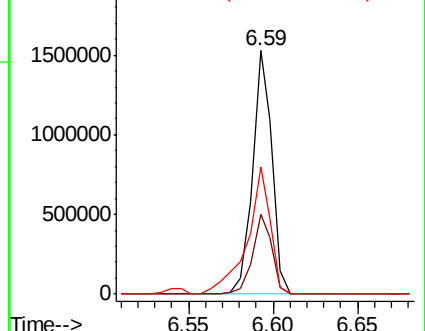
64 52.2 26.6 66.6

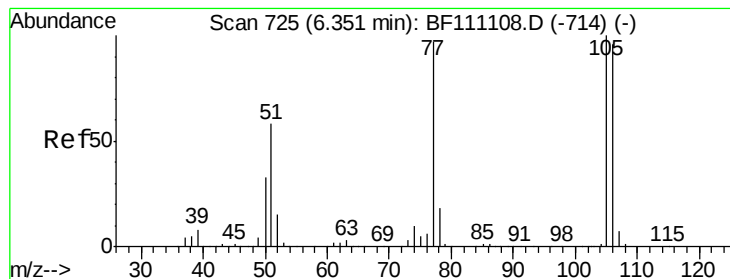


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.781 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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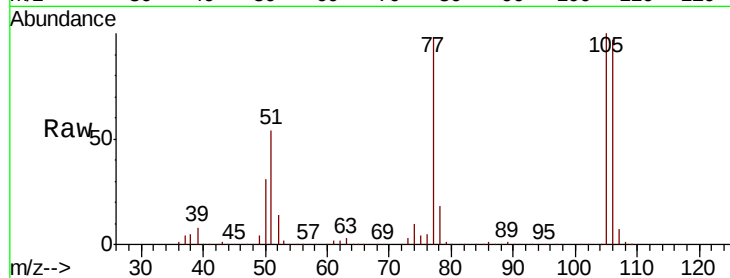
Tgt Ion: 77 Resp: 615568

Ion Ratio Lower Upper

77 100

105 101.6 83.1 123.1

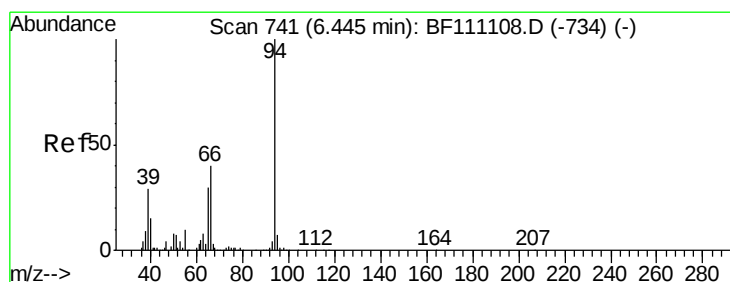
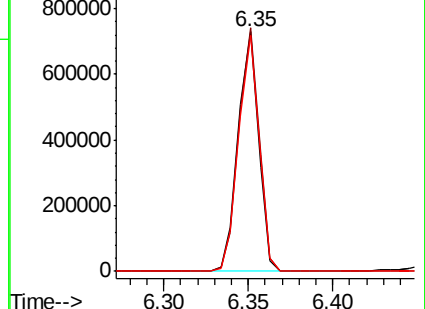
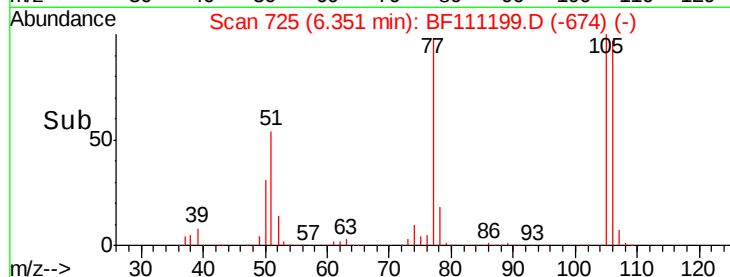
106 98.4 79.0 119.0



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: 48.191 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

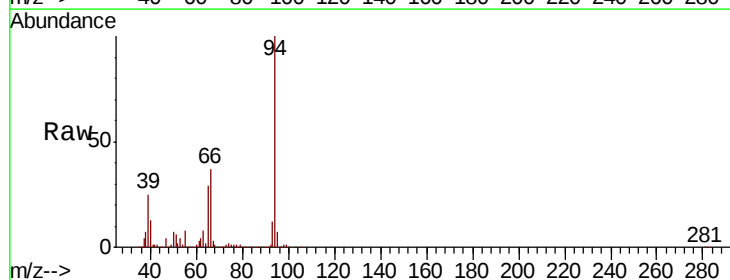
Tgt Ion: 94 Resp: 1745397

Ion Ratio Lower Upper

94 100

65 28.6 10.5 50.5

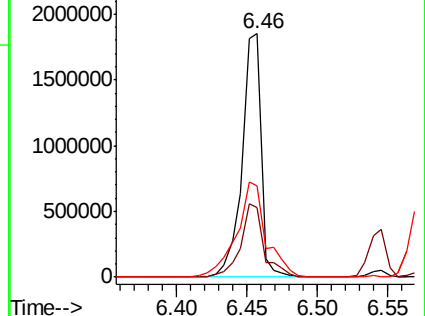
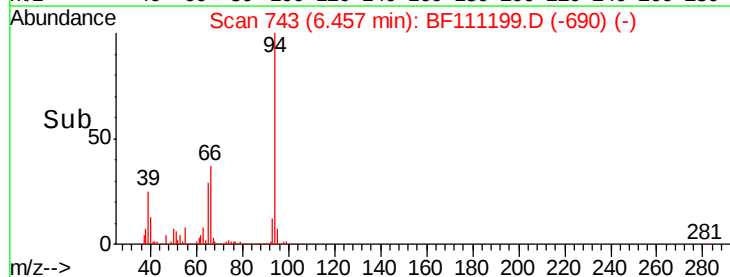
66 37.4 19.8 59.8

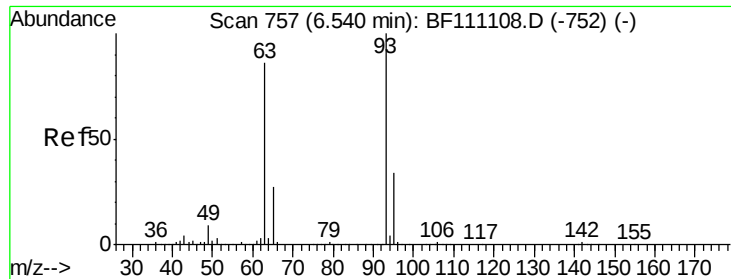


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

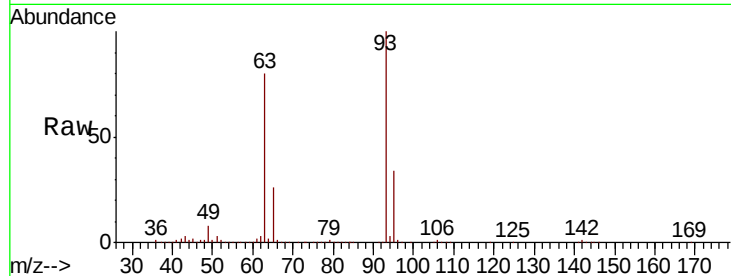




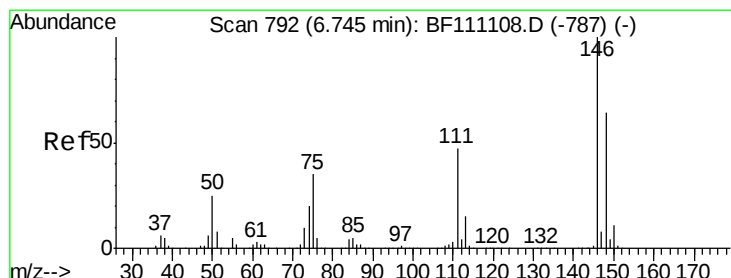
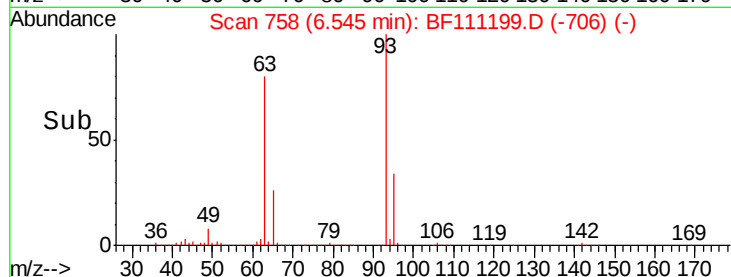
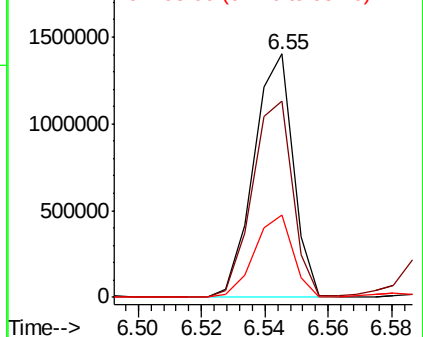
#11
bis(2-Chloroethyl)ether
Concen: 40.779 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion: 93 Resp: 1207132
Ion Ratio Lower Upper
93 100
63 80.4 66.0 106.0
95 33.7 14.3 54.3

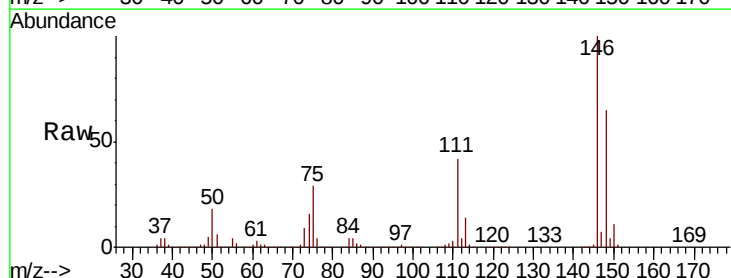


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

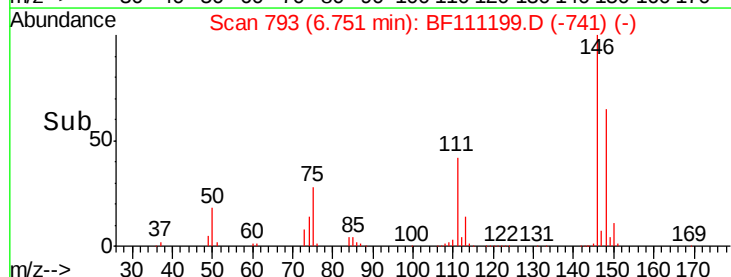
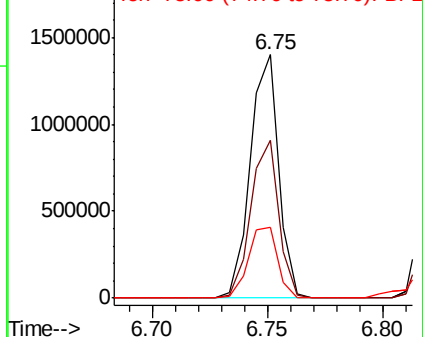


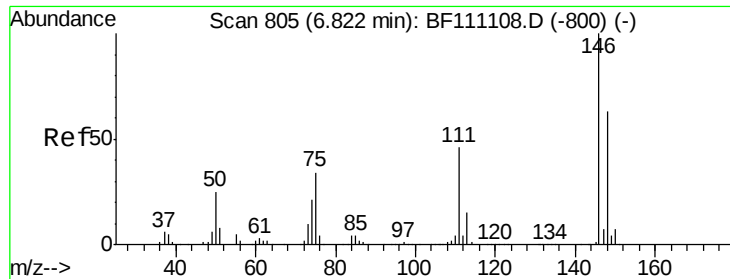
#12
1,3-Dichlorobenzene
Concen: 38.021 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 146 Resp: 1201811
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 28.9 27.7 41.5



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

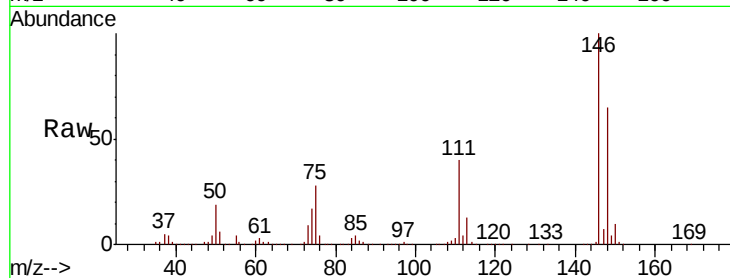




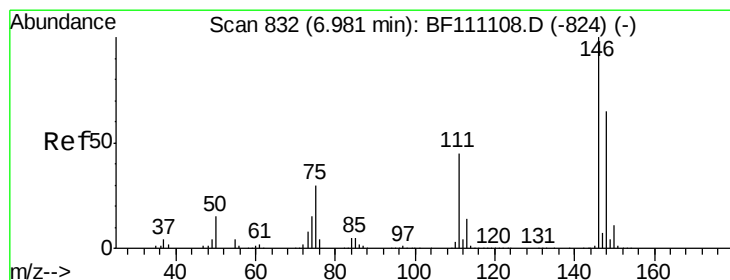
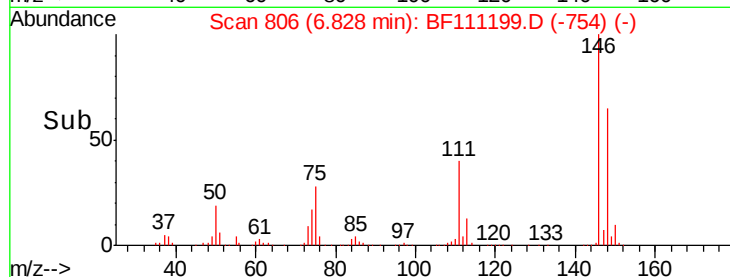
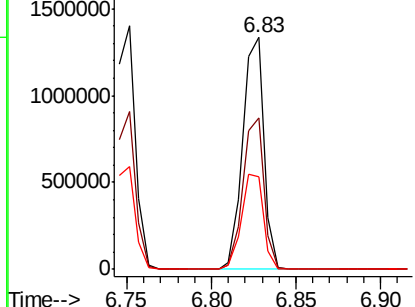
#13
 1,4-Dichlorobenzene
 Concen: 36.729 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion:146 Resp: 1168352
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.3 75.5
 111 40.0 36.6 55.0

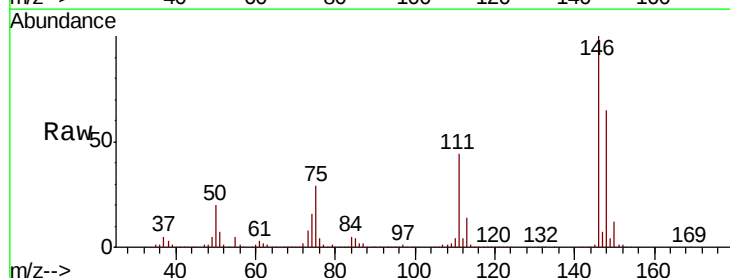


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

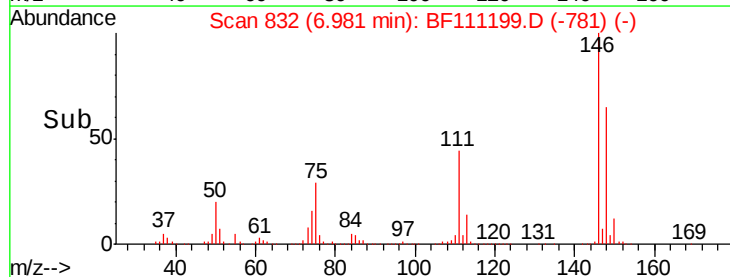
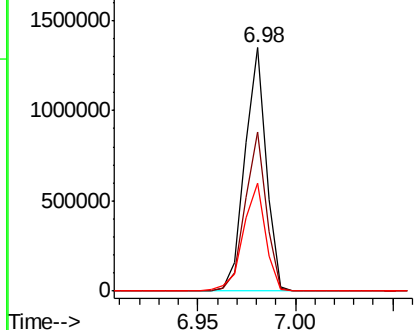


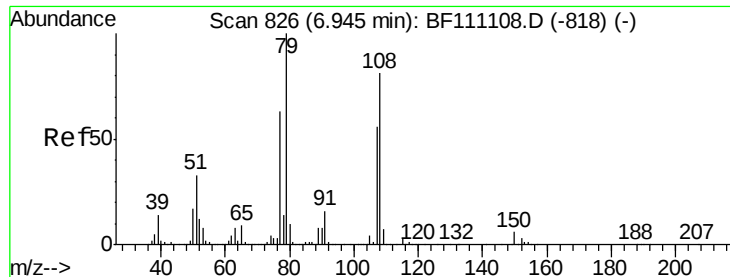
#14
 1,2-Dichlorobenzene
 Concen: 34.328 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion:146 Resp: 1015785
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 44.5 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.759 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

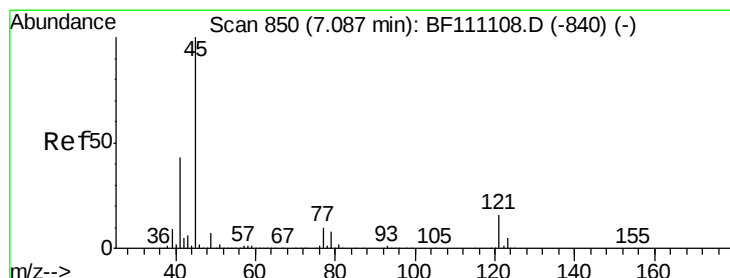
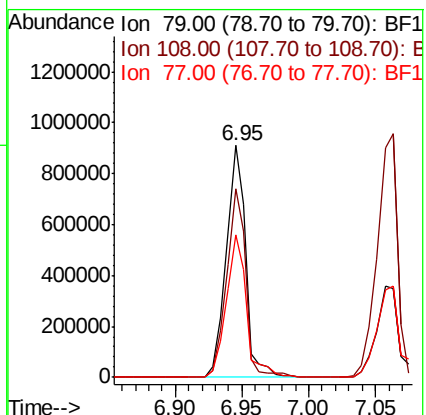
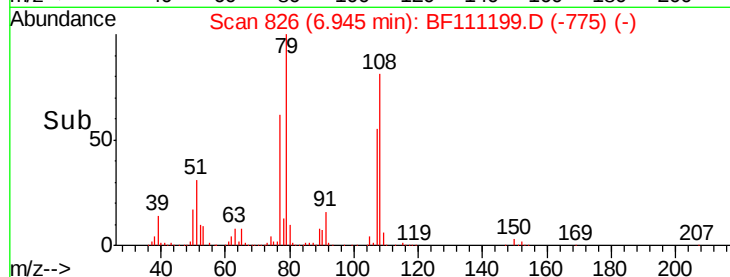
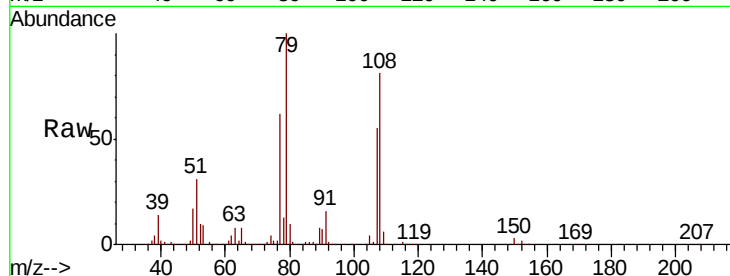
Tgt Ion: 79 Resp: 941144

Ion Ratio Lower Upper

79 100

108 81.2 64.5 96.7

77 61.6 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.678 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

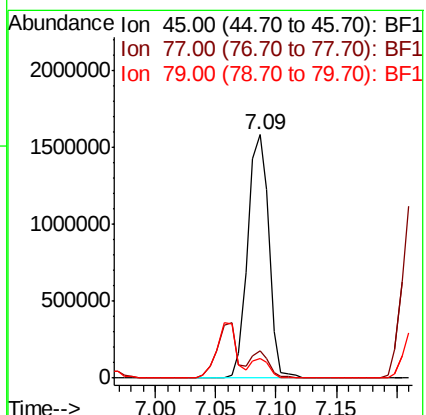
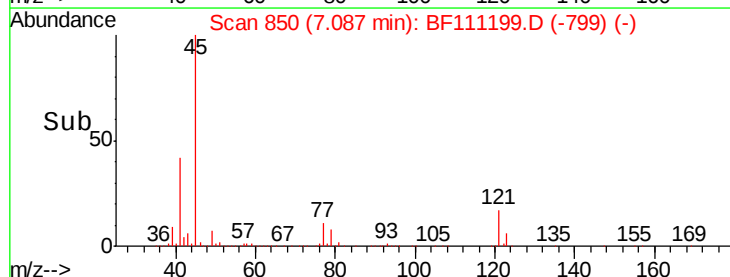
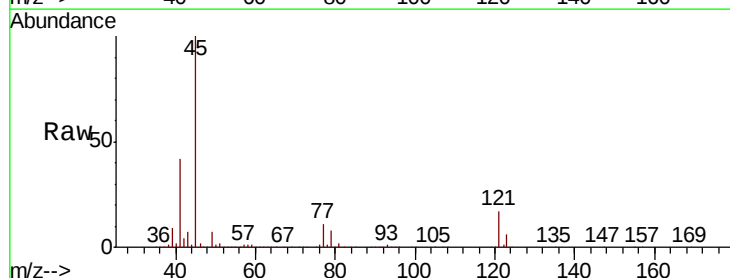
Tgt Ion: 45 Resp: 1939267

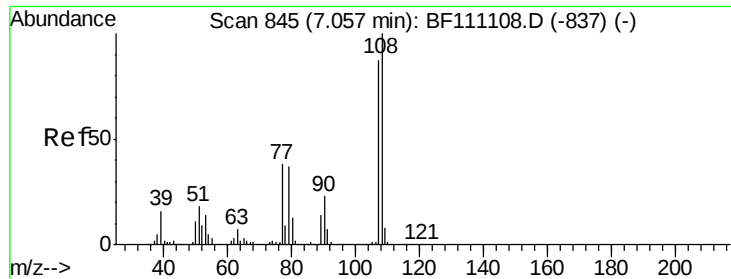
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.6

79 8.3 0.0 28.4

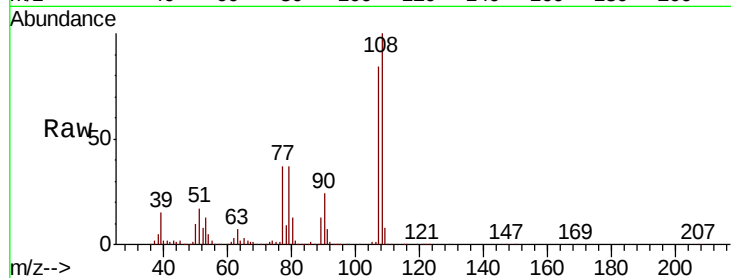




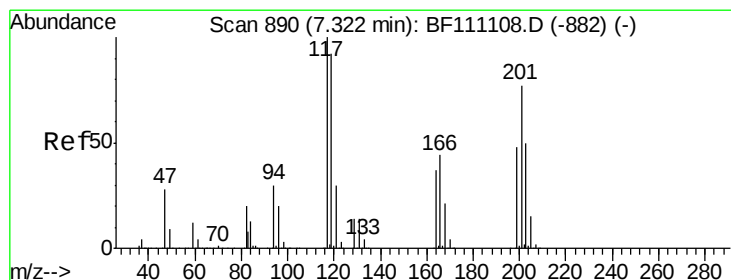
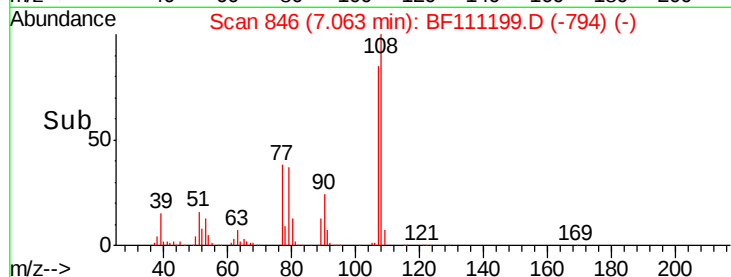
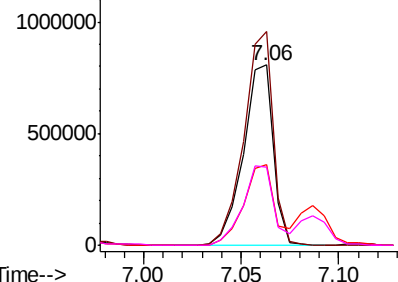
#17
2-Methylphenol
Concen: 34.994 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:107 Resp: 853777
Ion Ratio Lower Upper
107 100
108 118.4 91.8 137.8
77 44.4 34.7 52.1
79 43.3 34.2 51.2

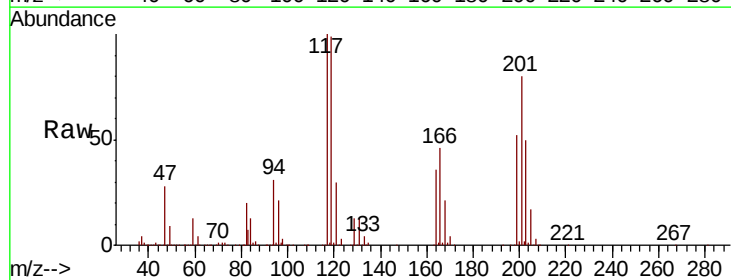


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

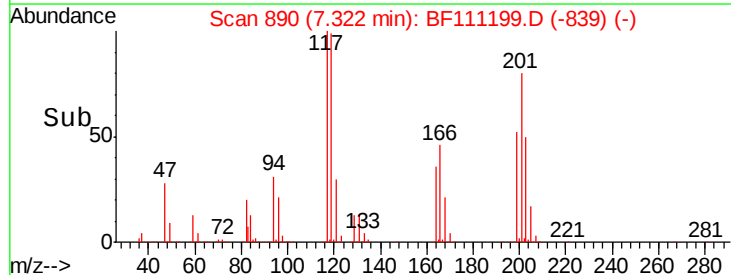
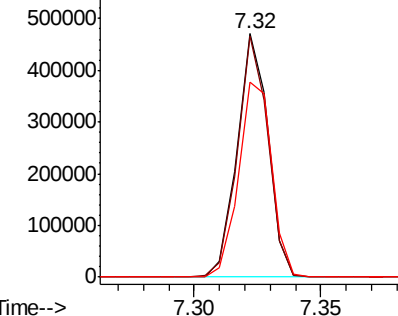


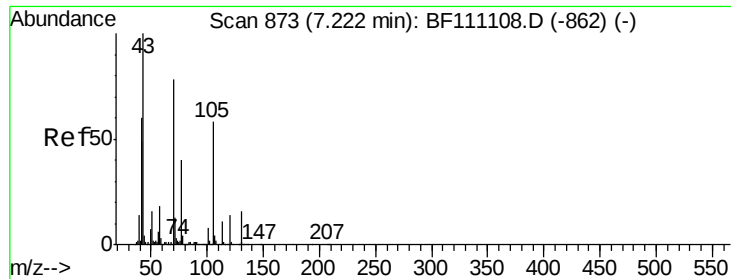
#18
Hexachloroethane
Concen: 33.688 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:117 Resp: 402003
Ion Ratio Lower Upper
117 100
119 98.8 73.8 110.6
201 79.9 61.2 91.8



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

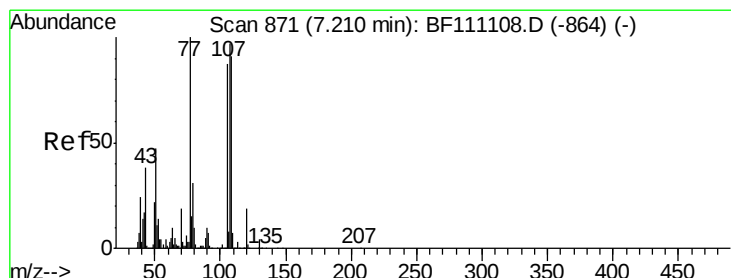
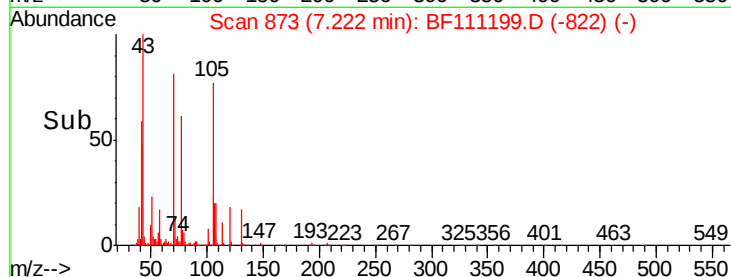
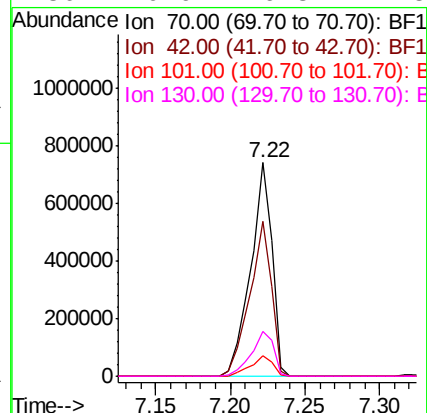
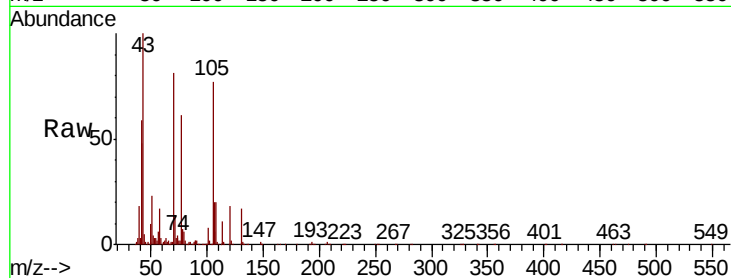




#19
n-Nitroso-di-n-propylamine
Concen: 32.893 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

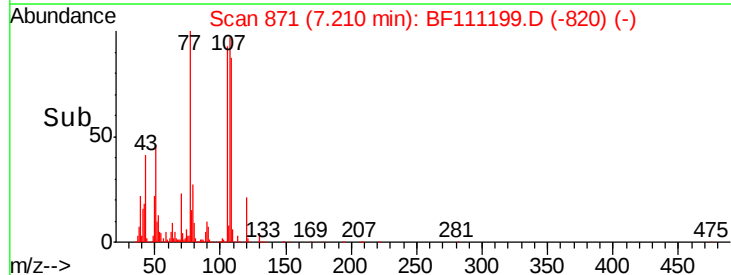
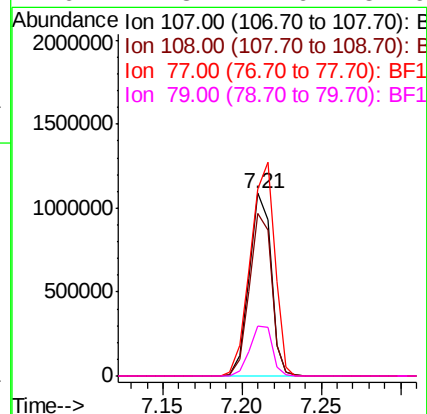
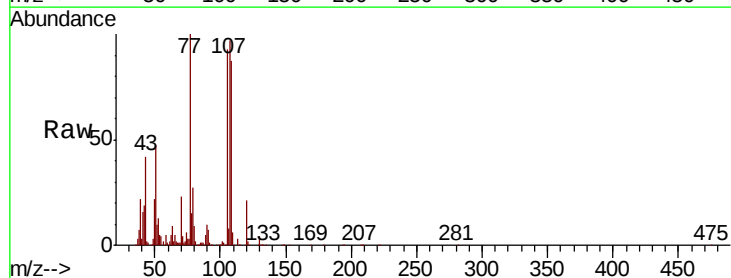
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

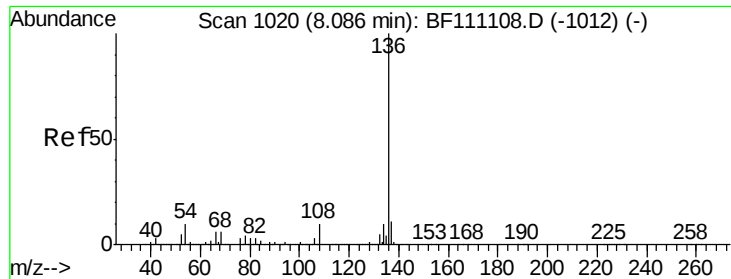
Tgt Ion:	70	Resp:	734265
Ion	Ratio	Lower	Upper
70	100		
42	72.7	61.3	91.9
101	9.3	7.7	11.5
130	20.9	16.3	24.5



#20
3+4-Methylphenols
Concen: 34.862 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:	107	Resp:	1037378
Ion	Ratio	Lower	Upper
107	100		
108	88.9	74.0	114.0
77	102.6	83.2	123.2
79	27.3	11.6	51.6

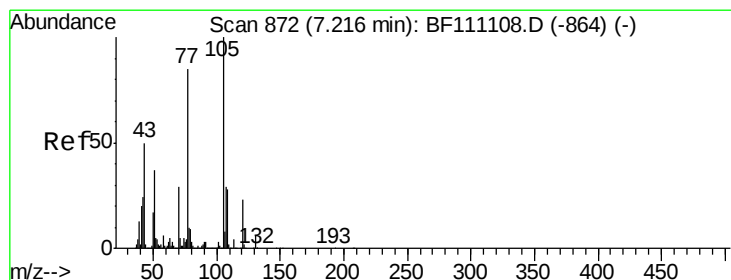
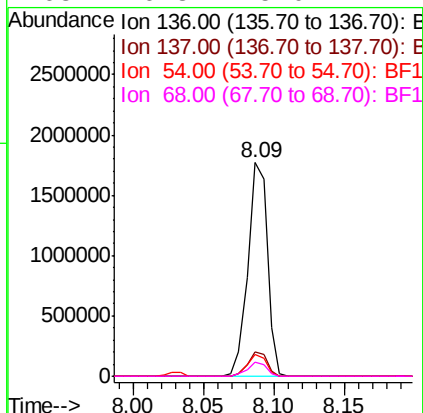
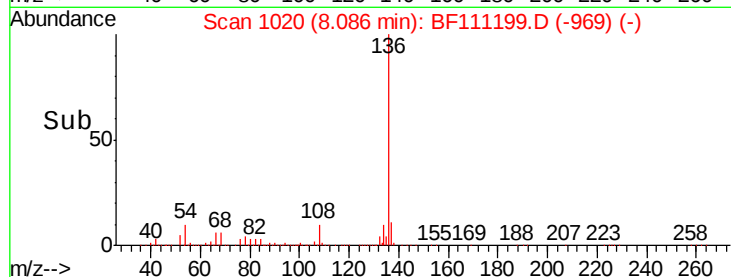
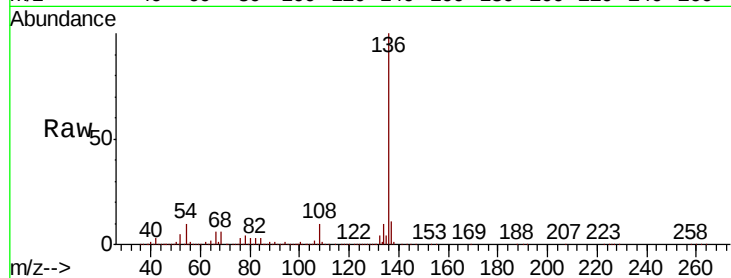




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

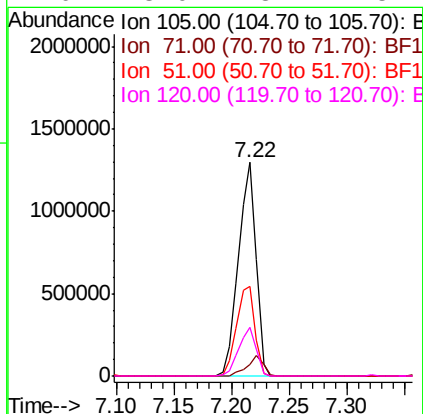
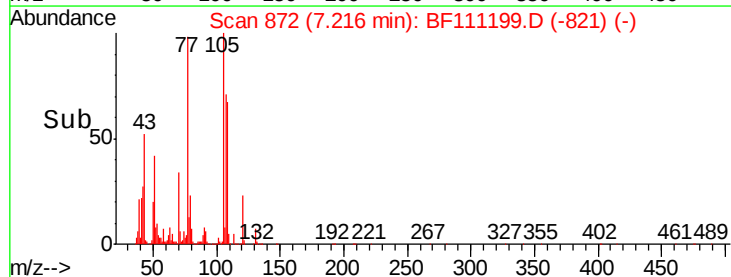
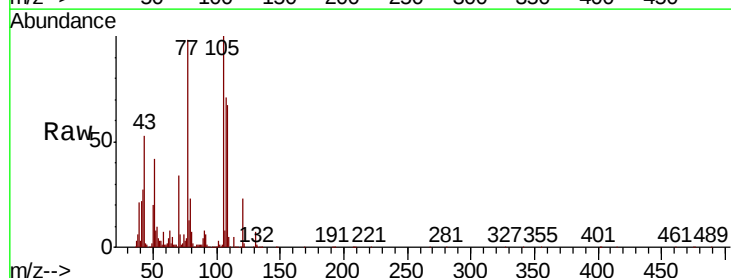
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

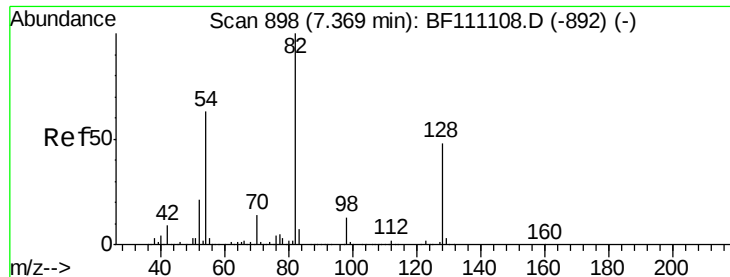
Tgt Ion:	136	Resp:	1724642
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.2	8.4	12.6
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 32.961 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:	105	Resp:	1373751
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.0	6.0
51	41.9	29.8	44.8
120	23.0	18.7	28.1

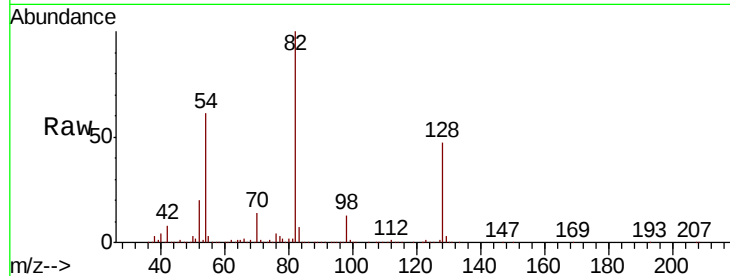




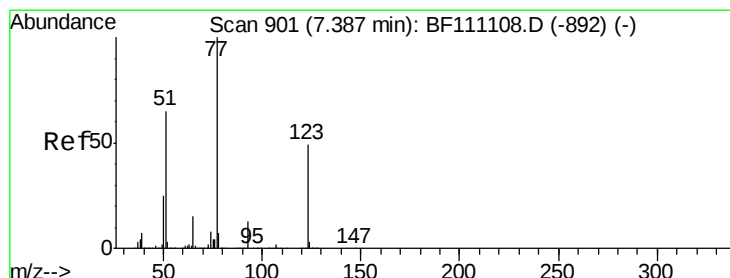
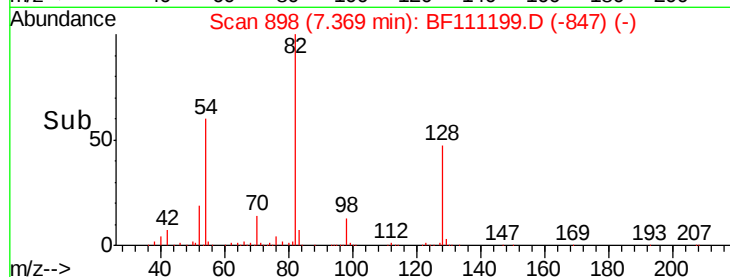
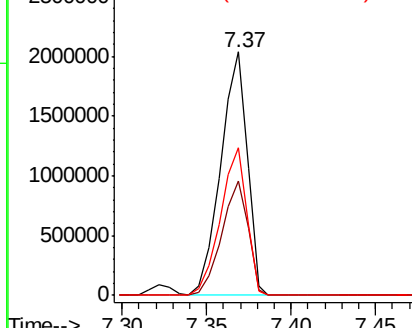
#23
 Nitrobenzene-d5
 Concen: 75.986 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion: 82 Resp: 2213527
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.1 57.1
 54 60.8 50.3 75.5

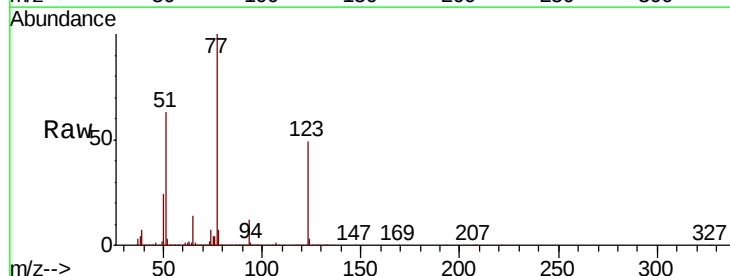


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

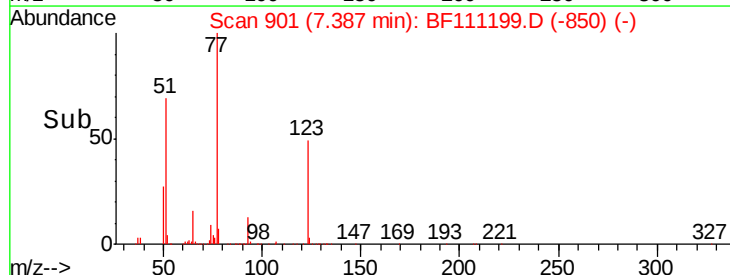
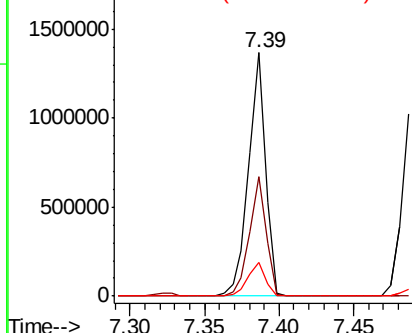


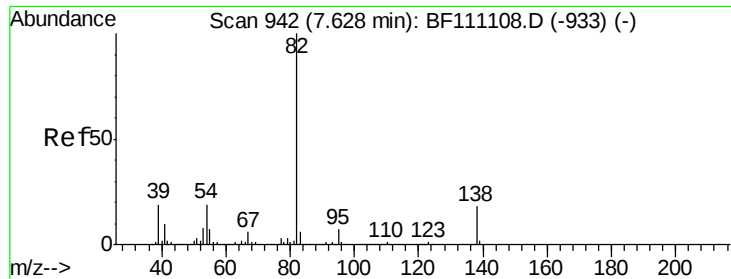
#24
 Nitrobenzene
 Concen: 34.471 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion: 77 Resp: 1080315
 Ion Ratio Lower Upper
 77 100
 123 48.9 39.5 59.3
 65 14.1 11.8 17.6



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

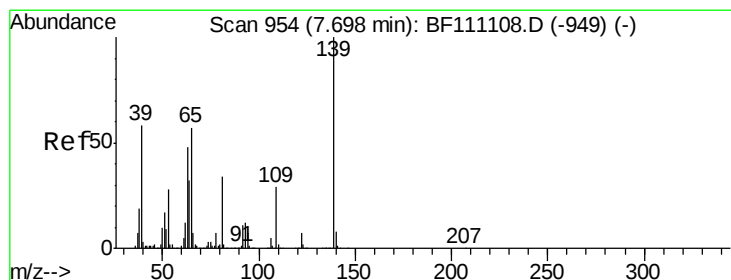
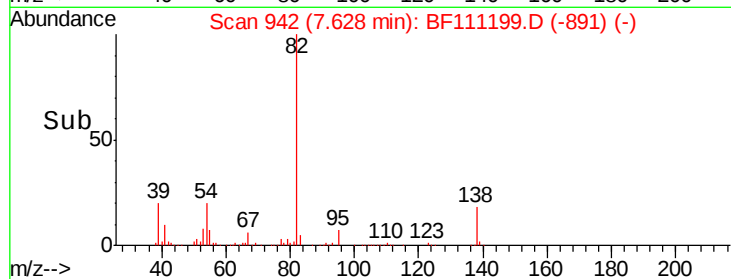
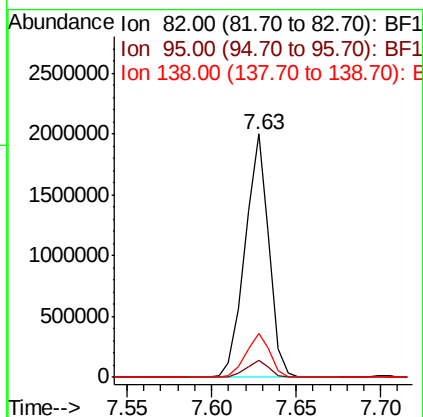
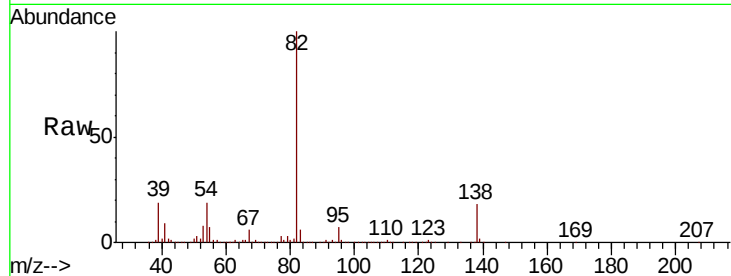




#25
Isophorone
Concen: 36.688 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

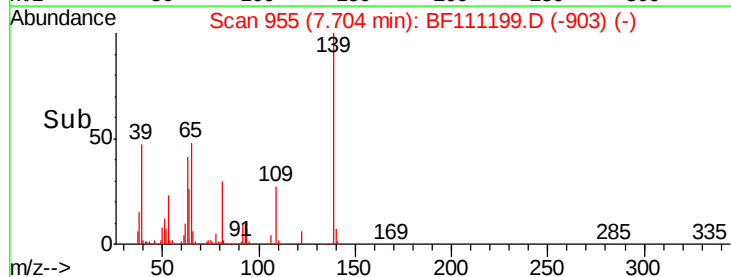
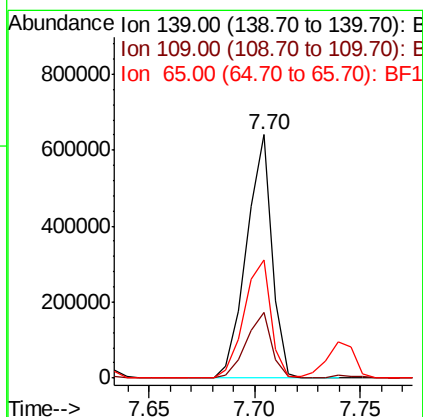
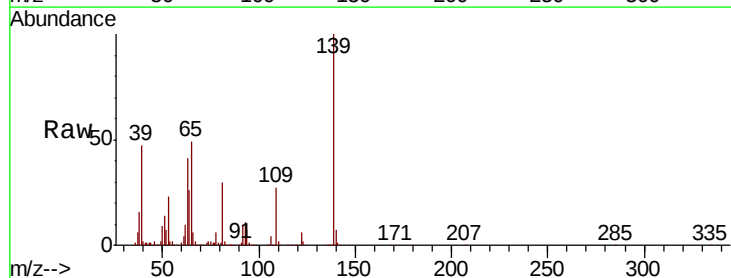
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

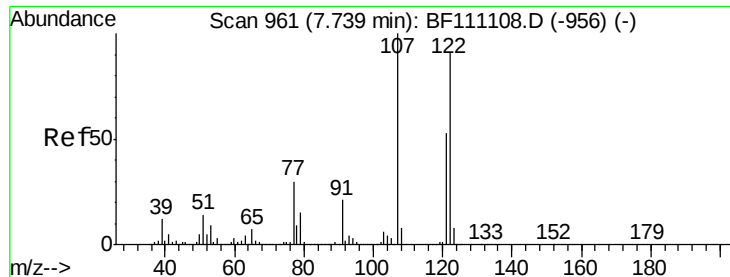
Tgt Ion: 82 Resp: 1961379
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 40.537 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 139 Resp: 536796
Ion Ratio Lower Upper
139 100
109 27.0 23.1 34.7
65 48.8 45.9 68.9

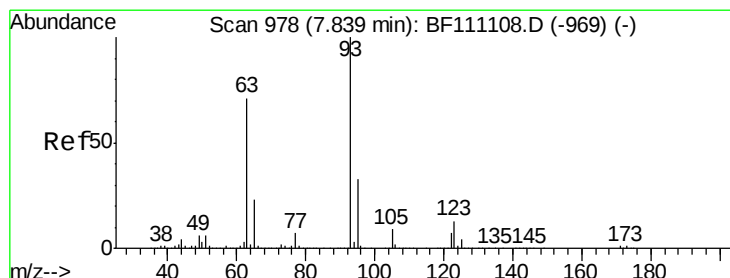
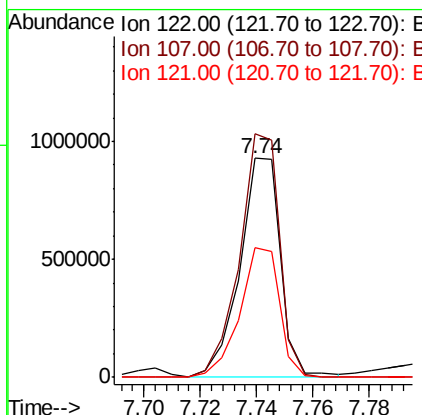
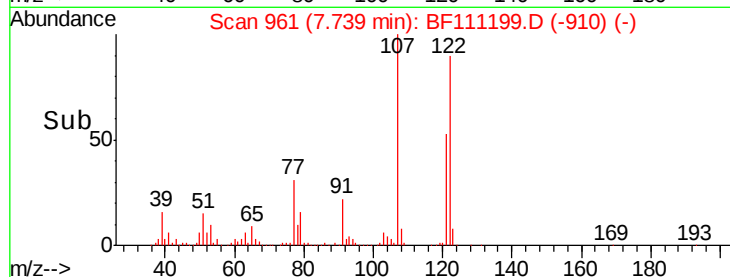
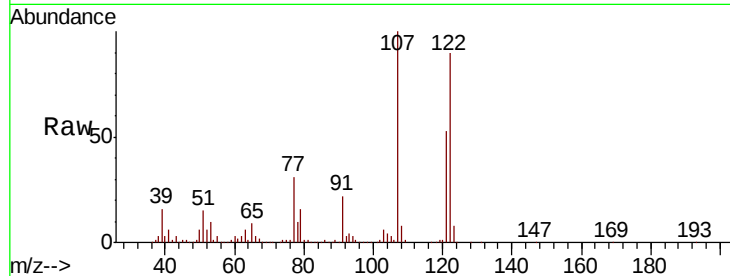




#27
 2,4-Dimethylphenol
 Concen: 37.257 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

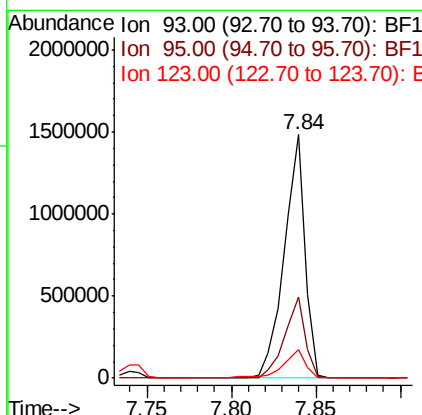
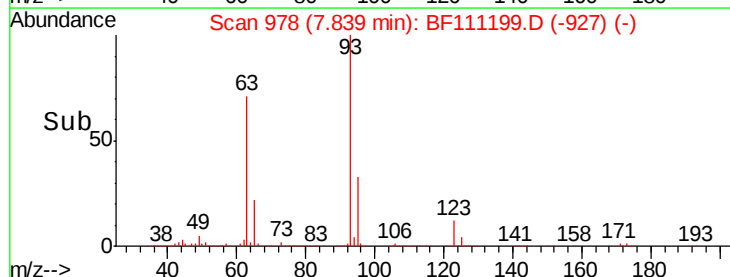
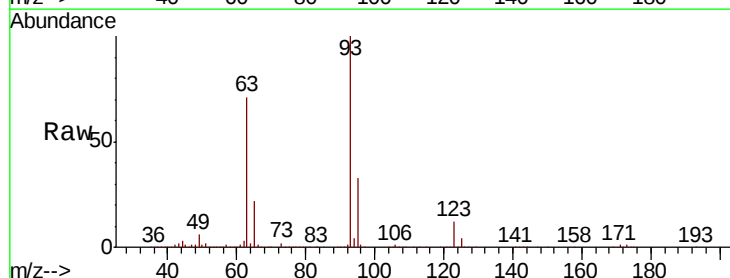
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

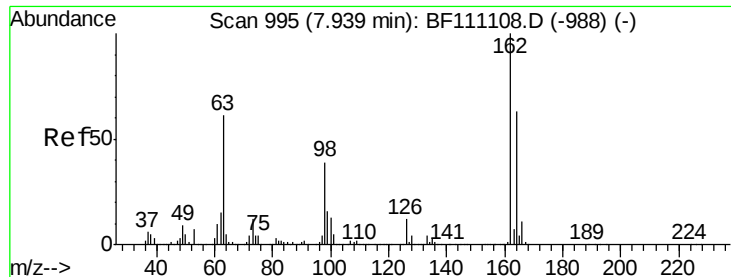
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	87.4	131.0
121	59.4	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.278 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	11.7	10.3	15.5

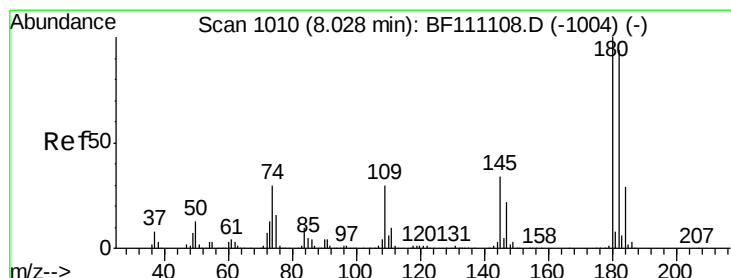
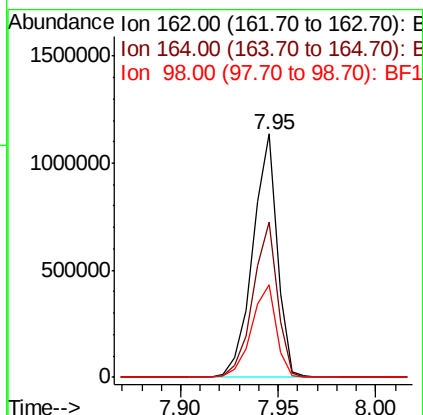
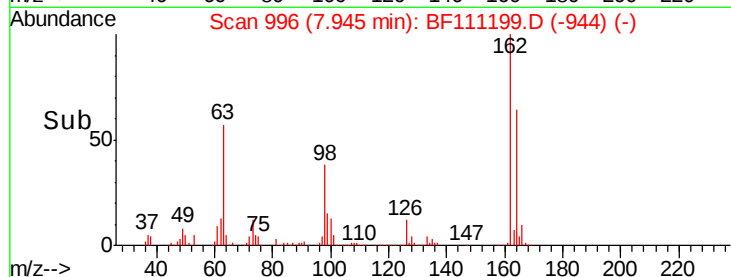
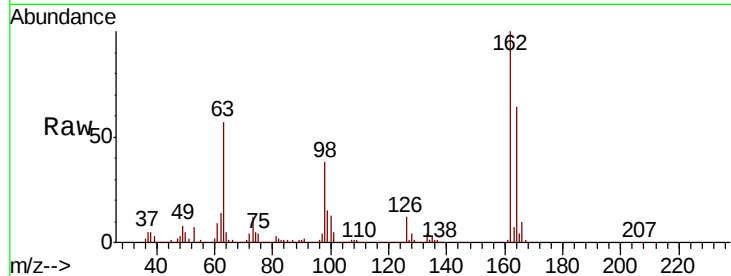




#29
2,4-Dichlorophenol
Concen: 40.250 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

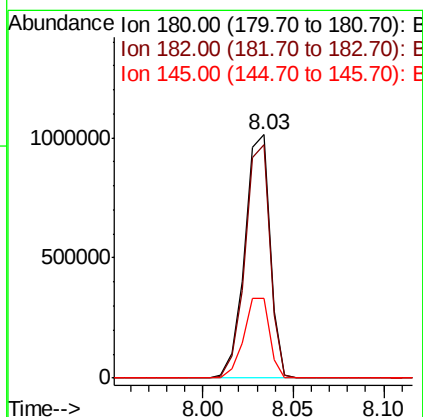
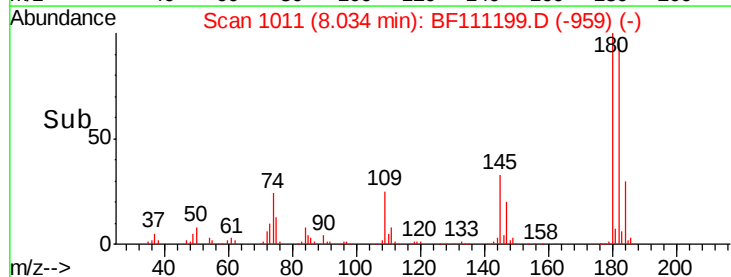
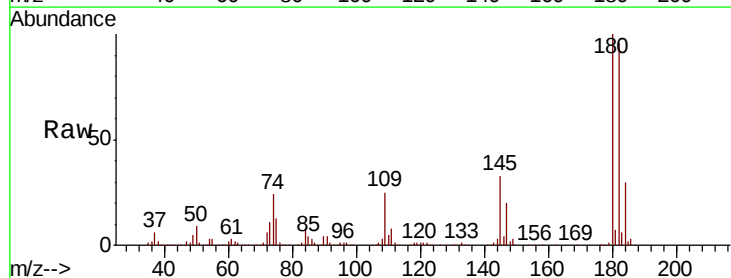
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

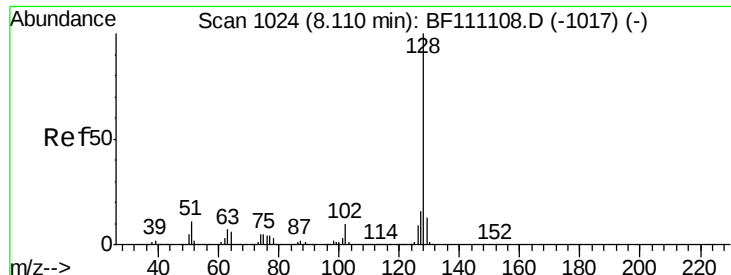
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	37.8	18.9	58.9



#30
1,2,4-Trichlorobenzene
Concen: 39.635 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	32.9	27.6	41.4

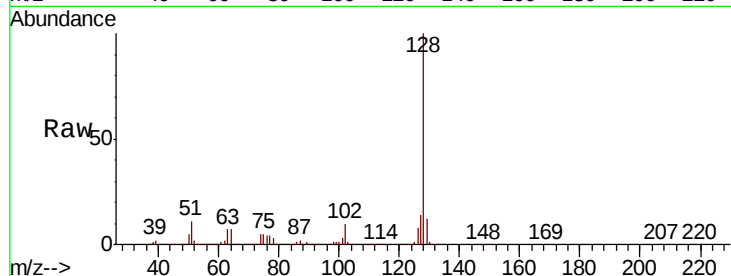




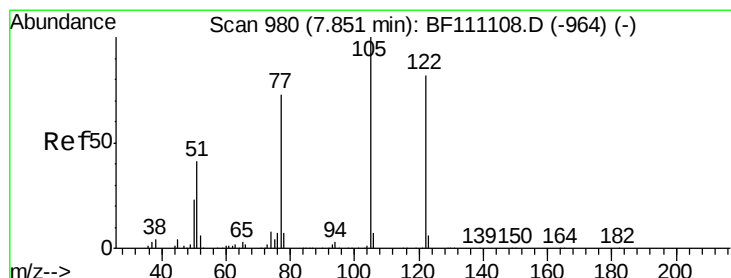
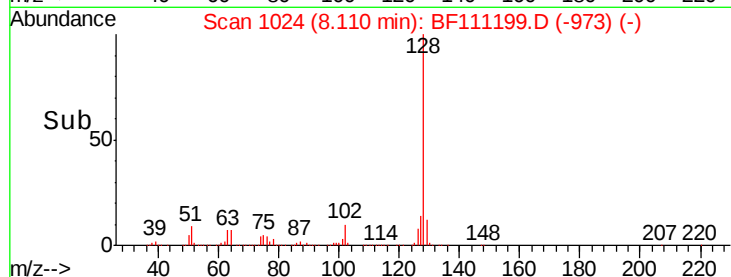
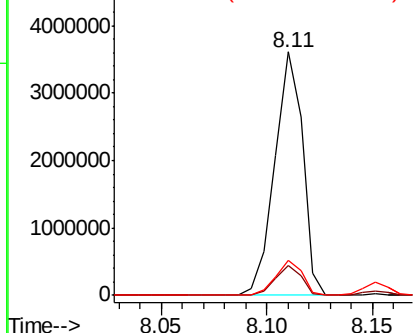
#31
Naphthalene
Concen: 44.332 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:128 Resp: 3328872
Ion Ratio Lower Upper
128 100
129 12.4 10.5 15.7
127 14.5 12.5 18.7

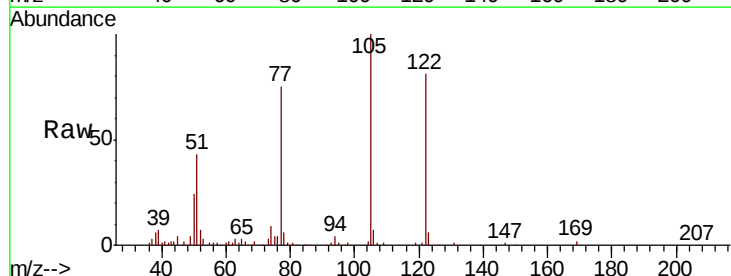


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

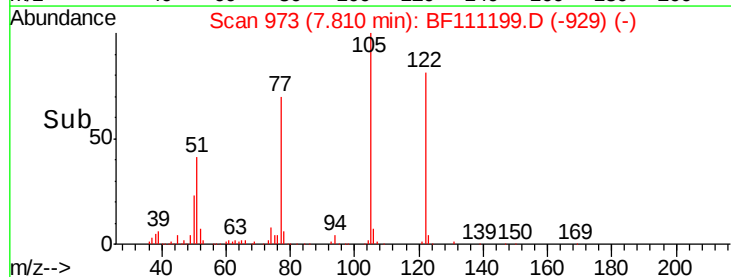
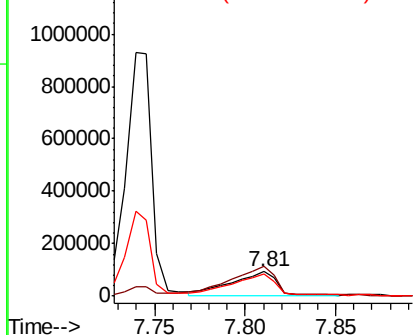


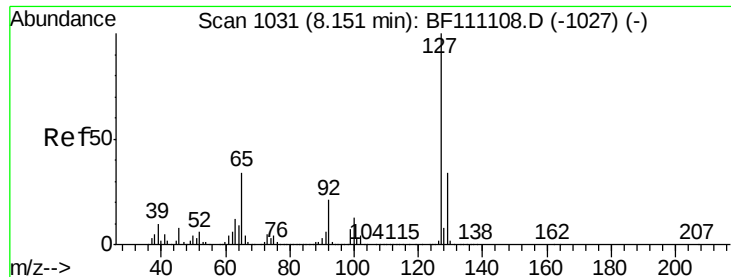
#32
Benzoic acid
Concen: 9.501 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.04 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:122 Resp: 156247
Ion Ratio Lower Upper
122 100
105 122.9 100.1 140.1
77 91.8 69.4 109.4



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

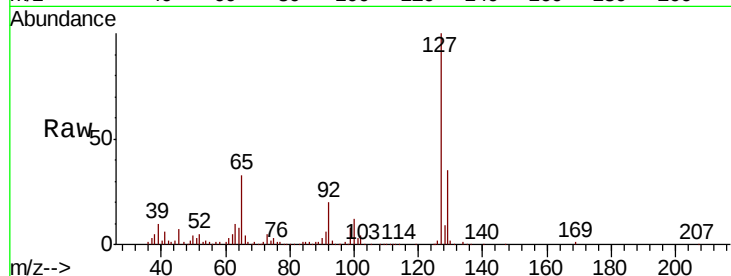




#33
4-Chloroaniline
Concen: 4.840 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:	127	Resp:	175691
Ion	Ratio	Lower	Upper
127	100		
129	35.4	27.0	40.6
65	33.2	27.2	40.8
92	20.0	16.6	24.8



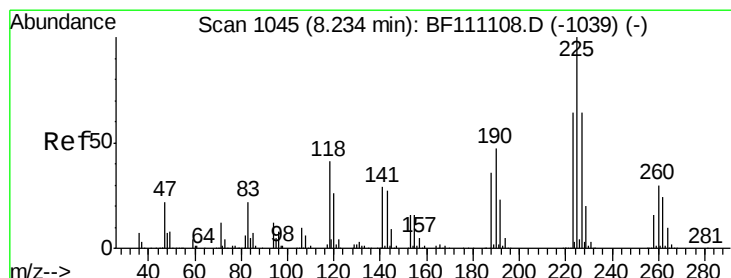
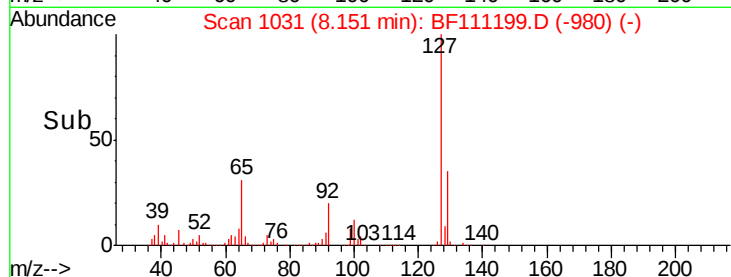
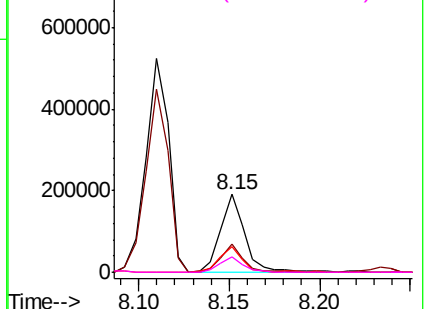
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

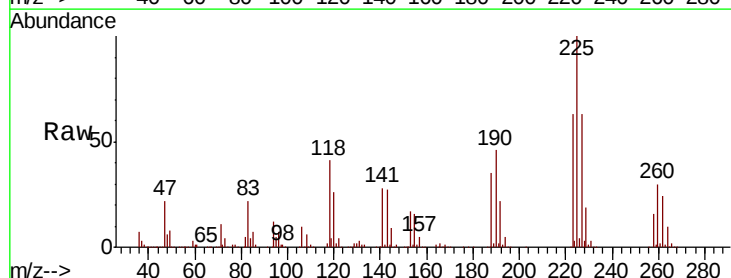
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.383 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:	225	Resp:	516914
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	63.1	51.0	76.4

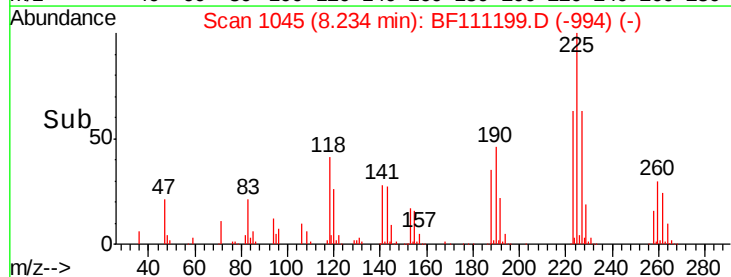
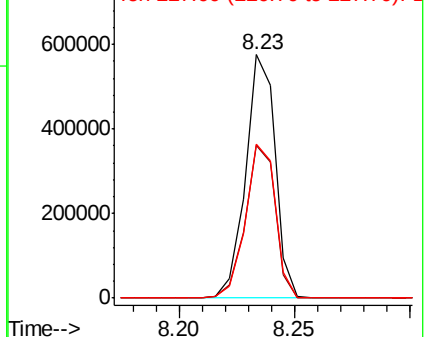


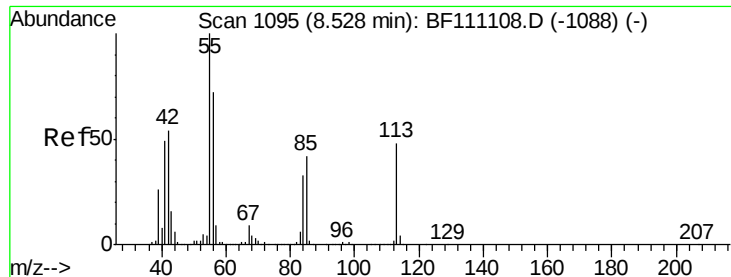
Abundance

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

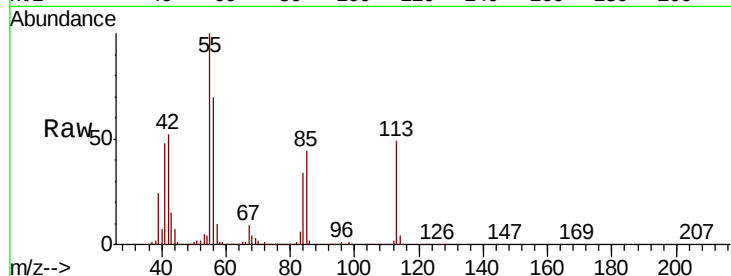




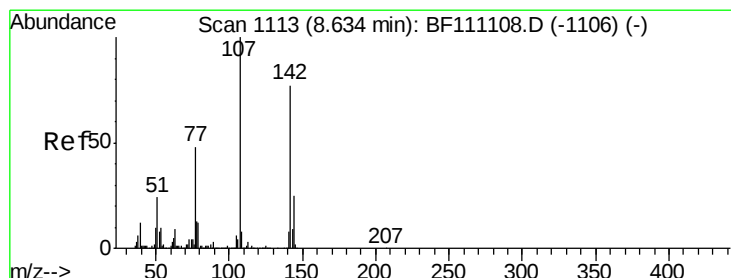
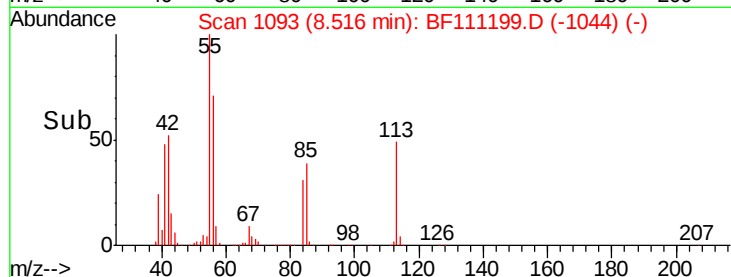
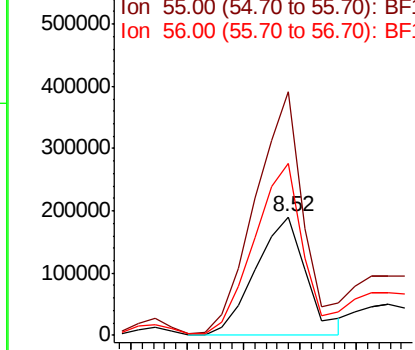
#35
Caprolactam
Concen: 26.143 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:113 Resp: 235662
Ion Ratio Lower Upper
113 100
55 205.2 190.6 230.6
56 144.4 130.9 170.9

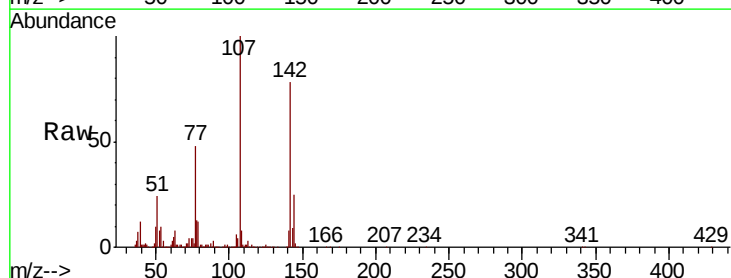


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

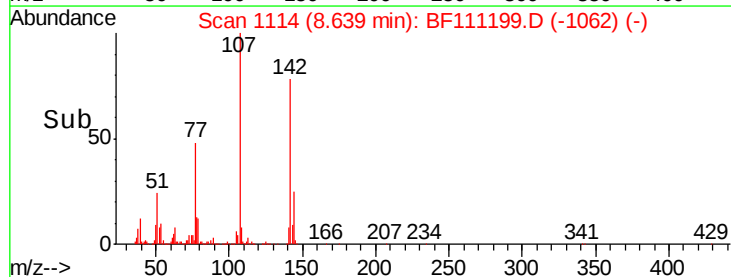
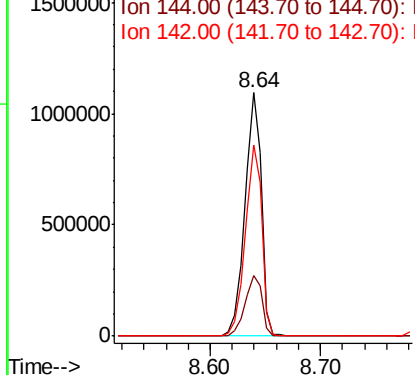


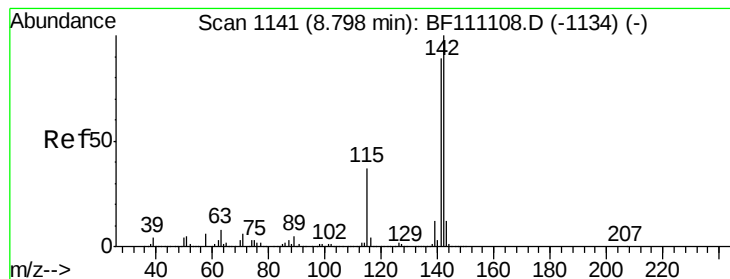
#36
4-Chloro-3-methylphenol
Concen: 42.727 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:107 Resp: 1149041
Ion Ratio Lower Upper
107 100
144 24.9 19.9 29.9
142 78.5 61.4 92.0



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: 44.782 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

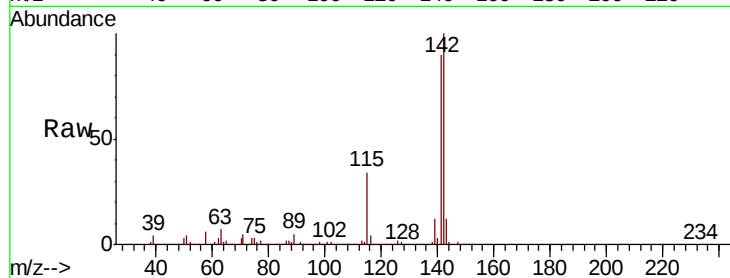
Tgt Ion:142 Resp: 2319495

Ion Ratio Lower Upper

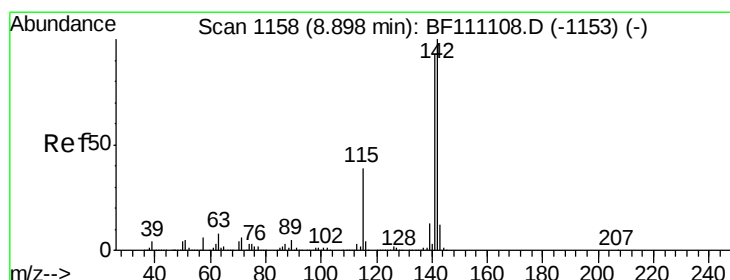
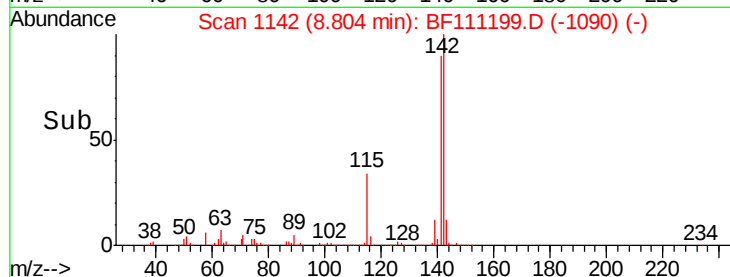
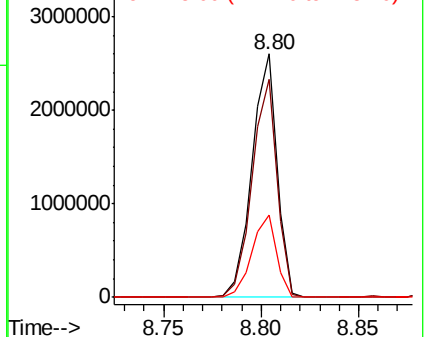
142 100

141 89.6 71.4 107.0

115 34.0 29.2 43.8



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: 43.445 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

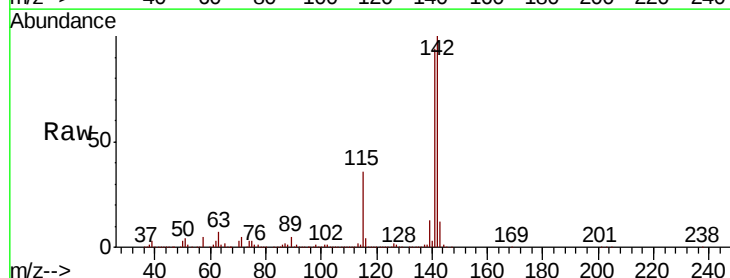
Tgt Ion:142 Resp: 2163451

Ion Ratio Lower Upper

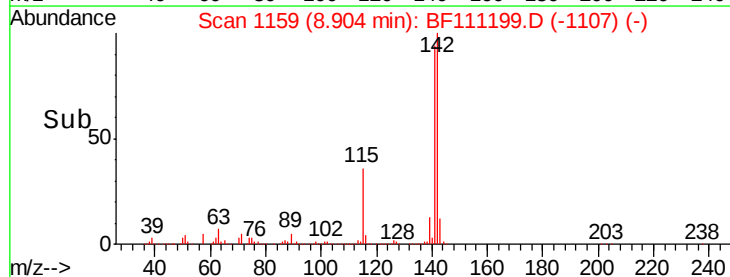
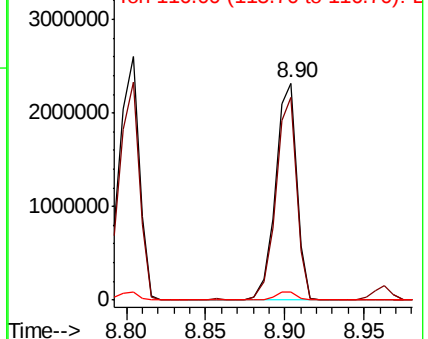
142 100

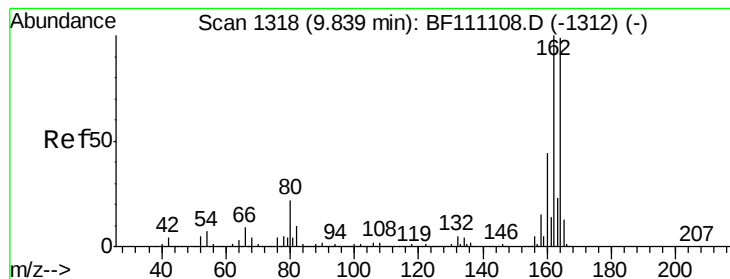
141 93.5 74.5 111.7

116 3.6 3.2 4.8



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: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

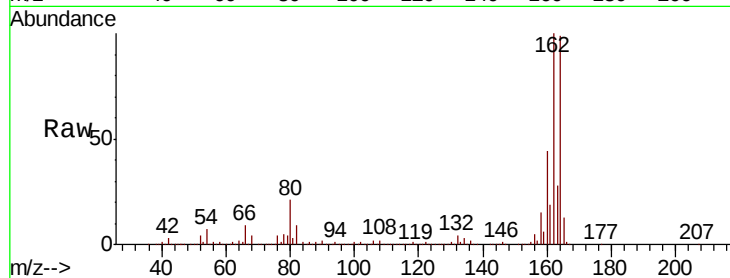
Tgt Ion:164 Resp: 828069

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.5 35.5 53.3

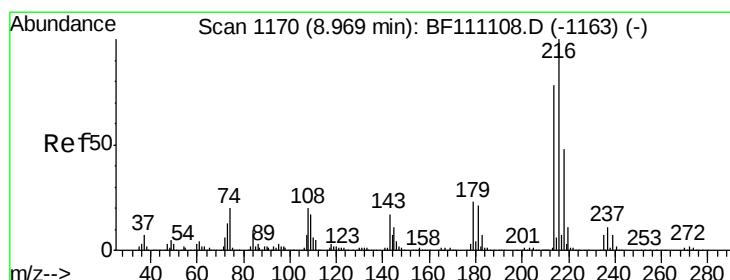
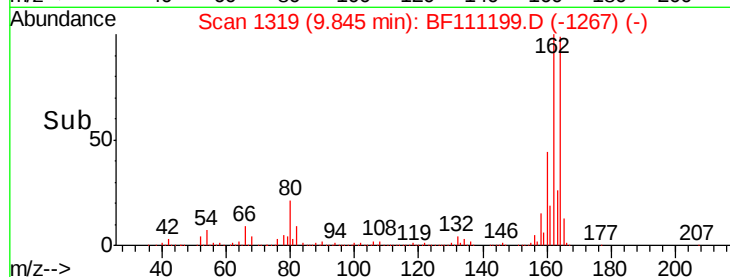
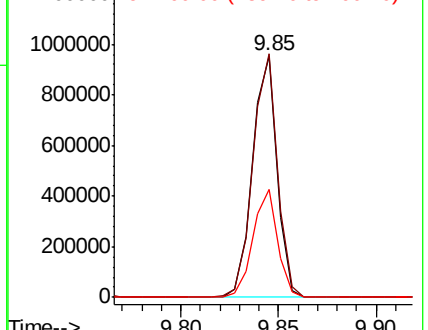


Abundance

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: 39.719 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tgt Ion:216 Resp: 876585

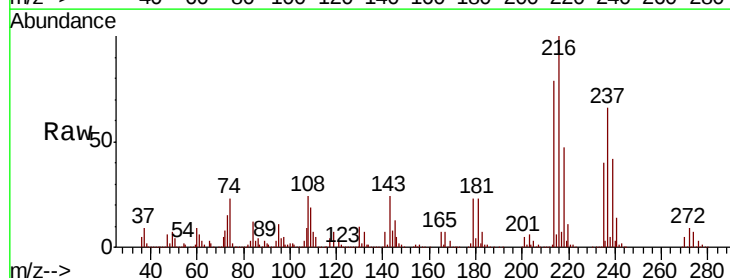
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.4 18.5 27.7

108 24.7 19.1 28.7



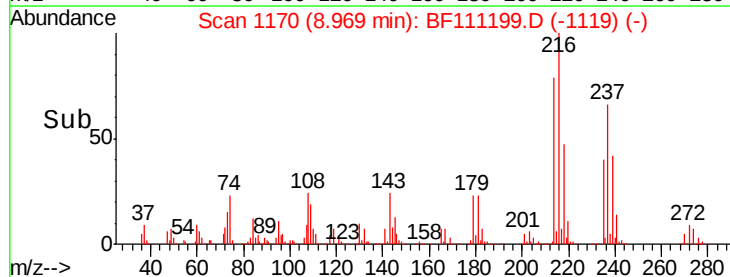
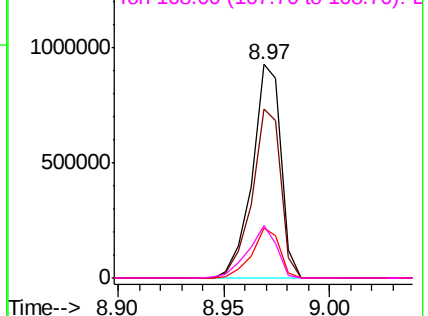
Abundance

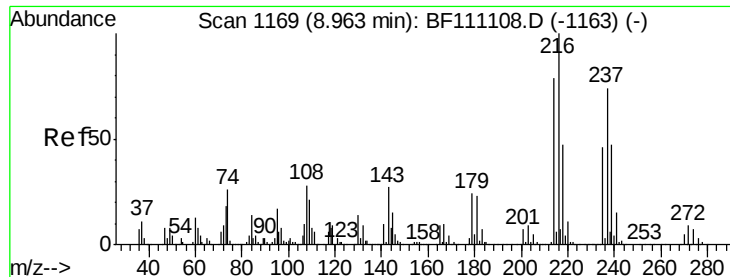
Ion 216.00 (215.70 to 216.70): E

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: 81.039 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

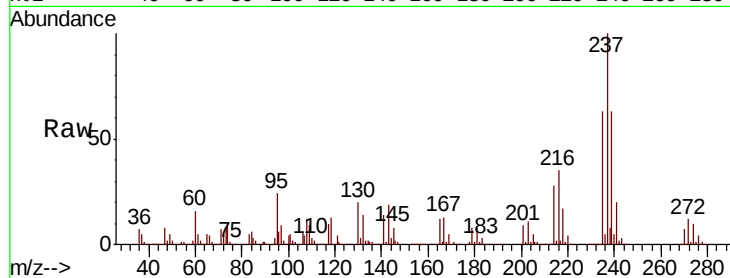
Tgt Ion:237 Resp: 943063

Ion Ratio Lower Upper

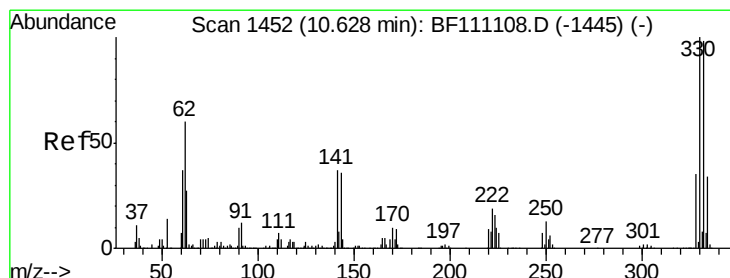
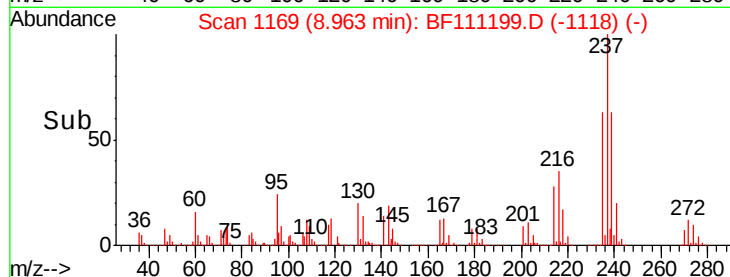
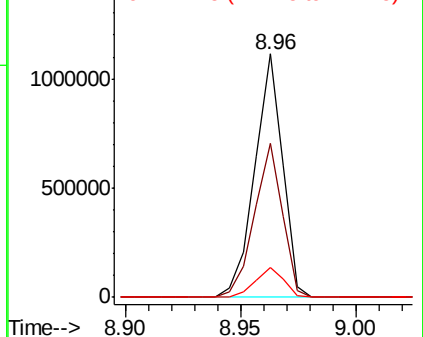
237 100

235 63.3 41.9 81.9

272 12.4 0.0 32.7



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: 110.776 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

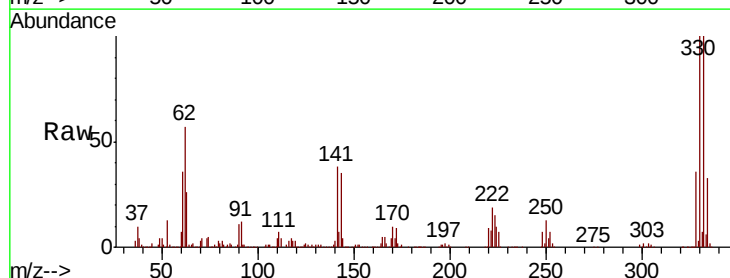
Tgt Ion:330 Resp: 729152

Ion Ratio Lower Upper

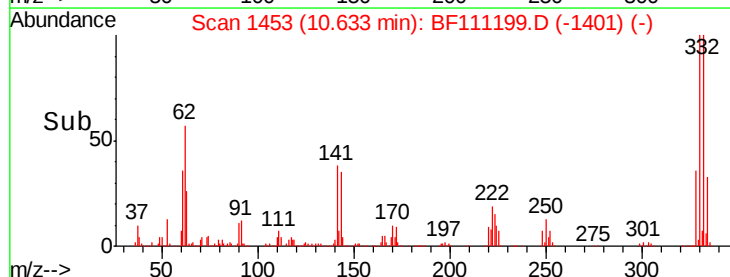
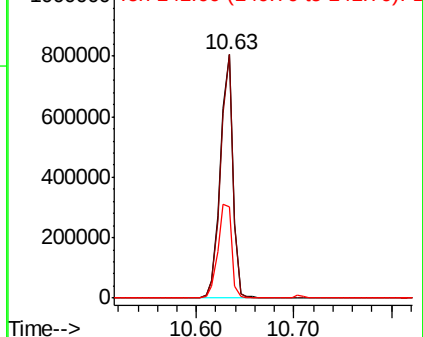
330 100

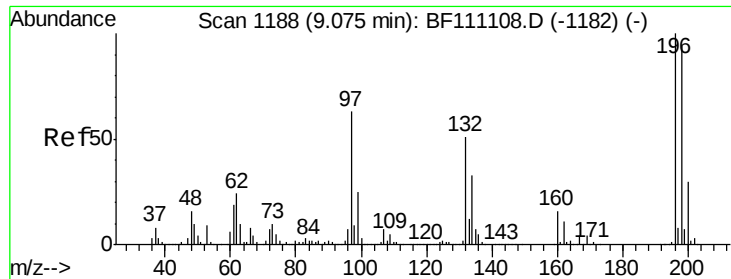
332 97.6 77.2 115.8

141 42.0 36.1 54.1



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

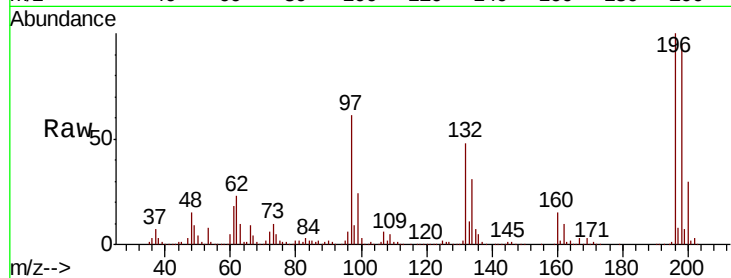




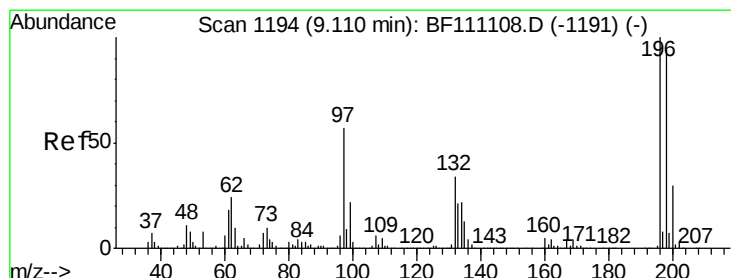
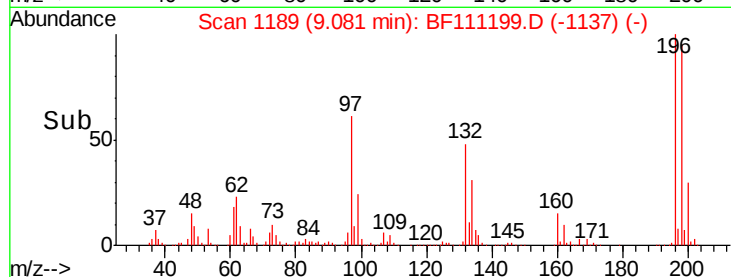
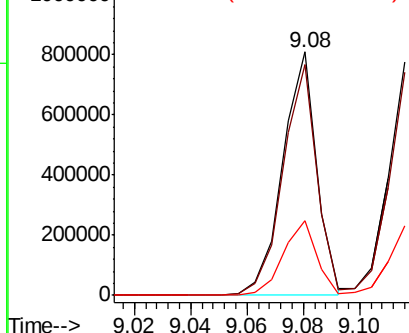
#43
 2,4,6-Trichlorophenol
 Concen: 41.879 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion:196 Resp: 675037
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.4 113.0
 200 30.5 24.2 36.4



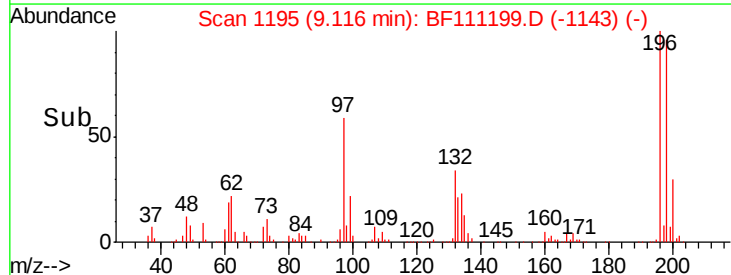
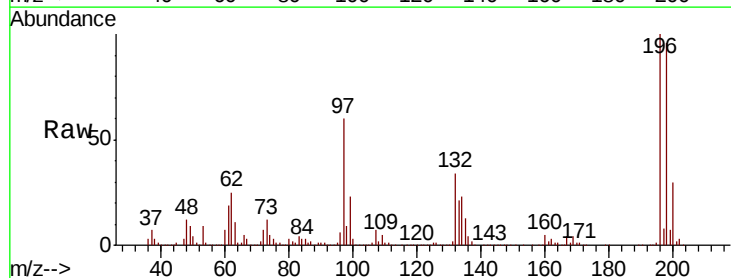
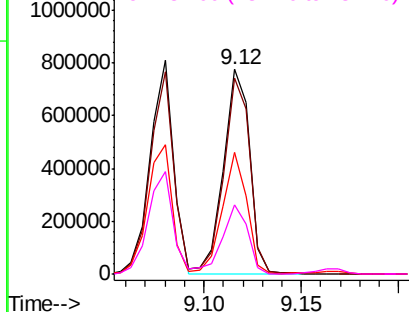
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

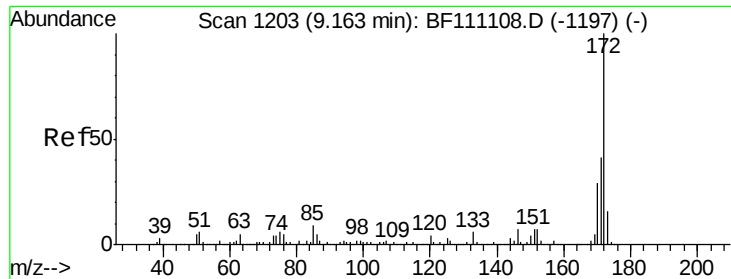


#44
 2,4,5-Trichlorophenol
 Concen: 44.198 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion:196 Resp: 722188
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.4
 97 59.5 46.2 69.4
 132 33.9 27.2 40.8

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

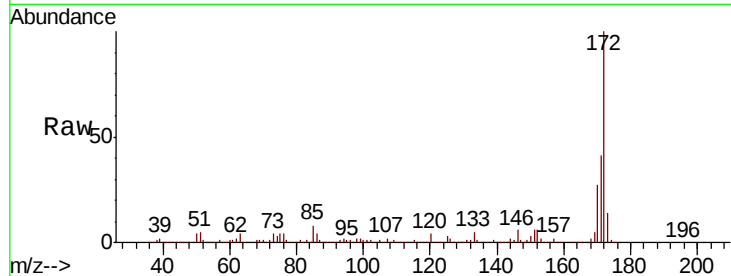




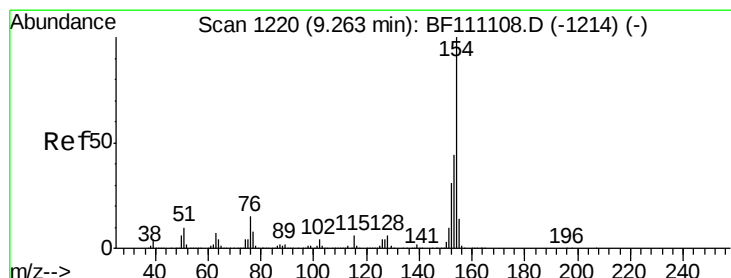
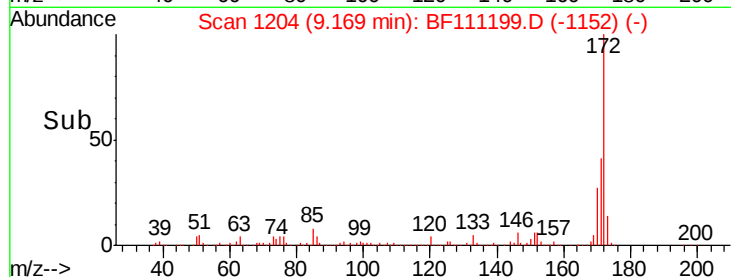
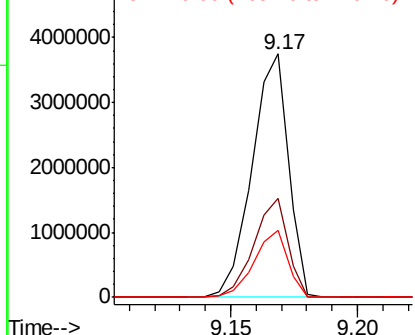
#45
2-Fluorobiphenyl
Concen: 84.073 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:172 Resp: 3767985
Ion Ratio Lower Upper
172 100
171 40.6 33.2 49.8
170 27.3 22.9 34.3

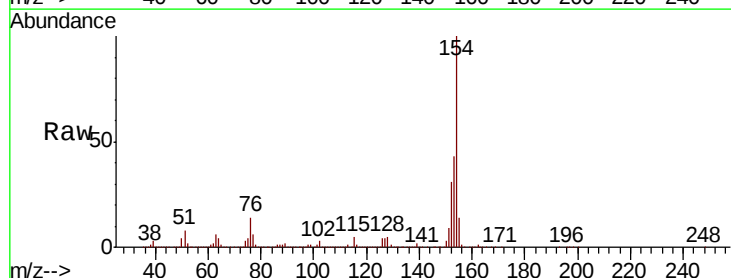


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

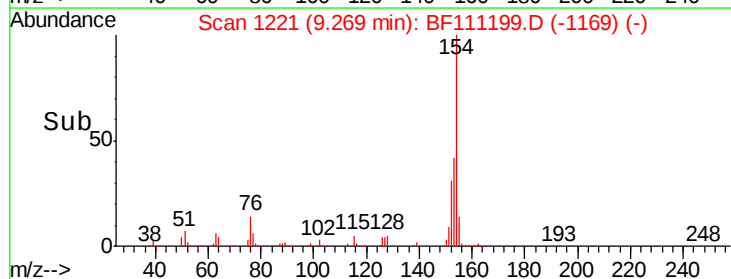
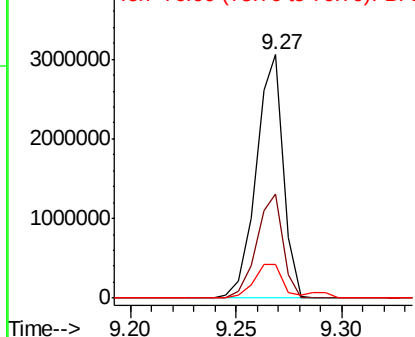


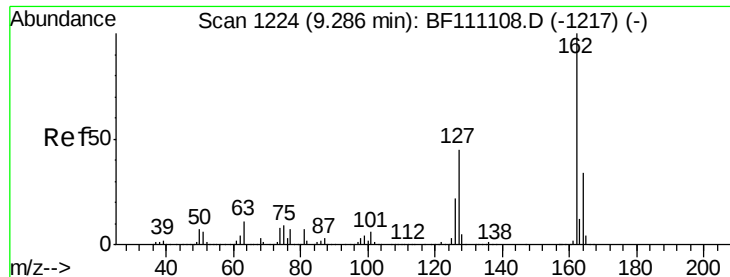
#46
1,1'-Biphenyl
Concen: 40.124 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:154 Resp: 2719891
Ion Ratio Lower Upper
154 100
153 42.6 23.7 63.7
76 13.7 0.0 35.0



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

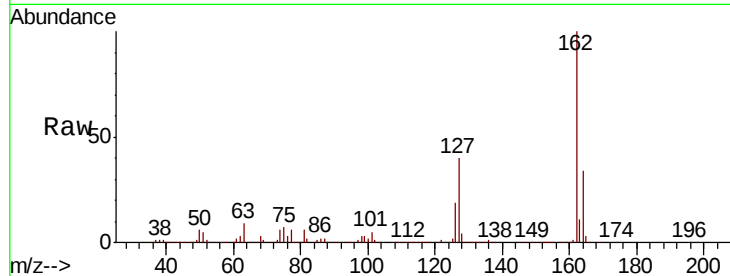




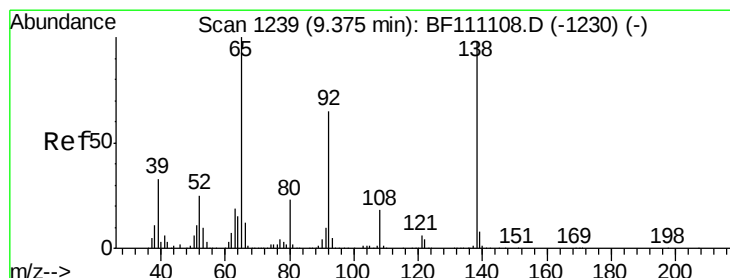
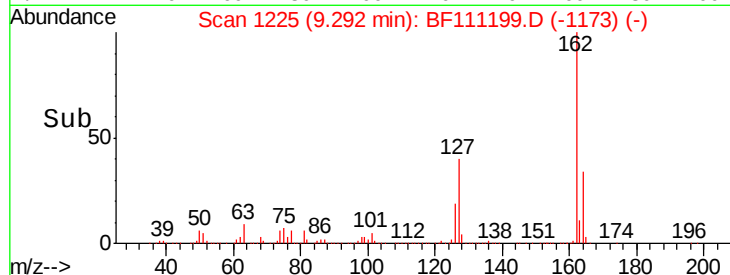
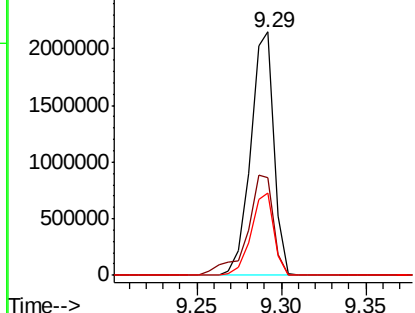
#47
 2-Chloronaphthalene
 Concen: 39.383 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion: 162 Resp: 2074499
 Ion Ratio Lower Upper
 162 100
 127 40.1 36.4 54.6
 164 33.8 27.3 40.9

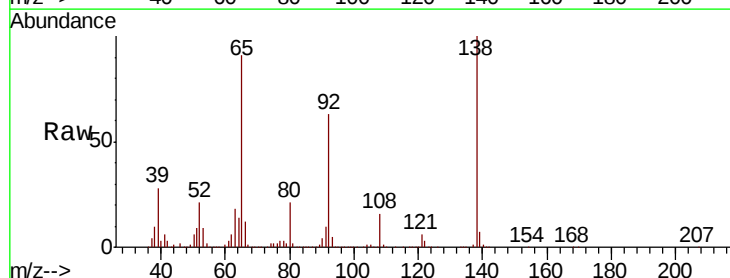


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

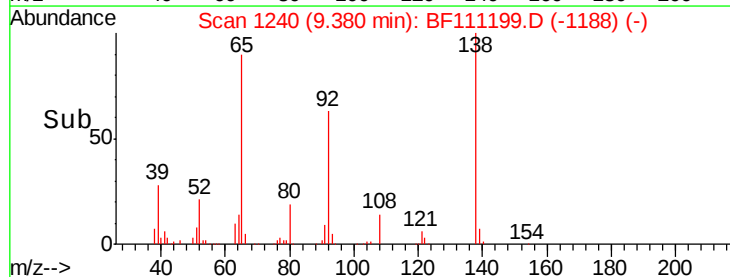
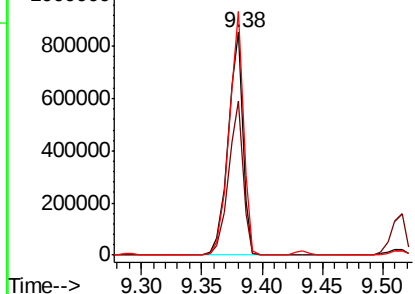


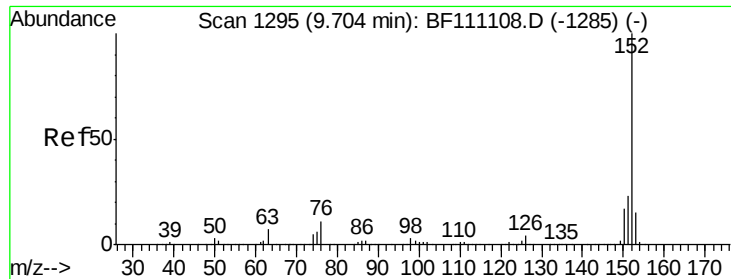
#48
 2-Nitroaniline
 Concen: 42.606 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion: 65 Resp: 727309
 Ion Ratio Lower Upper
 65 100
 92 69.0 52.1 78.1
 138 109.4 78.2 117.4



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: 43.909 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

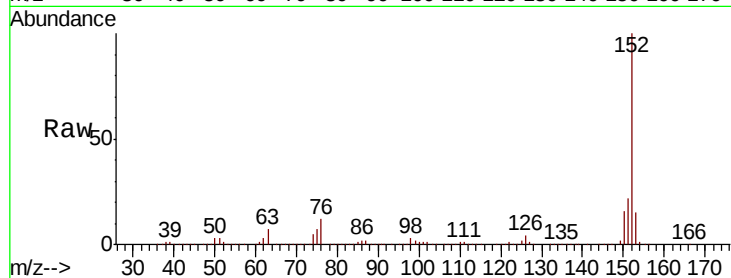
Tgt Ion:152 Resp: 3232997

Ion Ratio Lower Upper

152 100

151 22.2 18.3 27.5

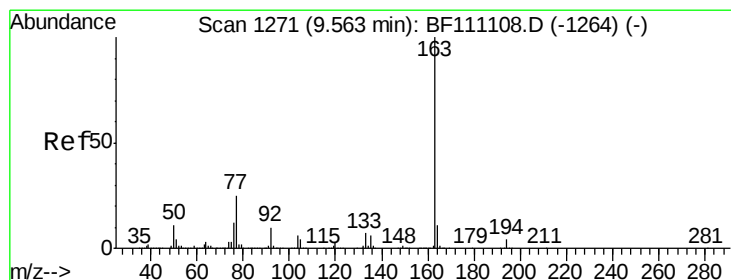
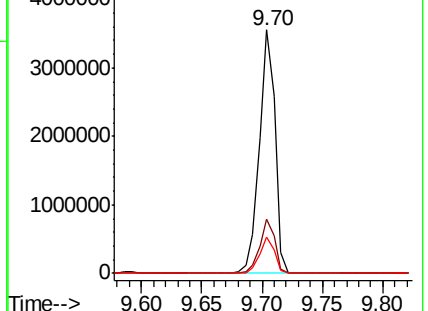
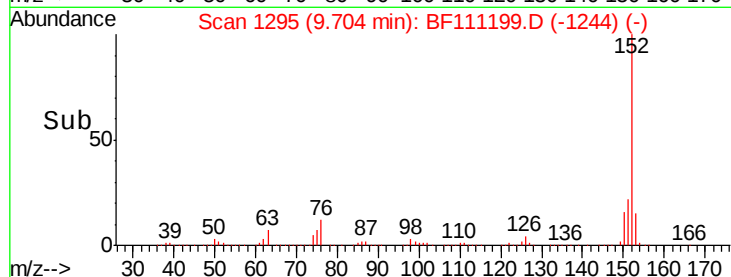
153 15.0 11.8 17.8



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: 48.994 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

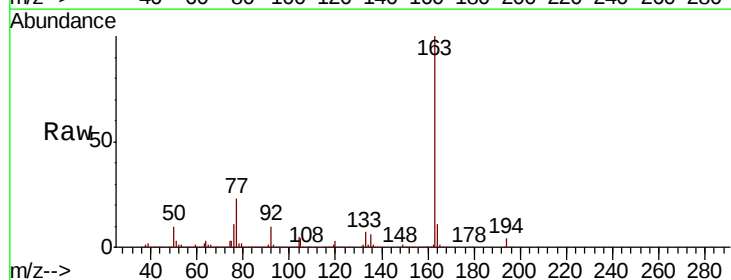
Tgt Ion:163 Resp: 2823554

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

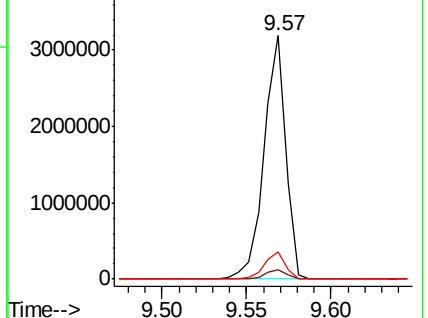
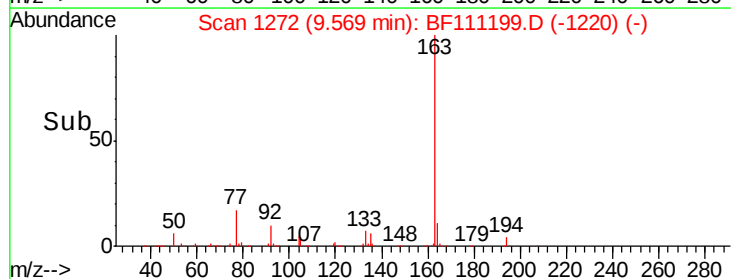
164 11.1 8.9 13.3

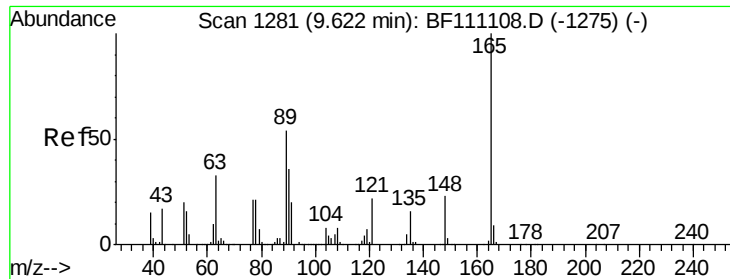


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

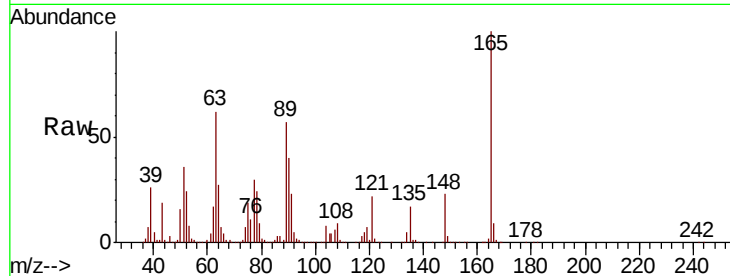




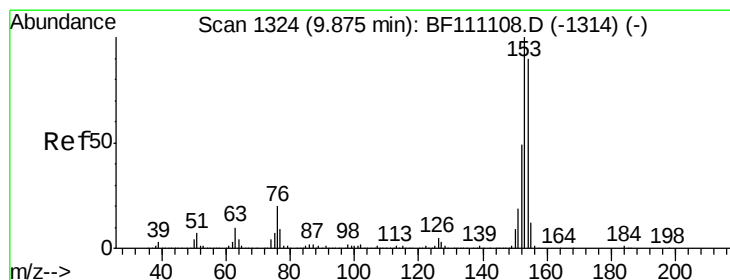
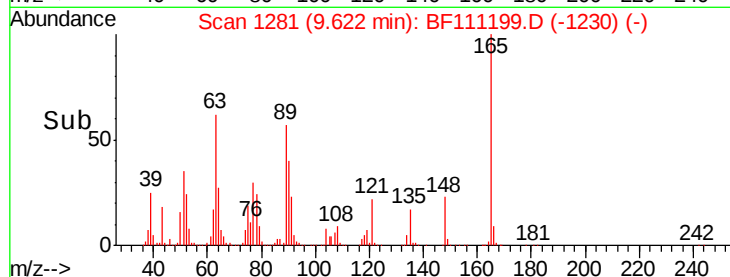
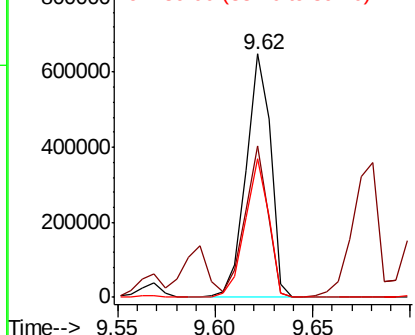
#51
2,6-Dinitrotoluene
Concen: 46.430 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:165 Resp: 567300
Ion Ratio Lower Upper
165 100
63 62.0 44.7 67.1
89 56.8 43.0 64.4

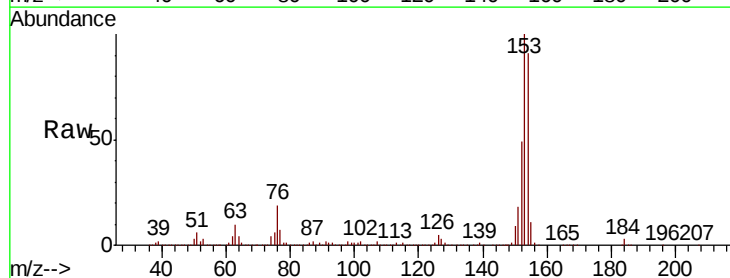


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

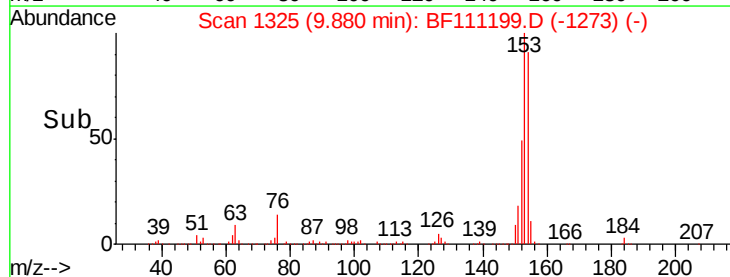
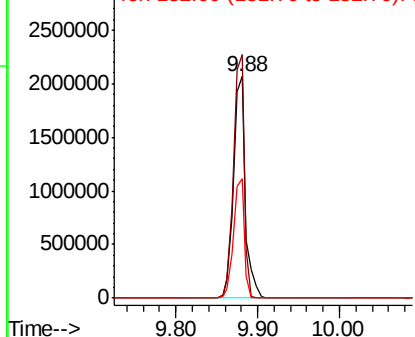


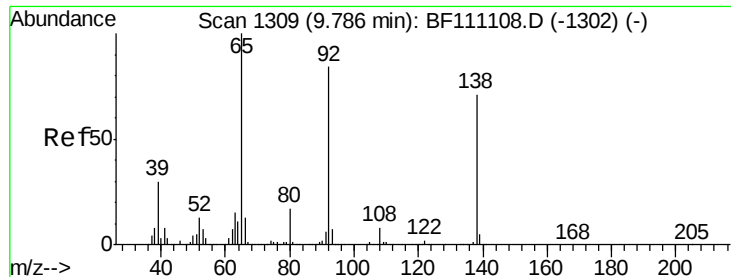
#52
Acenaphthene
Concen: 42.888 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:154 Resp: 2086200
Ion Ratio Lower Upper
154 100
153 110.0 88.7 133.1
152 54.2 43.8 65.8



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

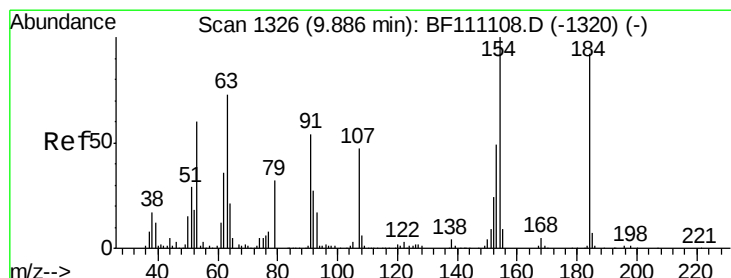
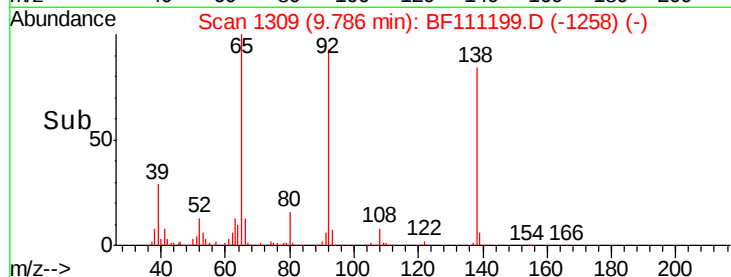
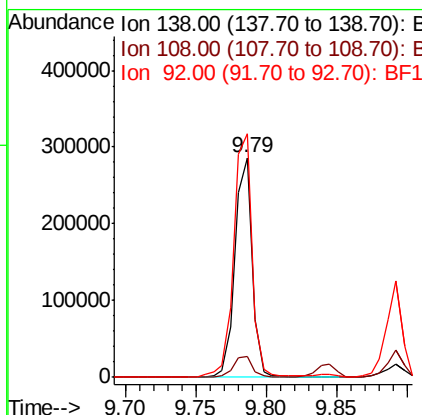
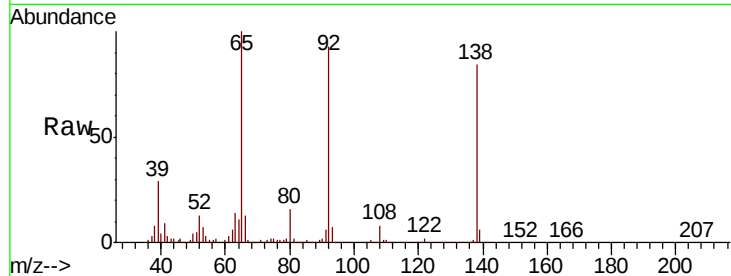




#53
 3-Nitroaniline
 Concen: 16.036 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

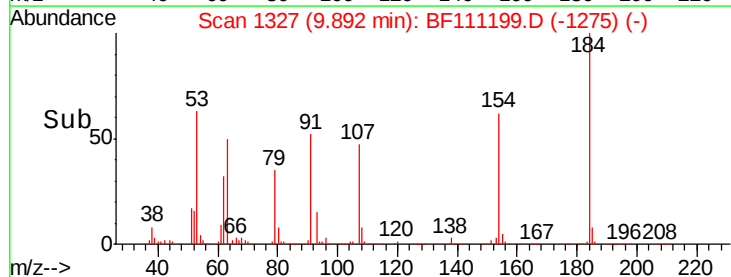
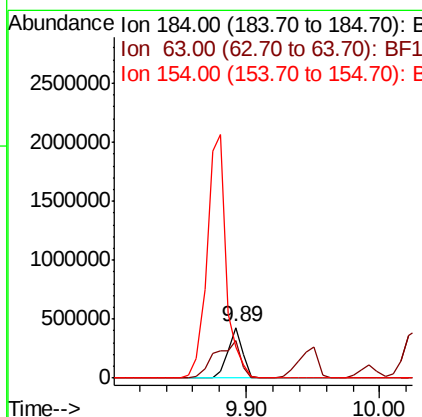
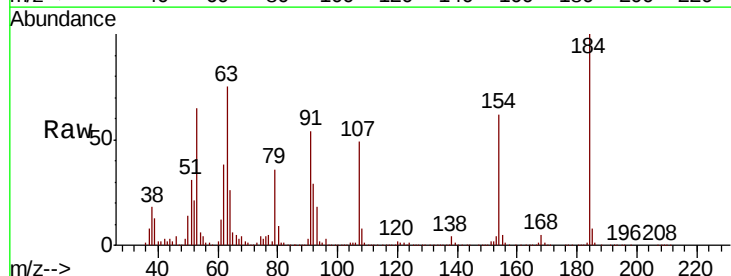
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

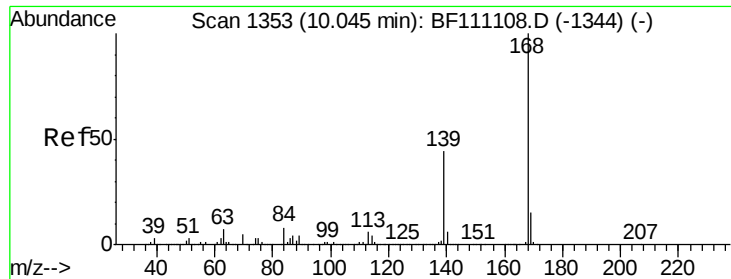
Tgt Ion:138 Resp: 246119
 Ion Ratio Lower Upper
 138 100
 108 9.3 9.4 14.0#
 92 110.9 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 86.338 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion:184 Resp: 336462
 Ion Ratio Lower Upper
 184 100
 63 74.9 64.2 96.4
 154 62.3 89.5 134.3#

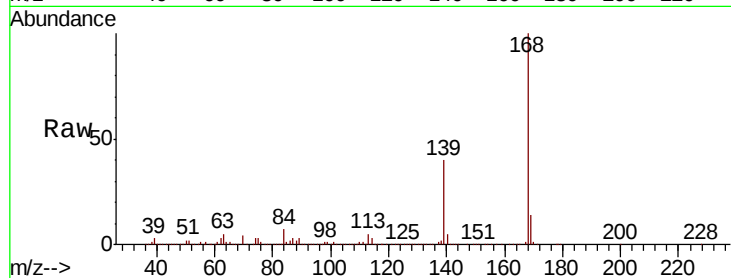




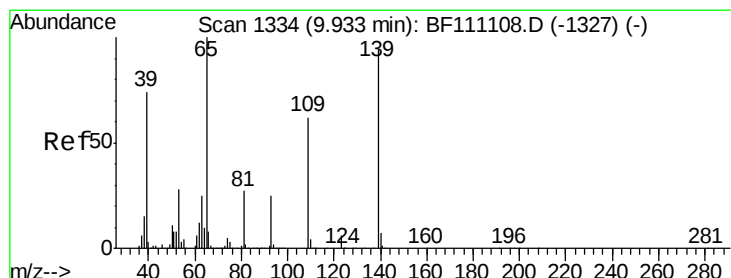
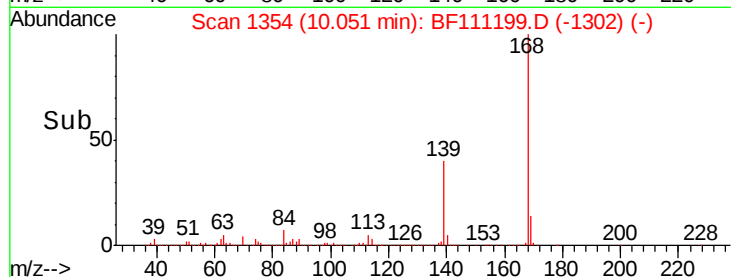
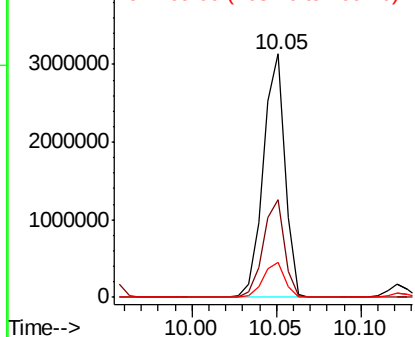
#55
Dibenzofuran
Concen: 41.638 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:168 Resp: 2789720
Ion Ratio Lower Upper
168 100
139 39.9 35.1 52.7
169 14.2 12.2 18.4

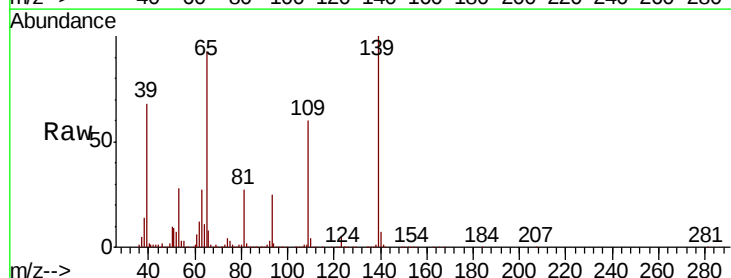


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

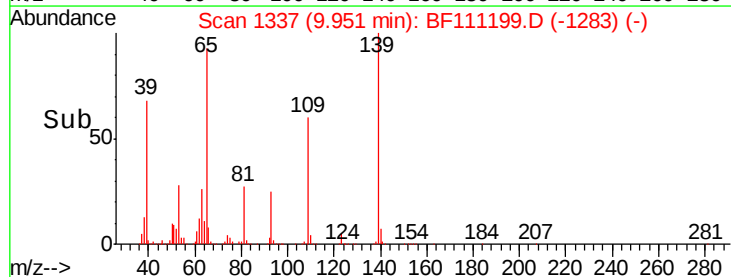
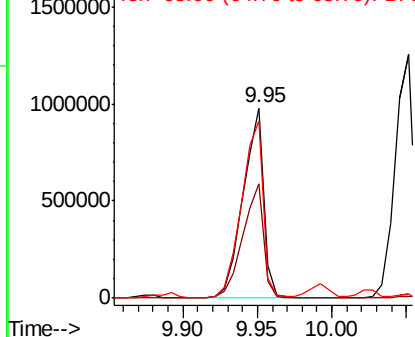


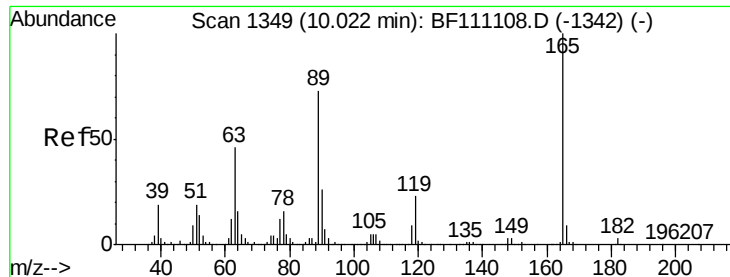
#56
4-Nitrophenol
Concen: 81.100 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:139 Resp: 937963
Ion Ratio Lower Upper
139 100
109 60.4 46.1 86.1
65 93.4 87.0 127.0



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

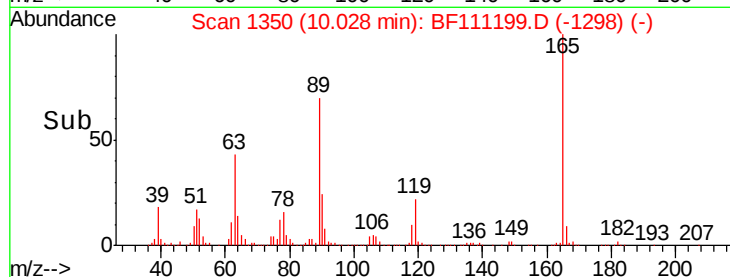
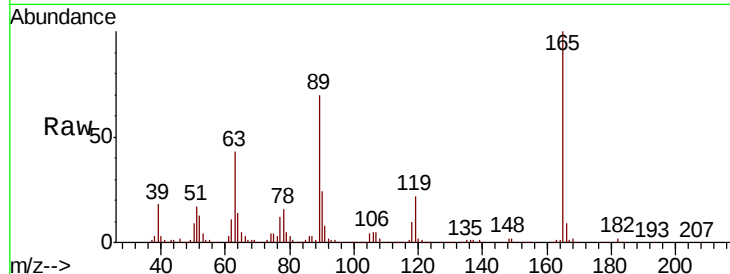




#57
2,4-Dinitrotoluene
Concen: 47.736 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	36.7	55.1
89	70.3	58.4	87.6
182	2.3	2.1	3.1

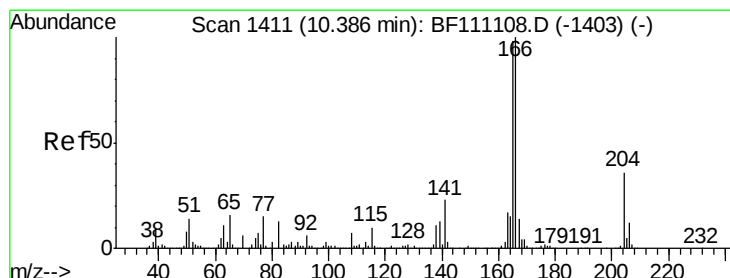
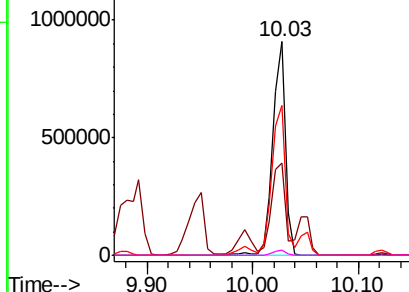


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

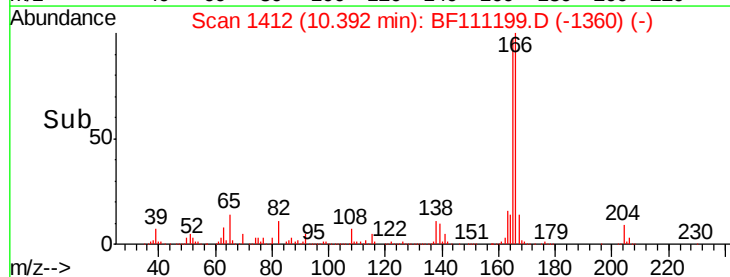
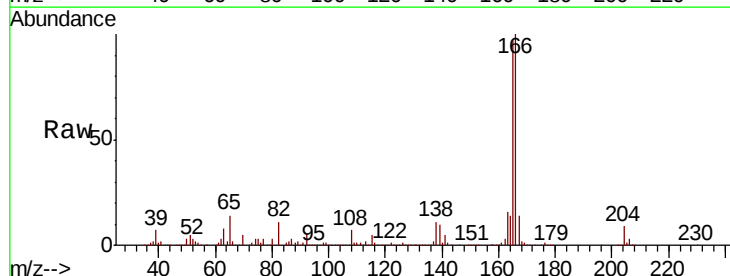
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.106 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

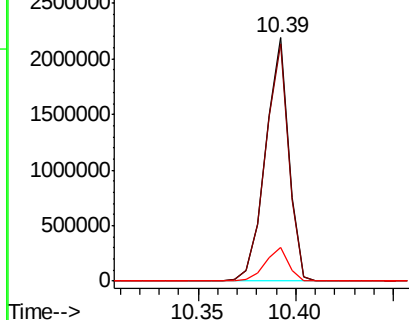
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.8	11.4	17.2

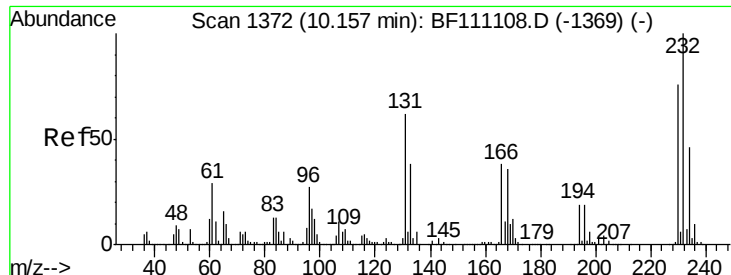


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

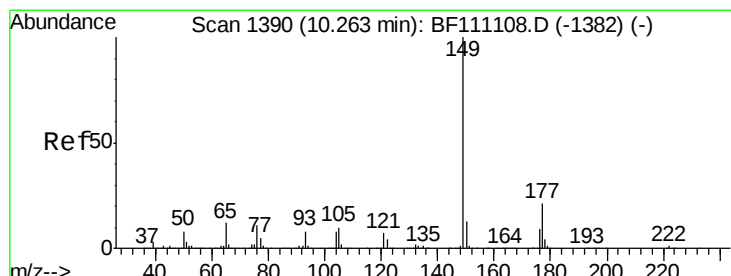
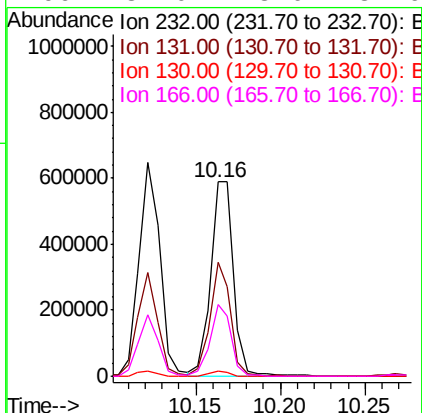
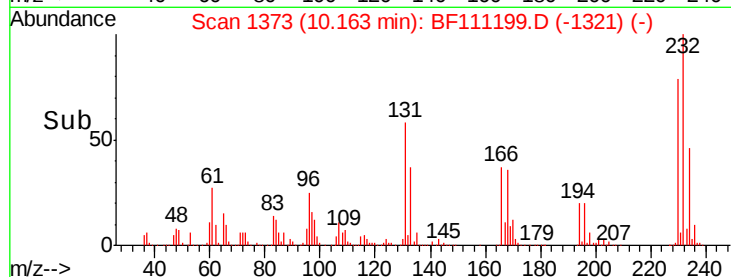
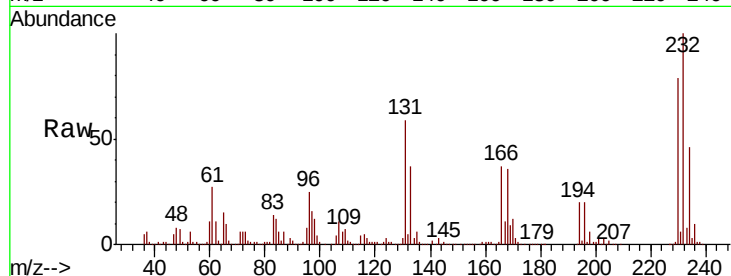




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.649 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

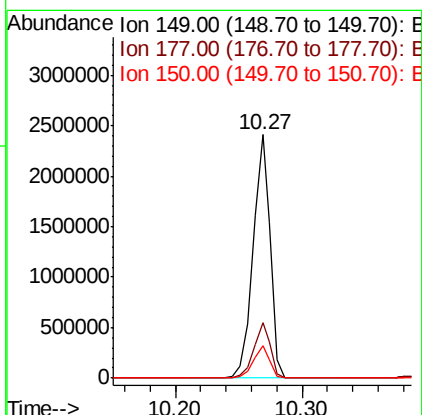
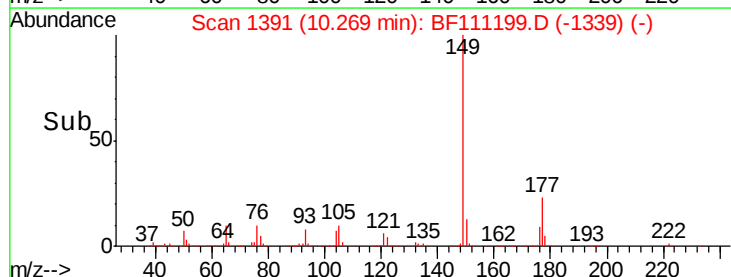
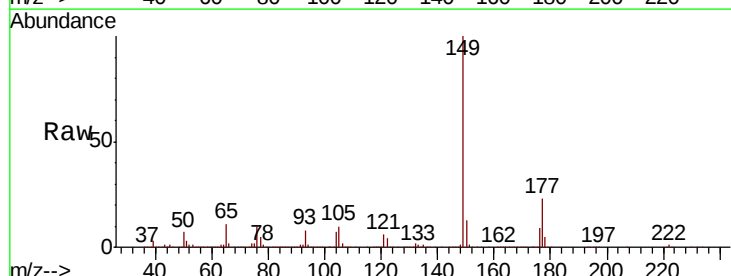
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

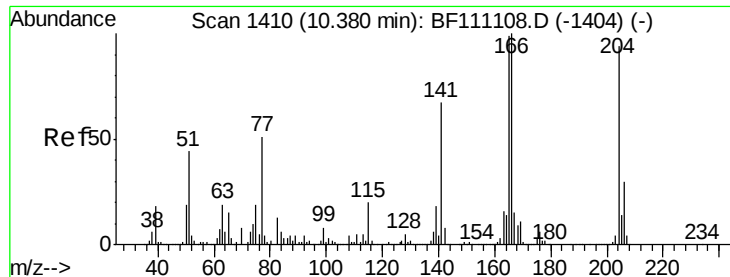
Tgt Ion:232 Resp: 556703
Ion Ratio Lower Upper
232 100
131 52.6 40.4 60.6
130 2.6 2.1 3.1
166 34.0 23.0 34.6



#60
Diethylphthalate
Concen: 39.311 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:149 Resp: 2264042
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 13.2 10.5 15.7

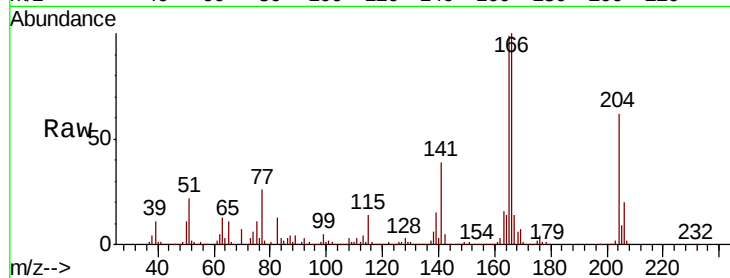




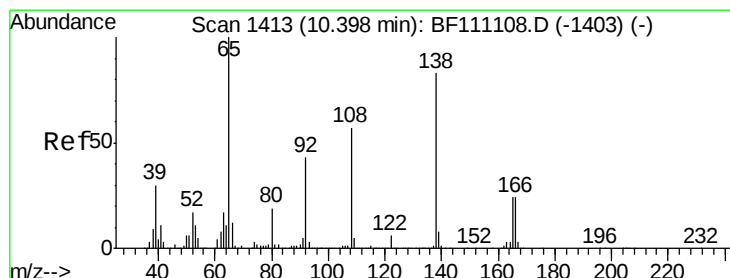
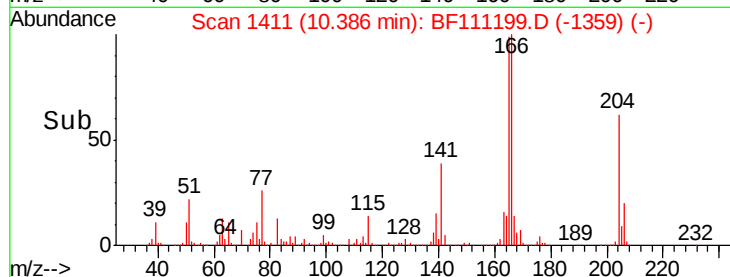
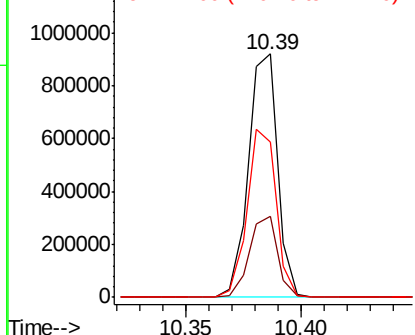
#61
4-Chlorophenyl-phenylether
Concen: 34.992 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion: 204 Resp: 814745
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 63.9 57.4 86.0

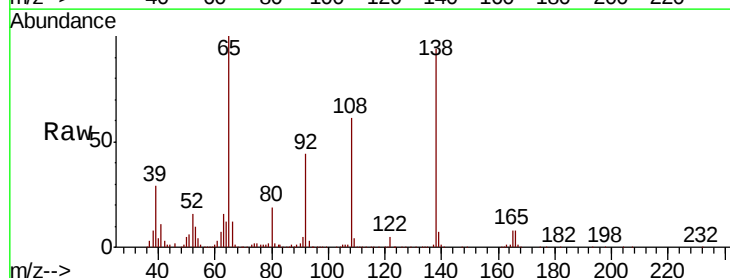


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

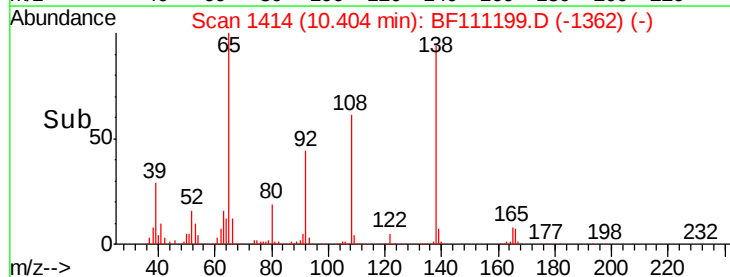
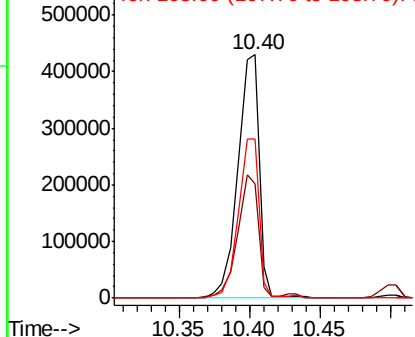


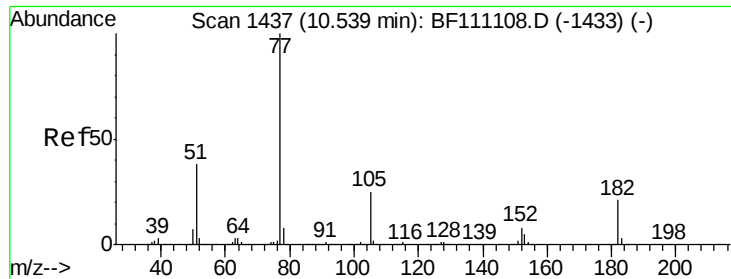
#62
4-Nitroaniline
Concen: 32.872 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 138 Resp: 455339
Ion Ratio Lower Upper
138 100
92 47.1 31.6 71.6
108 65.2 48.3 88.3



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

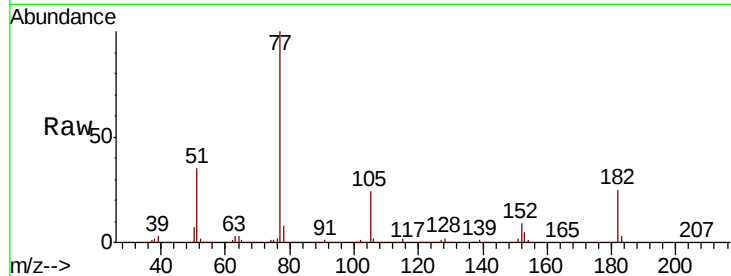




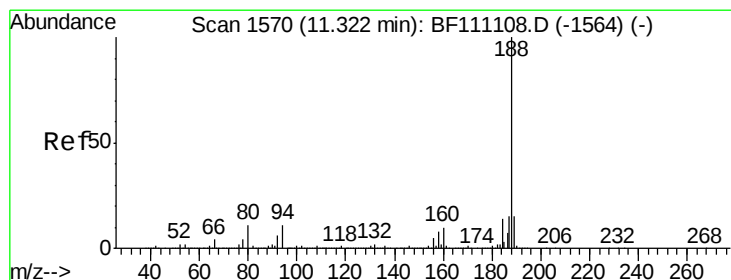
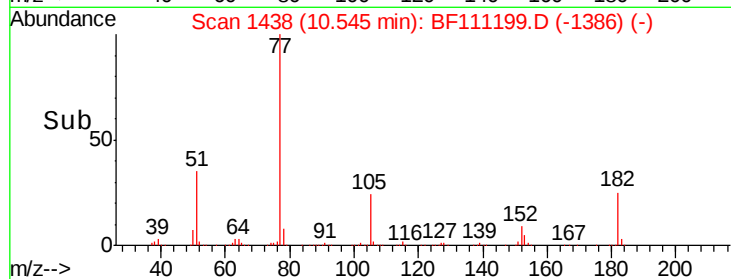
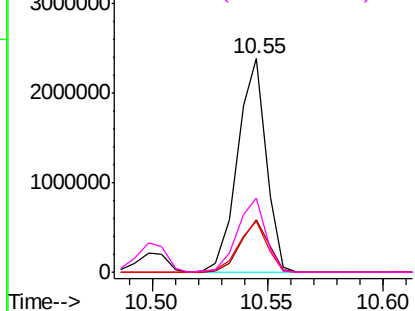
#63
Azobenzene
Concen: 33.587 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion: 77 Resp: 2059434
Ion Ratio Lower Upper
77 100
182 24.7 1.4 41.4
105 24.0 4.7 44.7
51 34.6 18.0 58.0

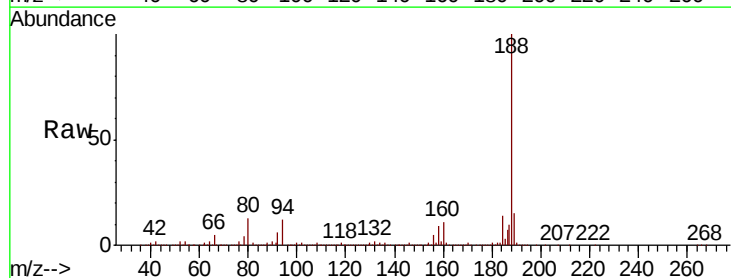


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

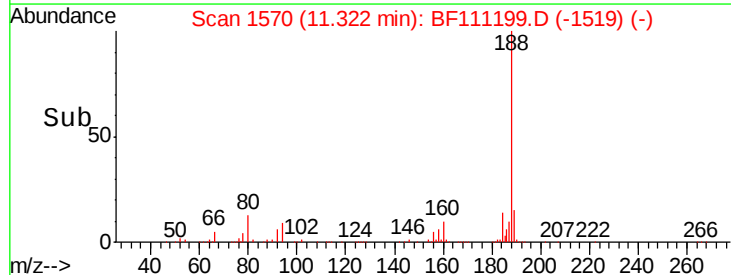
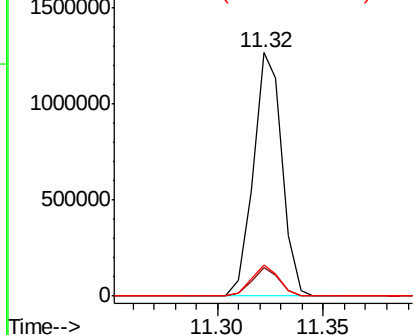


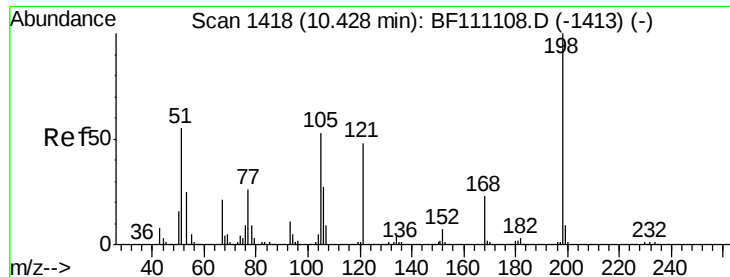
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 188 Resp: 1194402
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.870 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

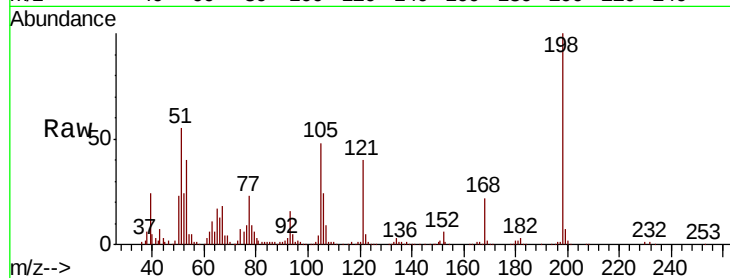
Tgt Ion:198 Resp: 236216

Ion Ratio Lower Upper

198 100

51 54.8 48.8 88.8

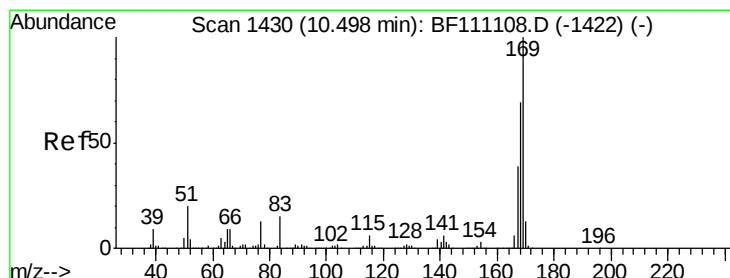
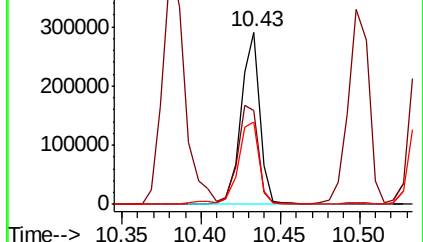
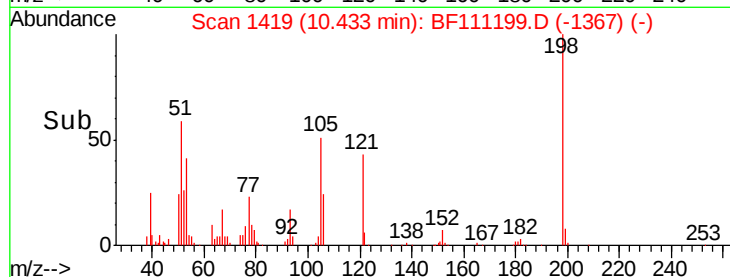
105 47.6 35.2 75.2



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: 40.130 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

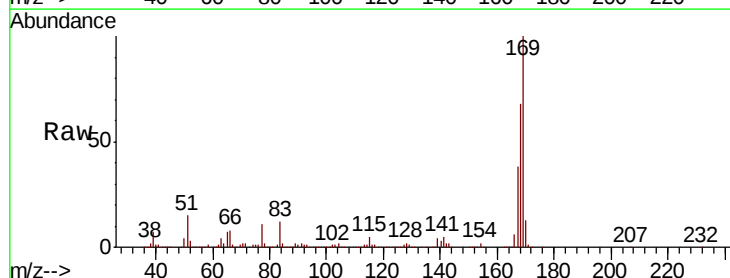
Tgt Ion:169 Resp: 1678322

Ion Ratio Lower Upper

169 100

168 68.0 55.4 83.2

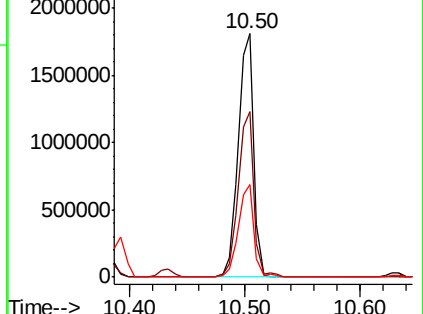
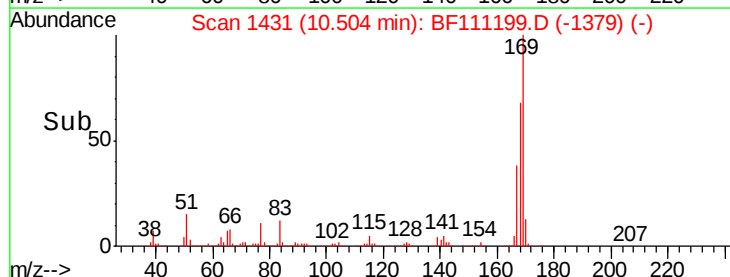
167 38.0 31.1 46.7

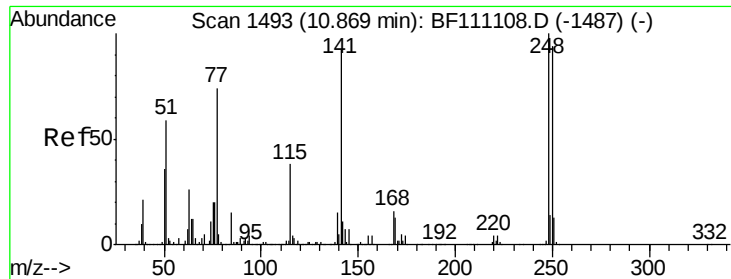


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

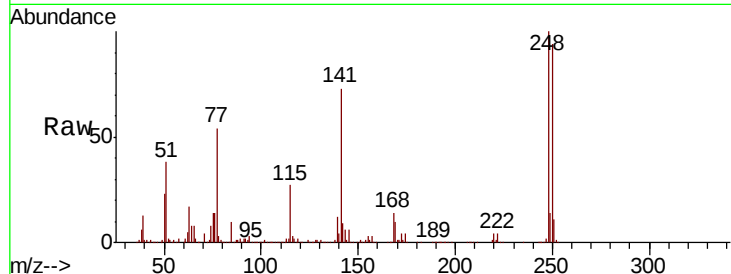




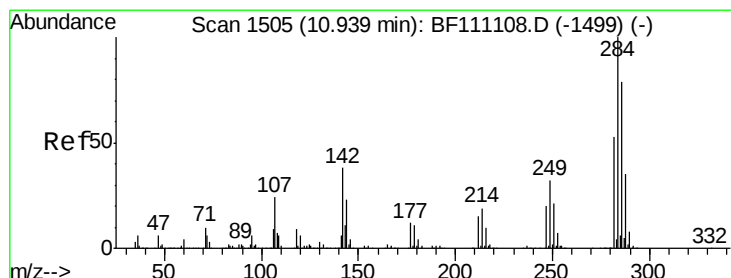
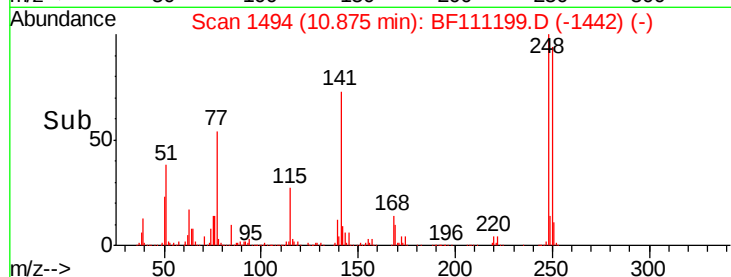
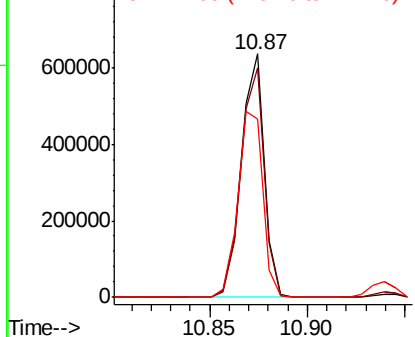
#67
4-Bromophenyl-phenylether
Concen: 41.003 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:248 Resp: 518422
Ion Ratio Lower Upper
248 100
250 94.1 75.4 113.0
141 73.2 73.8 110.6#

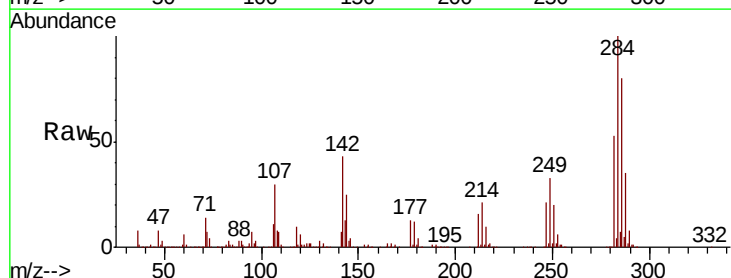


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

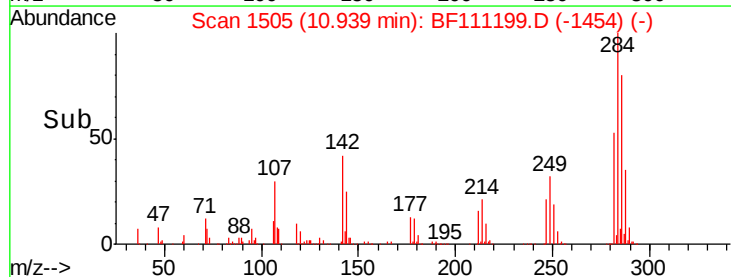
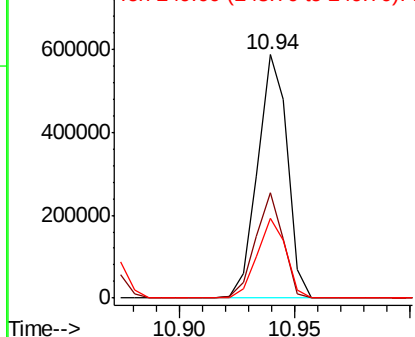


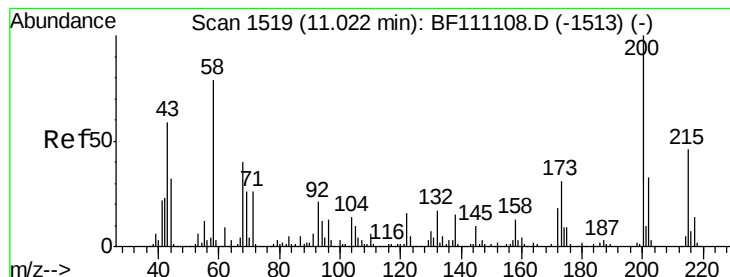
#68
Hexachlorobenzene
Concen: 40.938 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:284 Resp: 529255
Ion Ratio Lower Upper
284 100
142 43.4 30.2 45.2
249 32.7 25.3 37.9



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

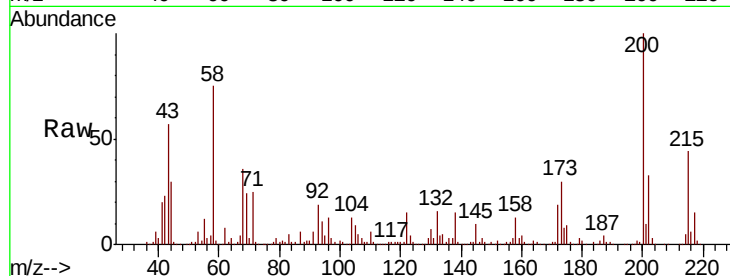




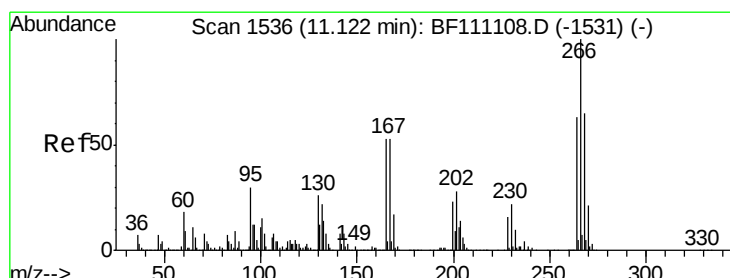
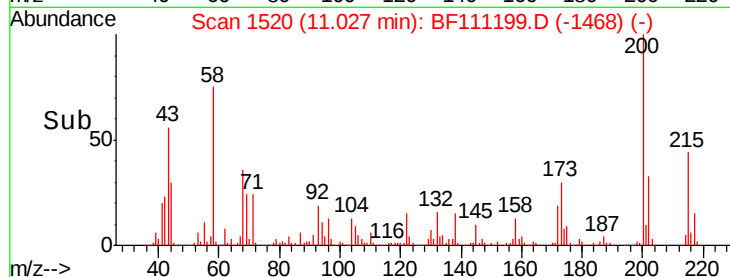
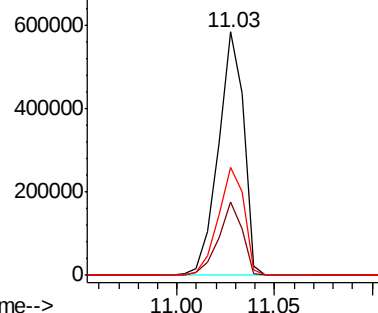
#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	11.3	51.3
215	44.5	25.9	65.9

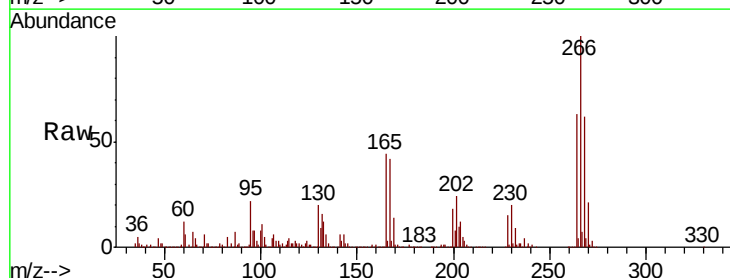


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

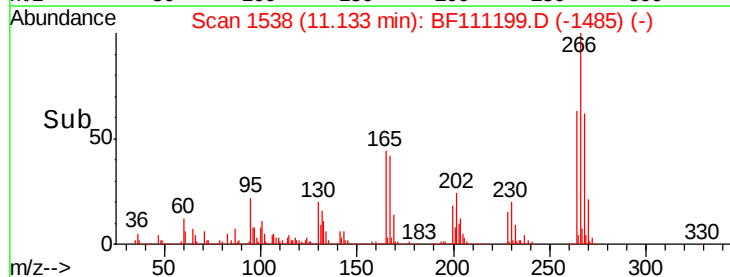
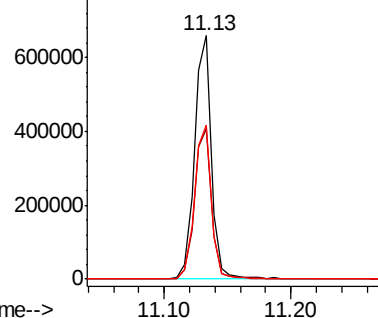


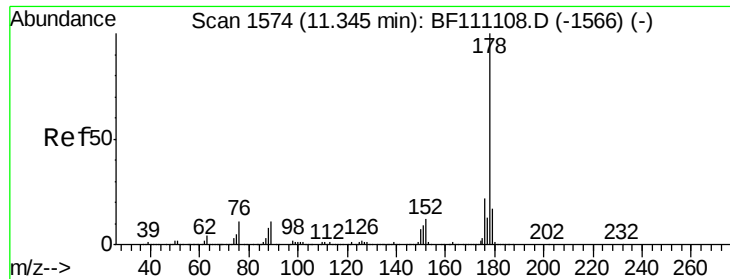
#70
 Pentachlorophenol
 Concen: 72.478 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.2	78.4
264	63.1	50.8	76.2



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

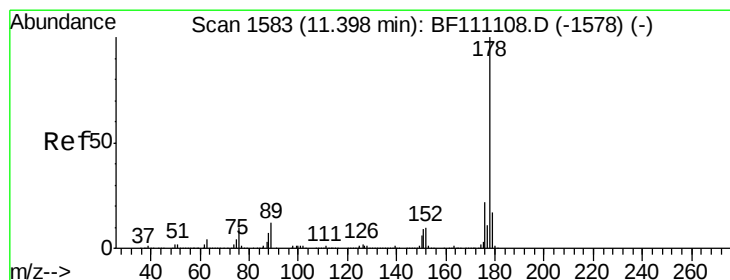
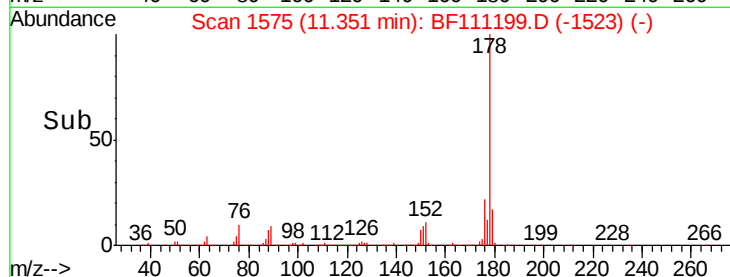
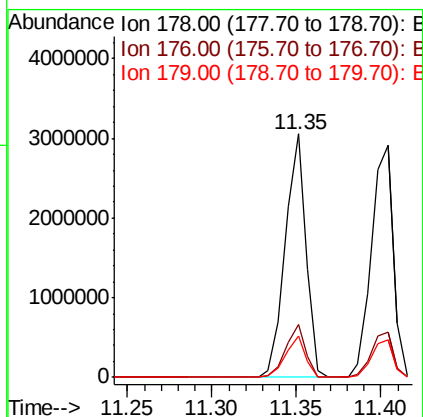
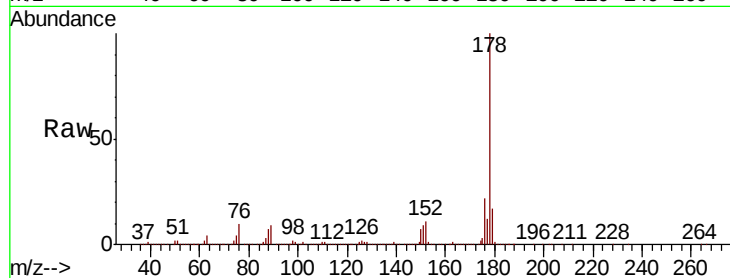




#71
Phenanthrene
Concen: 45.604 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

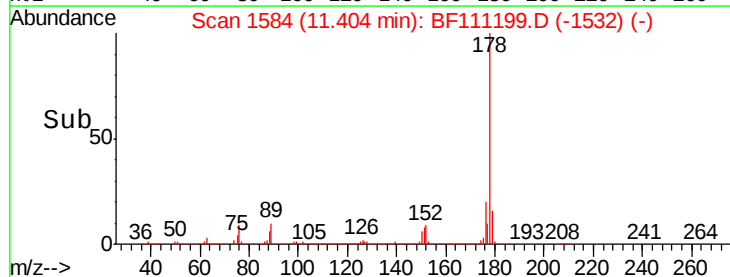
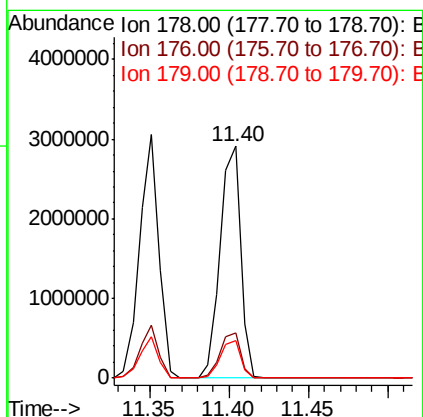
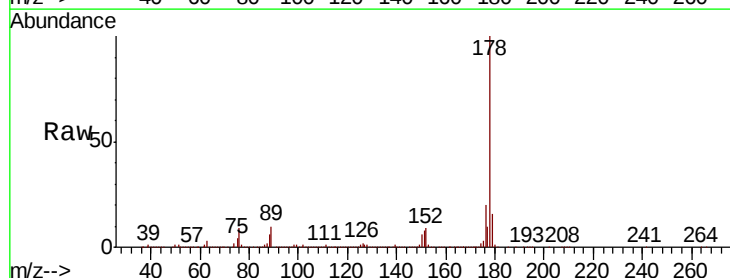
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

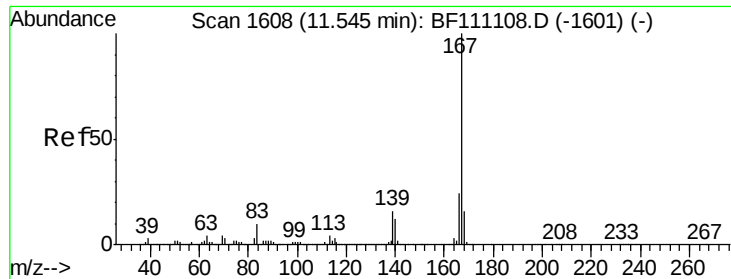
Tgt Ion:178 Resp: 2620095
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 16.8 14.0 21.0



#72
Anthracene
Concen: 45.468 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:178 Resp: 2633173
Ion Ratio Lower Upper
178 100
176 19.7 17.3 25.9
179 16.1 13.8 20.8

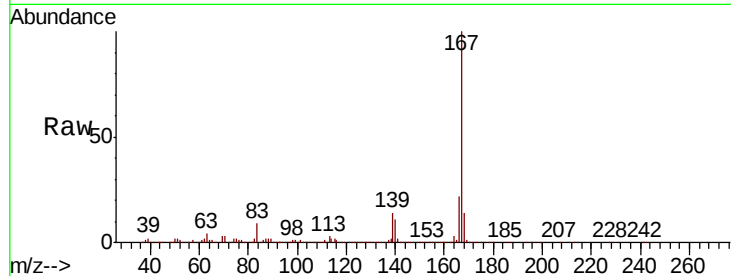




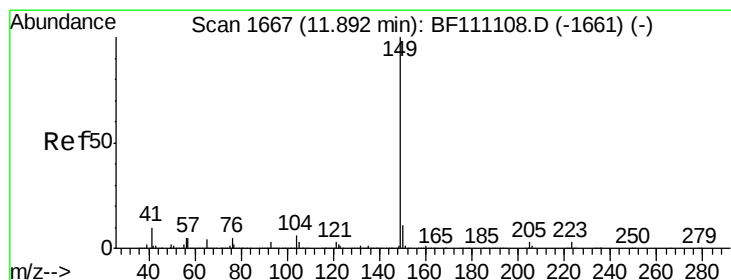
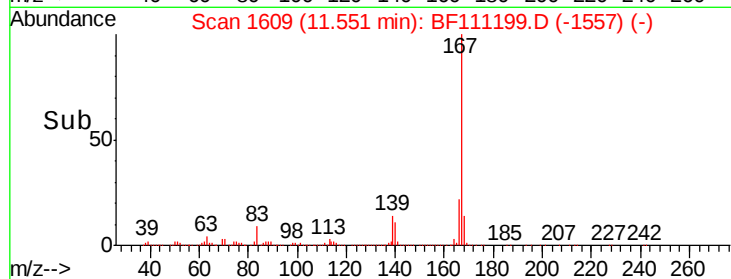
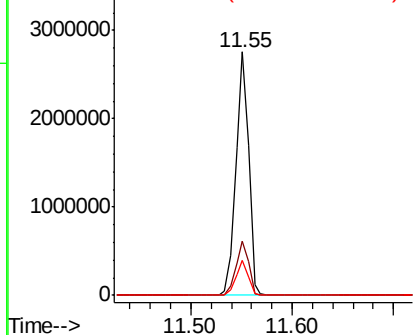
#73
 Carbazole
 Concen: 39.928 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tgt Ion:167 Resp: 2406074
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.4 29.0
 139 14.2 12.6 18.8

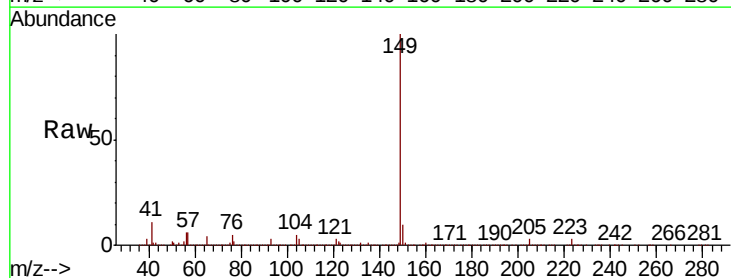


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

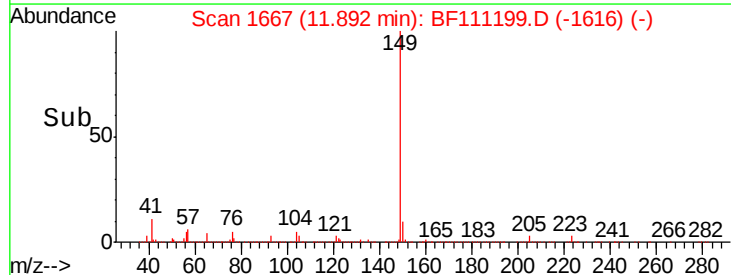
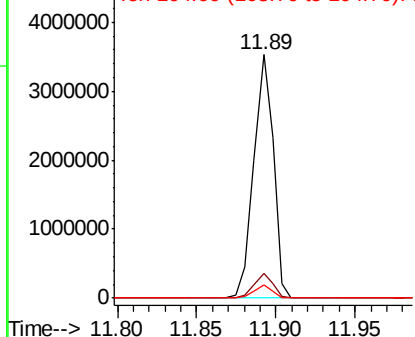


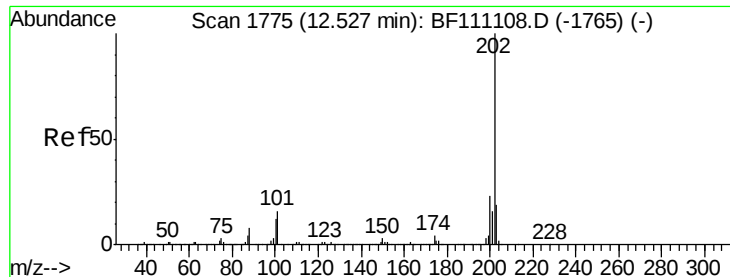
#74
 Di-n-butylphthalate
 Concen: 42.827 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion:149 Resp: 3020946
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.6 12.8
 104 5.5 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.311 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

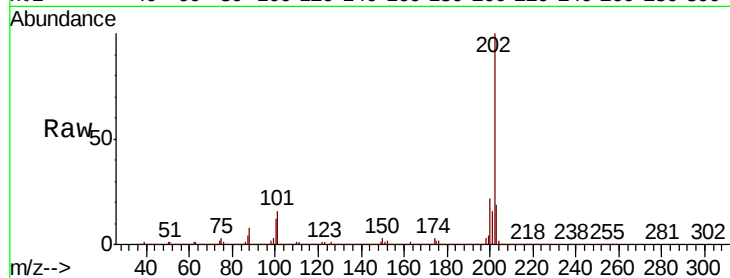
Tgt Ion:202 Resp: 2828454

Ion Ratio Lower Upper

202 100

101 15.8 0.0 35.8

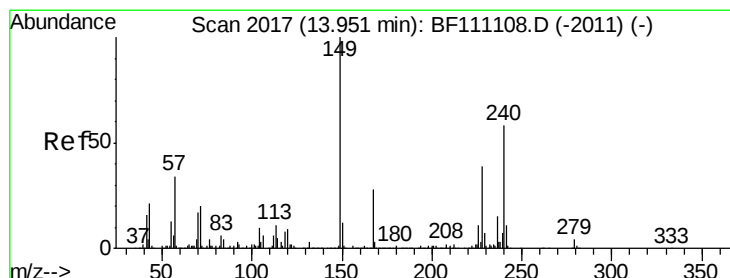
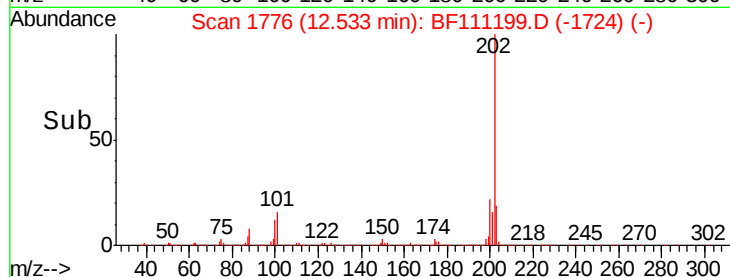
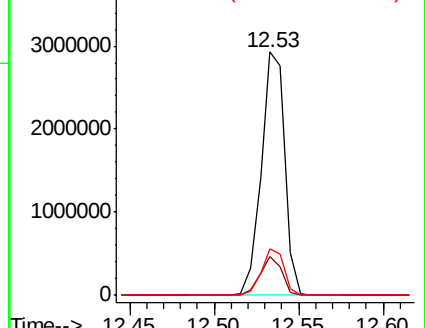
203 19.0 0.0 38.6



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

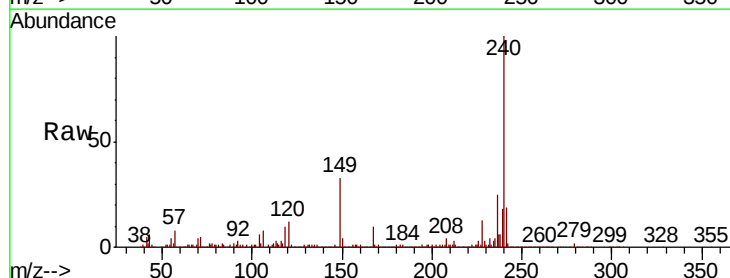
Tgt Ion:240 Resp: 638867

Ion Ratio Lower Upper

240 100

120 11.9 12.8 19.2#

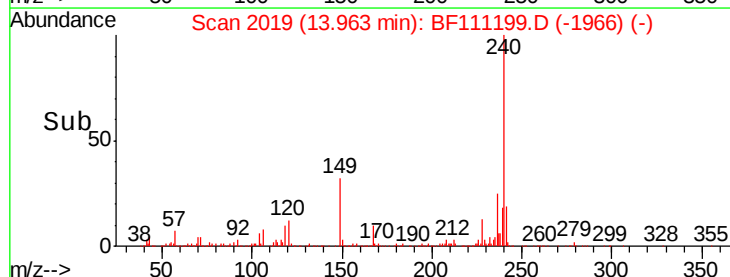
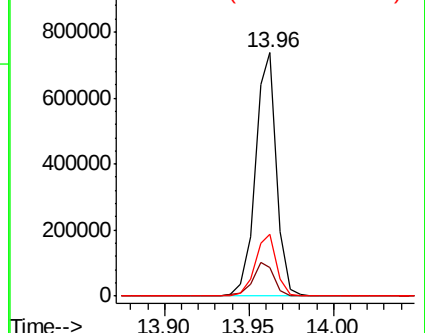
236 25.2 21.1 31.7

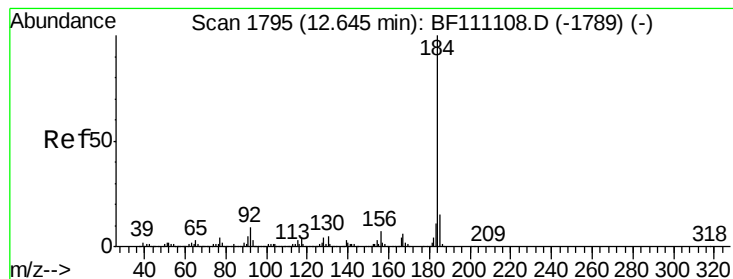


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.231 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

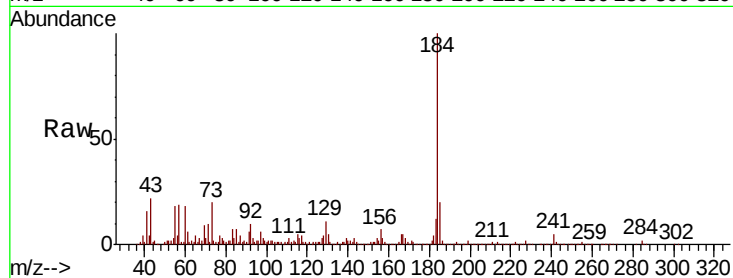
Tgt Ion:184 Resp: 538355

Ion Ratio Lower Upper

184 100

185 19.7 12.0 18.0#

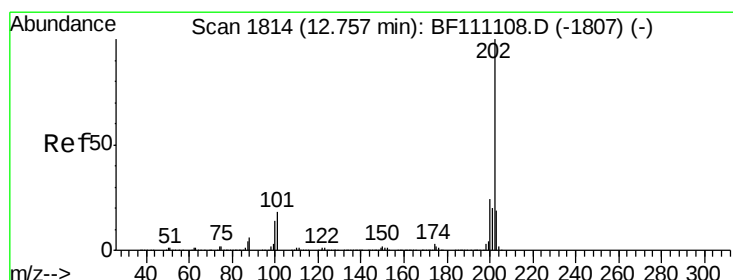
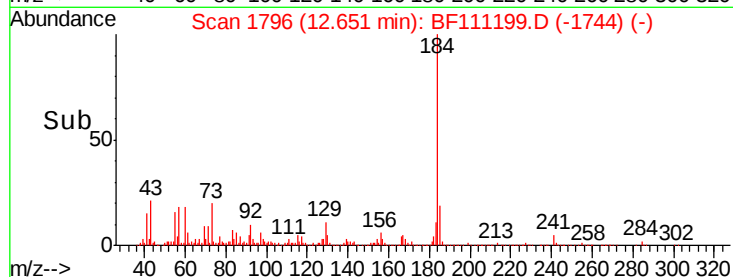
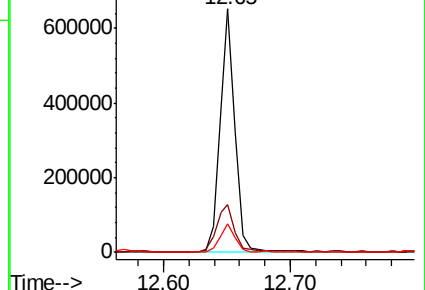
183 11.8 8.9 13.3



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: 59.839 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

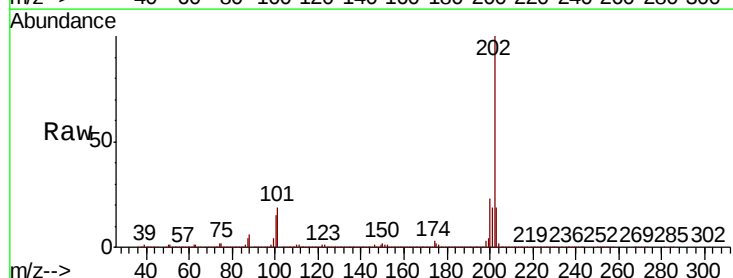
Tgt Ion:202 Resp: 2978331

Ion Ratio Lower Upper

202 100

200 22.5 19.3 28.9

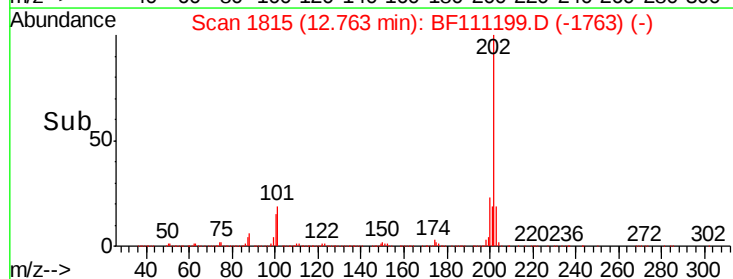
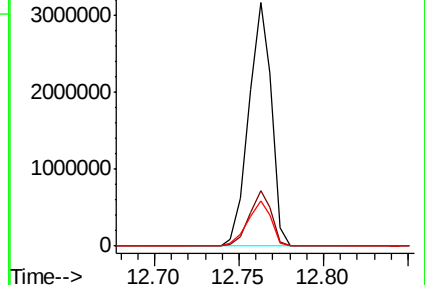
203 18.6 15.4 23.2

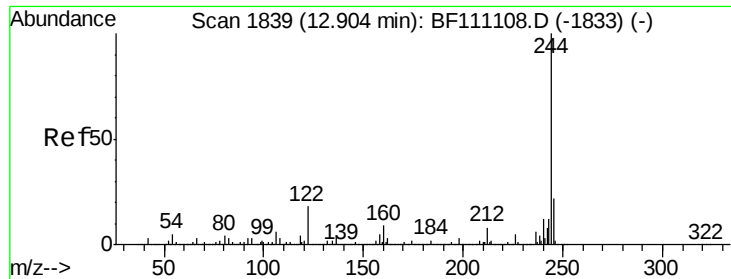


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

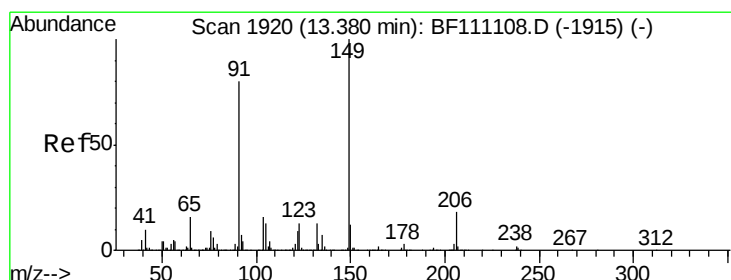
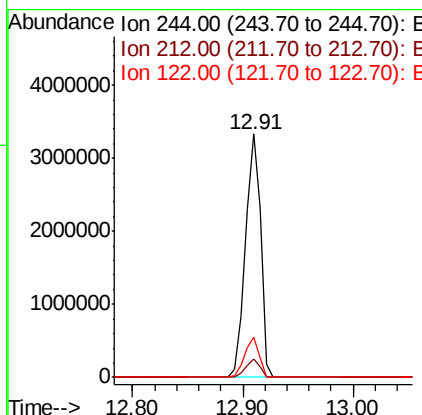
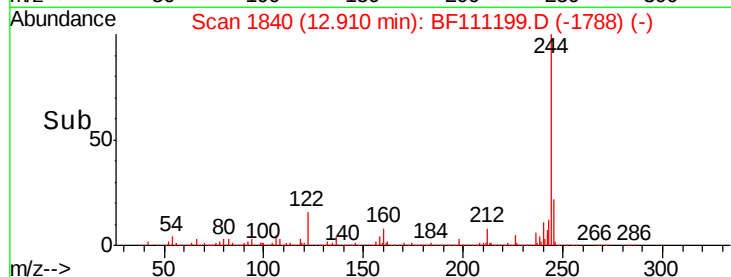
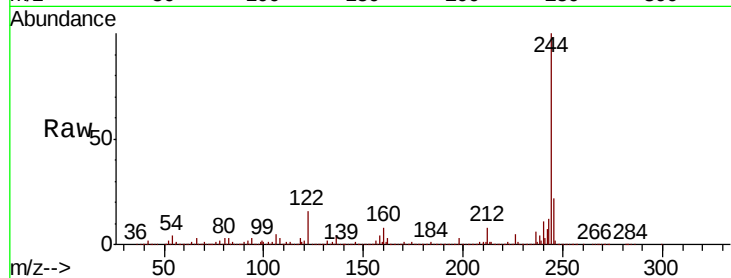




#79
 Terphenyl-d14
 Concen: 103.355 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

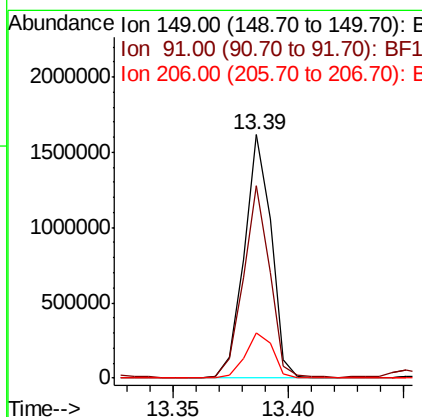
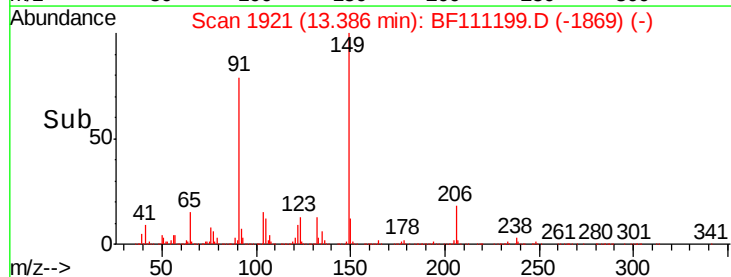
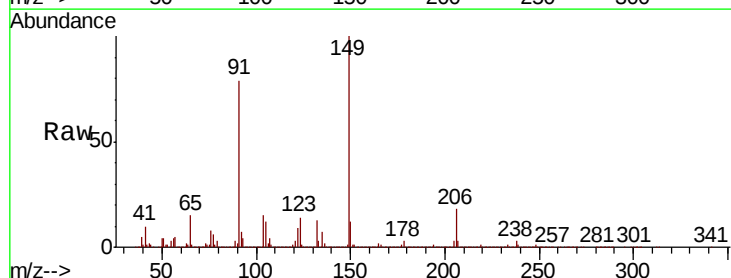
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

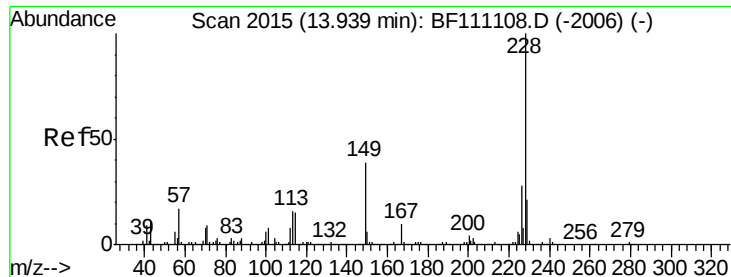
Tgt Ion:244 Resp: 3224150
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 16.4 14.2 21.2



#80
 Butylbenzylphthalate
 Concen: 54.788 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion:149 Resp: 1317328
 Ion Ratio Lower Upper
 149 100
 91 78.9 64.0 96.0
 206 18.3 14.1 21.1





#81

Benzo(a)anthracene

Concen: 42.343 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

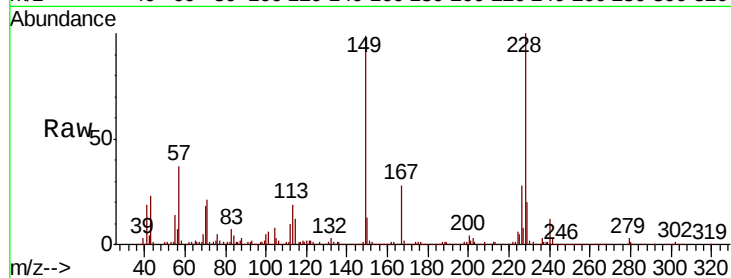
Tgt Ion:228 Resp: 1584959

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

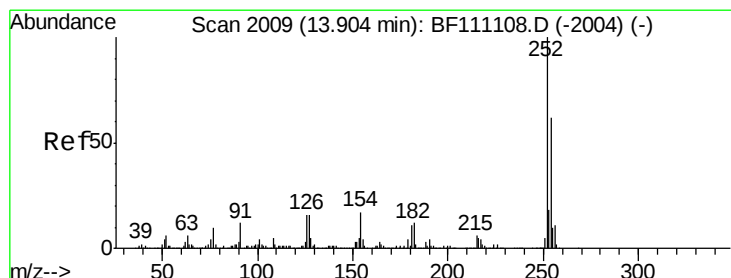
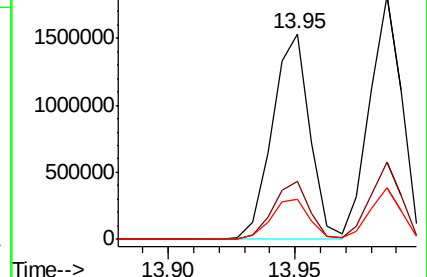
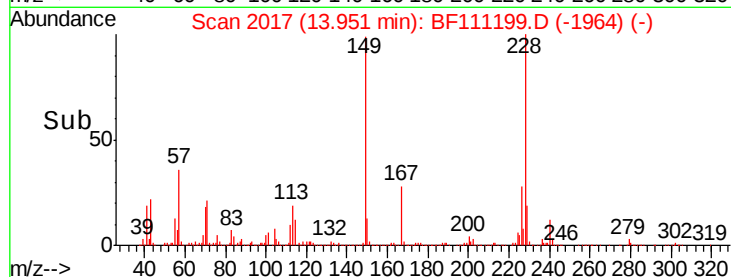
229 19.5 16.7 25.1



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: 11.580 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

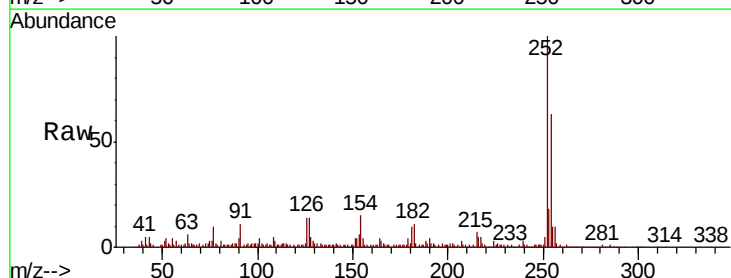
Tgt Ion:252 Resp: 163576

Ion Ratio Lower Upper

252 100

254 63.0 49.8 74.8

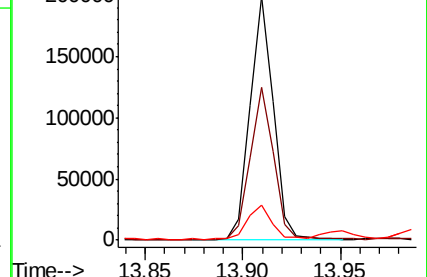
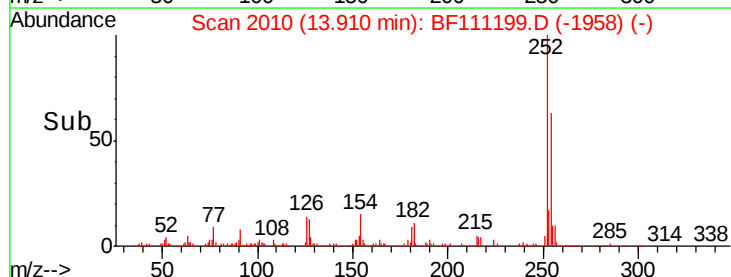
126 14.4 12.9 19.3

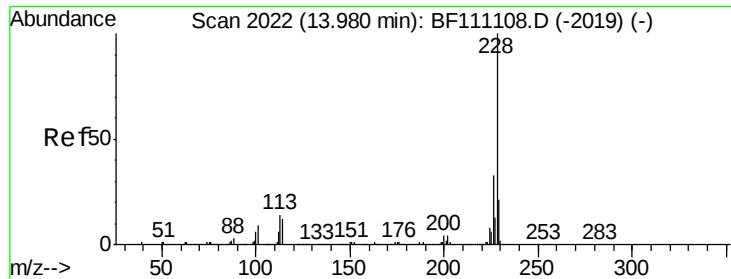


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

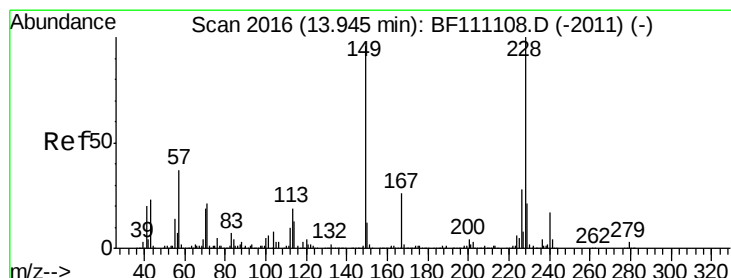
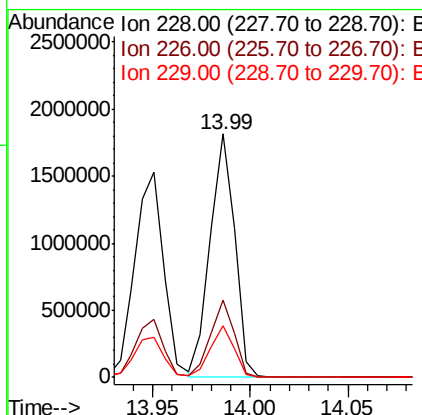
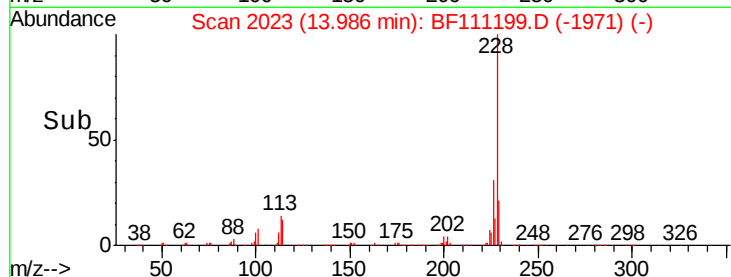
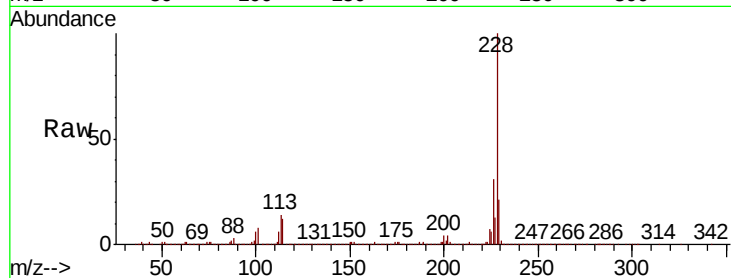




#83
Chrysene
Concen: 42.789 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

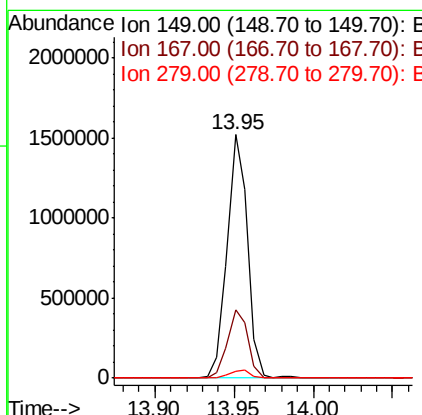
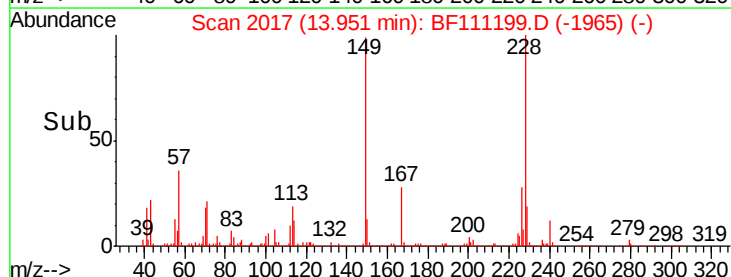
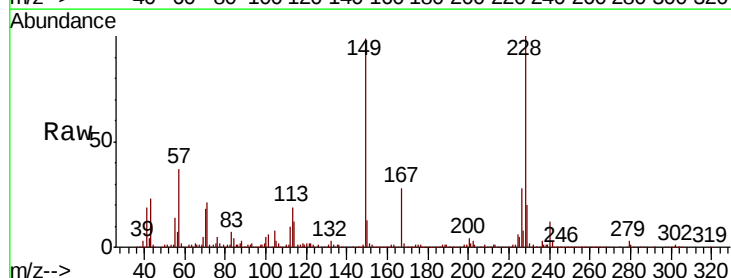
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

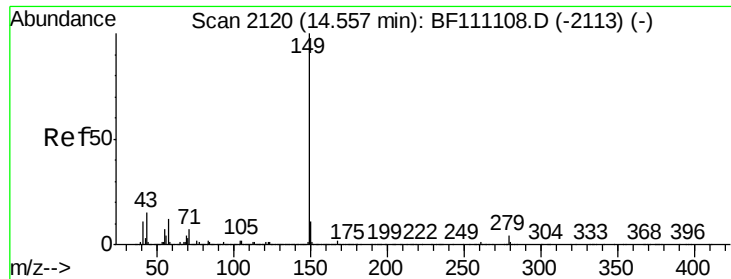
Tgt Ion:228 Resp: 1590000
Ion Ratio Lower Upper
228 100
226 31.5 26.2 39.2
229 21.0 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.338 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:149 Resp: 1345782
Ion Ratio Lower Upper
149 100
167 28.1 21.6 32.4
279 2.9 2.3 3.5

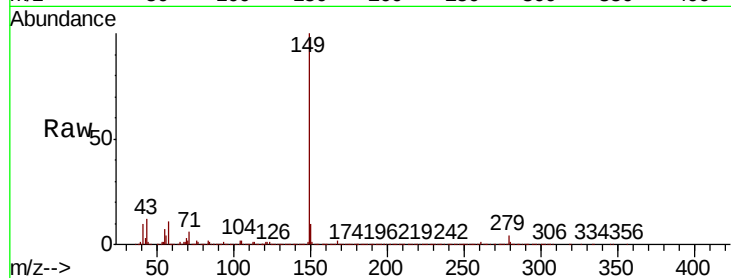




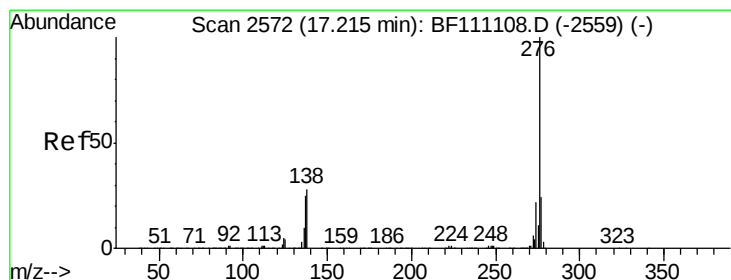
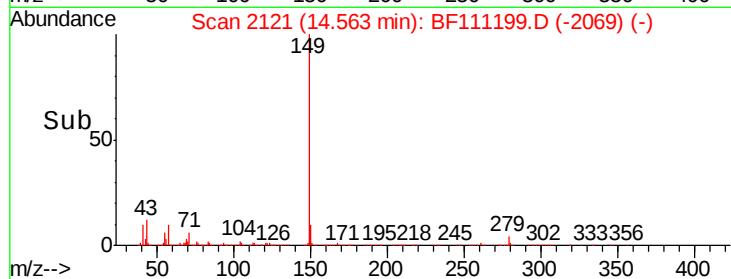
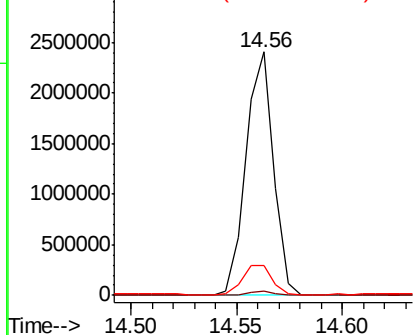
#85
Di-n-octyl phthalate
Concen: 47.558 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:149 Resp: 2171316
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.7 11.9 17.9

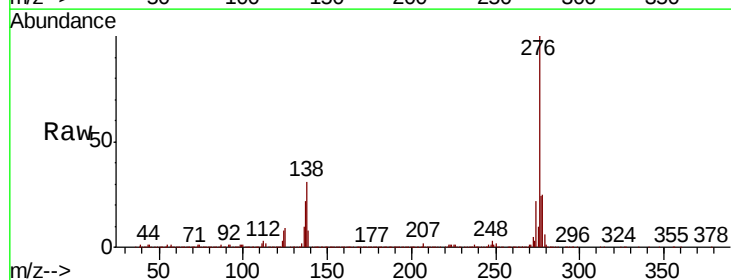


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

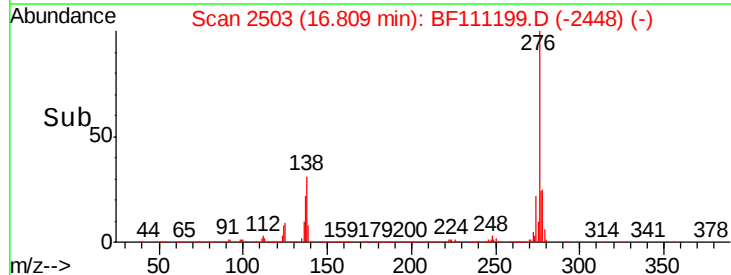
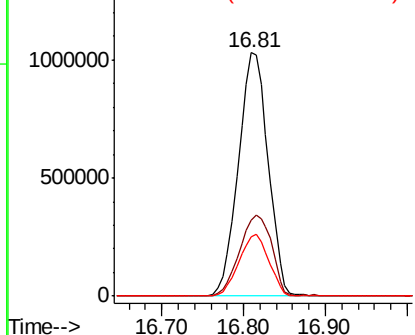


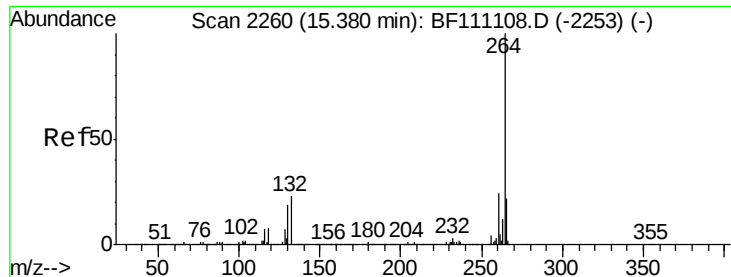
#86
Indeno(1,2,3-cd)pyrene
Concen: 87.275 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:276 Resp: 2603883
Ion Ratio Lower Upper
276 100
138 35.8 20.2 30.4#
277 25.8 15.8 23.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

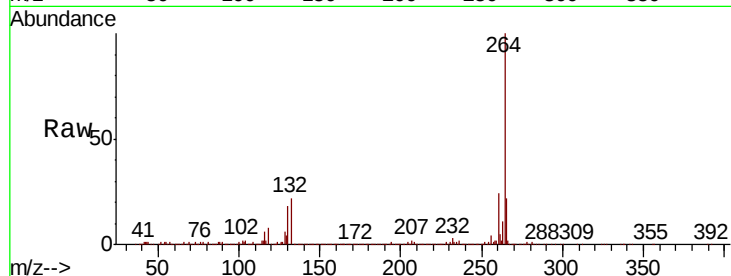
Tgt Ion:264 Resp: 763233

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.6 17.4 26.0

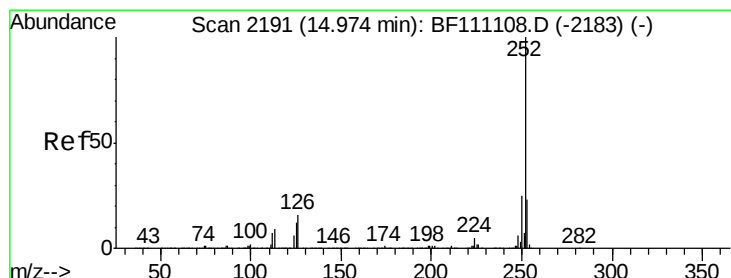
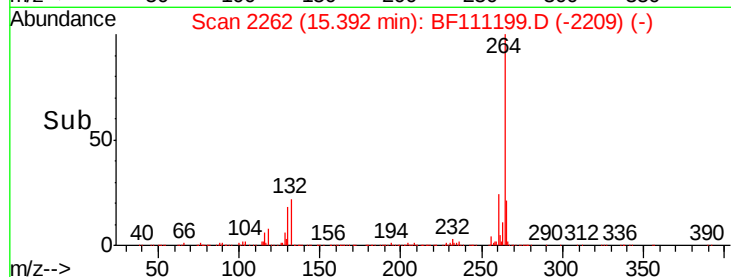
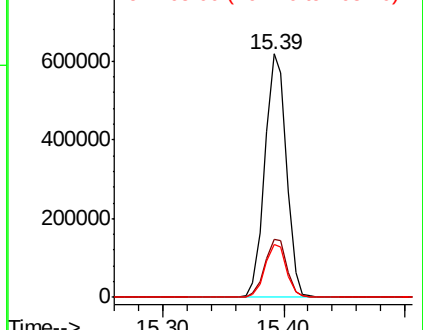


Abundance

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: 42.330 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

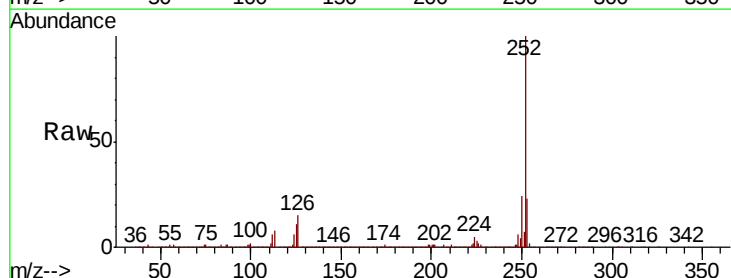
Tgt Ion:252 Resp: 1830674

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 11.4 9.9 14.9

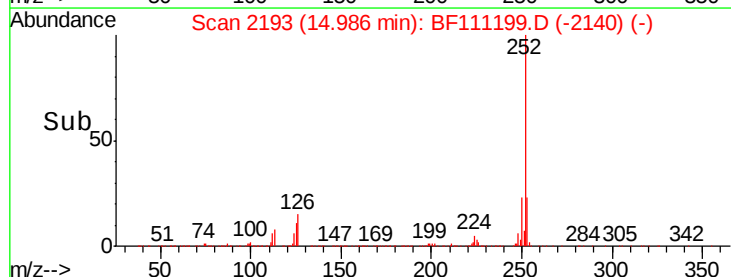
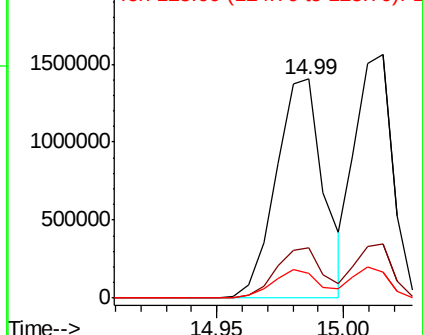


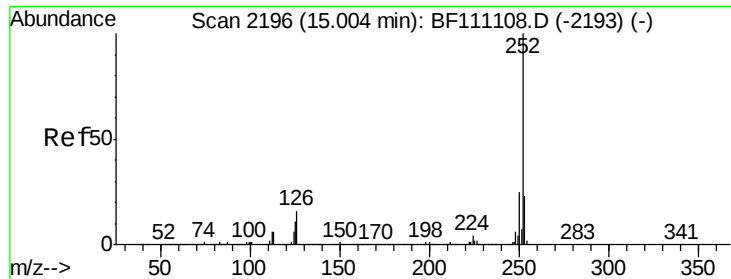
Abundance

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

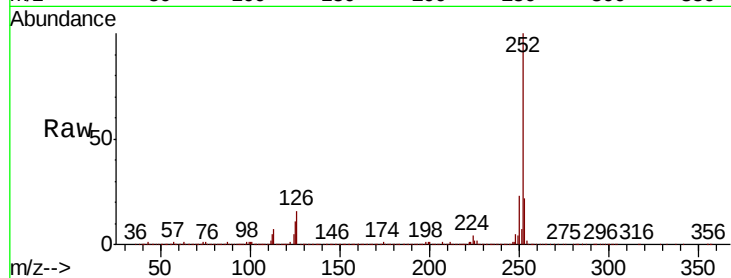




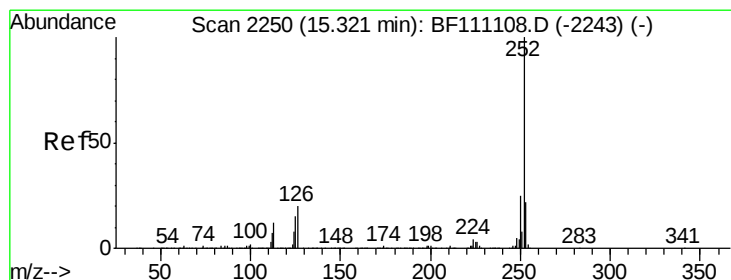
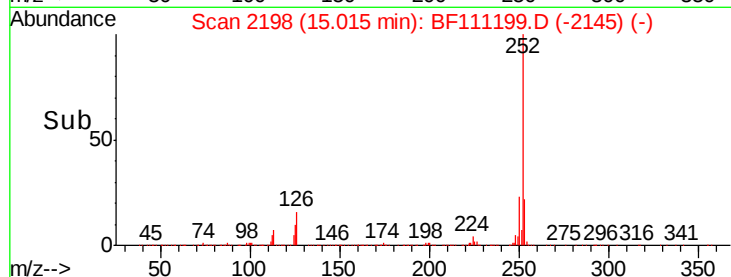
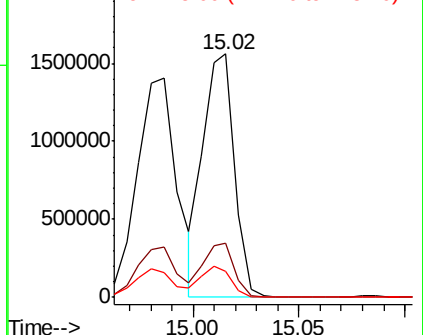
#89
Benzo(k)fluoranthene
Concen: 38.462 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tgt Ion:252 Resp: 1608068
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.5 9.9 14.9

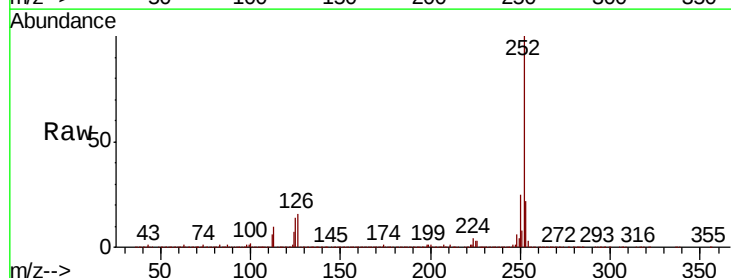


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

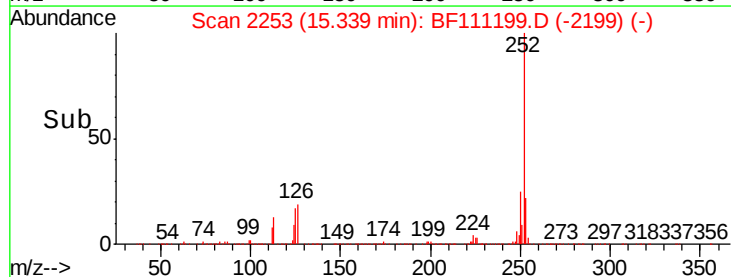
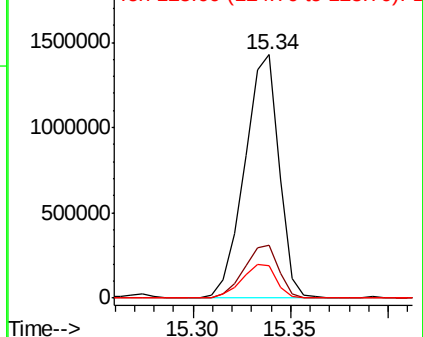


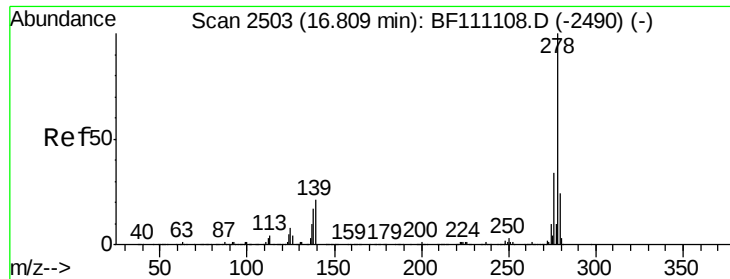
#90
Benzo(a)pyrene
Concen: 43.870 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:252 Resp: 1740297
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.5 12.4 18.6



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





#91

Dibenzo(a,h)anthracene

Concen: 63.647 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

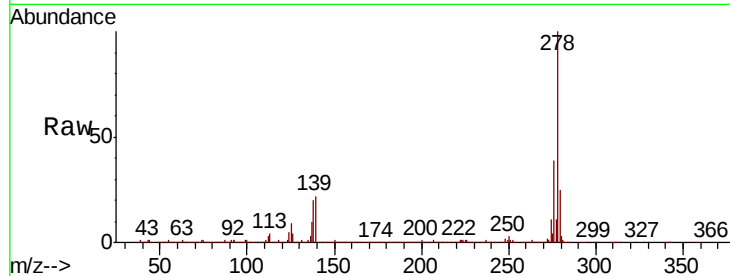
Tgt Ion:278 Resp: 2118781

Ion Ratio Lower Upper

278 100

139 22.1 16.6 25.0

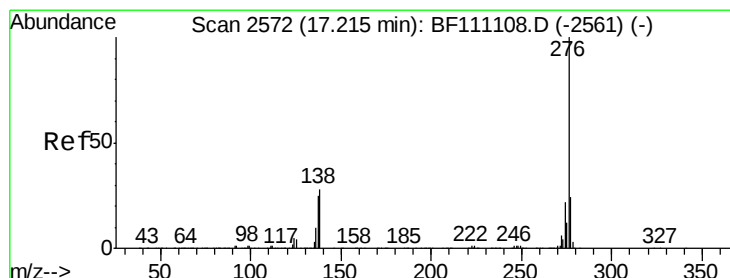
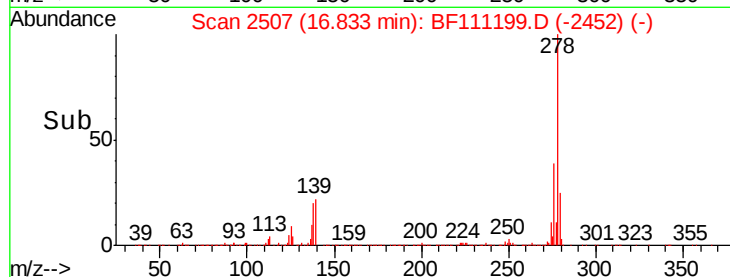
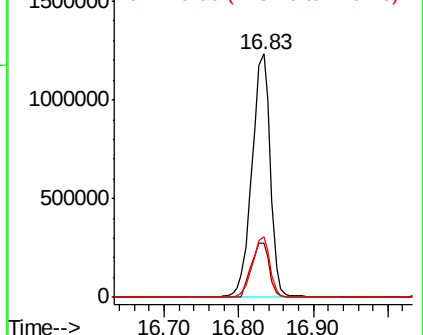
279 24.7 18.8 28.2



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: 61.803 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

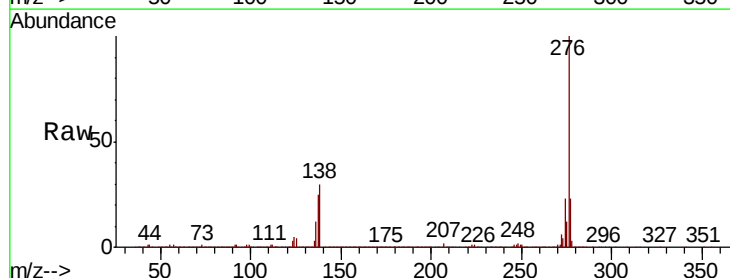
Tgt Ion:276 Resp: 2067497

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 30.3 22.3 33.5



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

