

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111143.D
 Acq On : 6 Dec 2018 17:37
 Operator : JU/SJ
 Sample : J6233-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 18:18:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	485460	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1923241	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	908120	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1560157	20.00	ng	0.00
76) Chrysene-d12	13.96	240	809801	20.00	ng	0.00
87) Perylene-d12	15.39	264	908065	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	3417735	109.86	ng	0.01
7) Phenol-d6	6.44	99	4435282	110.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	2860008	88.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	931164	129.00	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4484786	92.72	ng	0.00
79) Terphenyl-d14	12.91	244	3610255	91.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	472463	26.403	ng	98
3) Pyridine	3.32	79	1227173	30.921	ng	97
4) n-Nitrosodimethylamine	3.25	42	782287	40.034	ng	100
6) Aniline	6.47	93	1775195	33.155	ng	99
8) 2-Chlorophenol	6.59	128	1356553	37.831	ng	95
9) Benzaldehyde	6.35	77	684627	29.468	ng	98
10) Phenol	6.46	94	1971497	45.118	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	1300798	36.423	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1379565	36.175	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1395300	36.357	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1316627	36.880	ng	99
15) Benzyl Alcohol	6.95	79	1213375	38.213	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2574199	37.054	ng	99
17) 2-Methylphenol	7.06	107	1139090	38.698	ng	99
18) Hexachloroethane	7.32	117	530937	36.879	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	991640	36.821	ng	98
20) 3+4-Methylphenols	7.21	107	1376958	38.355	ng	95
22) Acetophenone	7.22	105	1805667	38.851	ng	# 92
24) Nitrobenzene	7.39	77	1425355	40.785	ng	98
25) Isophorone	7.63	82	2632333	44.153	ng	100
26) 2-Nitrophenol	7.70	139	707294	47.897	ng	93
27) 2,4-Dimethylphenol	7.74	122	1235310	44.419	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1669032	41.354	ng	99
29) 2,4-Dichlorophenol	7.95	162	1119835	40.902	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1082735	39.180	ng	97
31) Naphthalene	8.11	128	3715667	44.374	ng	99
32) Benzoic acid	7.82	122	205356	11.198	ng	96
33) 4-Chloroaniline	8.16	127	1397885	34.536	ng	96
34) Hexachlorobutadiene	8.24	225	584249	38.903	ng	100
35) Caprolactam	8.55	113	130084	12.940	ng	88
36) 4-Chloro-3-methylphenol	8.64	107	1224635	40.836	ng	97
37) 2-Methylnaphthalene	8.80	142	2533309	43.859	ng	99
38) 1-Methylnaphthalene	8.90	142	2396798	43.161	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	902509	37.289	ng	99

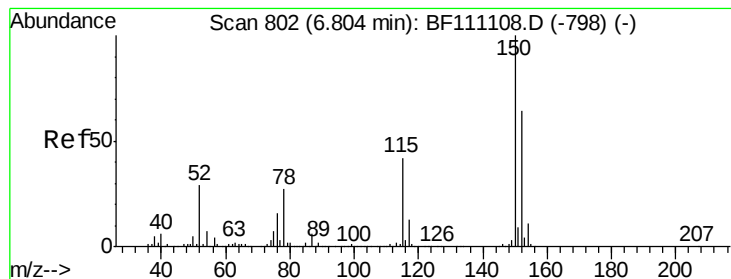
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1051098	82.361	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	744643	42.125	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	784081	43.756	nq	98
46) 1,1'-Biphenyl	9.27	154	2832422	38.100	nq	99
47) 2-Chloronaphthalene	9.29	162	2267845	39.258	nq	98
48) 2-Nitroaniline	9.38	65	818097	43.700	nq	96
49) Acenaphthylene	9.70	152	3564050	44.138	nq	100
50) Dimethylphthalate	9.57	163	3000233	47.471	nq	100
51) 2,6-Dinitrotoluene	9.62	165	627298	46.814	nq	90
52) Acenaphthene	9.88	154	2228736	41.779	nq	99
53) 3-Nitroaniline	9.79	138	655272	38.931	nq	98
54) 2,4-Dinitrophenol	9.89	184	255492	61.813	nq	# 73
55) Dibenzofuran	10.05	168	3103154	42.234	nq	98
56) 4-Nitrophenol	9.95	139	1013282	79.889	nq	86
57) 2,4-Dinitrotoluene	10.03	165	814459	47.063	nq	# 92
58) Fluorene	10.39	166	2323062	44.835	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.12	232	580279	43.388	nq	98
60) Diethylphthalate	10.27	149	2657572	42.076	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	1055488	41.336	nq	97
62) 4-Nitroaniline	10.40	138	630696	41.517	nq	97
63) Azobenzene	10.55	77	2690286	40.008	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	238748	37.041	nq	86
66) n-Nitrosodiphenylamine	10.50	169	2156672	39.478	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	666341	40.347	nq	93
68) Hexachlorobenzene	10.95	284	684404	40.528	nq	95
69) Atrazine	11.03	200	677245	Below Cal		99
70) Pentachlorophenol	11.13	266	643648	57.959	nq	97
71) Phenanthrene	11.35	178	3265703	43.516	nq	100
72) Anthracene	11.40	178	3347058	44.246	nq	99
73) Carbazole	11.55	167	3059215	38.866	nq	99
74) Di-n-butylphthalate	11.89	149	3831922	41.588	nq	100
75) Fluoranthene	12.54	202	3010716	40.998	nq	96
77) Benzidine	12.65	184	499731	15.485	nq	98
78) Pyrene	12.76	202	2939601	46.594	nq	99
80) Butylbenzylphthalate	13.39	149	1369038	44.920	nq	98
81) Benzo(a)anthracene	13.95	228	2053664	43.284	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	677410	37.833	nq	99
83) Chrysene	13.99	228	1997753	42.414	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1642242	44.610	nq	100
85) Di-n-octyl phthalate	14.56	149	2800364	48.389	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	2365092	62.539	nq	# 87
88) Benzo(b)fluoranthene	14.98	252	2126568	41.329	nq	97
89) Benzo(k)fluoranthene	15.01	252	1848806	37.167	nq	99
90) Benzo(a)pyrene	15.34	252	1998123	42.336	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	1951381	49.269	nq	99
92) Benzo(g,h,i)perylene	17.24	276	1950531	49.007	nq	99

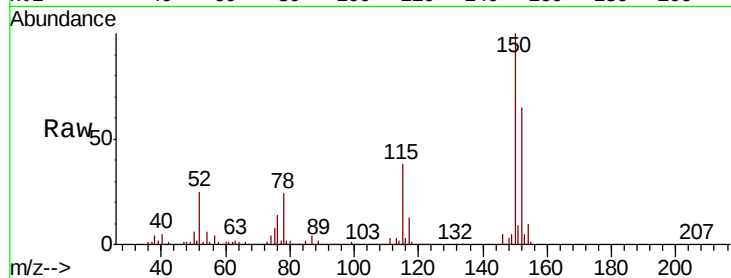
(#) = qualifier out of range (m) = manual integration (+) = signals summed



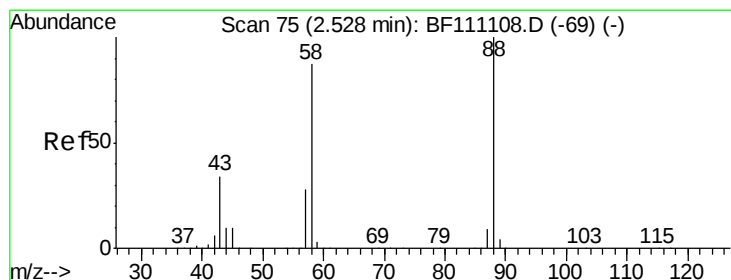
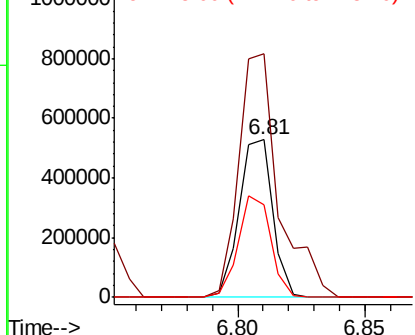
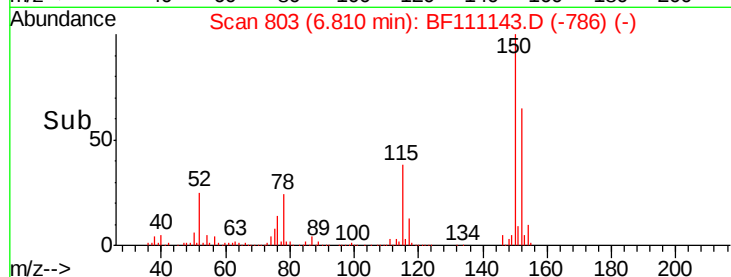
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 485460
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 187.0
 115 58.8 52.2 78.2

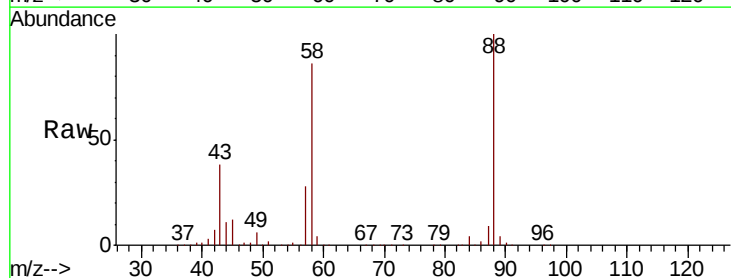


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

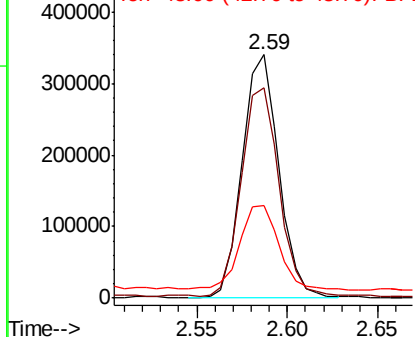
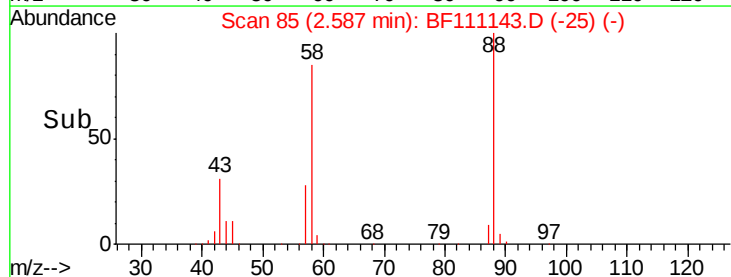


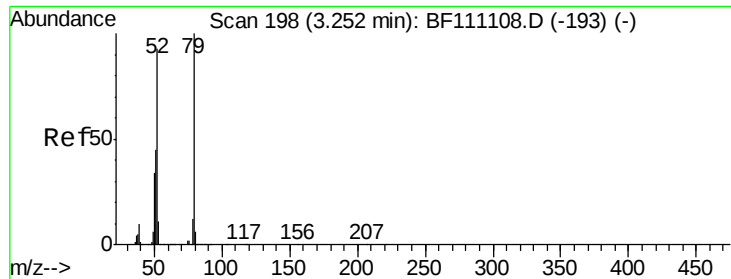
#2
 1,4-Dioxane
 Concen: 26.403 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.05 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion: 88 Resp: 472463
 Ion Ratio Lower Upper
 88 100
 58 89.9 70.8 106.2
 43 38.2 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

Pvridine

Concen: 30.921 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

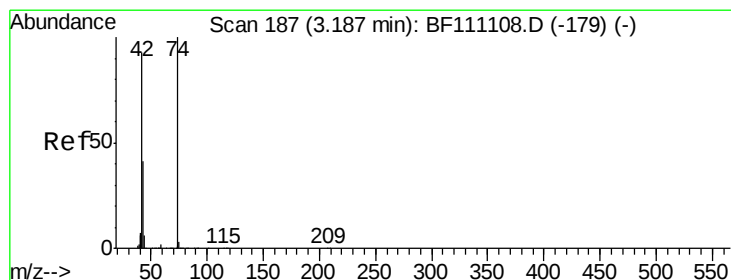
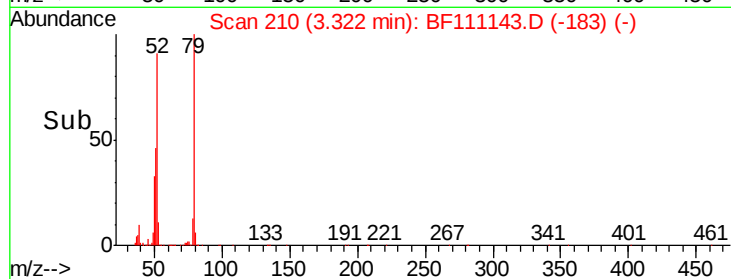
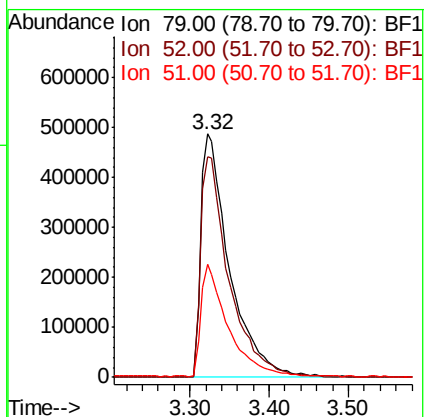
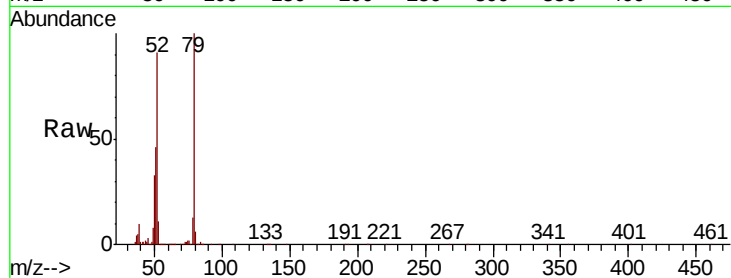
Tot Ion: 79 Resp: 1227173

Ion Ratio Lower Upper

79 100

52 90.8 74.7 112.1

51 46.3 35.9 53.9



#4

n-Nitrosodimethylamine

Concen: 40.034 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

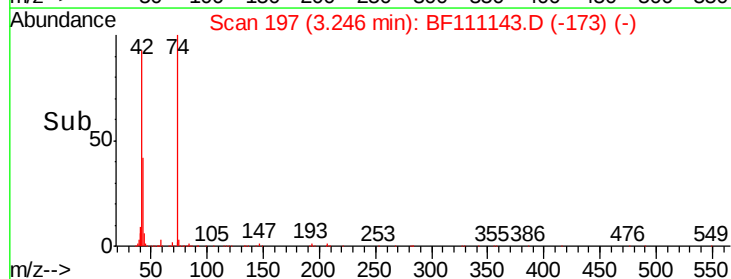
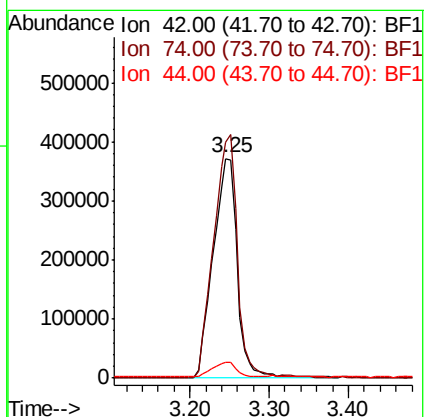
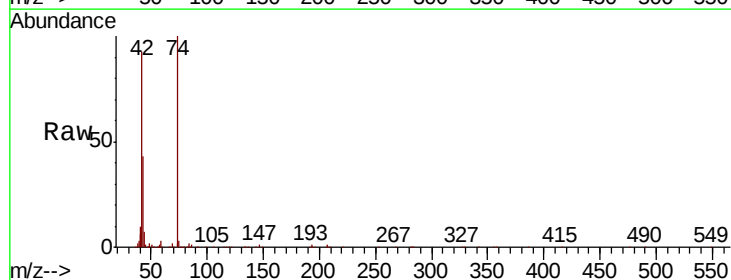
Tgt Ion: 42 Resp: 782287

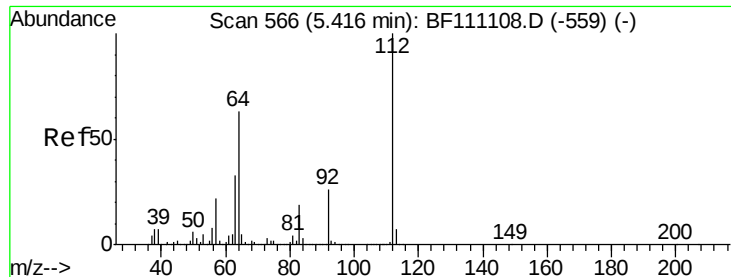
Ion Ratio Lower Upper

42 100

74 107.6 86.2 129.2

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 109.859 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

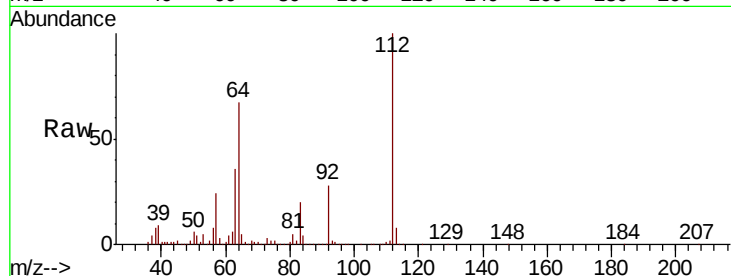
Tot Ion:112 Resp: 3417735

Ion Ratio Lower Upper

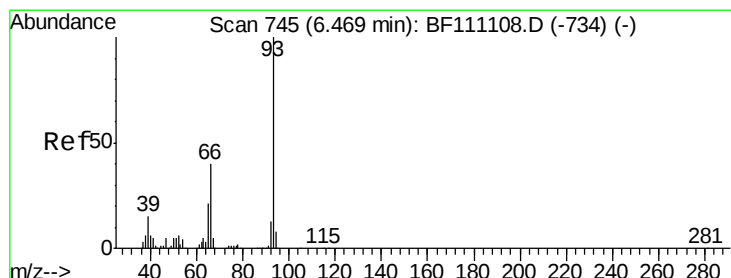
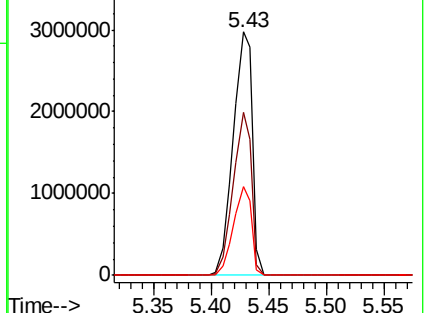
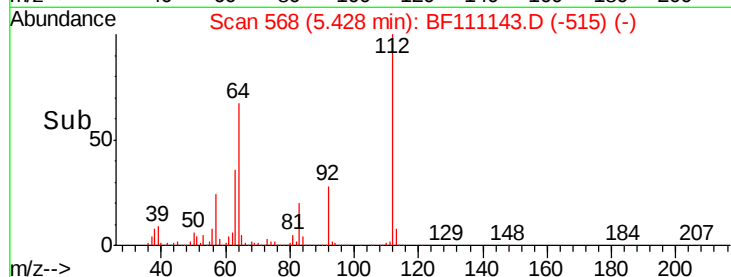
112 100

64 66.8 50.2 75.4

63 36.3 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: 33.155 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

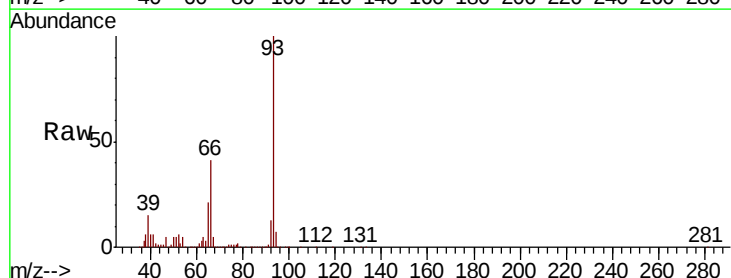
Tgt Ion: 93 Resp: 1775195

Ion Ratio Lower Upper

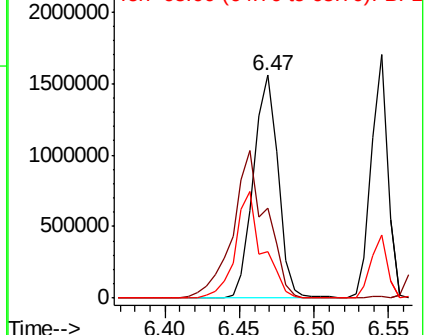
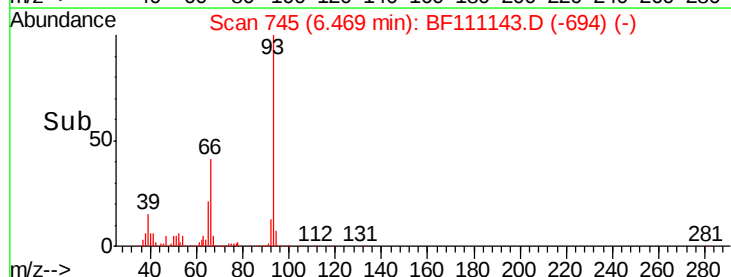
93 100

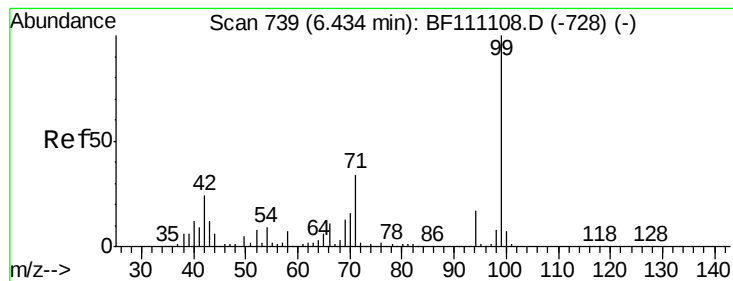
66 40.6 31.8 47.8

65 20.6 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: 110.674 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

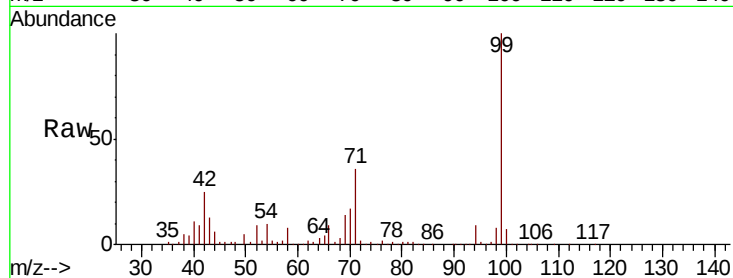
Tot Ion: 99 Resp: 4435282

Ion Ratio Lower Upper

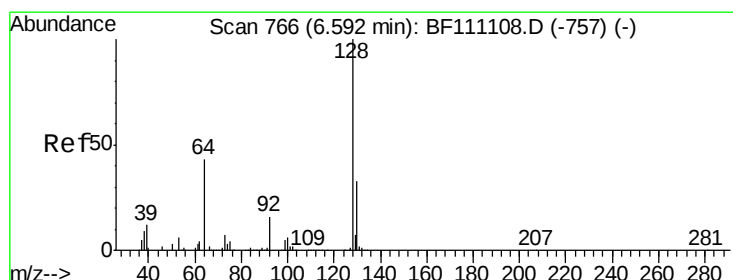
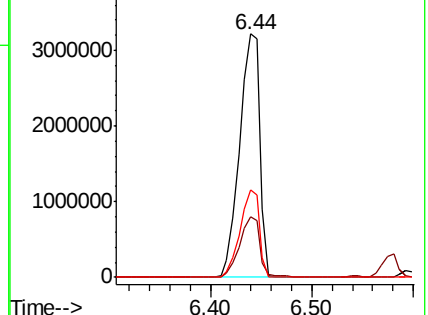
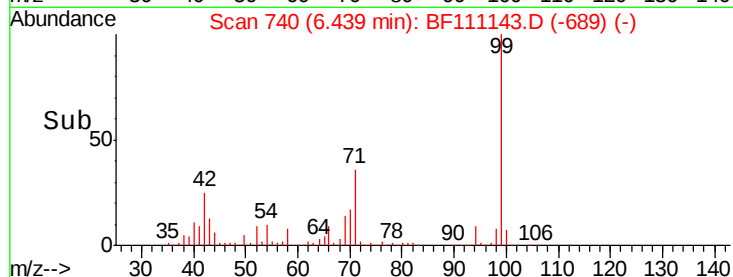
99 100

42 25.1 19.3 28.9

71 36.1 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: 37.831 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

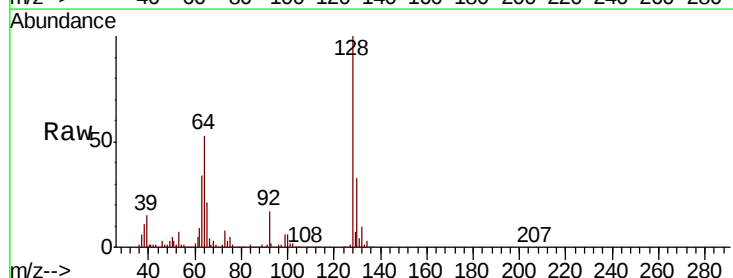
Tgt Ion:128 Resp: 1356553

Ion Ratio Lower Upper

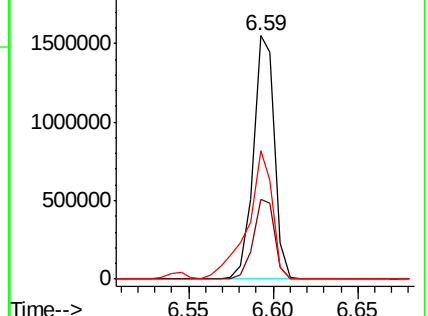
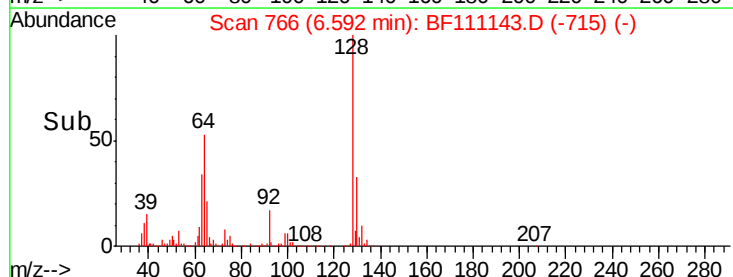
128 100

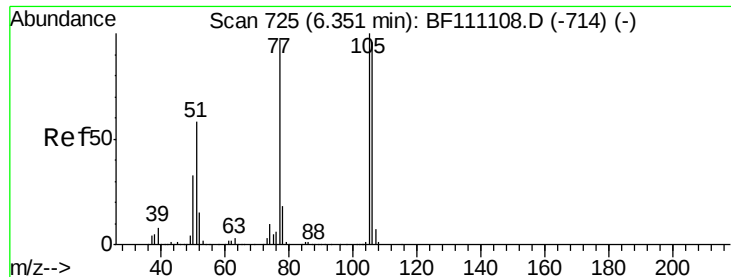
130 32.6 12.8 52.8

64 52.6 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: 29.468 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

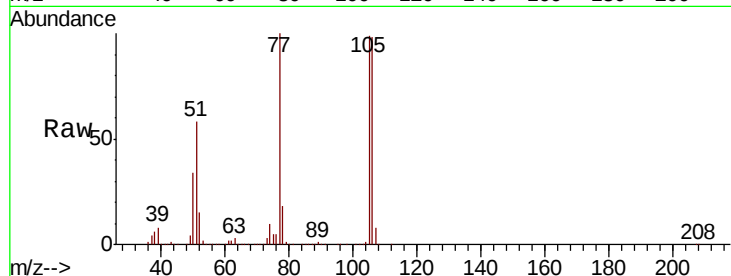
Tot Ion: 77 Resp: 684627

Ion Ratio Lower Upper

77 100

105 99.2 83.1 123.1

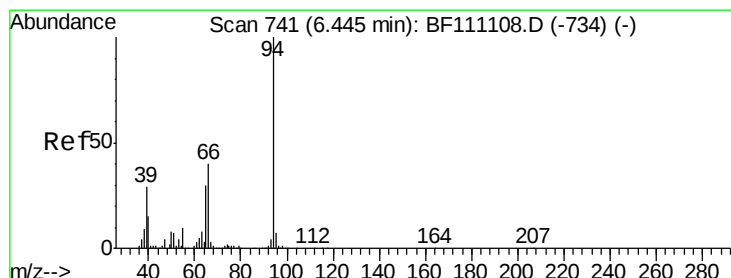
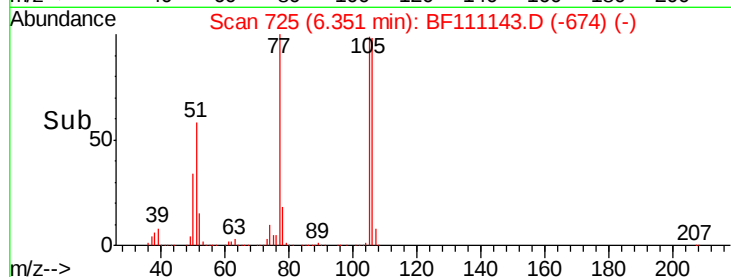
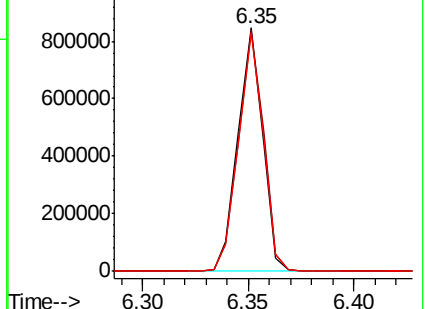
106 98.2 79.0 119.0



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: 45.118 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

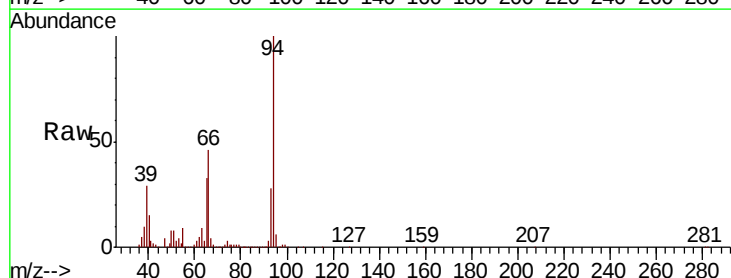
Tgt Ion: 94 Resp: 1971497

Ion Ratio Lower Upper

94 100

65 33.4 10.5 50.5

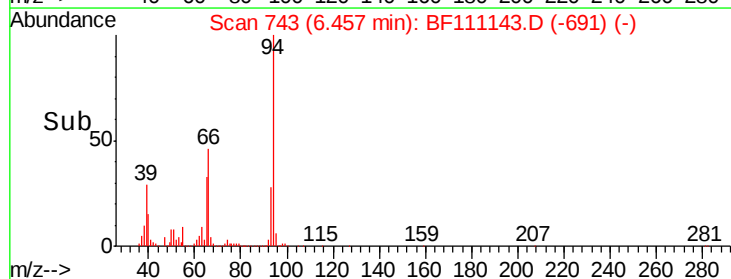
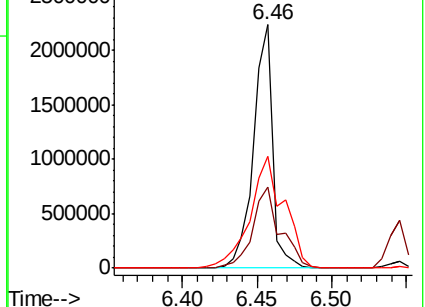
66 46.0 19.8 59.8

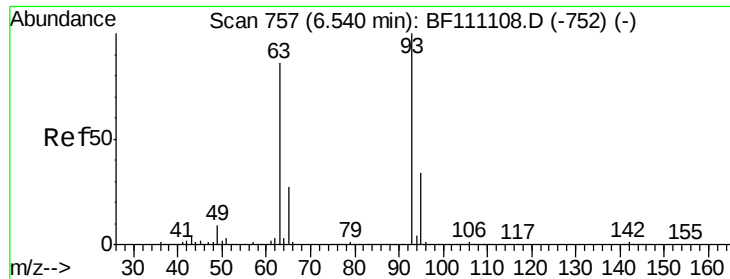


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



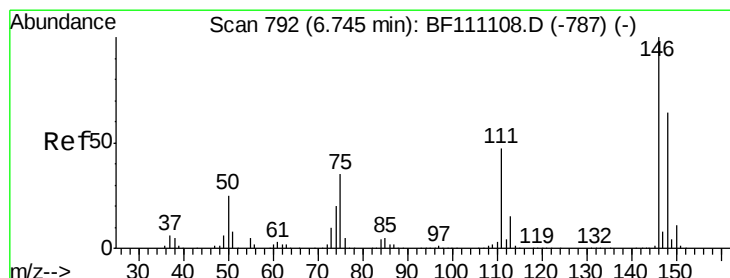
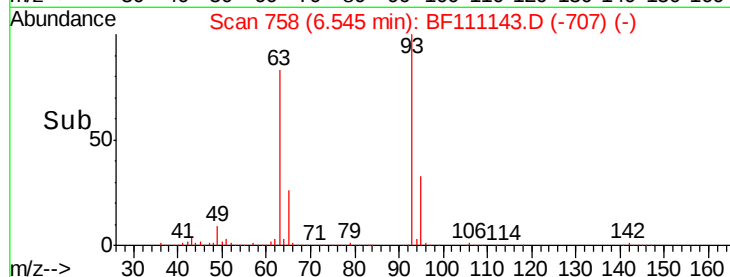
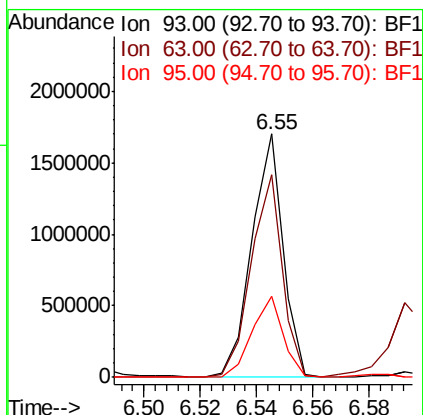
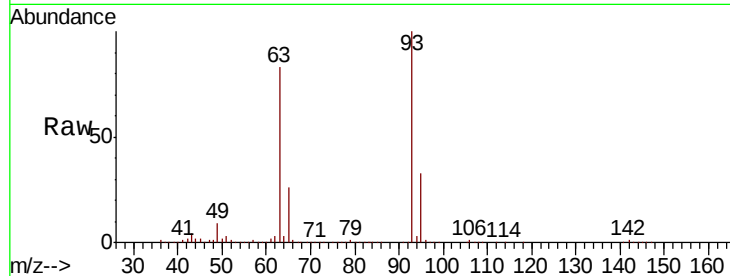


#11
bis(2-Chloroethyl)ether
Concen: 36.423 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1300798

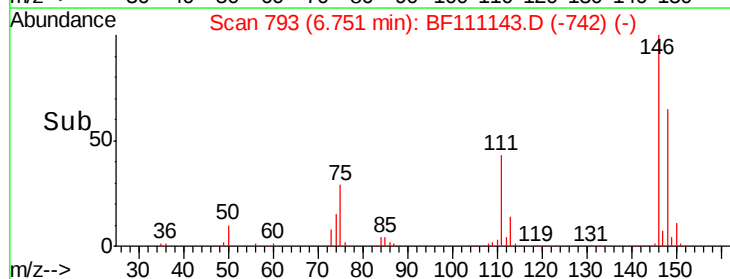
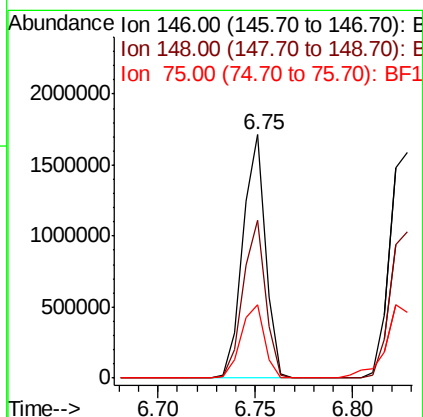
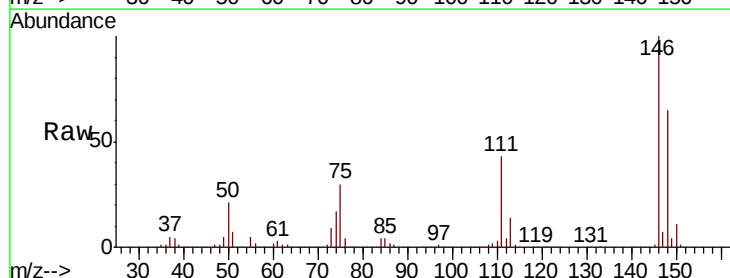
Ion	Ratio	Lower	Upper
93	100		
63	83.1	66.0	106.0
95	33.4	14.3	54.3

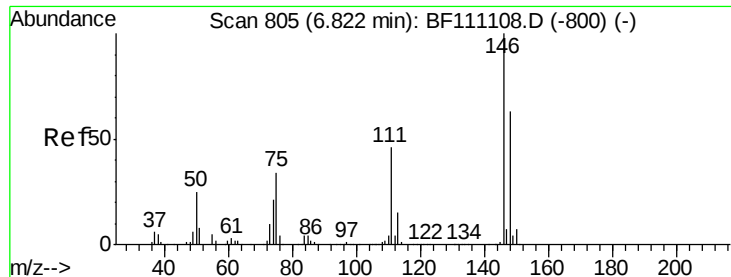


#12
1,3-Dichlorobenzene
Concen: 36.175 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 146 Resp: 1379565

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
75	30.0	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 36.357 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

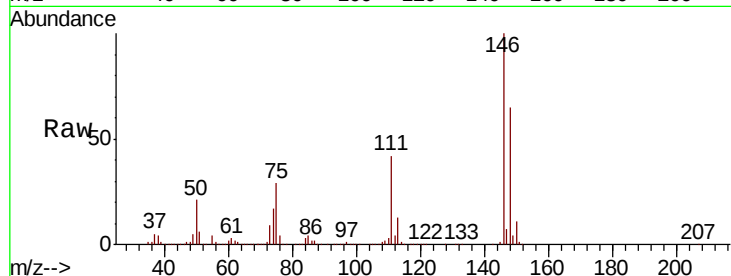
Tot Ion:146 Resp: 1395300

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

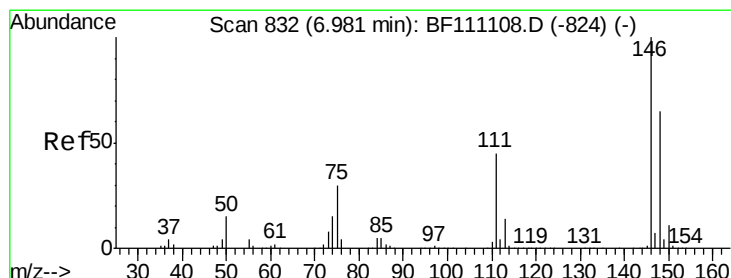
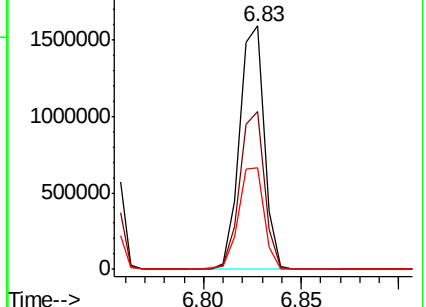
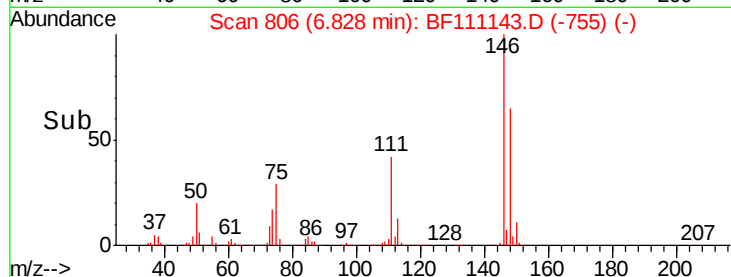
111 41.6 36.6 55.0



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: 36.880 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

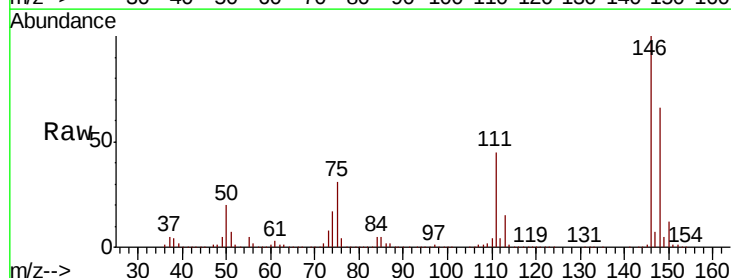
Tgt Ion:146 Resp: 1316627

Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.6

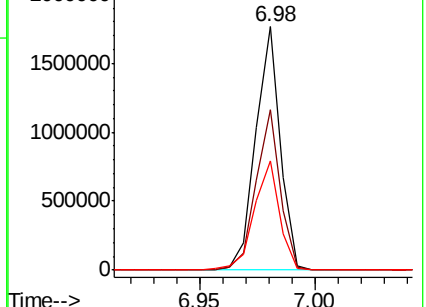
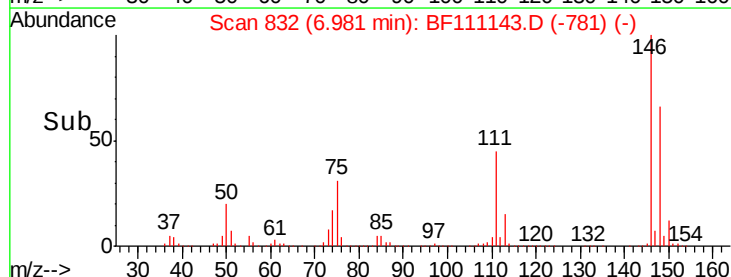
111 44.9 35.7 53.5

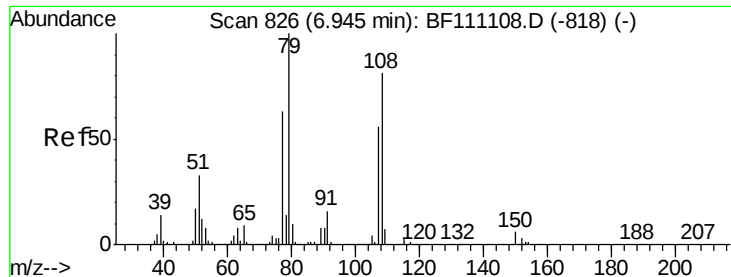


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.213 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

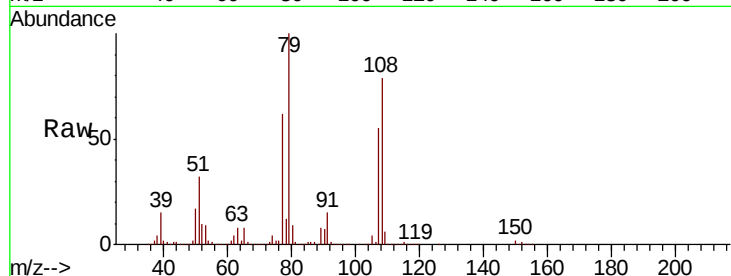
Tot Ion: 79 Resp: 1213375

Ion Ratio Lower Upper

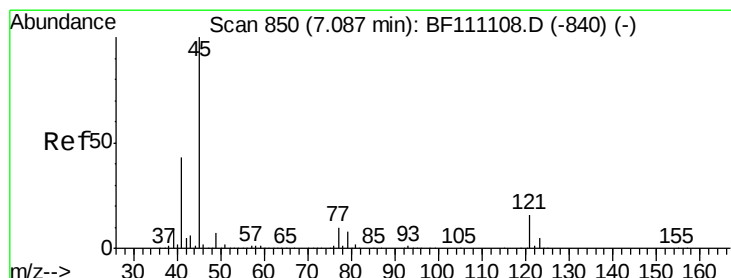
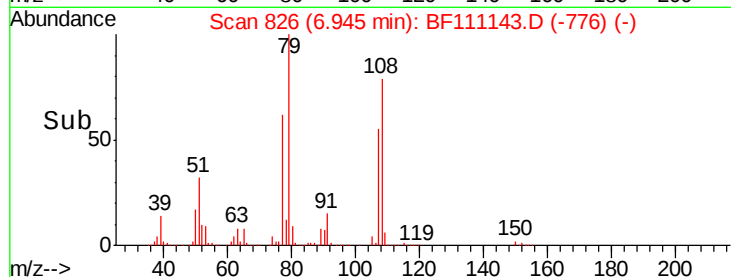
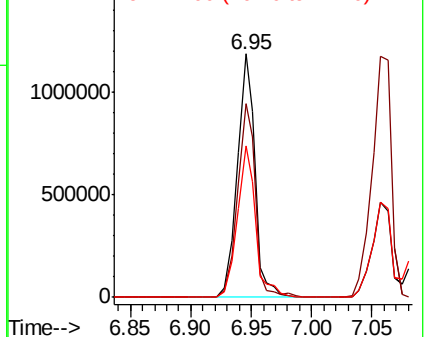
79 100

108 79.5 64.5 96.7

77 62.4 50.5 75.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.054 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

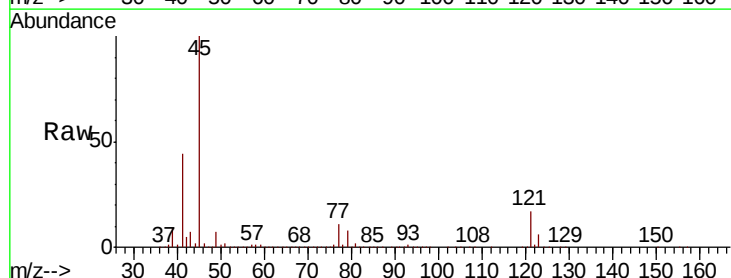
Tgt Ion: 45 Resp: 2574199

Ion Ratio Lower Upper

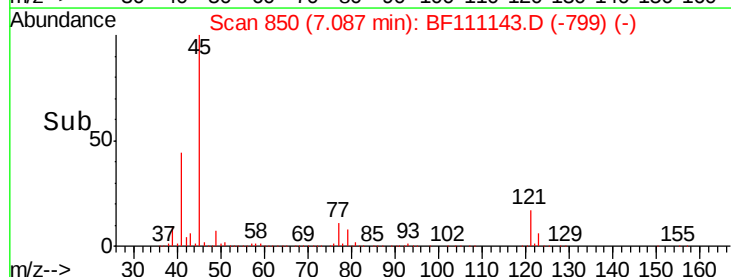
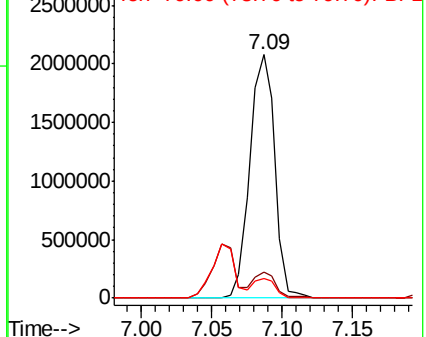
45 100

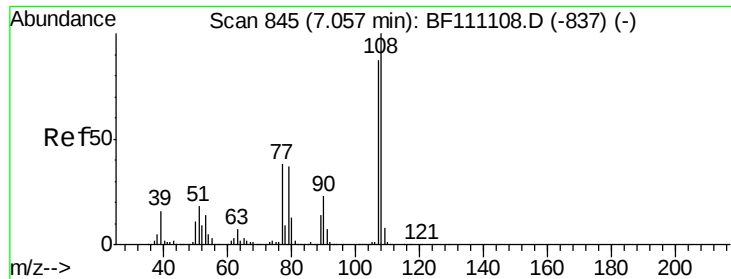
77 10.9 0.0 30.6

79 8.1 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

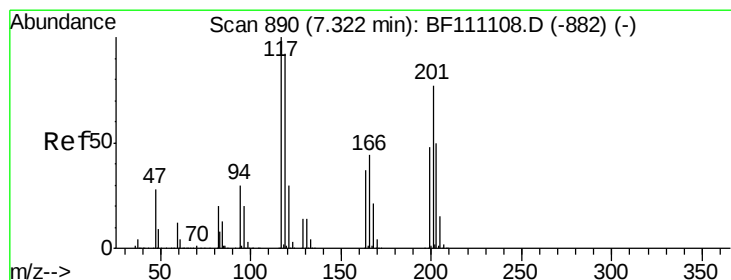
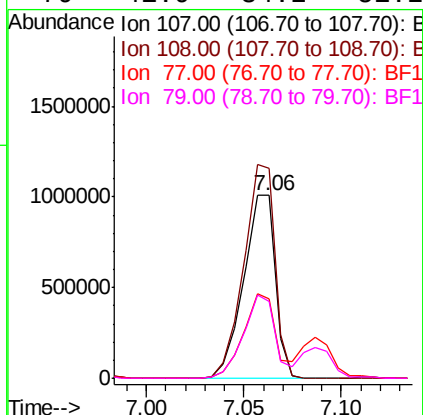
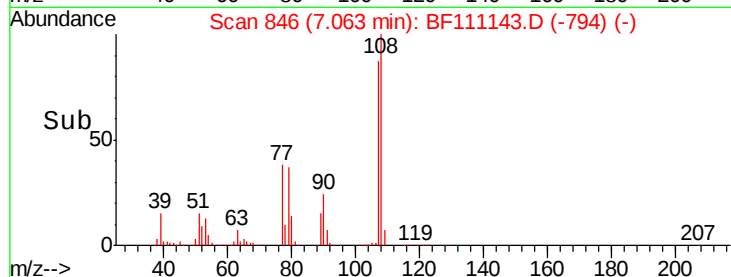
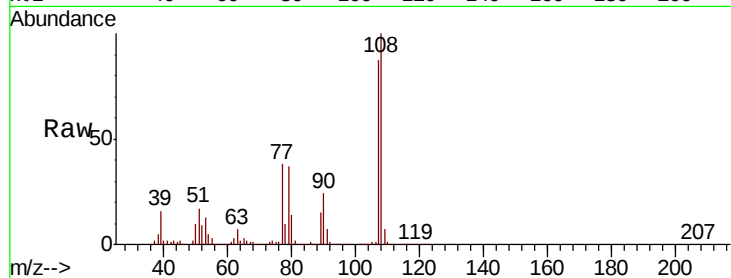




#17
2-Methylphenol
Concen: 38.698 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

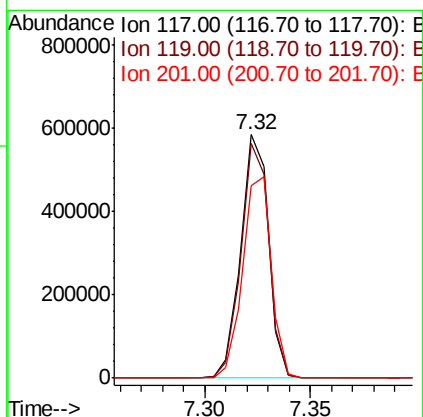
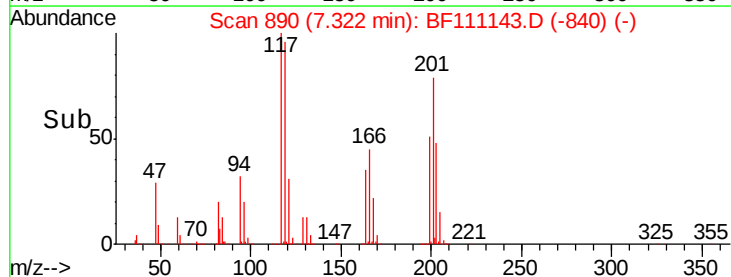
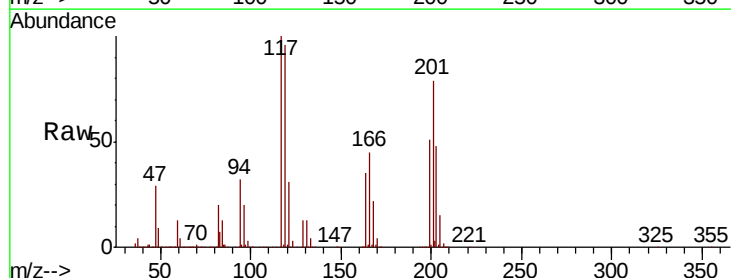
Instrument :
BNA_F
ClientSampleId :

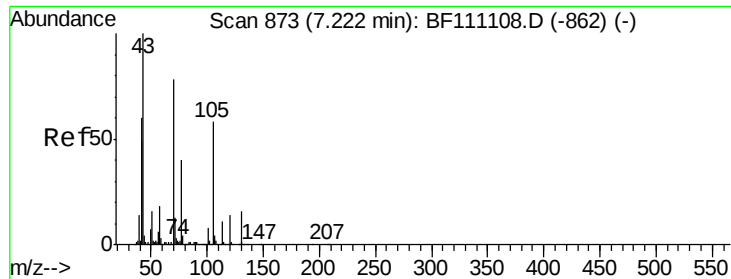
Tot Ion:107 Resp: 1139090
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.8
77 43.1 34.7 52.1
79 41.9 34.2 51.2



#18
Hexachloroethane
Concen: 36.879 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:117 Resp: 530937
Ion Ratio Lower Upper
117 100
119 96.3 73.8 110.6
201 79.2 61.2 91.8

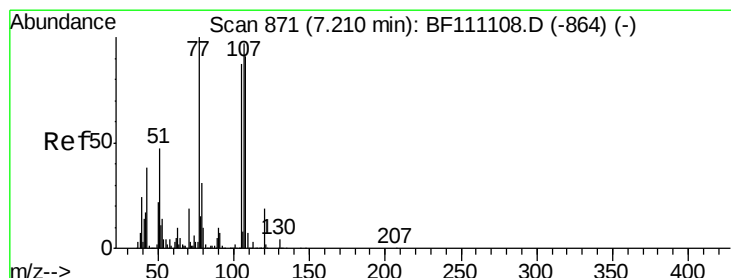
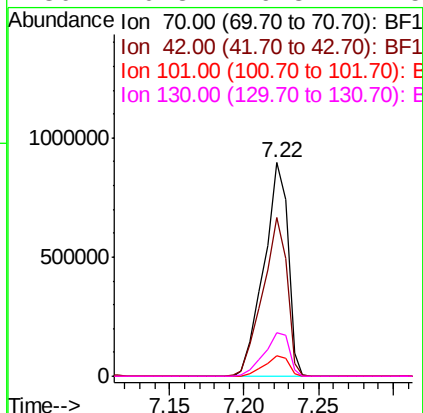
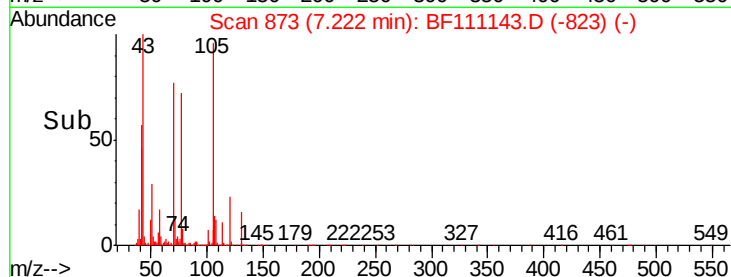
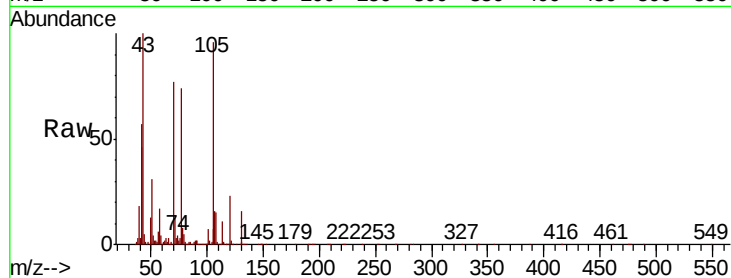




#19
n-Nitroso-di-n-propylamine
Concen: 36.821 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

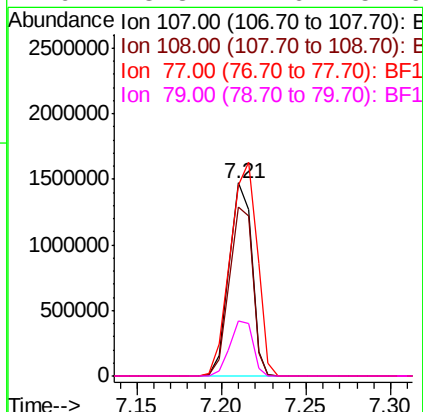
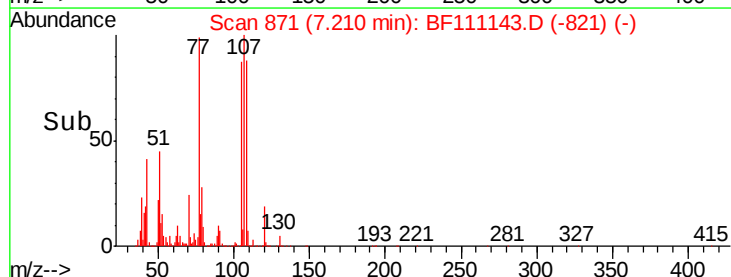
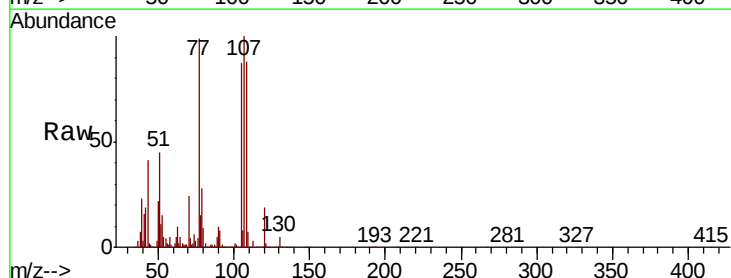
Instrument :
BNA_F
ClientSampleId :

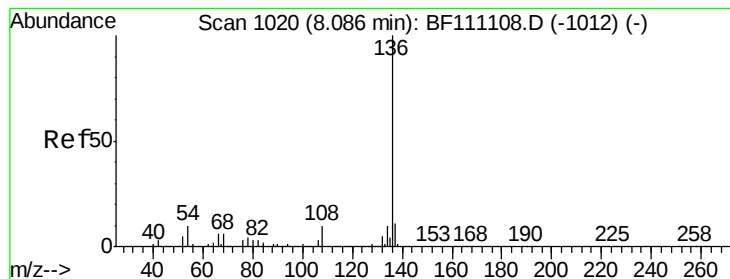
Tot Ion: 70 Resp: 991640
Ion Ratio Lower Upper
70 100
42 74.4 61.3 91.9
101 9.6 7.7 11.5
130 20.3 16.3 24.5



#20
3+4-Methylphenols
Concen: 38.355 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 107 Resp: 1376958
Ion Ratio Lower Upper
107 100
108 87.5 74.0 114.0
77 99.1 83.2 123.2
79 28.3 11.6 51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1923241

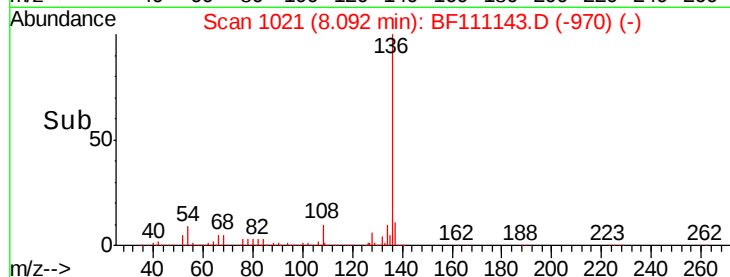
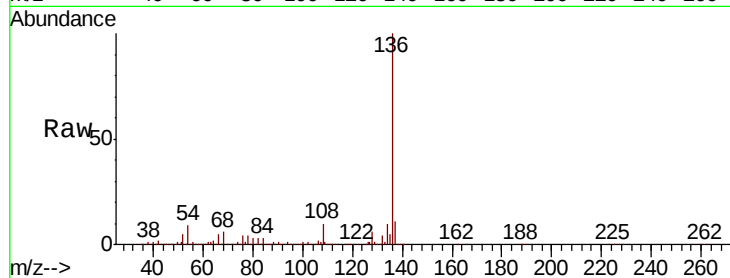
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.8 8.4 12.6

68 5.6 5.0 7.4



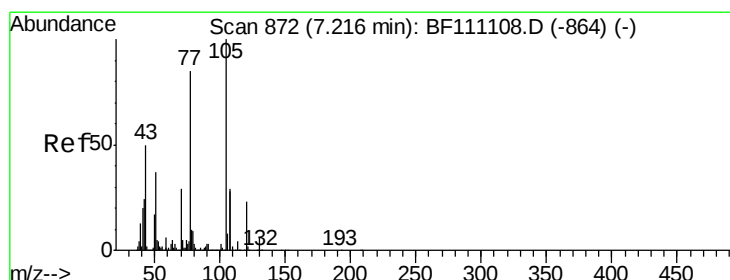
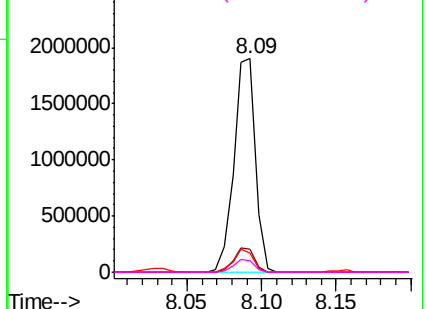
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.851 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:105 Resp: 1805667

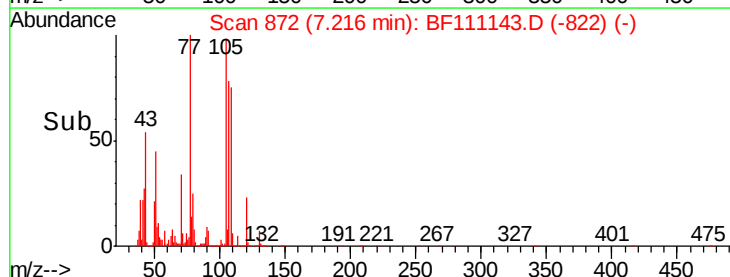
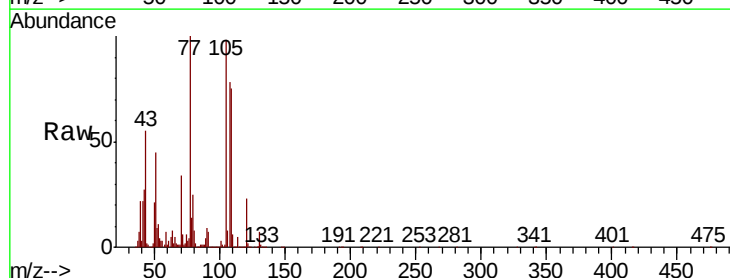
Ion Ratio Lower Upper

105 100

71 5.9 4.0 6.0

51 45.7 29.8 44.8#

120 23.3 18.7 28.1



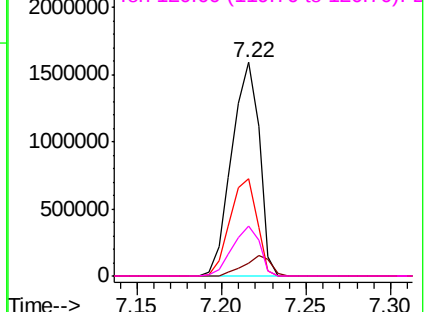
Abundance

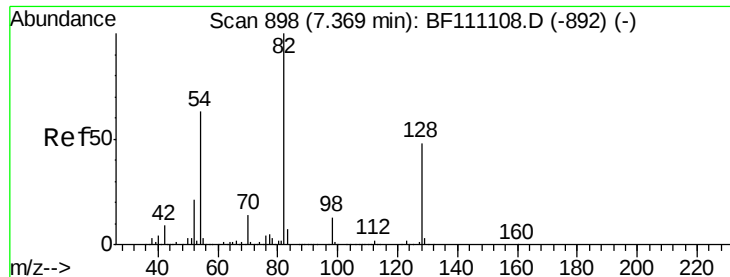
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

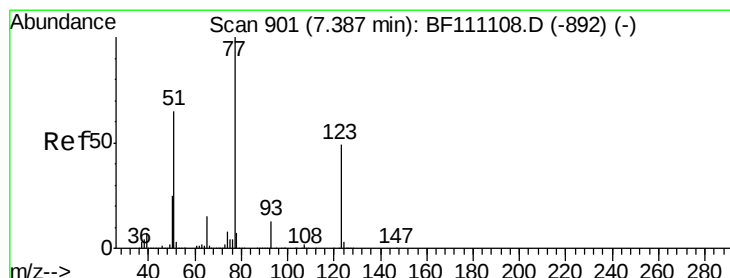
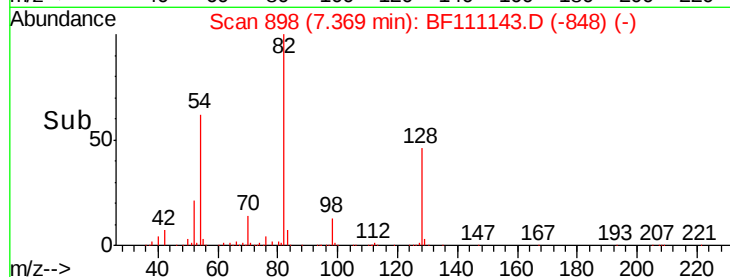
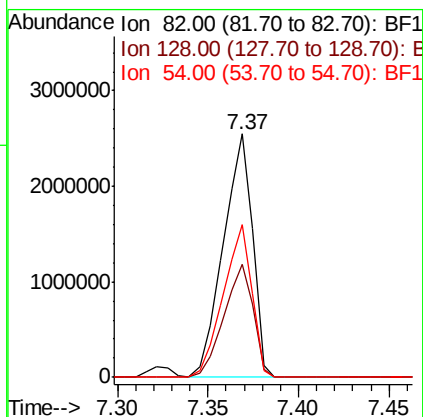
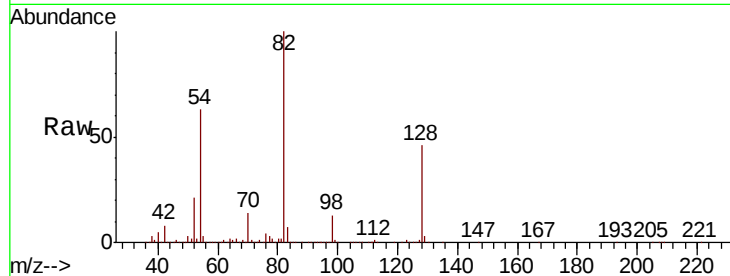




#23
Nitrobenzene-d5
Concen: 88.040 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

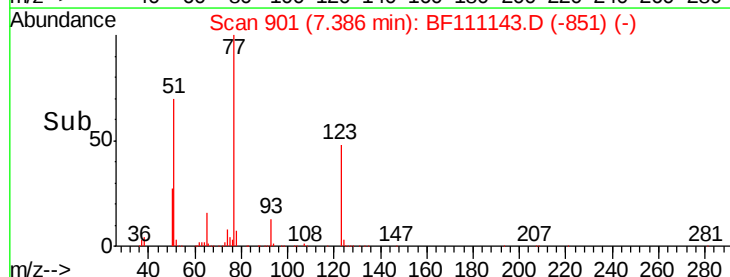
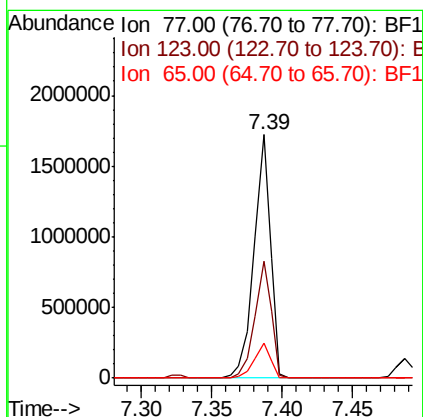
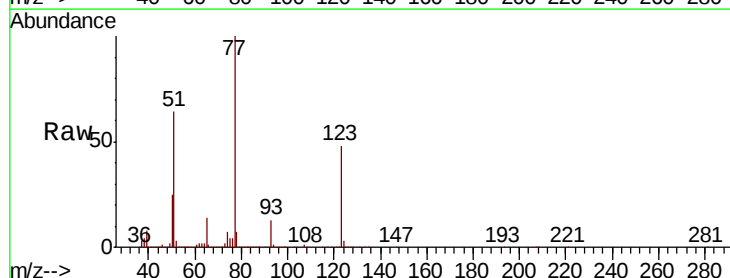
Instrument :
BNA_F
ClientSampleId :

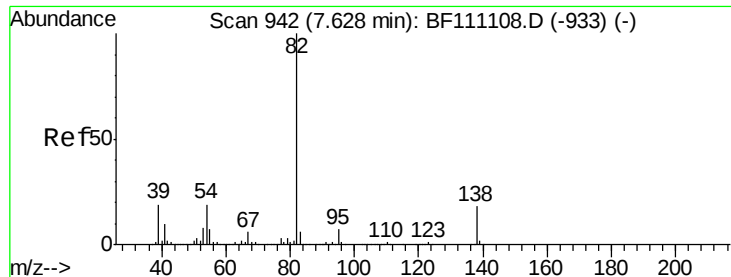
Tot Ion: 82 Resp: 2860008
Ion Ratio Lower Upper
82 100
128 46.3 38.1 57.1
54 62.5 50.3 75.5



#24
Nitrobenzene
Concen: 40.785 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 77 Resp: 1425355
Ion Ratio Lower Upper
77 100
123 48.1 39.5 59.3
65 14.2 11.8 17.6





#25

Isophorone

Concen: 44.153 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

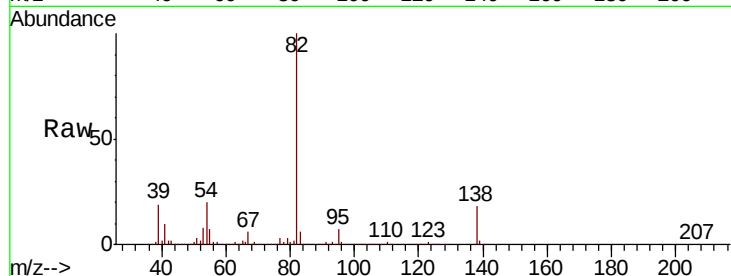
Tot Ion: 82 Resp: 2632333

Ion Ratio Lower Upper

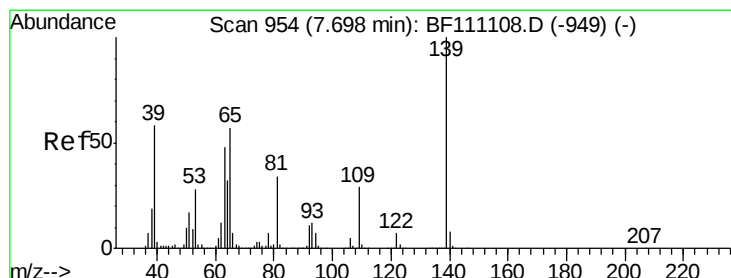
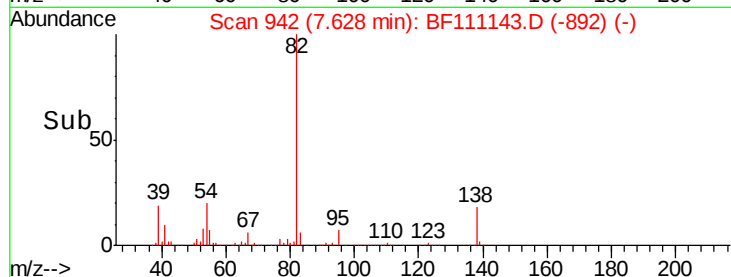
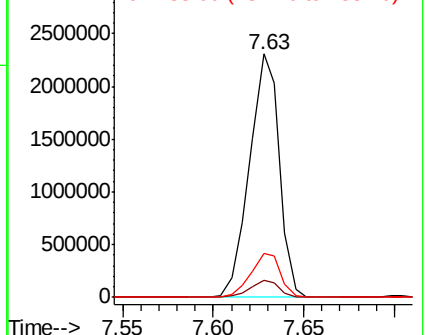
82 100

95 7.0 5.6 8.4

138 18.0 14.6 22.0



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



#26

2-Nitrophenol

Concen: 47.897 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

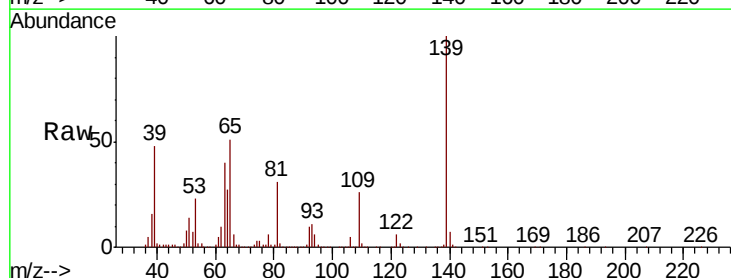
Tgt Ion: 139 Resp: 707294

Ion Ratio Lower Upper

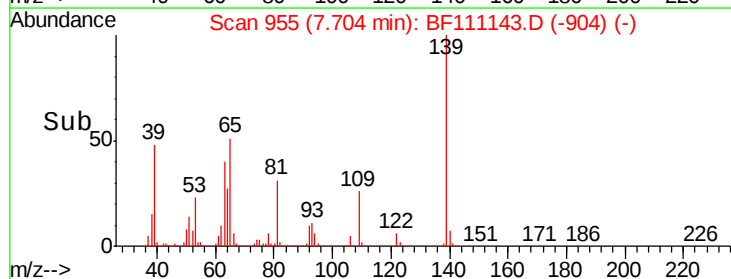
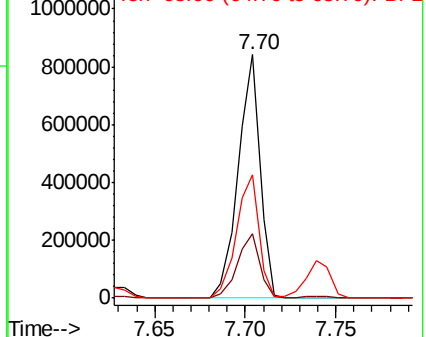
139 100

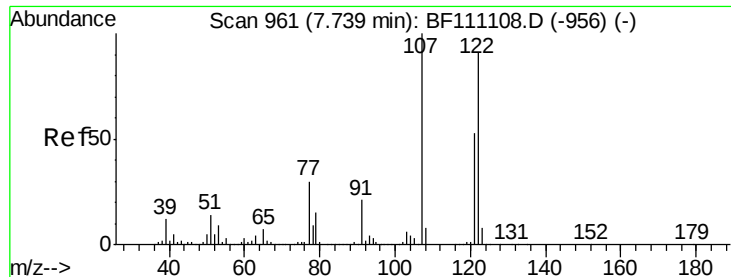
109 26.5 23.1 34.7

65 50.8 45.9 68.9



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

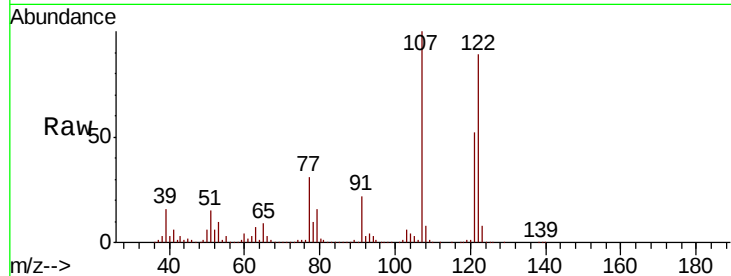




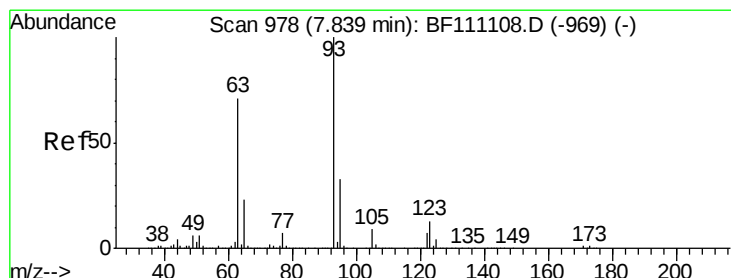
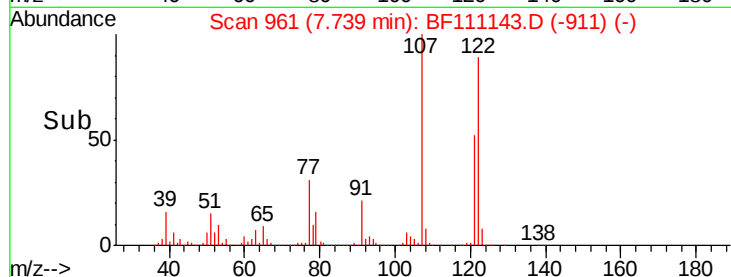
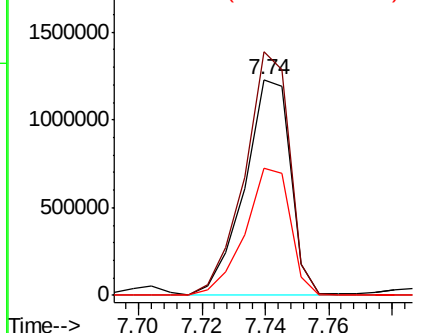
#27
 2,4-Dimethylphenol
 Concen: 44.419 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1235310
 Ion Ratio Lower Upper
 122 100
 107 112.7 87.4 131.0
 121 58.7 45.9 68.9

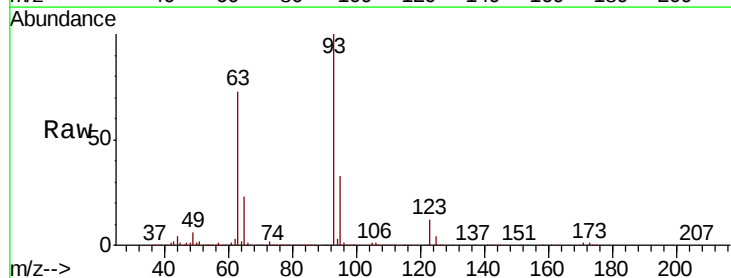


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

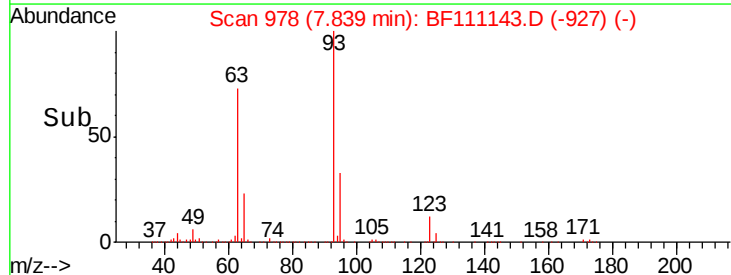
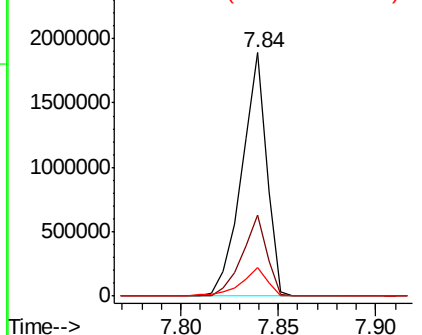


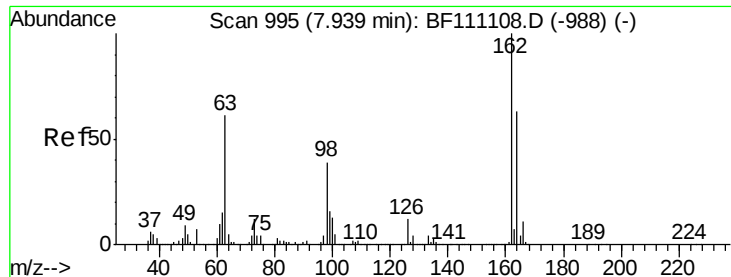
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.354 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion: 93 Resp: 1669032
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 39.8
 123 12.0 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

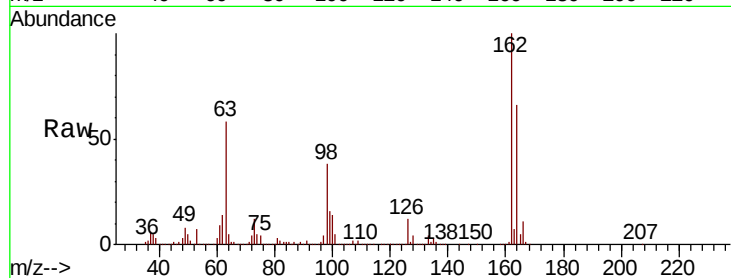




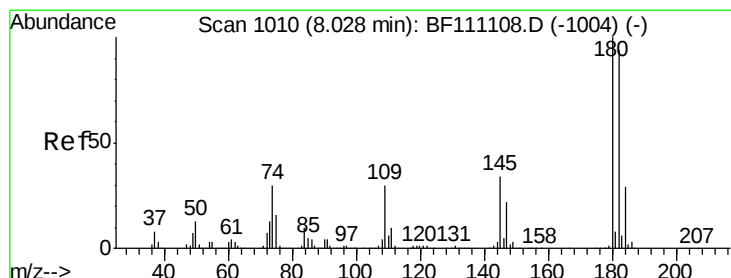
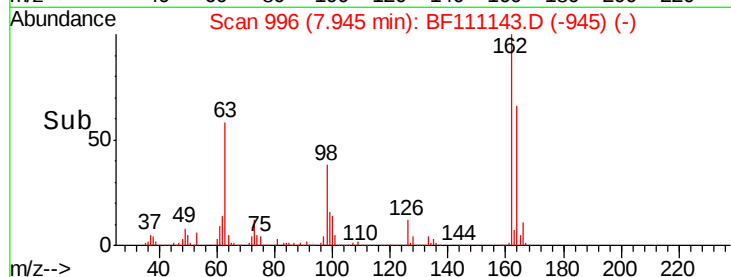
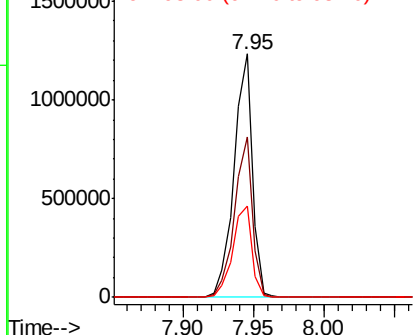
#29
2,4-Dichlorophenol
Concen: 40.902 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1119835
Ion Ratio Lower Upper
162 100
164 65.8 43.3 83.3
98 37.6 18.9 58.9

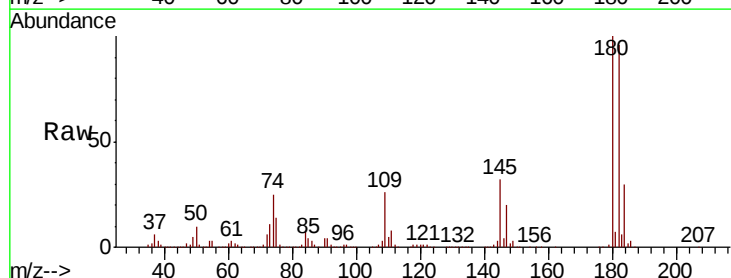


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

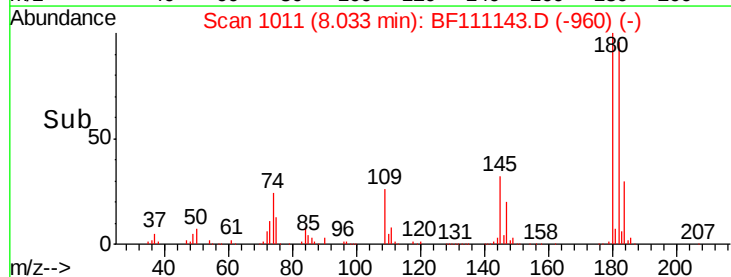
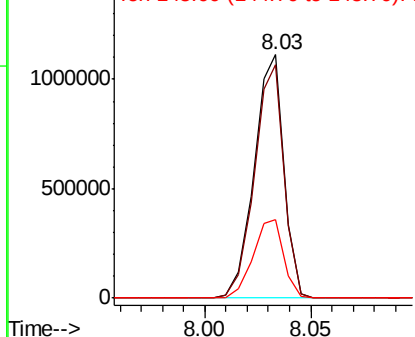


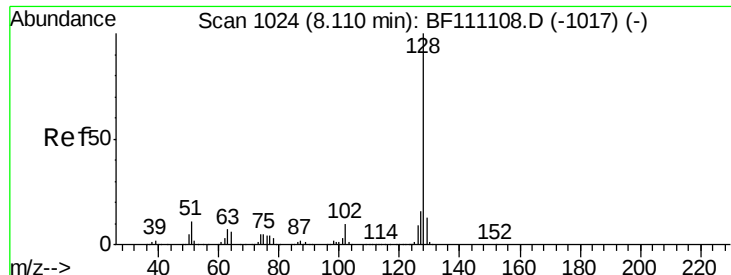
#30
1,2,4-Trichlorobenzene
Concen: 39.180 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:180 Resp: 1082735
Ion Ratio Lower Upper
180 100
182 95.8 75.1 112.7
145 32.1 27.6 41.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

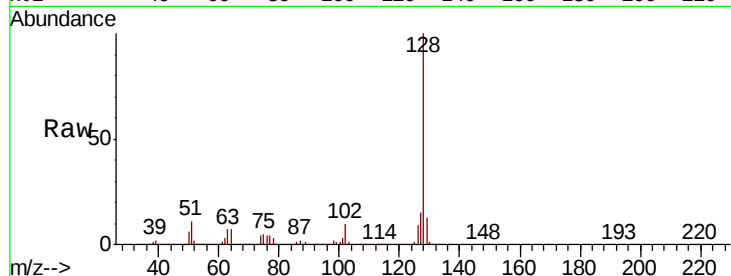




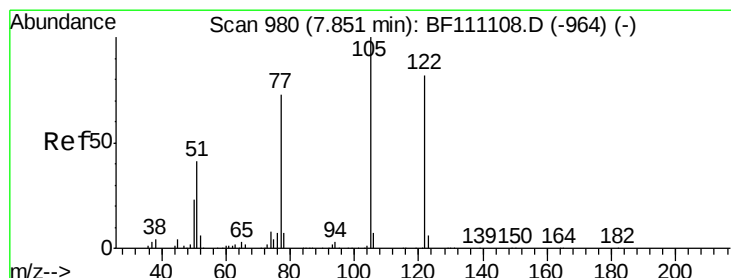
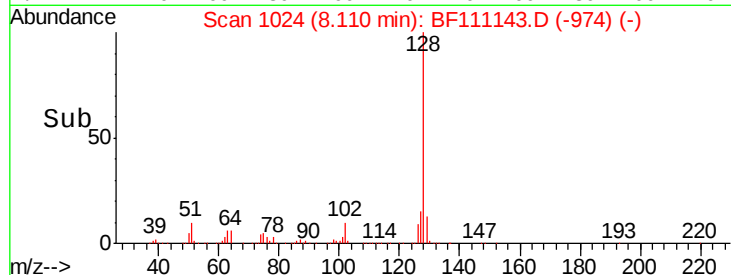
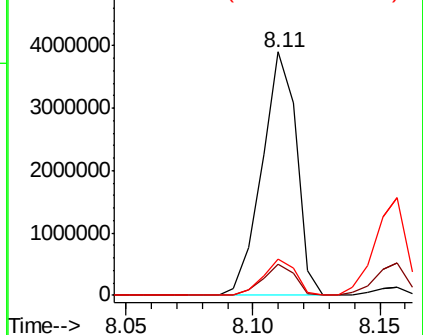
#31
Naphthalene
Concen: 44.374 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3715667
Ion Ratio Lower Upper
128 100
129 12.8 10.5 15.7
127 15.1 12.5 18.7

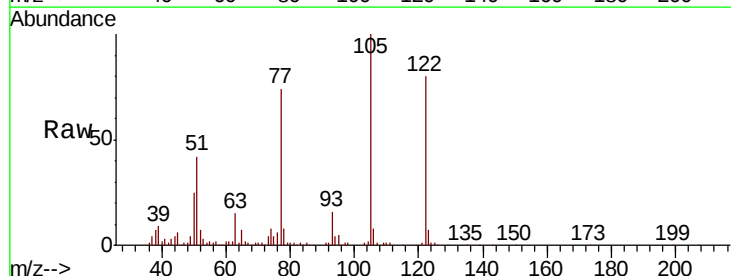


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

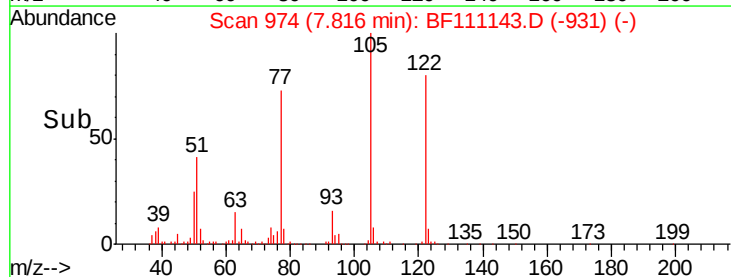
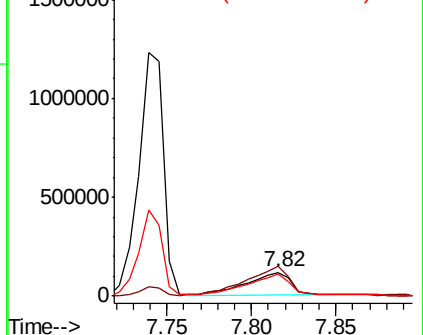


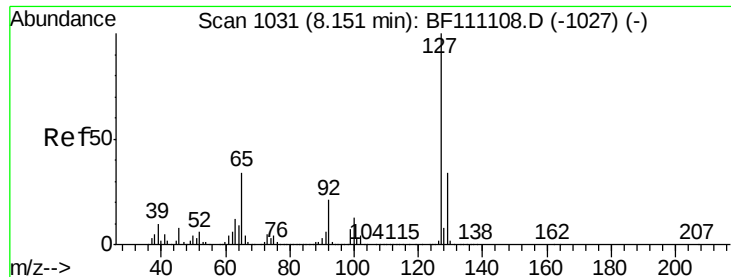
#32
Benzoic acid
Concen: 11.198 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:122 Resp: 205356
Ion Ratio Lower Upper
122 100
105 124.6 100.1 140.1
77 92.5 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

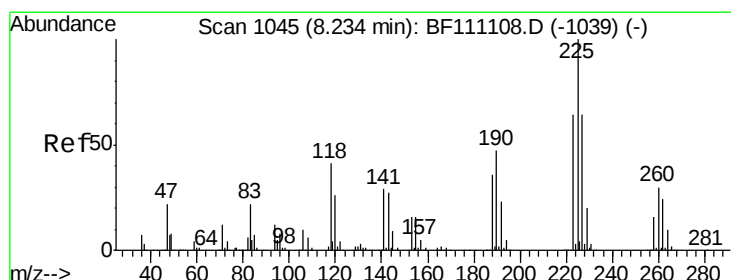
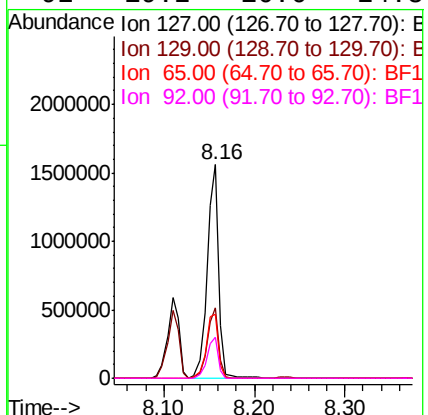
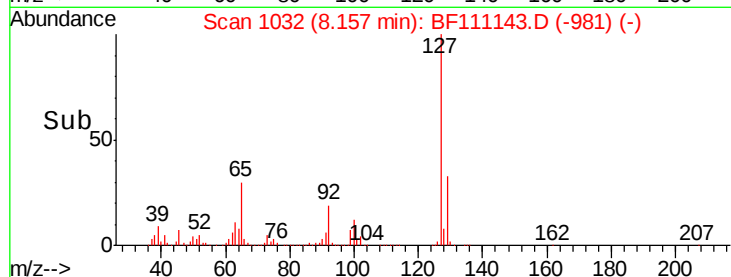
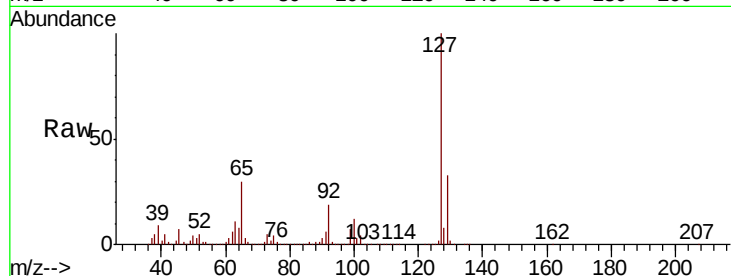




#33
4-Chloroaniline
Concen: 34.536 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

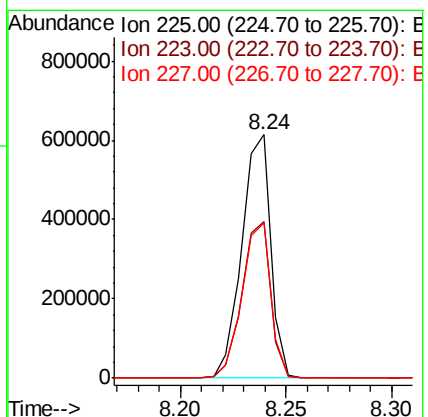
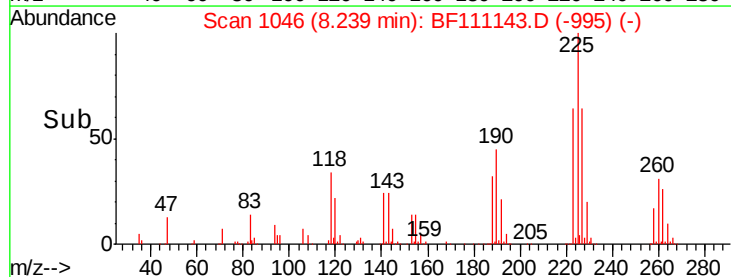
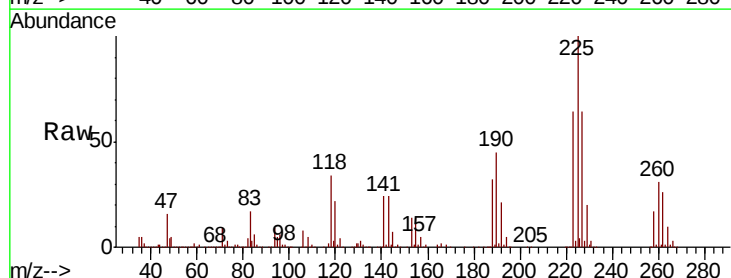
Instrument :
BNA_F
ClientSampleId :

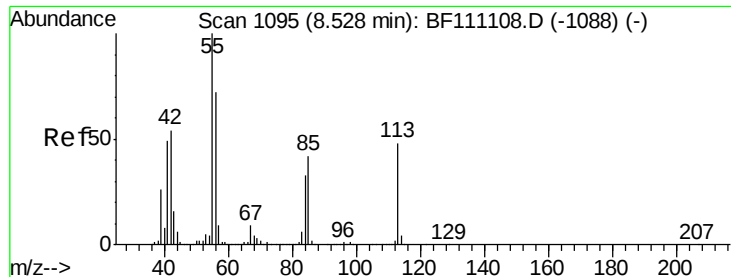
Tot Ion:127 Resp: 1397885
Ion Ratio Lower Upper
127 100
129 33.0 27.0 40.6
65 30.2 27.2 40.8
92 19.2 16.6 24.8



#34
Hexachlorobutadiene
Concen: 38.903 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:225 Resp: 584249
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.2
227 64.0 51.0 76.4

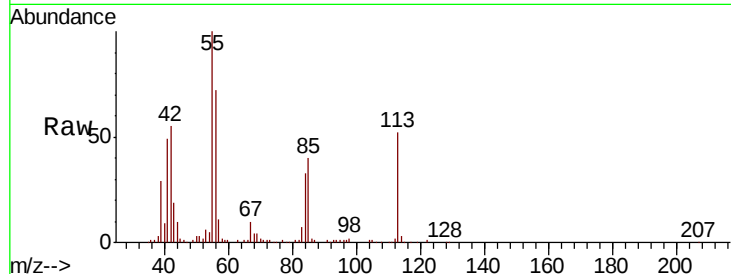




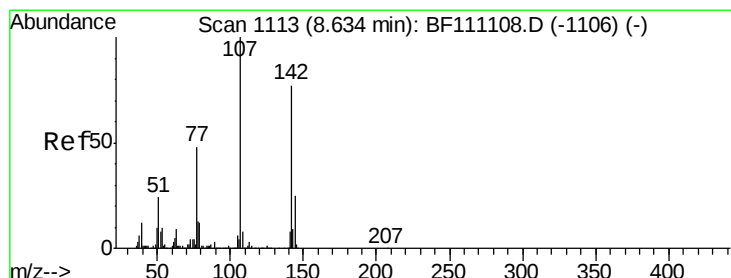
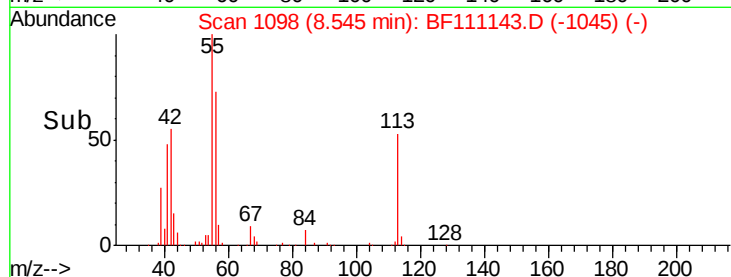
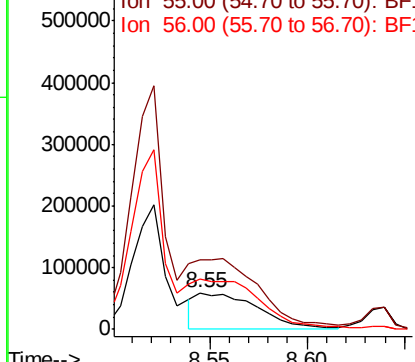
#35
 Caprolactam
 Concen: 12.940 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 130084
 Ion Ratio Lower Upper
 113 100
 55 190.8 190.6 230.6
 56 137.4 130.9 170.9

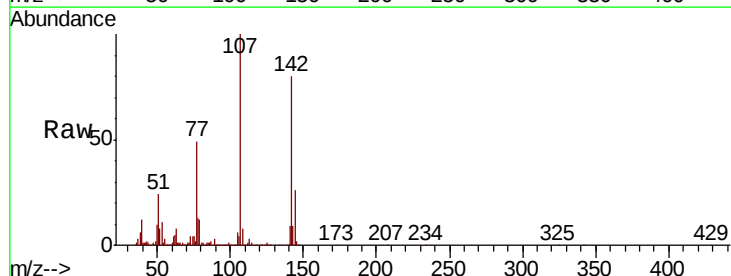


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

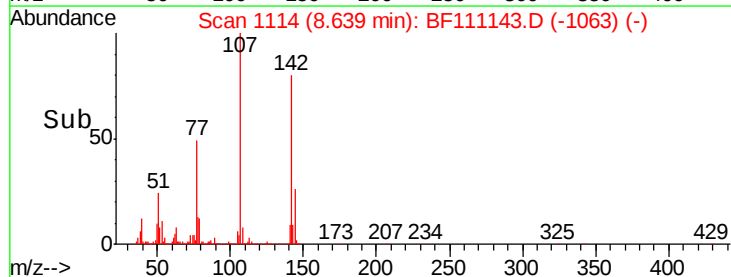
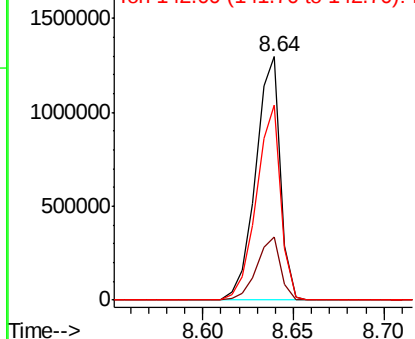


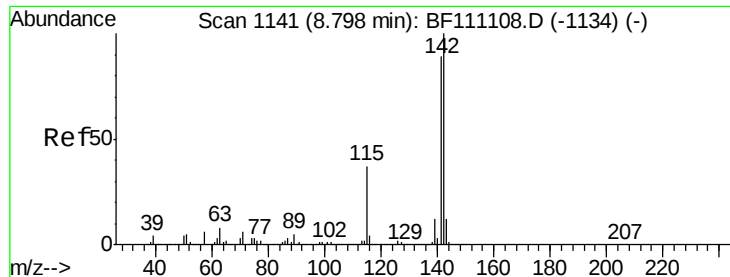
#36
 4-Chloro-3-methylphenol
 Concen: 40.836 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:107 Resp: 1224635
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.9 29.9
 142 80.2 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

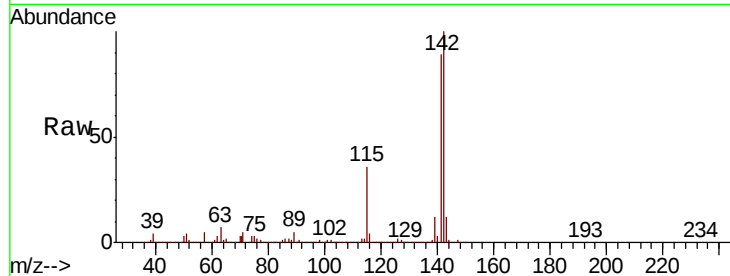




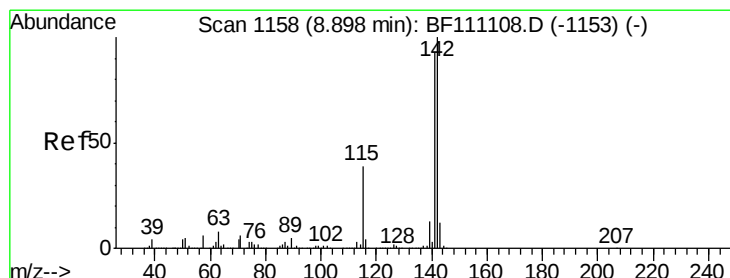
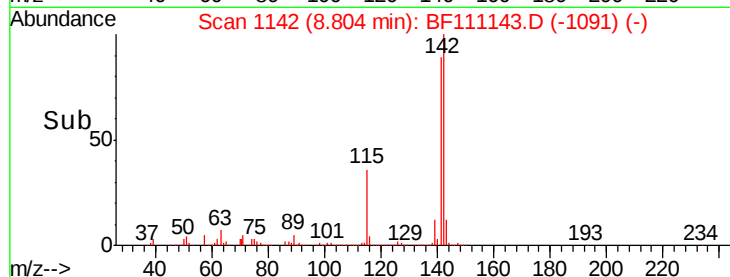
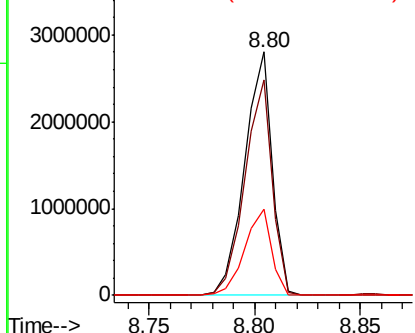
#37
2-Methylnaphthalene
Concen: 43.859 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2533309
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0
115 35.5 29.2 43.8

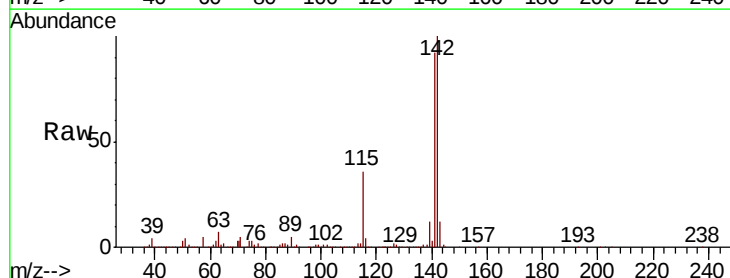


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

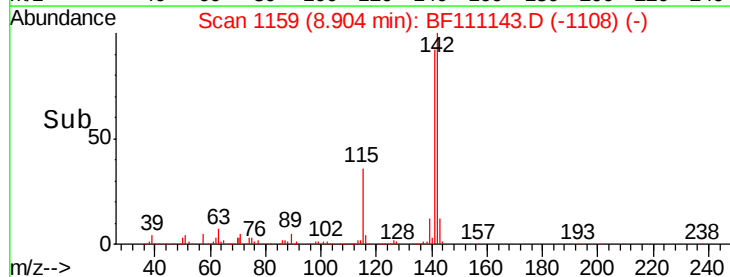
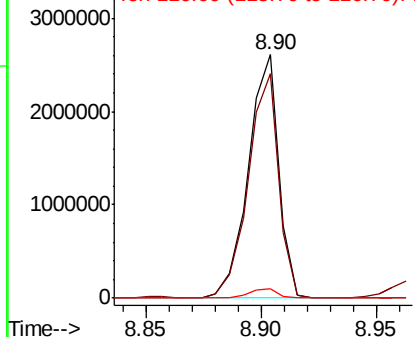


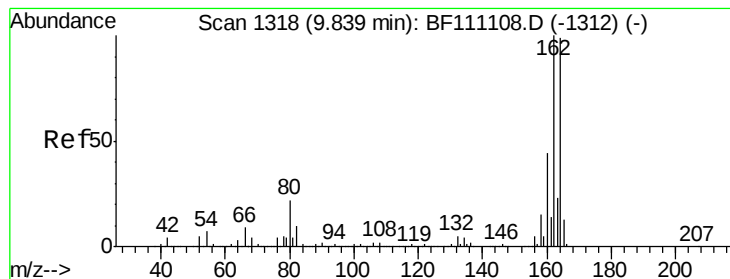
#38
1-Methylnaphthalene
Concen: 43.161 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:142 Resp: 2396798
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7
116 3.9 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. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

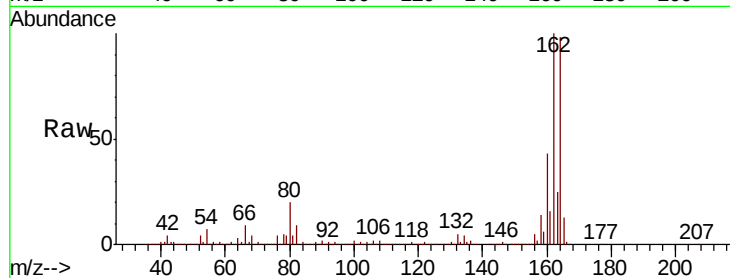
Tot Ion:164 Resp: 908120

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 43.5 35.5 53.3

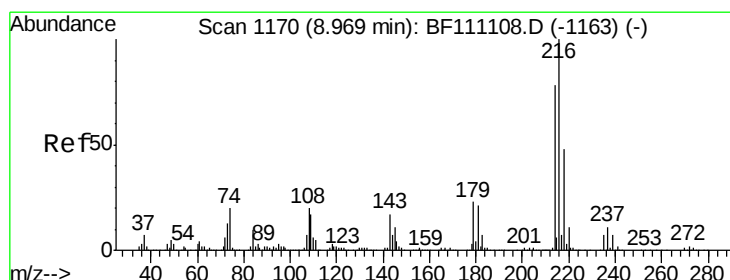
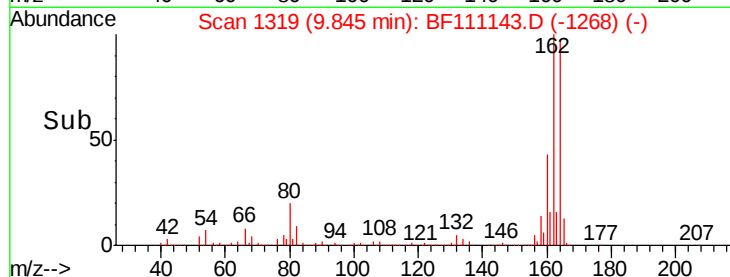
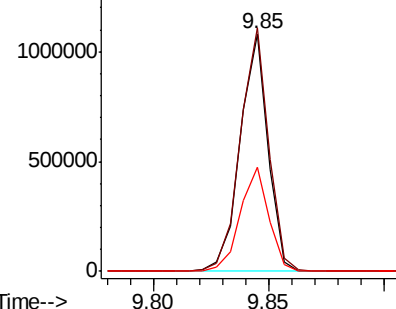


Abundance

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: 37.289 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:216 Resp: 902509

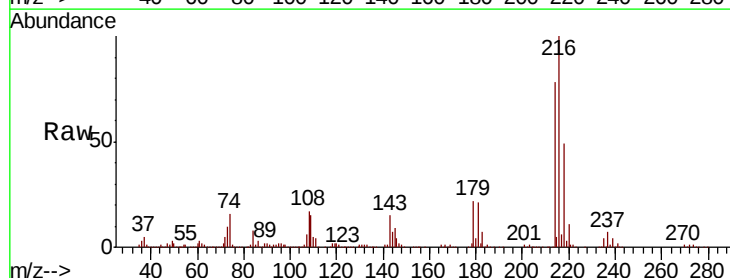
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 23.3 18.5 27.7

108 25.8 19.1 28.7



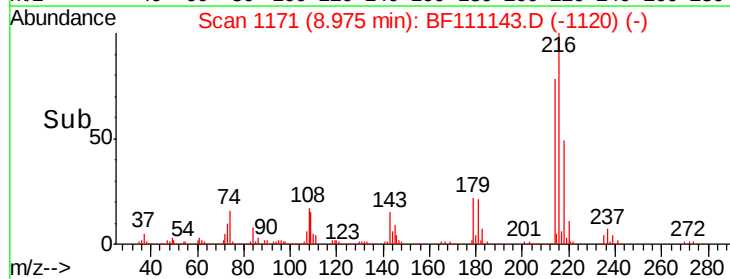
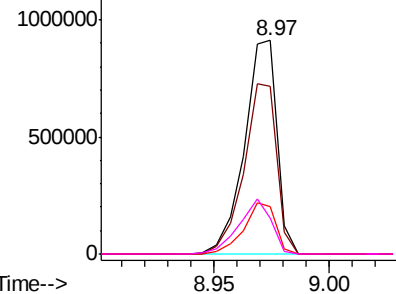
Abundance

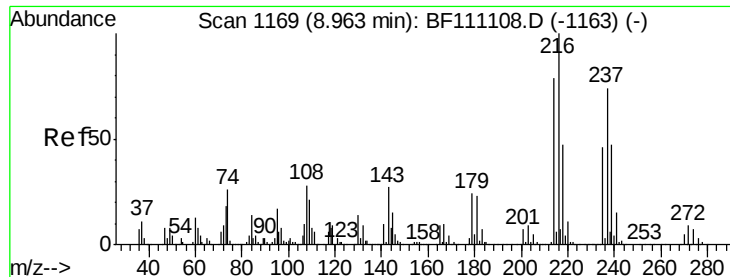
Ion 216.00 (215.70 to 216.70): E

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: 82.361 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

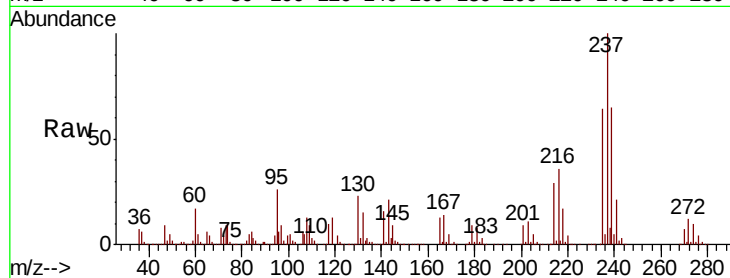
Tot Ion:237 Resp: 1051098

Ion Ratio Lower Upper

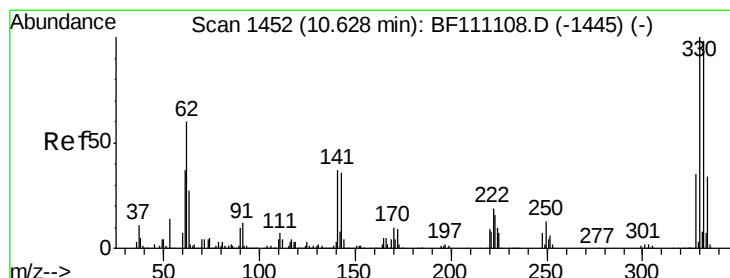
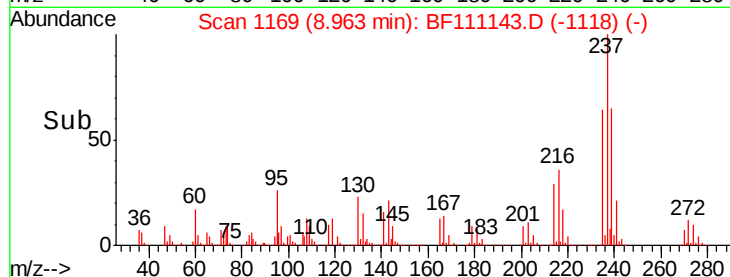
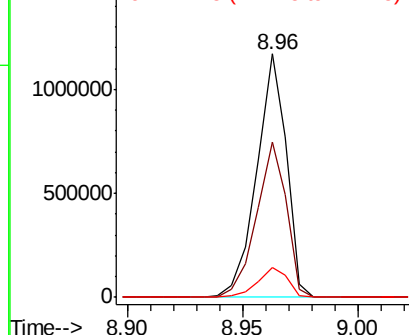
237 100

235 63.7 41.9 81.9

272 12.3 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: 128.997 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

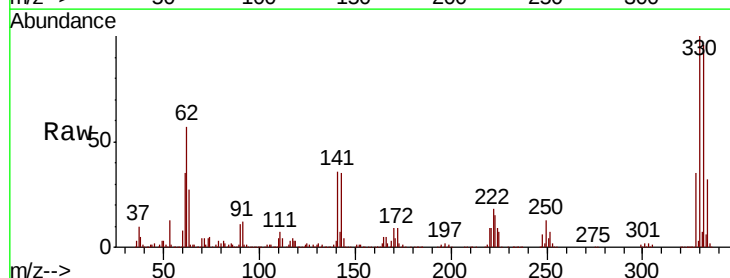
Tgt Ion:330 Resp: 931164

Ion Ratio Lower Upper

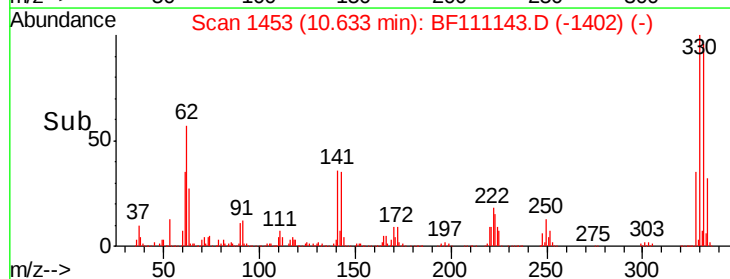
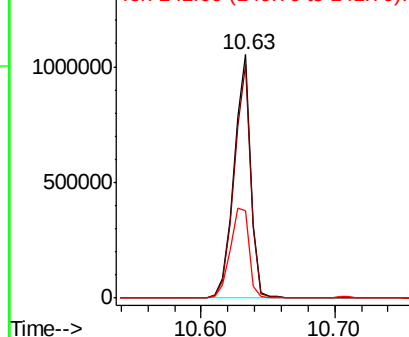
330 100

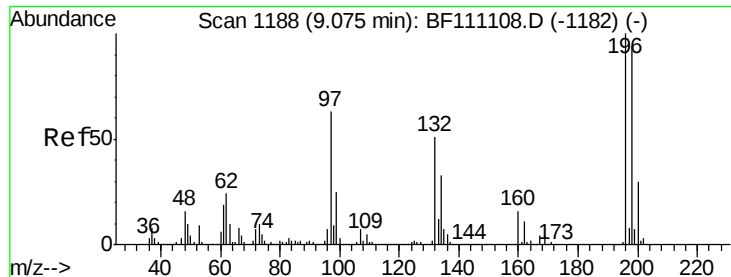
332 95.6 77.2 115.8

141 42.3 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

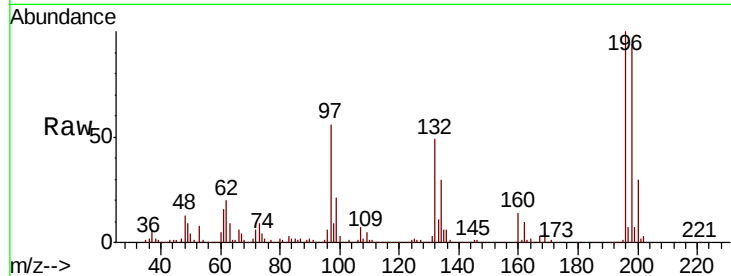




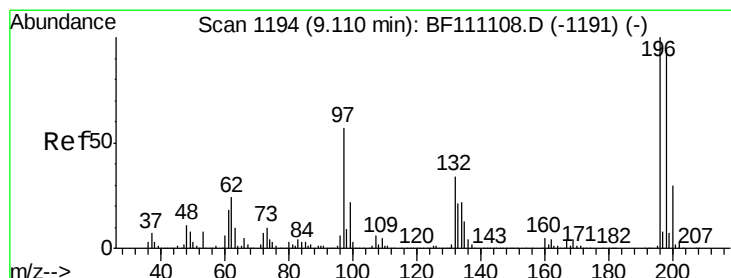
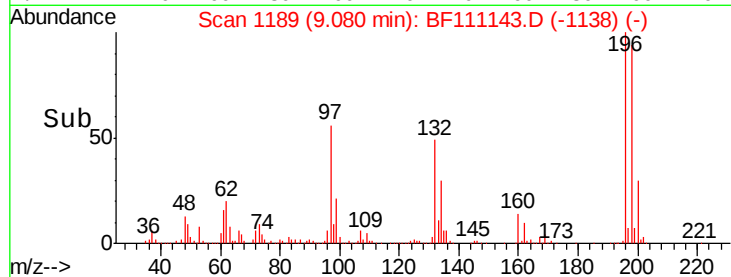
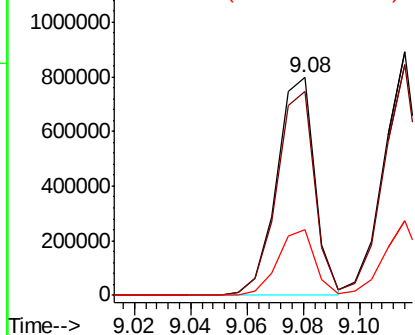
#43
 2,4,6-Trichlorophenol
 Concen: 42.125 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 744643
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.4 113.0
 200 30.0 24.2 36.4

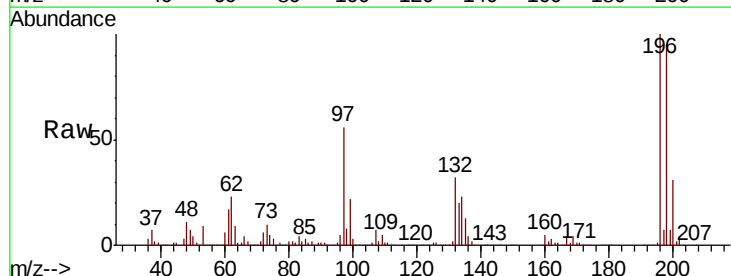


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

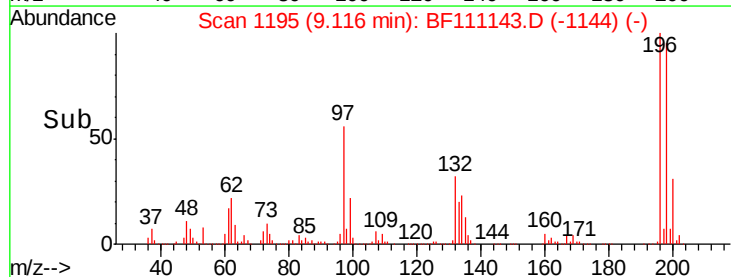
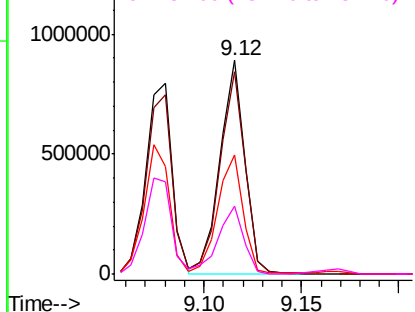


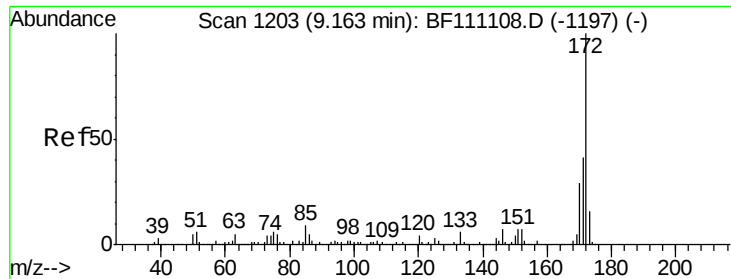
#44
 2,4,5-Trichlorophenol
 Concen: 43.756 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:196 Resp: 784081
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.0 112.4
 97 56.0 46.2 69.4
 132 31.8 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

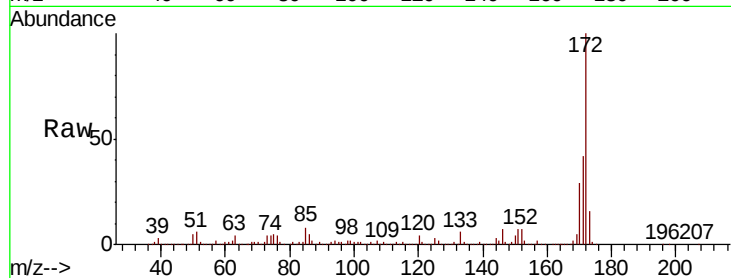




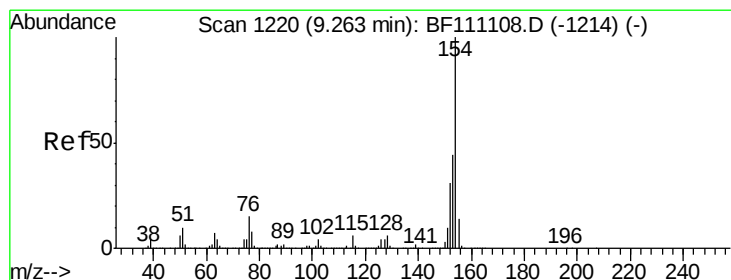
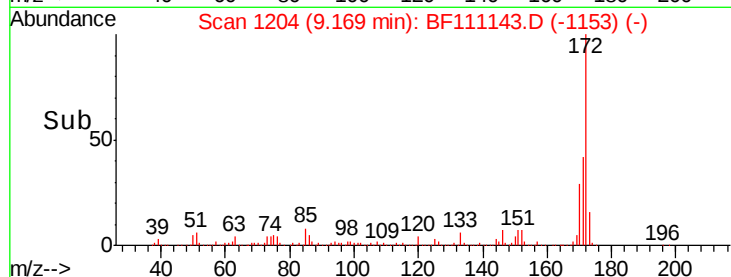
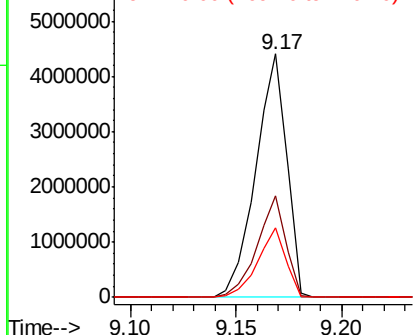
#45
2-Fluorobiphenyl
Concen: 92.721 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4484786
Ion Ratio Lower Upper
172 100
171 41.8 33.2 49.8
170 28.7 22.9 34.3

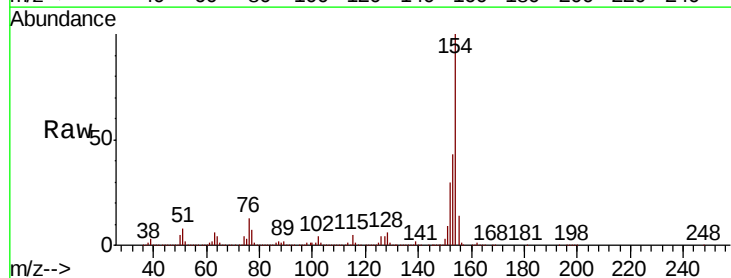


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

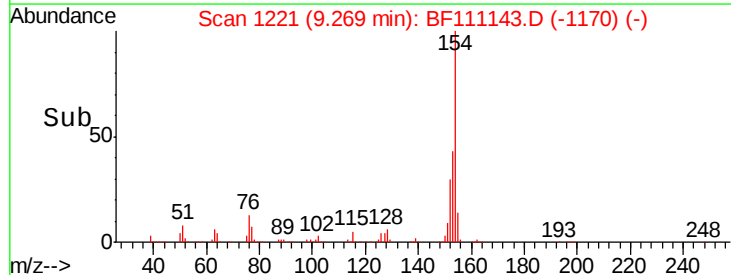
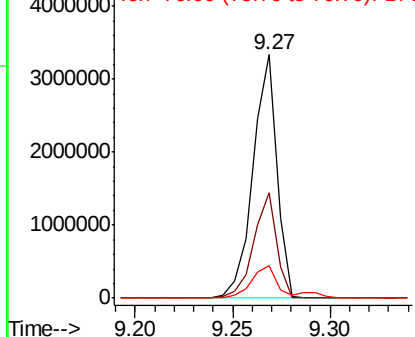


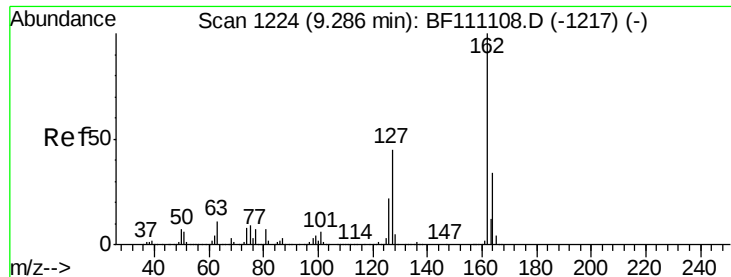
#46
1,1'-Biphenyl
Concen: 38.100 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:154 Resp: 2832422
Ion Ratio Lower Upper
154 100
153 43.4 23.7 63.7
76 13.5 0.0 35.0



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

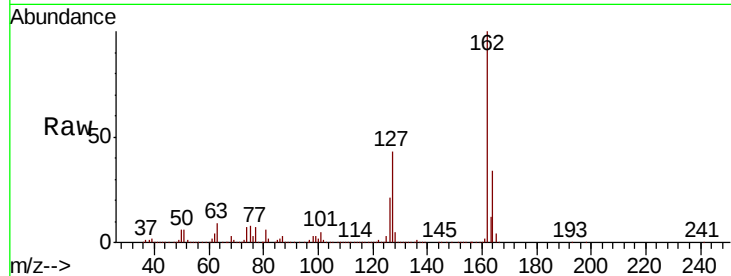




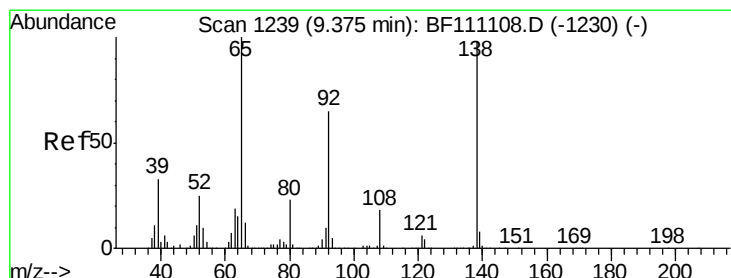
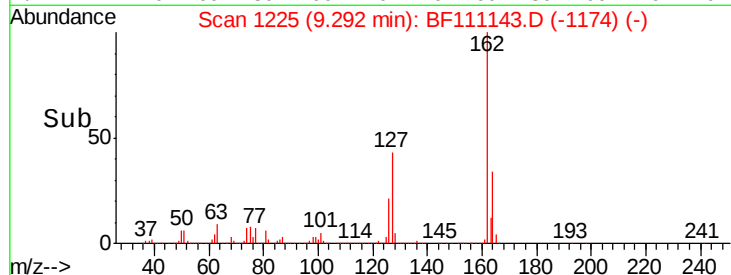
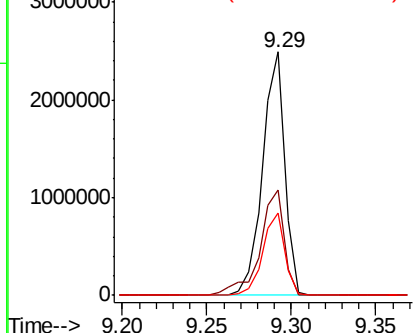
#47
 2-Chloronaphthalene
 Concen: 39.258 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2267845
 Ion Ratio Lower Upper
 162 100
 127 43.3 36.4 54.6
 164 33.6 27.3 40.9

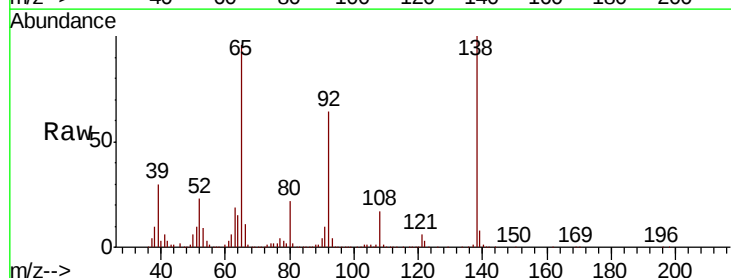


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

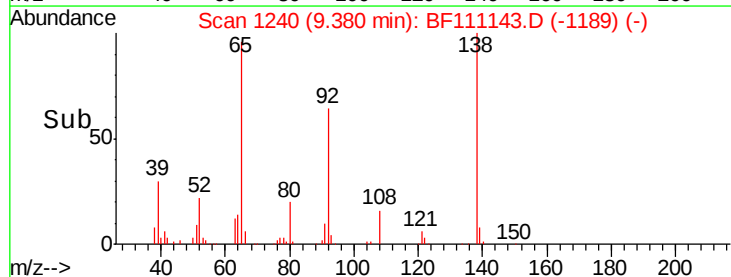
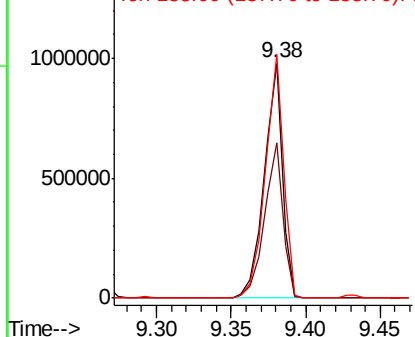


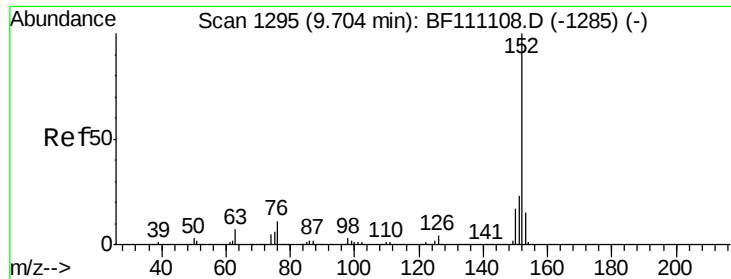
#48
 2-Nitroaniline
 Concen: 43.700 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion: 65 Resp: 818097
 Ion Ratio Lower Upper
 65 100
 92 65.9 52.1 78.1
 138 103.7 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: 44.138 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

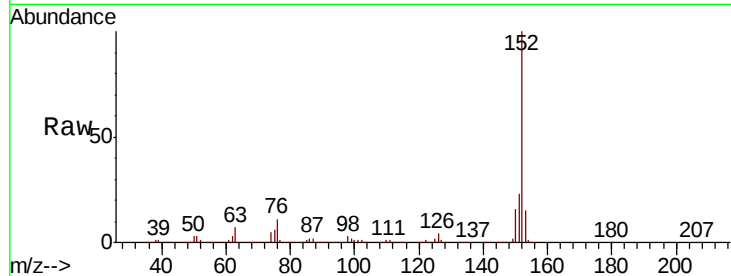
Tot Ion:152 Resp: 3564050

Ion Ratio Lower Upper

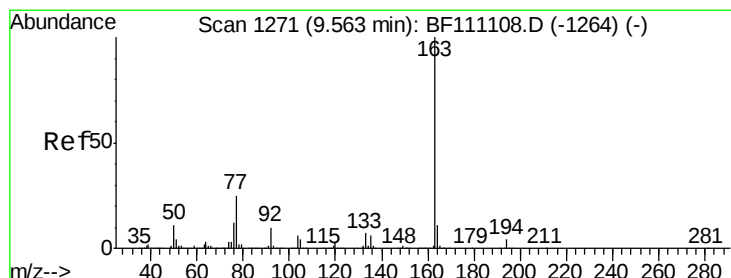
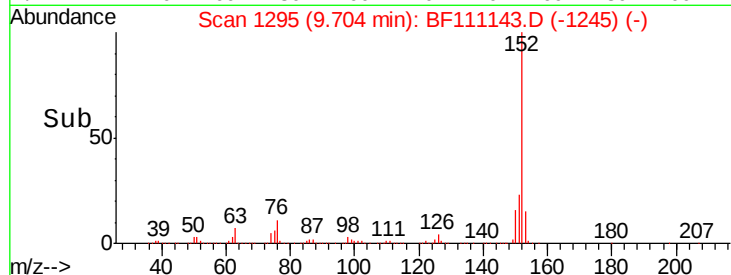
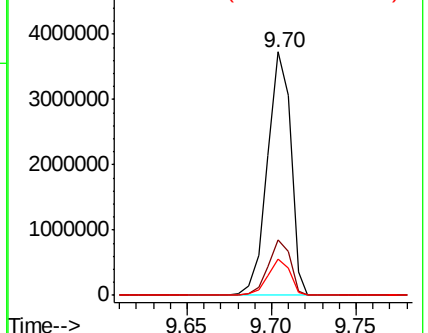
152 100

151 22.9 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: 47.471 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

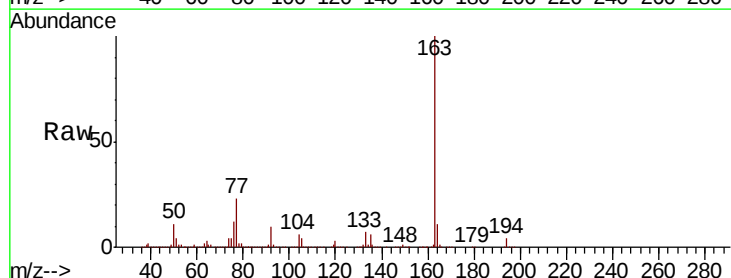
Tgt Ion:163 Resp: 3000233

Ion Ratio Lower Upper

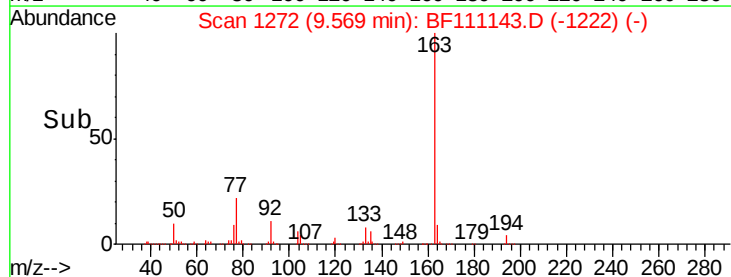
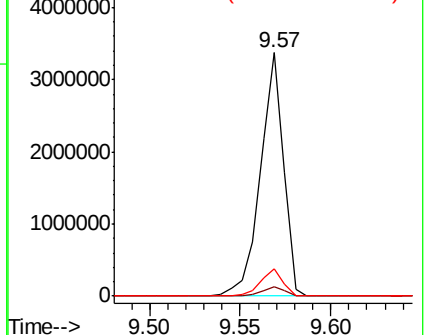
163 100

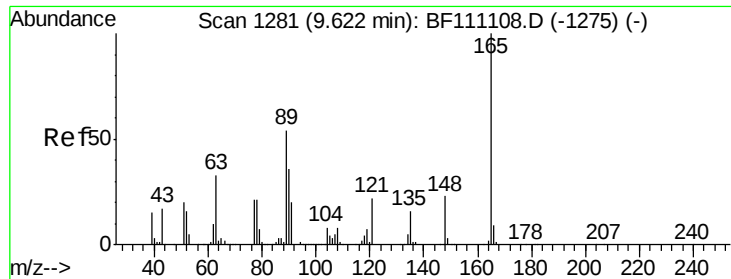
194 4.0 3.0 4.4

164 11.2 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: 46.814 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

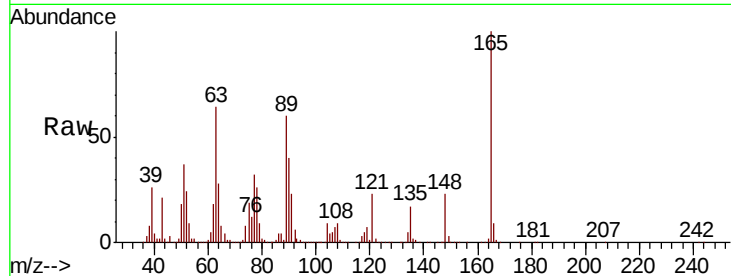
Tot Ion:165 Resp: 627298

Ion Ratio Lower Upper

165 100

63 64.0 44.7 67.1

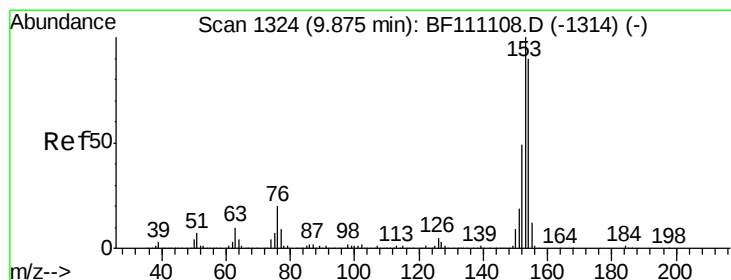
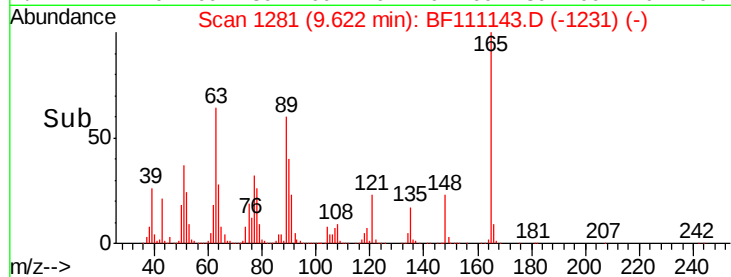
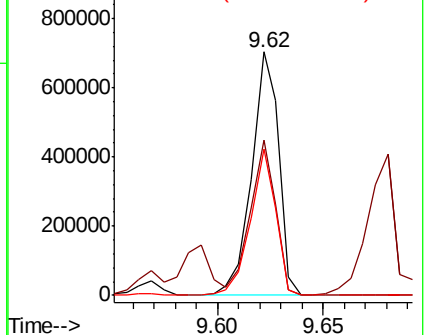
89 60.1 43.0 64.4



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: 41.779 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

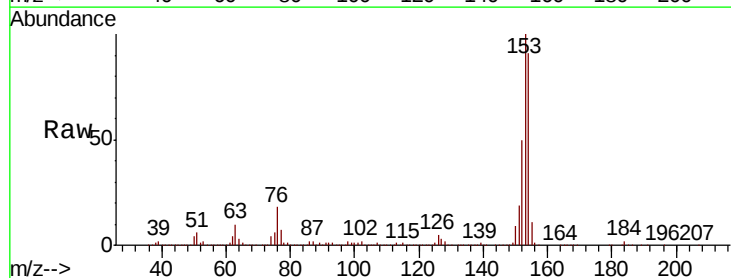
Tgt Ion:154 Resp: 2228736

Ion Ratio Lower Upper

154 100

153 109.5 88.7 133.1

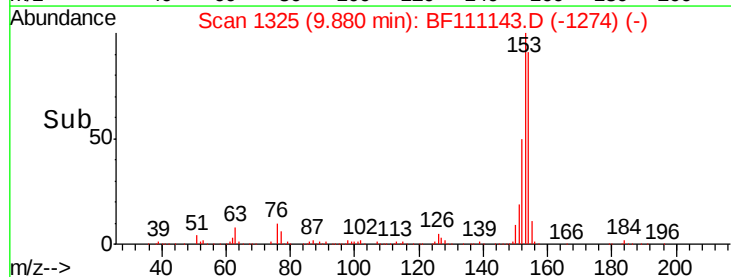
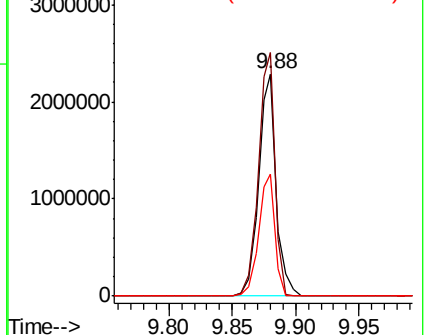
152 55.1 43.8 65.8

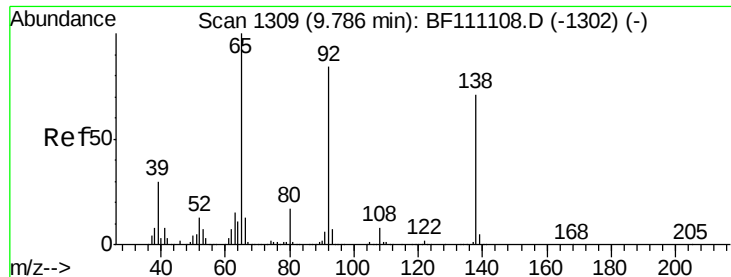


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

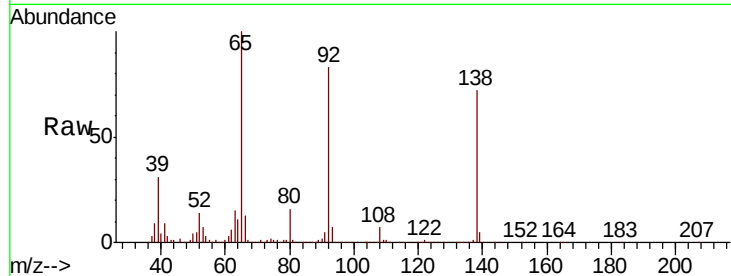




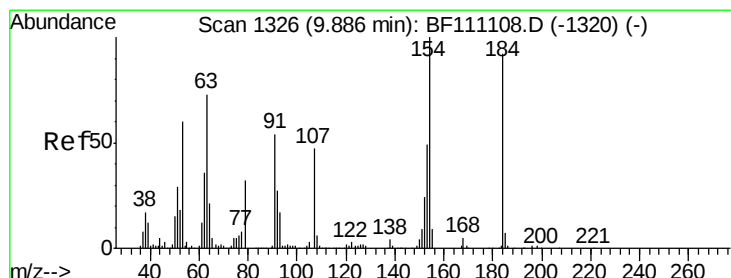
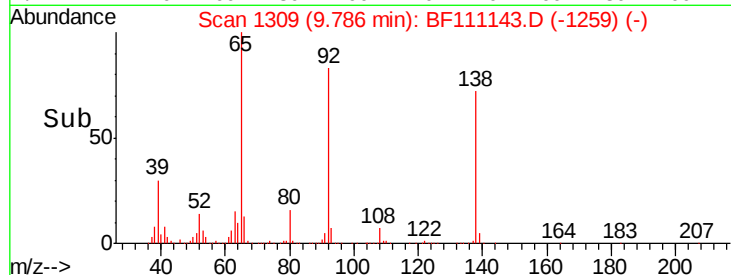
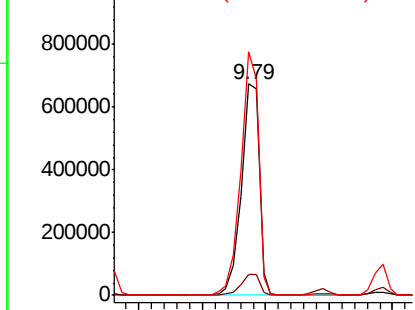
#53
3-Nitroaniline
Concen: 38.931 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 655272
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 115.2 94.1 141.1

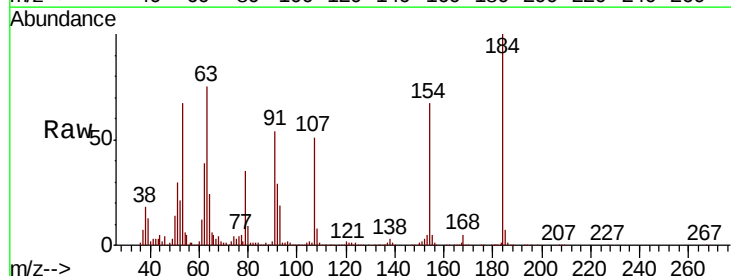


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

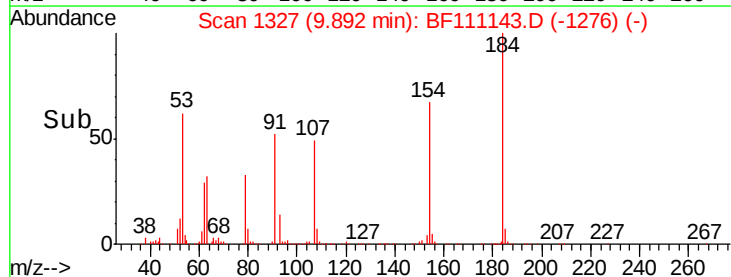
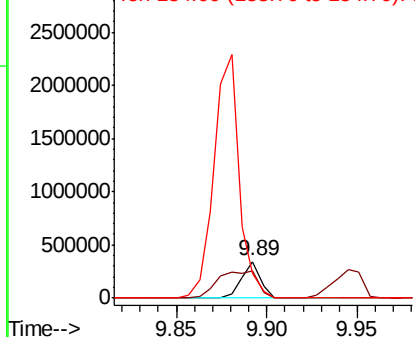


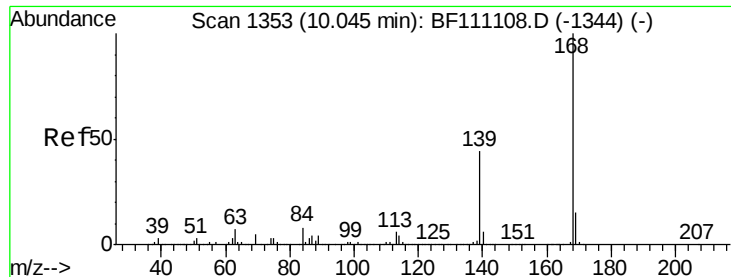
#54
2,4-Dinitrophenol
Concen: 61.813 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:184 Resp: 255492
Ion Ratio Lower Upper
184 100
63 74.8 64.2 96.4
154 67.2 89.5 134.3#



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

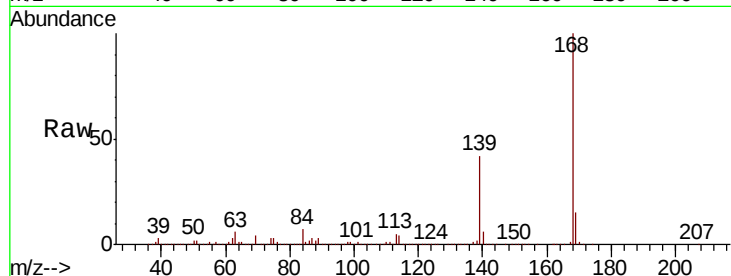




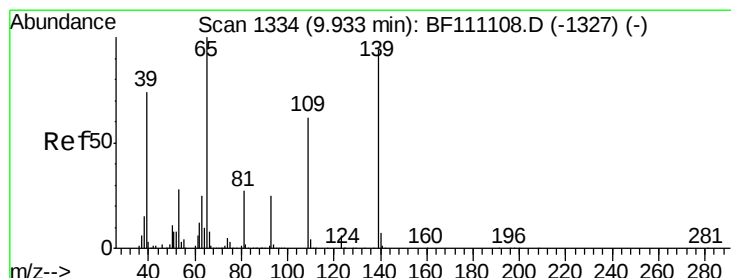
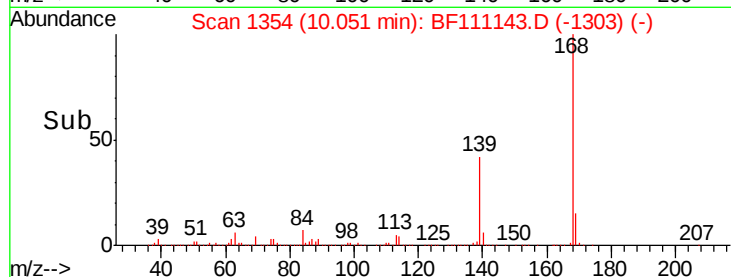
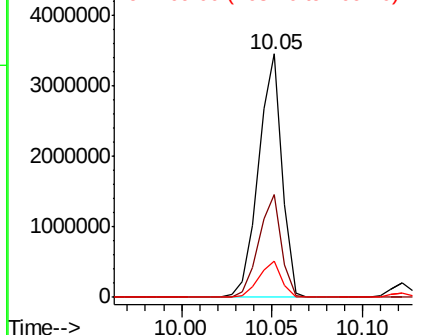
#55
Dibenzofuran
Concen: 42.234 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3103154
Ion Ratio Lower Upper
168 100
139 42.0 35.1 52.7
169 15.0 12.2 18.4

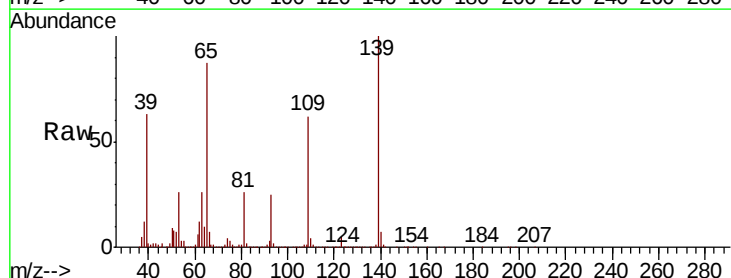


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

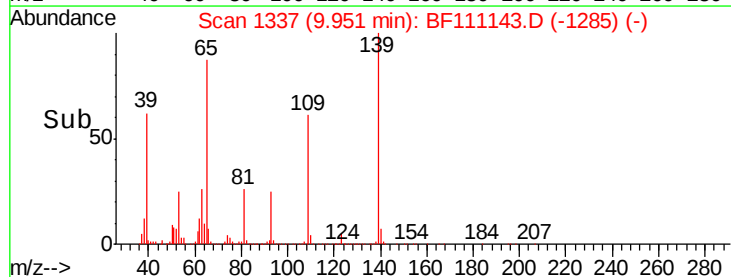
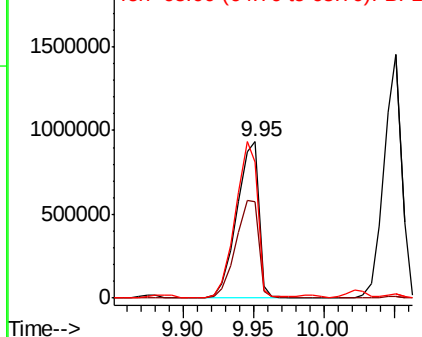


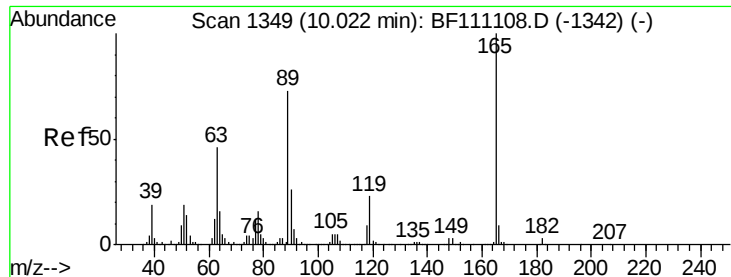
#56
4-Nitrophenol
Concen: 79.889 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:139 Resp: 1013282
Ion Ratio Lower Upper
139 100
109 61.5 46.1 86.1
65 87.3 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

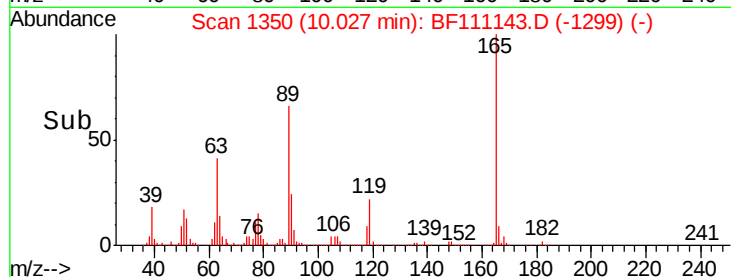
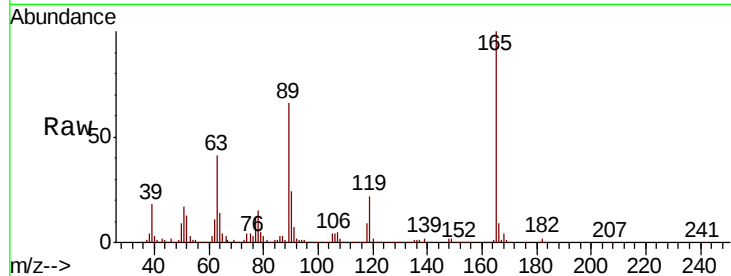




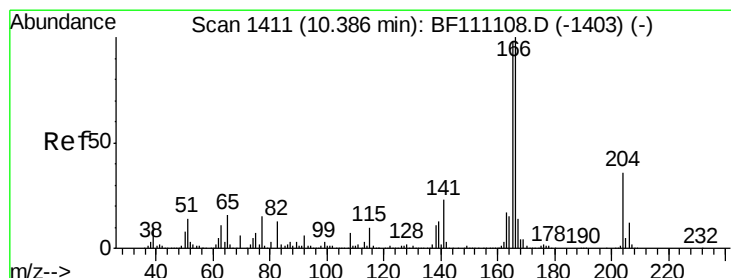
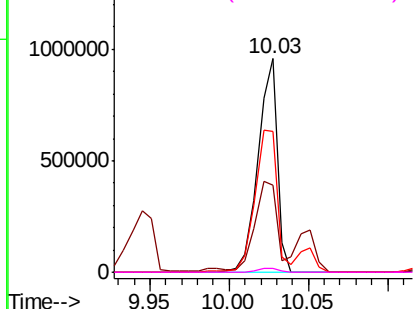
#57
2,4-Dinitrotoluene
Concen: 47.063 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	36.7	55.1
89	65.8	58.4	87.6
182	2.1	2.1	3.1

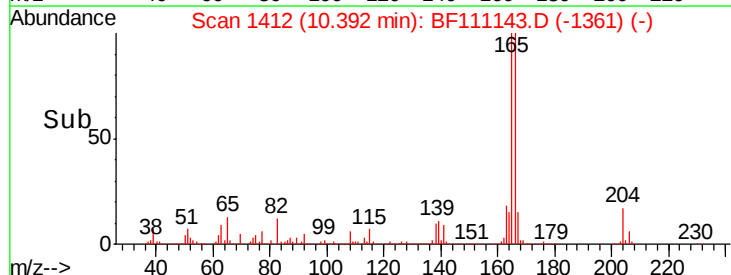
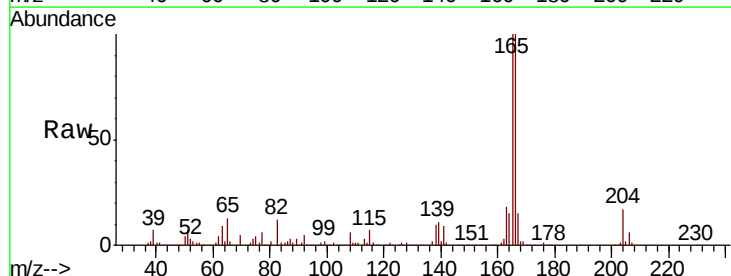


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

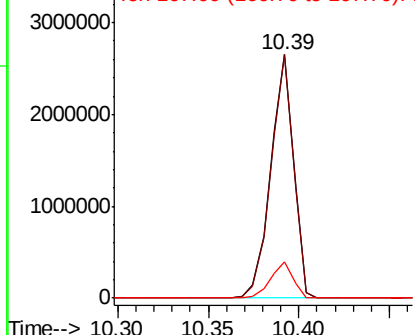


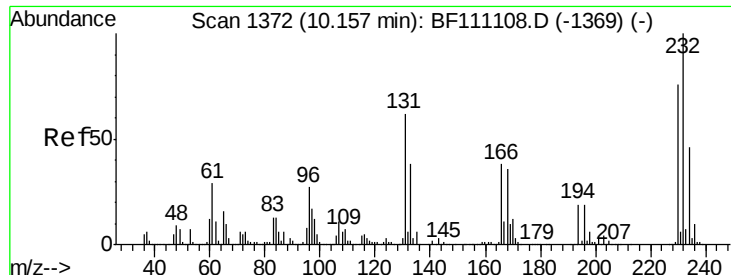
#58
Fluorene
Concen: 44.835 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.4	117.6
167	14.8	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

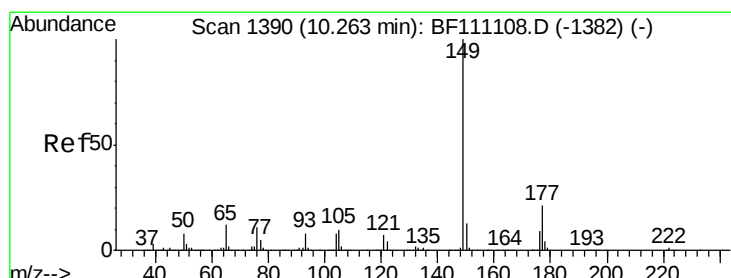
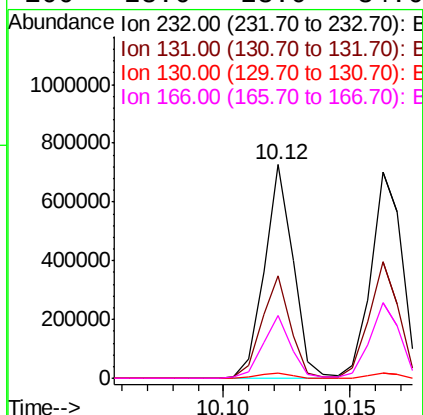
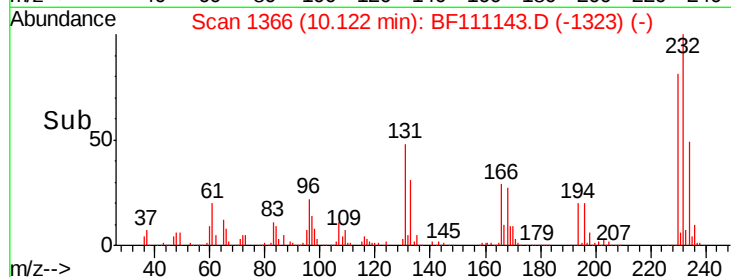
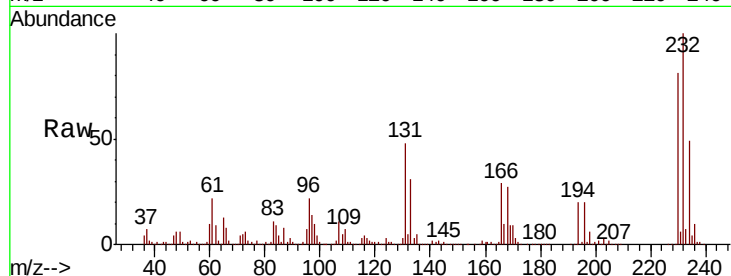




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.388 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.05 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

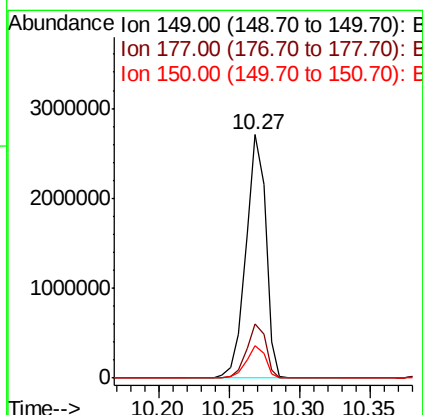
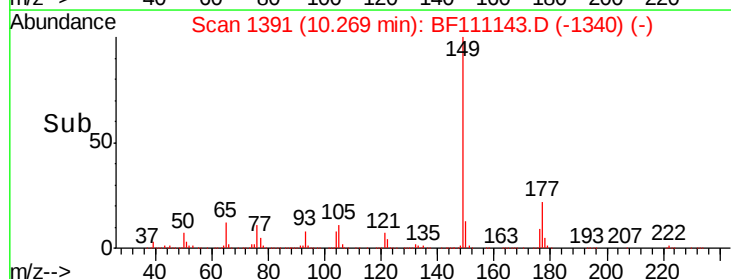
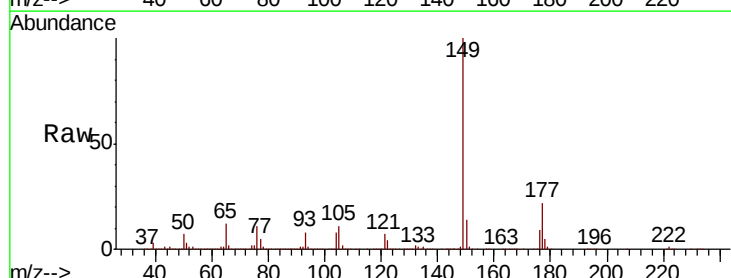
Instrument :
 BNA_F
 ClientSampleId :

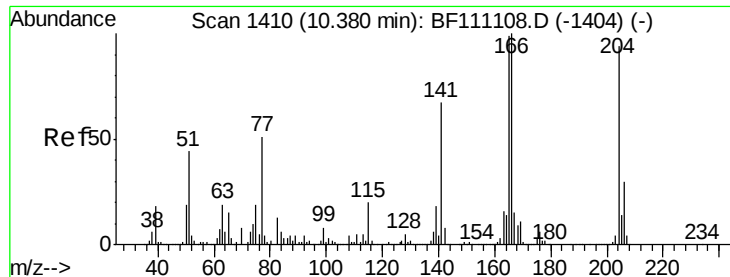
Tot Ion:	232	Resp:	580279
Ion	Ratio	Lower	Upper
232	100		
131	48.4	40.4	60.6
130	2.7	2.1	3.1
166	28.6	23.0	34.6



#60
 Diethylphthalate
 Concen: 42.076 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:	149	Resp:	2657572
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	13.5	10.5	15.7

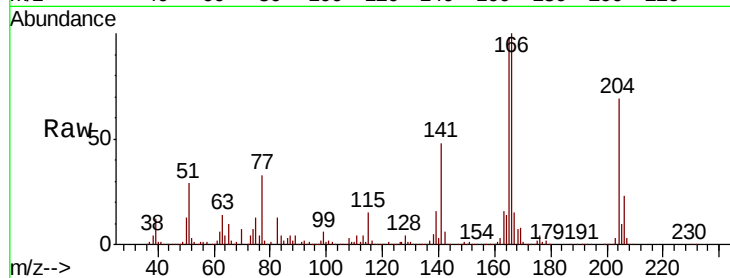




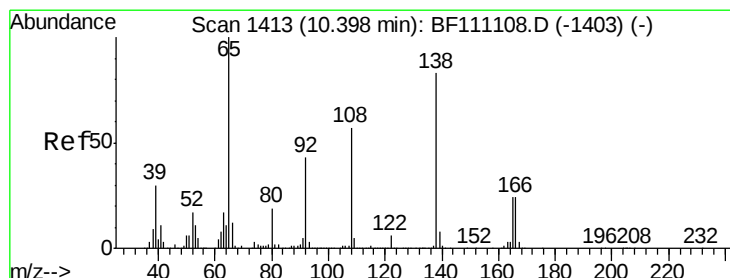
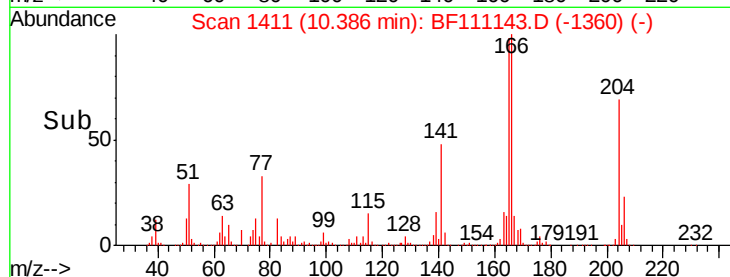
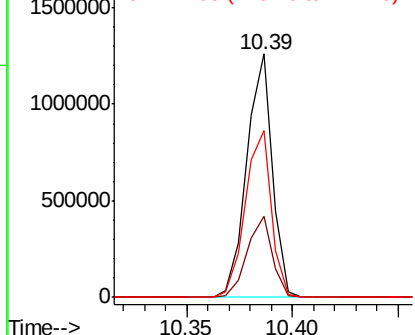
#61
4-Chlorophenyl-phenylether
Concen: 41.336 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1055488
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 68.6 57.4 86.0

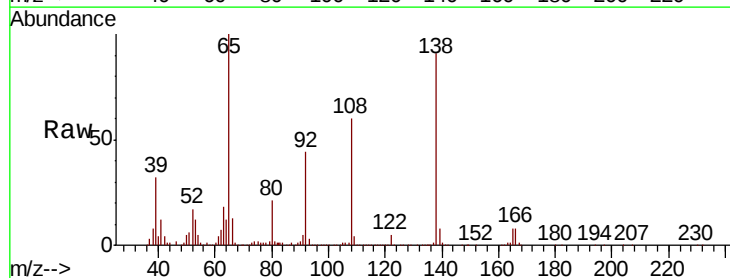


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

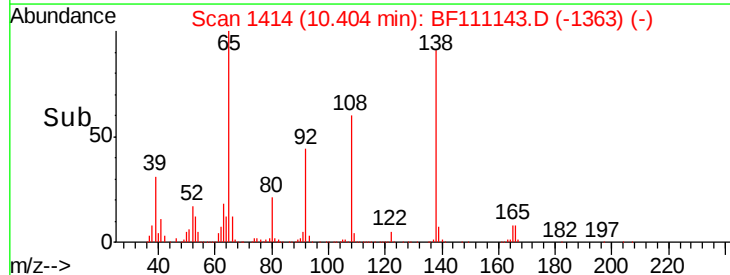
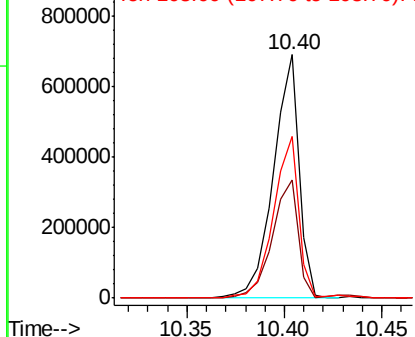


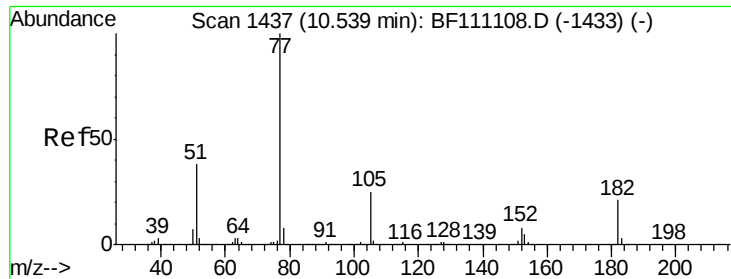
#62
4-Nitroaniline
Concen: 41.517 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:138 Resp: 630696
Ion Ratio Lower Upper
138 100
92 48.7 31.6 71.6
108 66.3 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

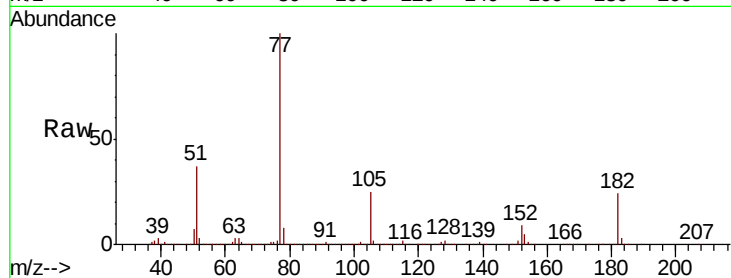




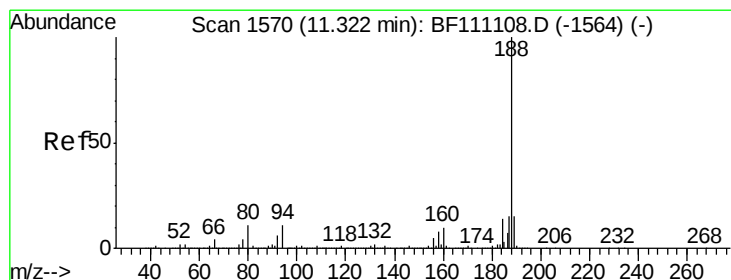
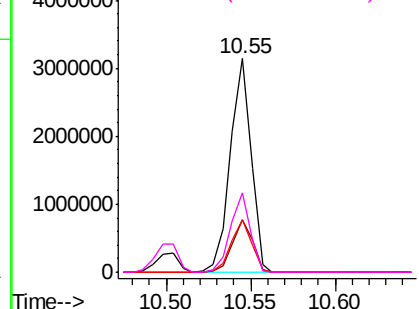
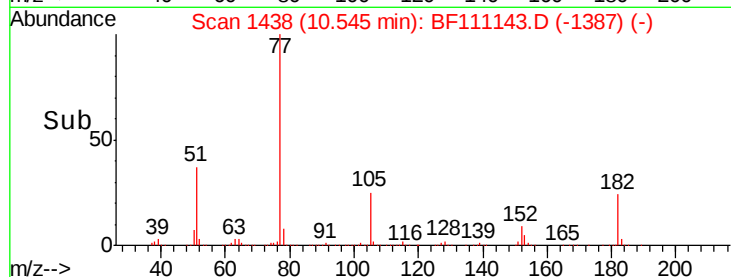
#63
Azobenzene
Concen: 40.008 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2690286
Ion Ratio Lower Upper
77 100
182 24.4 1.4 41.4
105 24.6 4.7 44.7
51 36.9 18.0 58.0

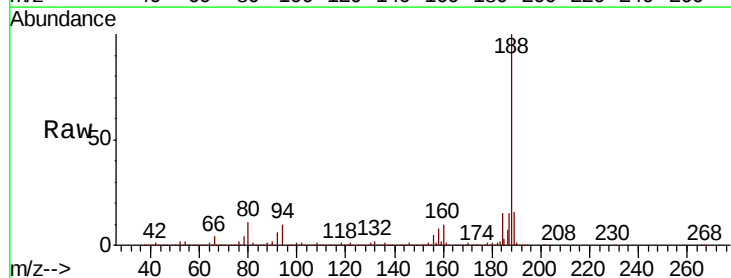


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

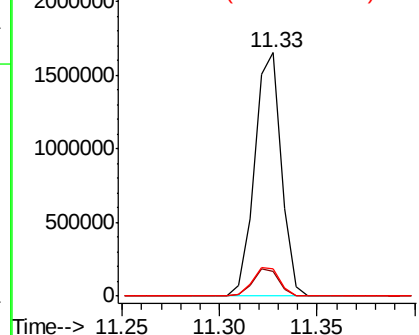
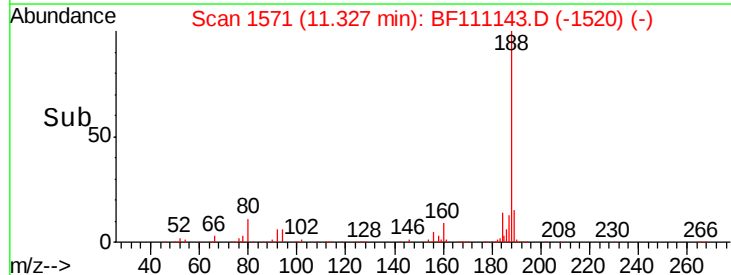


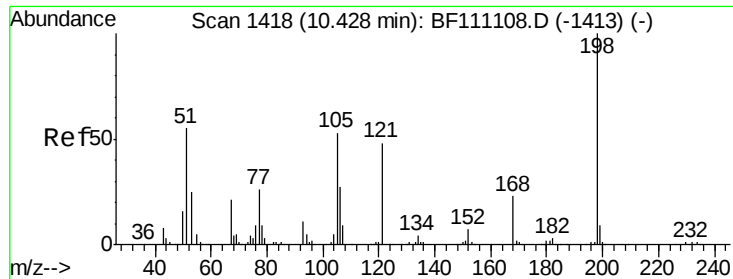
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 188 Resp: 1560157
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 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: 37.041 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

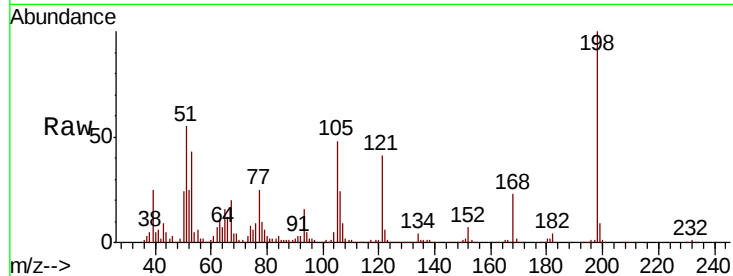
Tot Ion:198 Resp: 238748

Ion Ratio Lower Upper

198 100

51 55.2 48.8 88.8

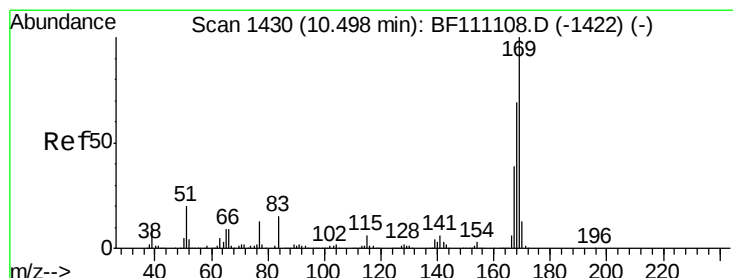
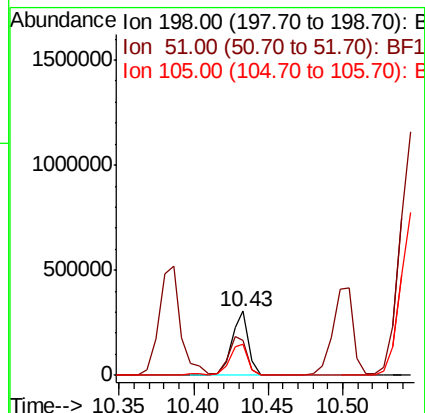
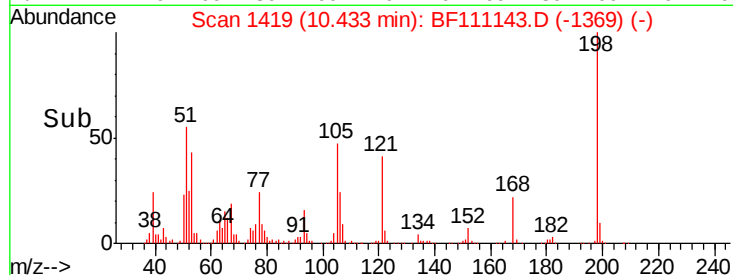
105 48.1 35.2 75.2



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: 39.478 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

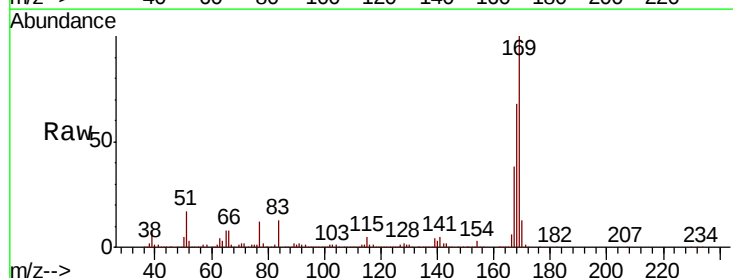
Tgt Ion:169 Resp: 2156672

Ion Ratio Lower Upper

169 100

168 68.0 55.4 83.2

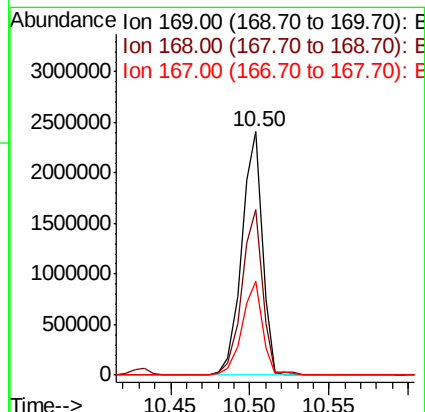
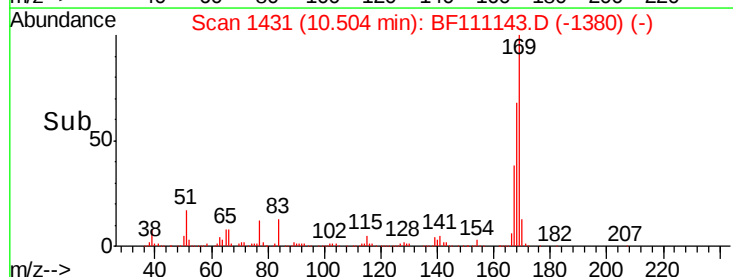
167 38.3 31.1 46.7

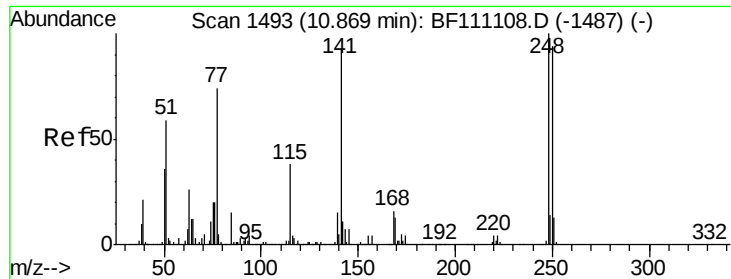


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

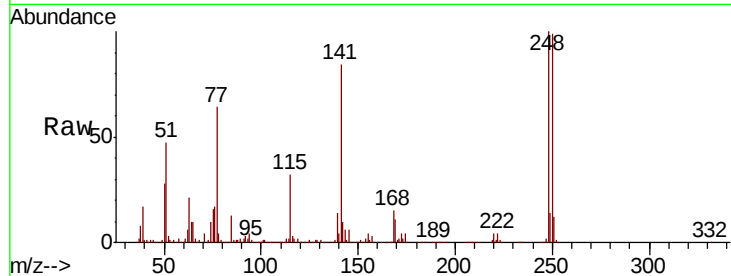




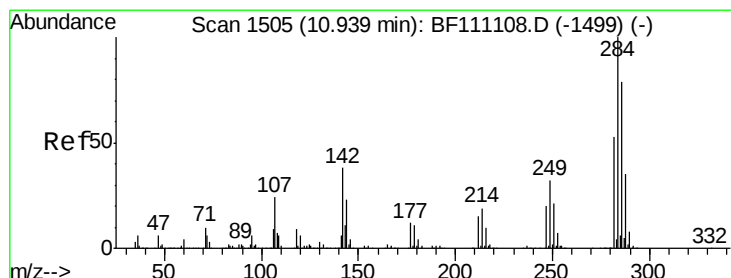
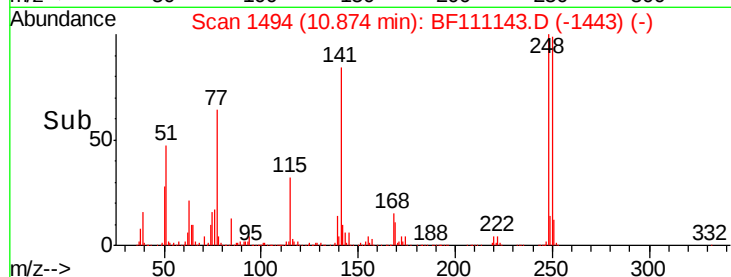
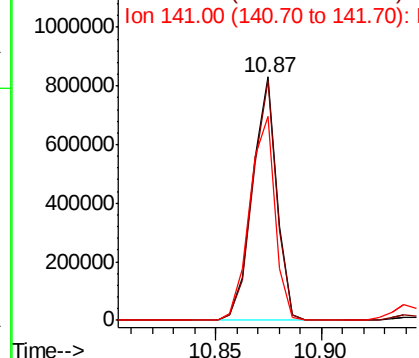
#67
4-Bromophenyl-phenylether
Concen: 40.347 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 666341
Ion Ratio Lower Upper
248 100
250 98.6 75.4 113.0
141 83.6 73.8 110.6

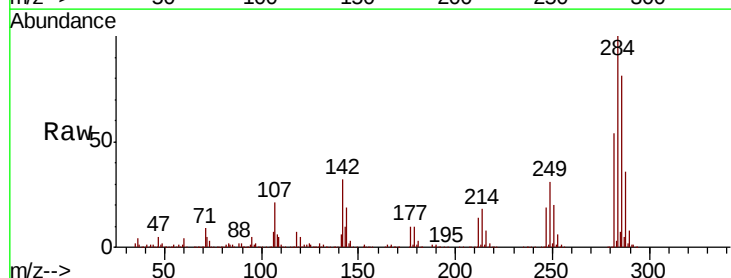


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

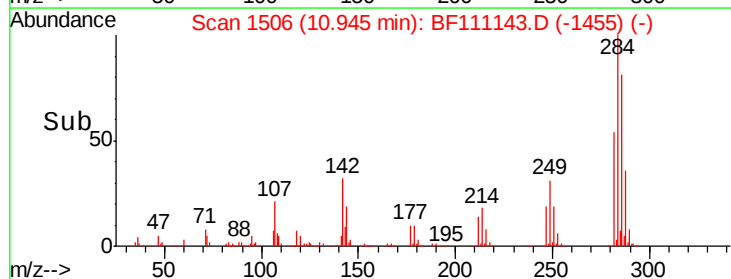
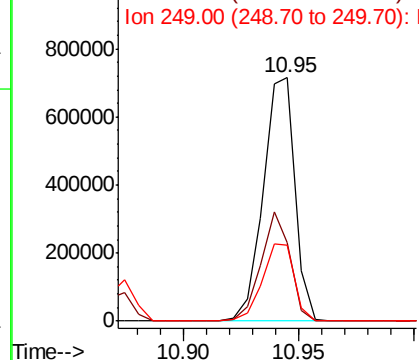


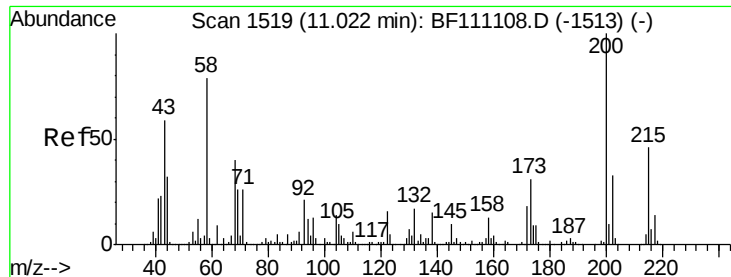
#68
Hexachlorobenzene
Concen: 40.528 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:284 Resp: 684404
Ion Ratio Lower Upper
284 100
142 32.1 30.2 45.2
249 31.3 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

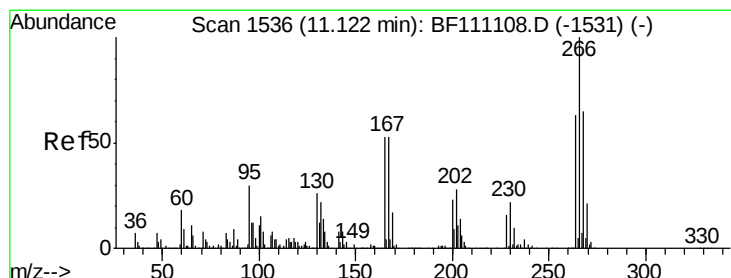
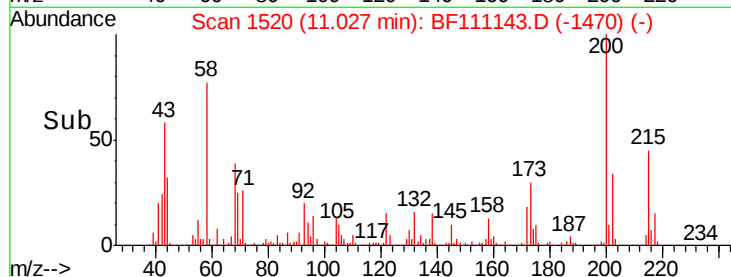
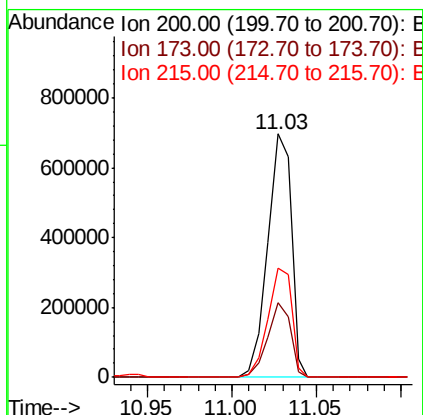
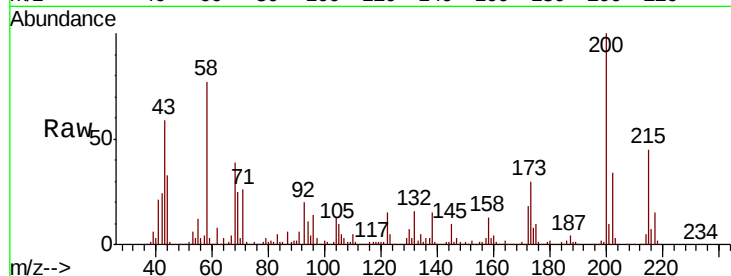




#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

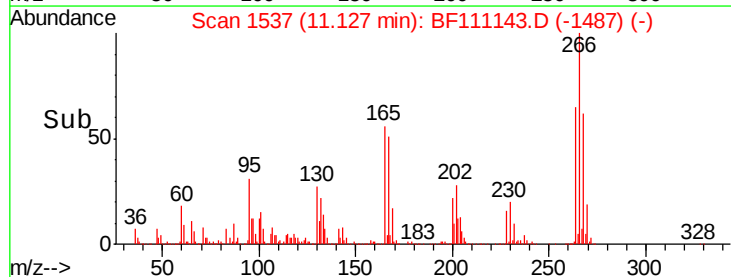
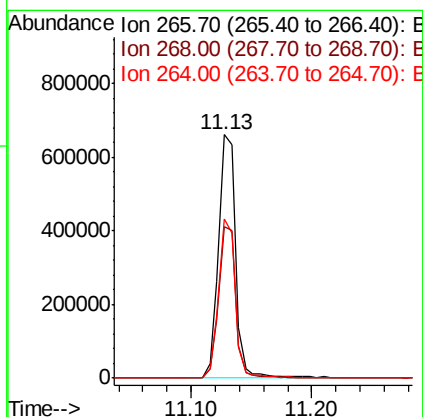
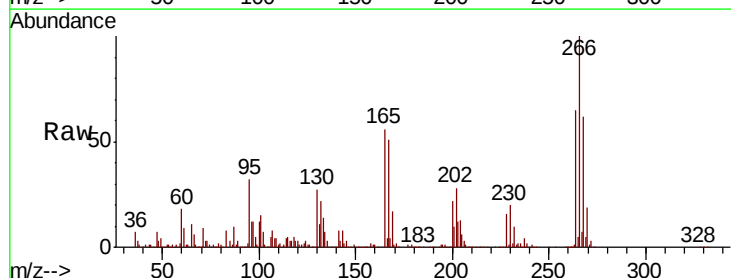
Instrument :
 BNA_F
 ClientSampleId :

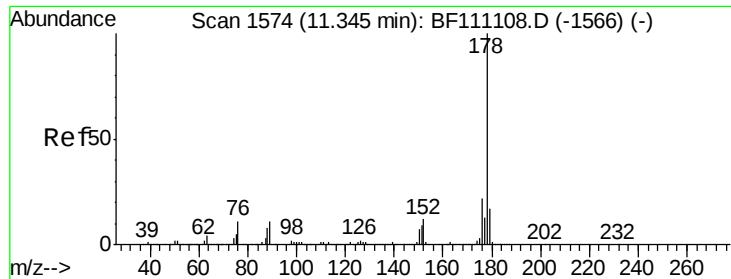
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.5	11.3	51.3
215	45.0	25.9	65.9



#70
 Pentachlorophenol
 Concen: 57.959 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.2	78.4
264	65.3	50.8	76.2





#71

Phenanthrene

Concen: 43.516 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

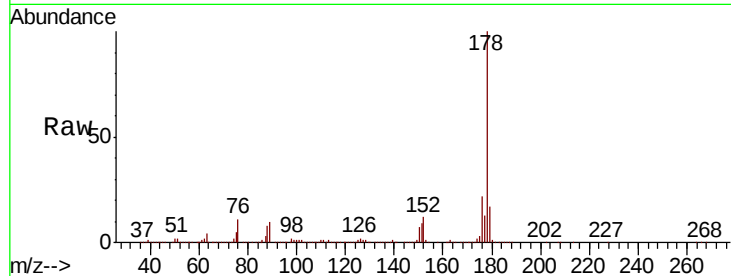
Tot Ion:178 Resp: 3265703

Ion Ratio Lower Upper

178 100

176 22.3 17.7 26.5

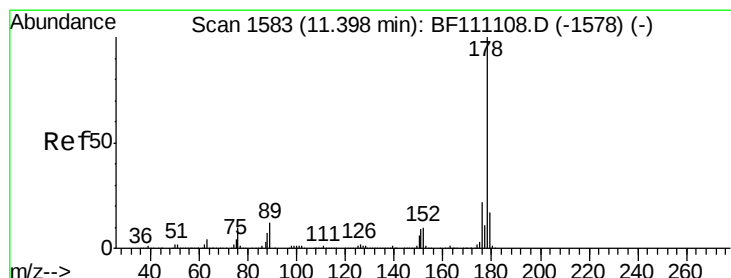
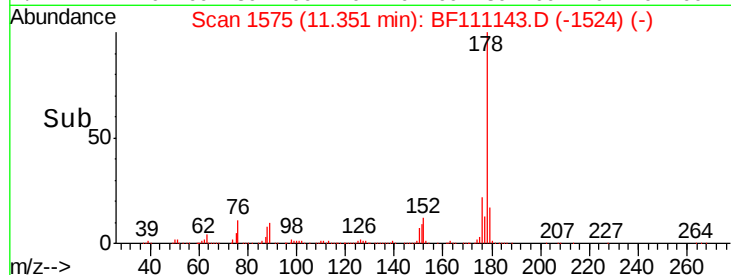
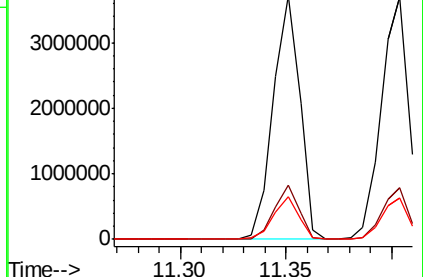
179 17.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.246 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

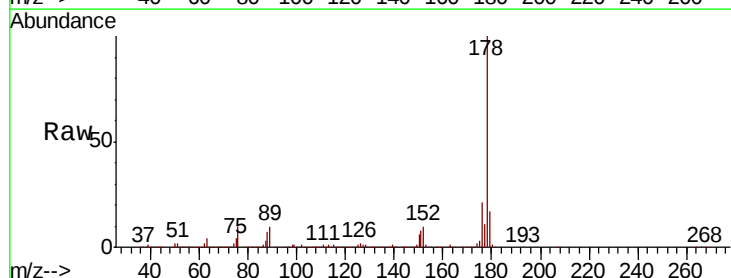
Tgt Ion:178 Resp: 3347058

Ion Ratio Lower Upper

178 100

176 21.0 17.3 25.9

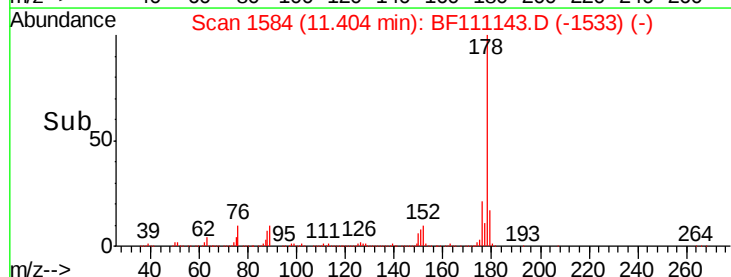
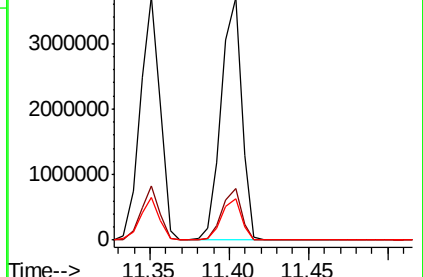
179 17.2 13.8 20.8

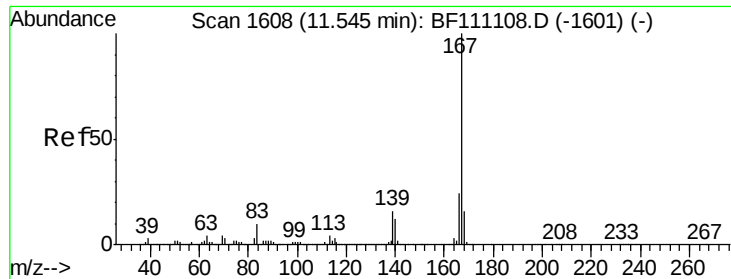


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



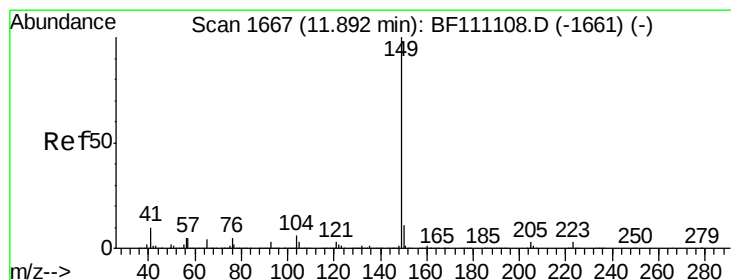
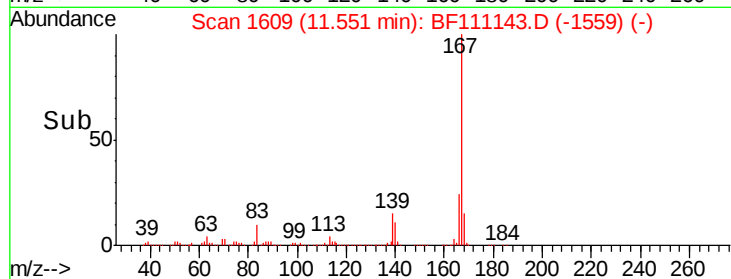
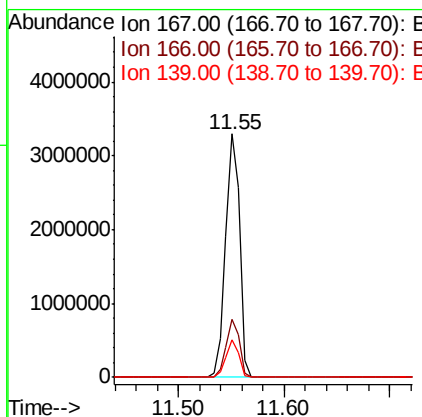
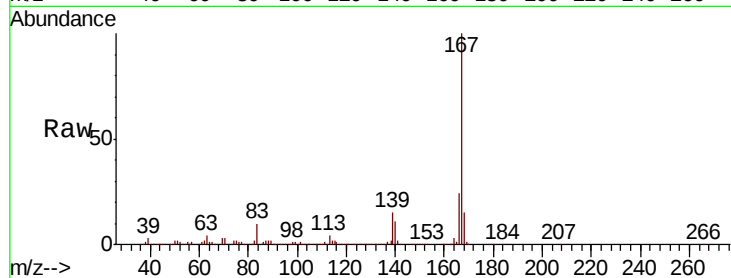


#73
 Carbazole
 Concen: 38.866 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3059215

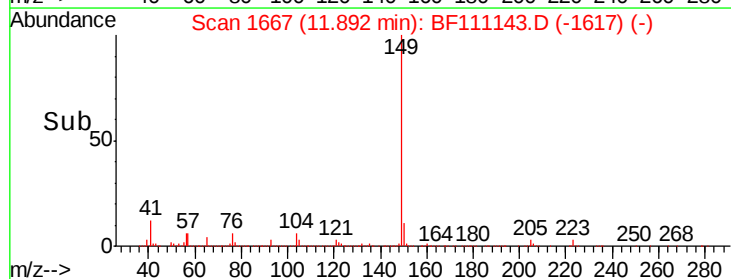
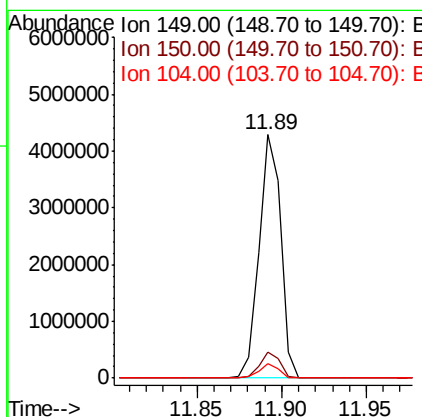
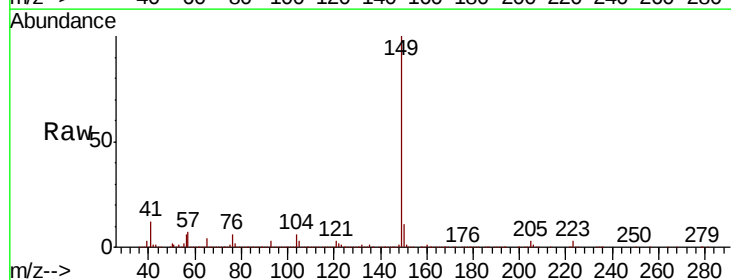
Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.0
139	15.5	12.6	18.8

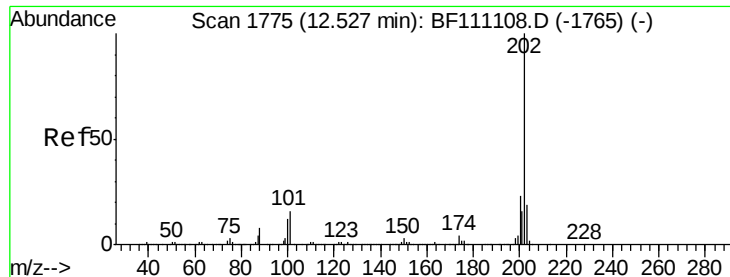


#74
 Di-n-butylphthalate
 Concen: 41.588 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:149 Resp: 3831922

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.6	12.8
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 40.998 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

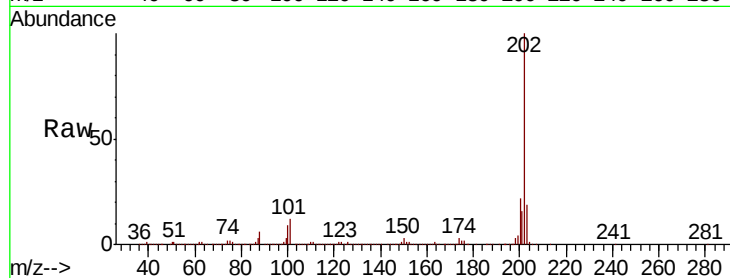
Tot Ion:202 Resp: 3010716

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.8

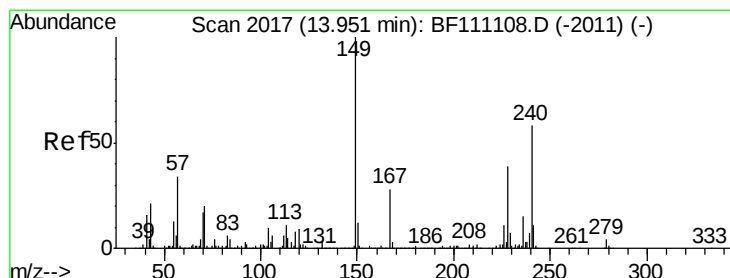
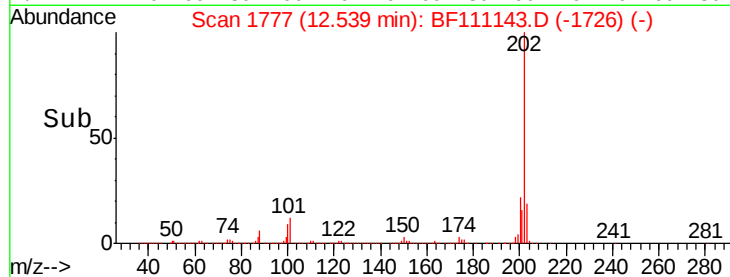
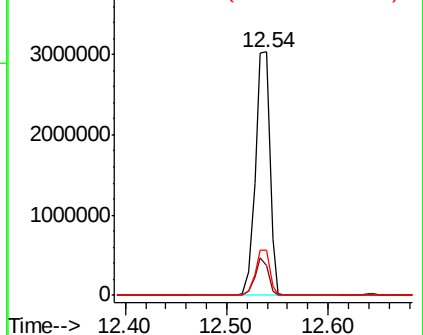
203 18.7 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

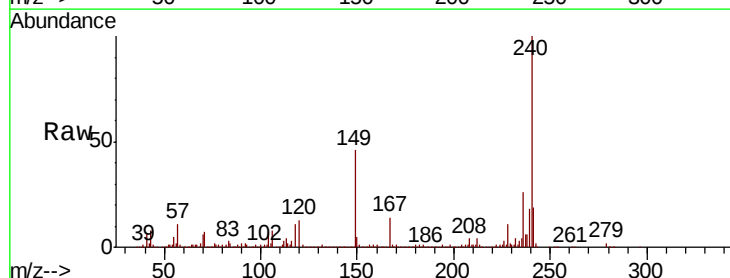
Tgt Ion:240 Resp: 809801

Ion Ratio Lower Upper

240 100

120 12.5 12.8 19.2#

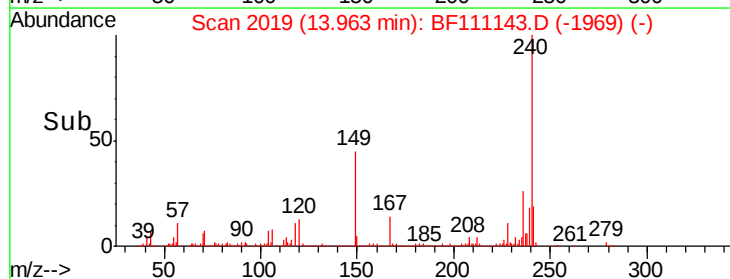
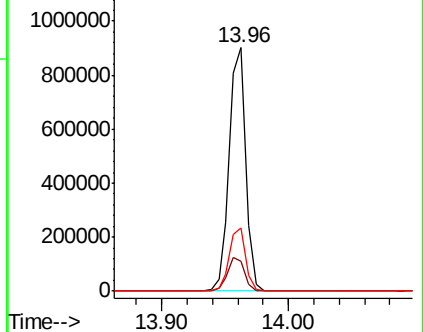
236 26.1 21.1 31.7

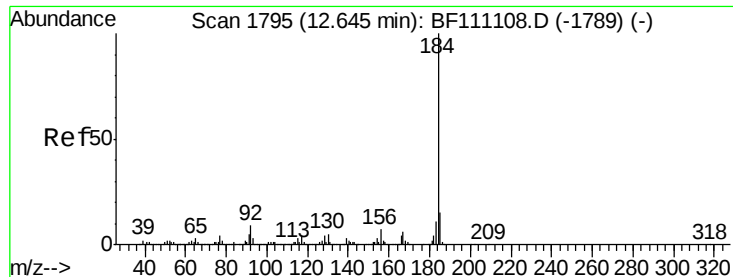


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.485 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

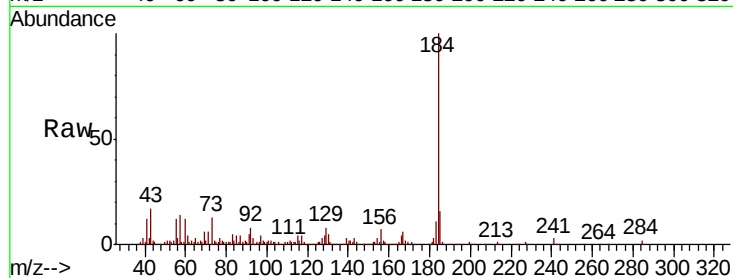
Tot Ion:184 Resp: 499731

Ion Ratio Lower Upper

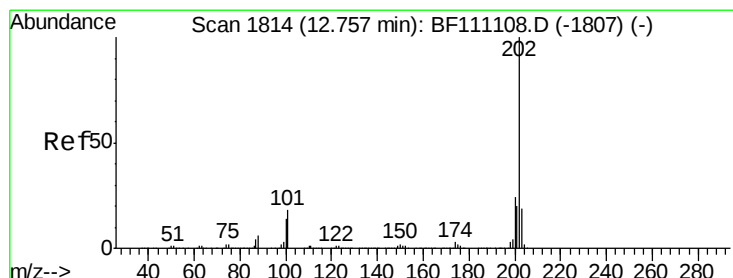
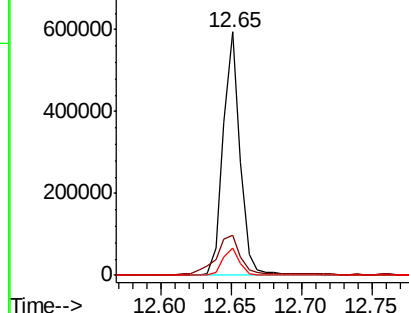
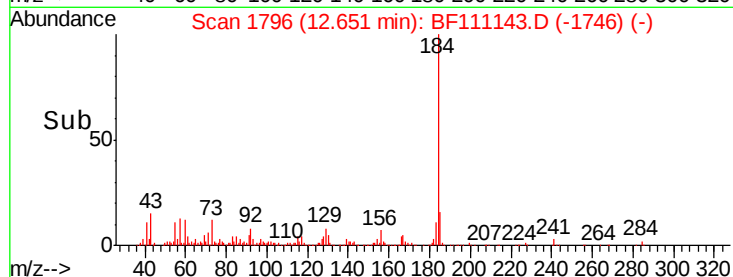
184 100

185 16.4 12.0 18.0

183 11.1 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: 46.594 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

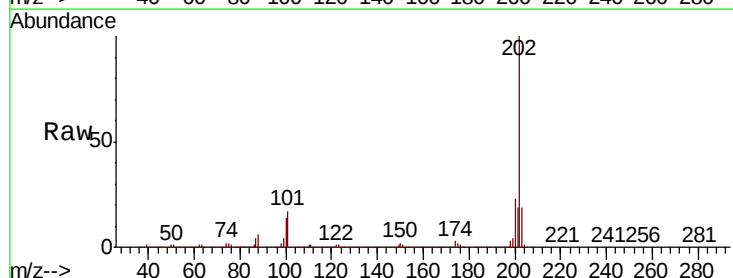
Tgt Ion:202 Resp: 2939601

Ion Ratio Lower Upper

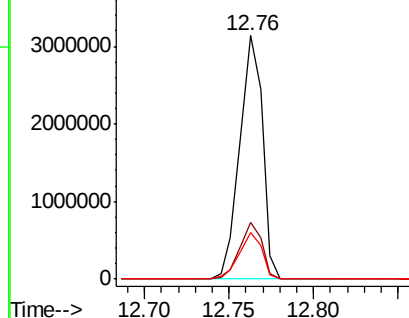
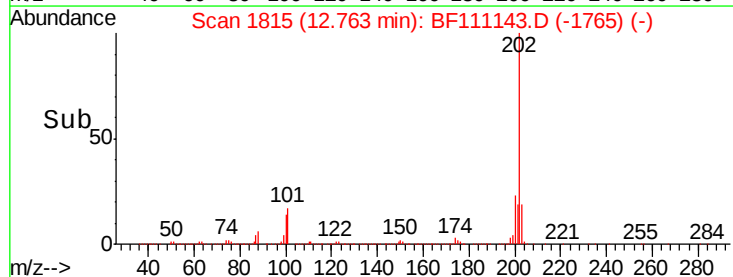
202 100

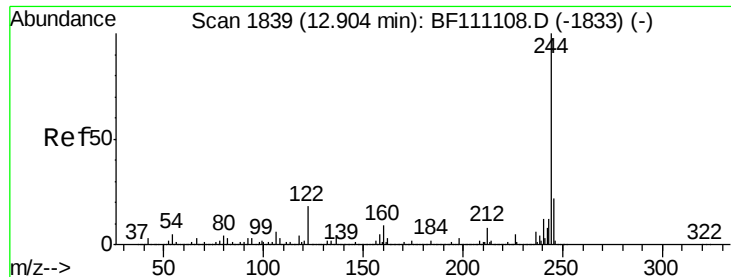
200 23.5 19.3 28.9

203 19.2 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

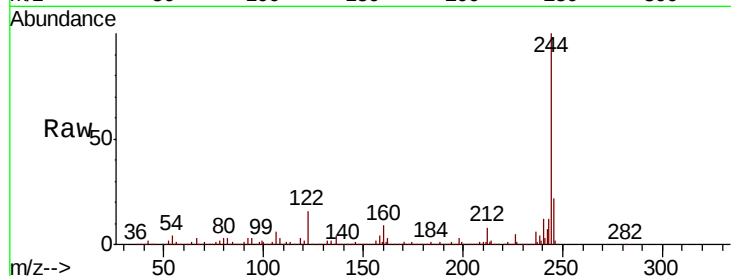




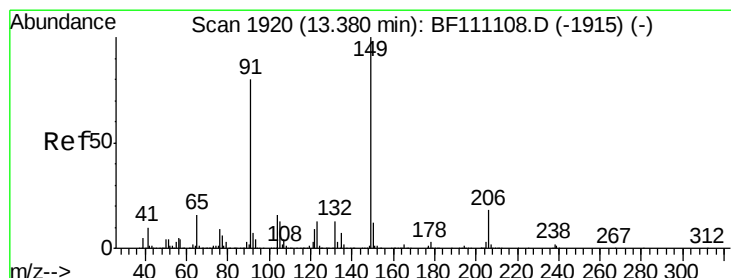
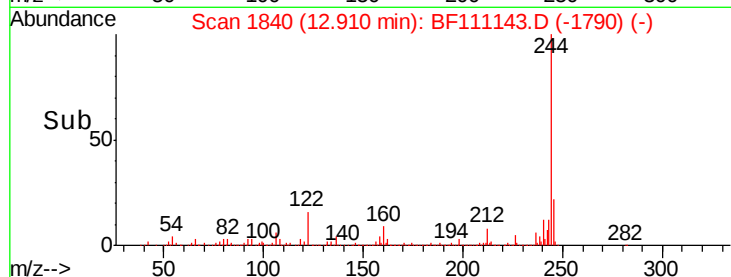
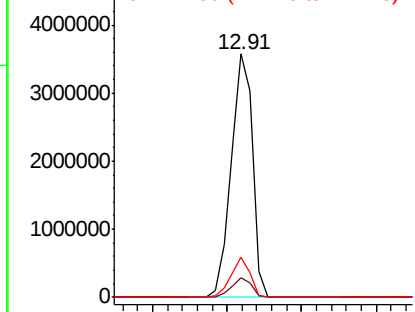
#79
 Terphenyl-d14
 Concen: 91.304 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3610255
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 16.4 14.2 21.2

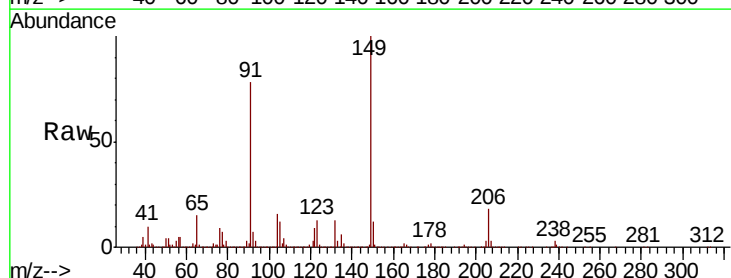


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

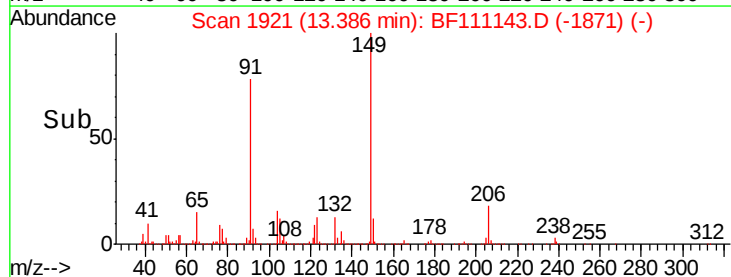
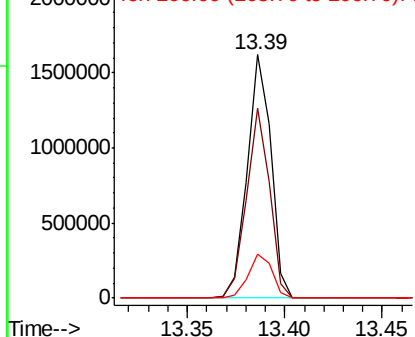


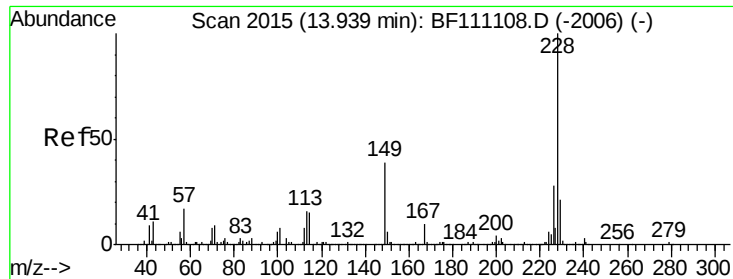
#80
 Butylbenzylphthalate
 Concen: 44.920 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:149 Resp: 1369038
 Ion Ratio Lower Upper
 149 100
 91 77.9 64.0 96.0
 206 18.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

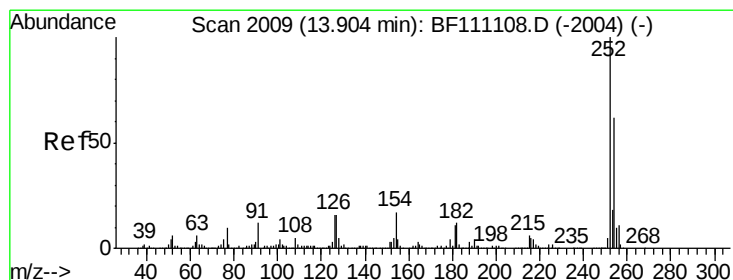
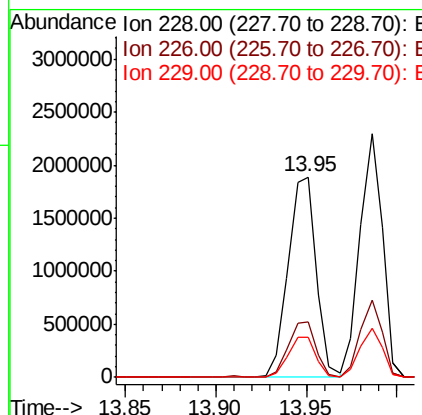
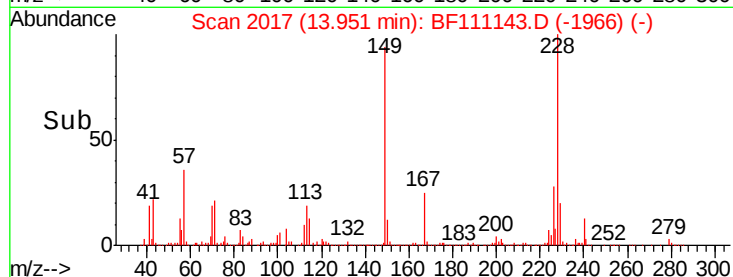
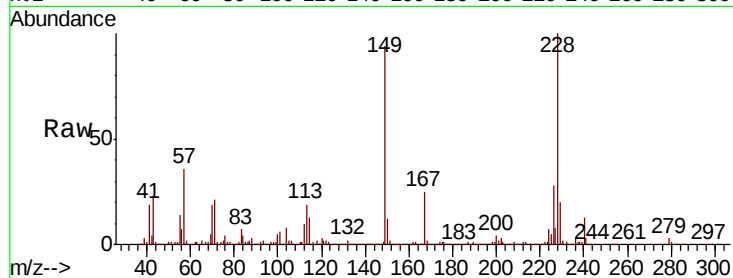




#81
Benzo(a)anthracene
Concen: 43.284 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

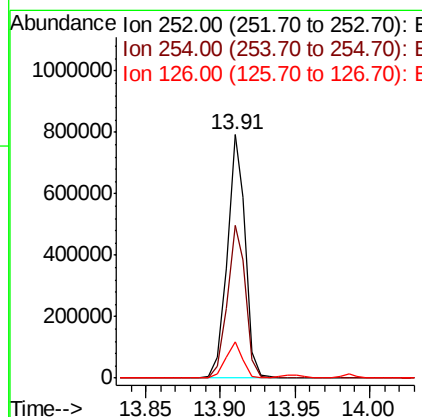
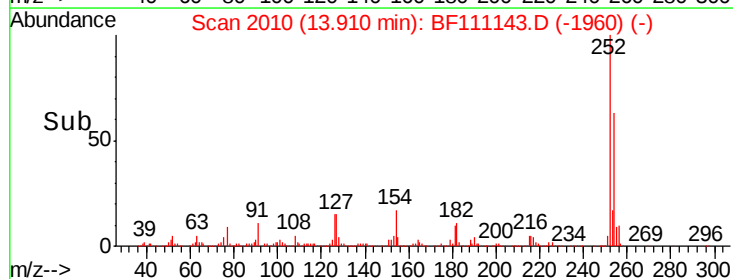
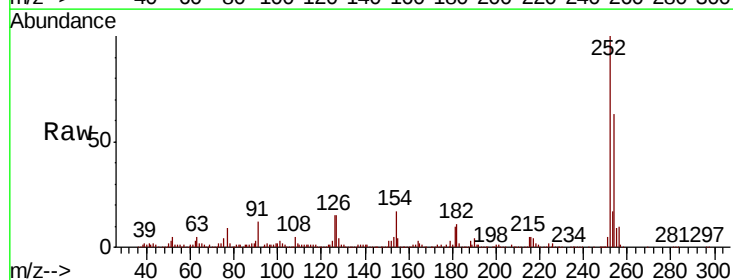
Instrument :
BNA_F
ClientSampled :

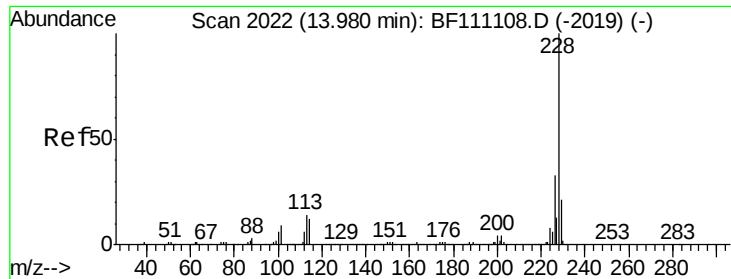
Tot Ion:228 Resp: 2053664
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.0 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 37.833 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:252 Resp: 677410
Ion Ratio Lower Upper
252 100
254 62.7 49.8 74.8
126 14.7 12.9 19.3





#83

Chrvsene

Concen: 42.414 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

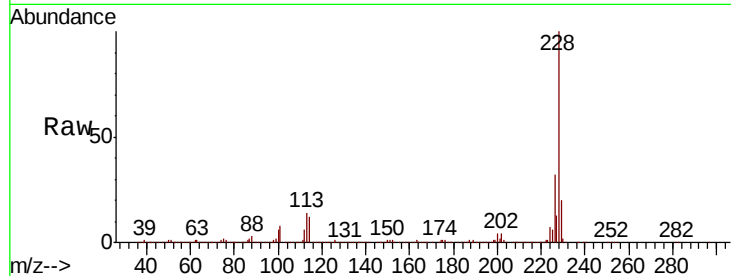
Tot Ion:228 Resp: 1997753

Ion Ratio Lower Upper

228 100

226 31.7 26.2 39.2

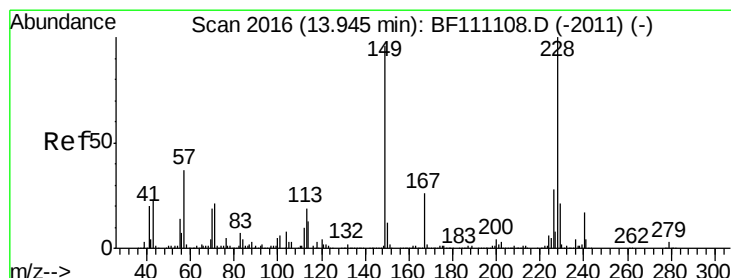
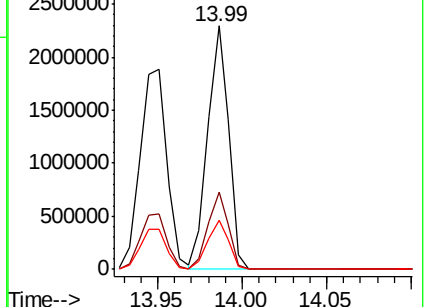
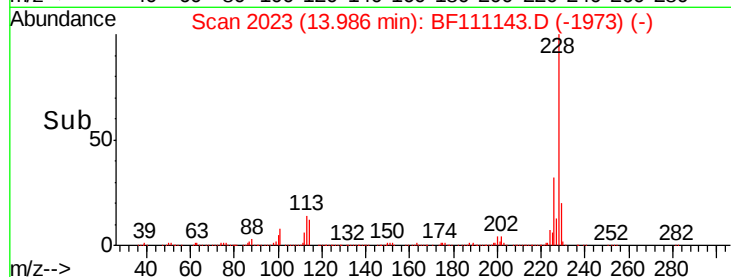
229 20.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.610 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

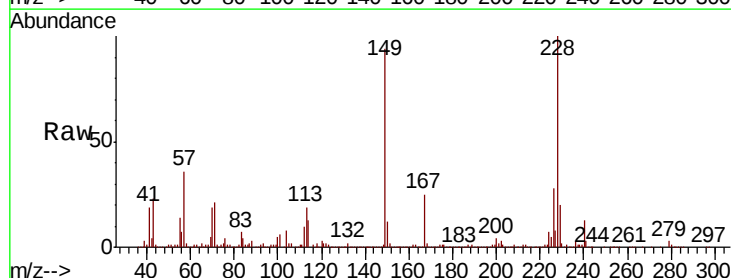
Tgt Ion:149 Resp: 1642242

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

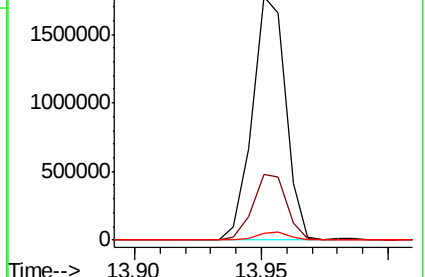
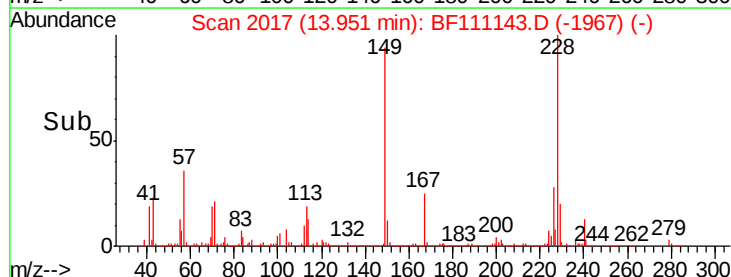
279 3.0 2.3 3.5

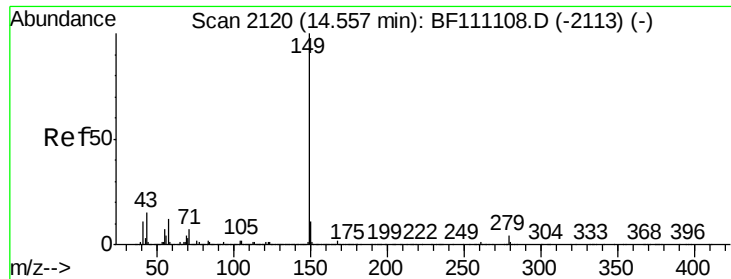


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

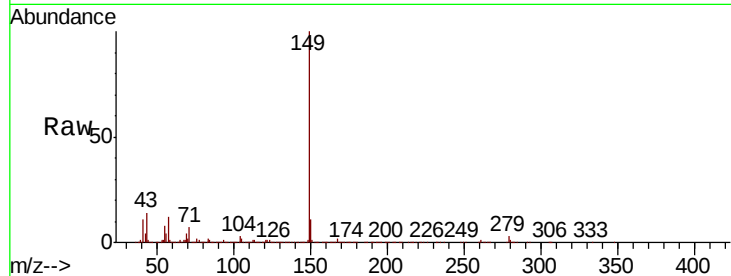




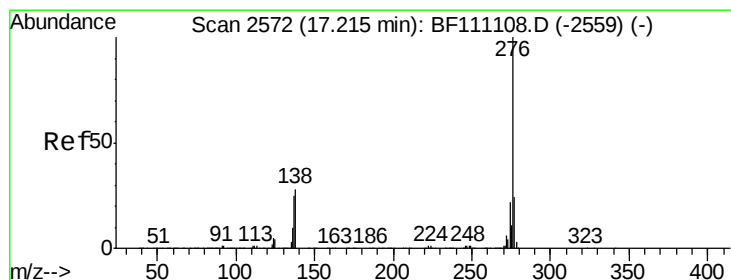
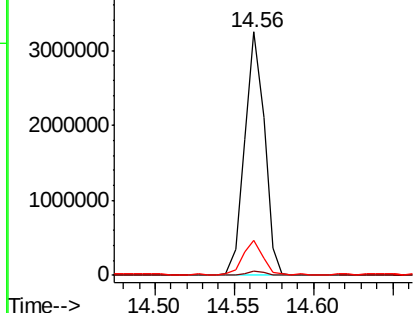
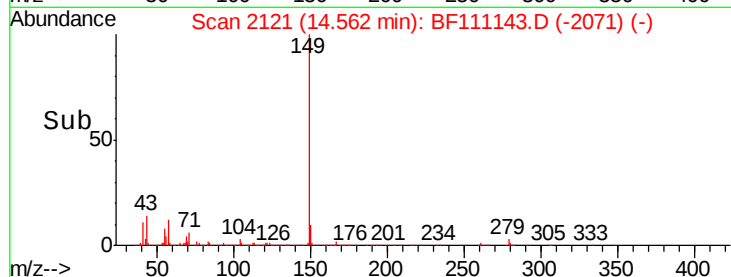
#85
Di-n-octyl phthalate
Concen: 48.389 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2800364
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.8 11.9 17.9

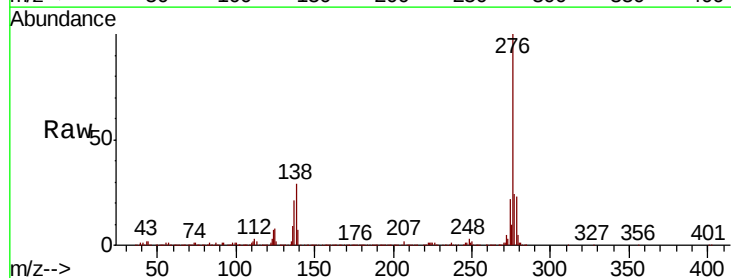


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

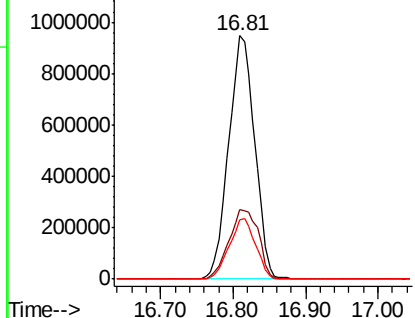
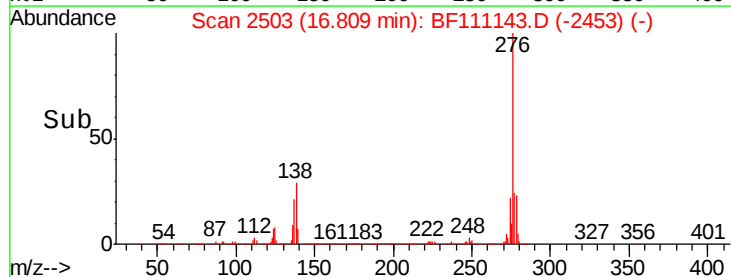


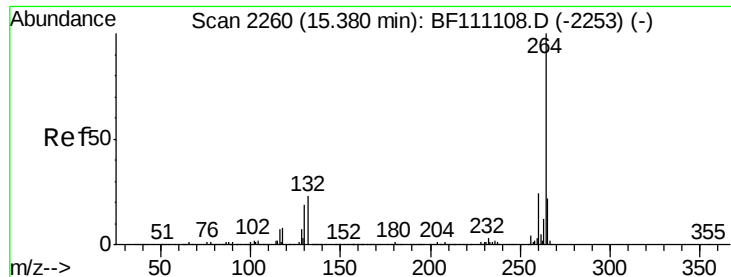
#86
Indeno(1,2,3-cd)pyrene
Concen: 62.539 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:276 Resp: 2365092
Ion Ratio Lower Upper
276 100
138 32.2 20.2 30.4#
277 25.2 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

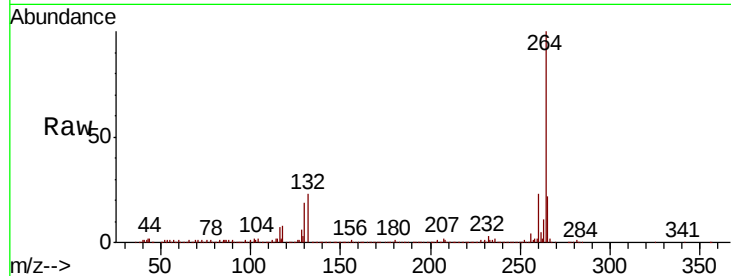




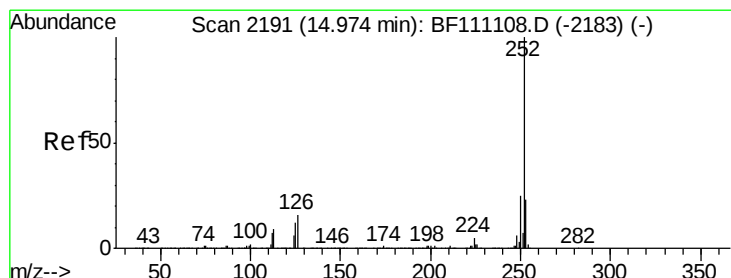
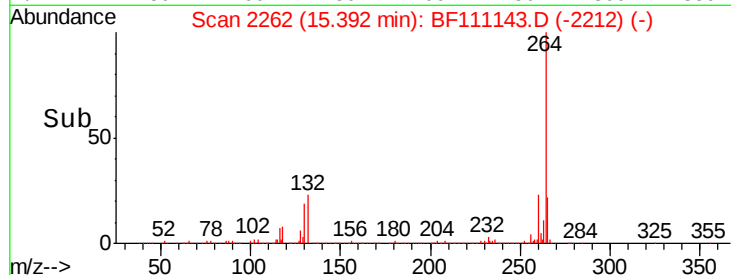
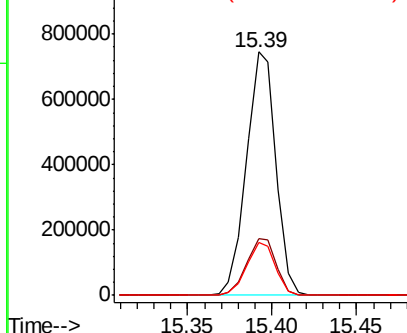
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 908065
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.0
265 21.7 17.4 26.0

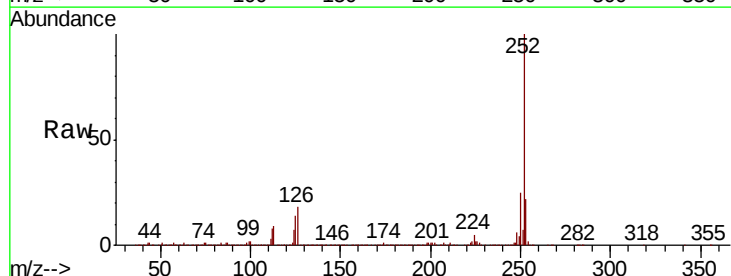


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

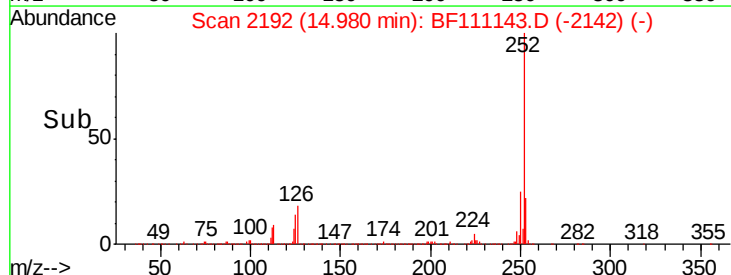
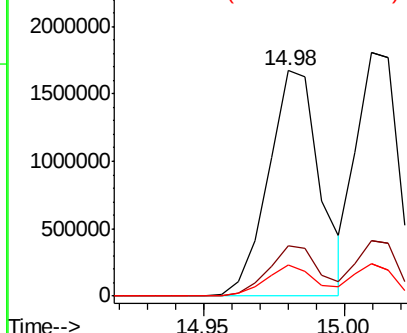


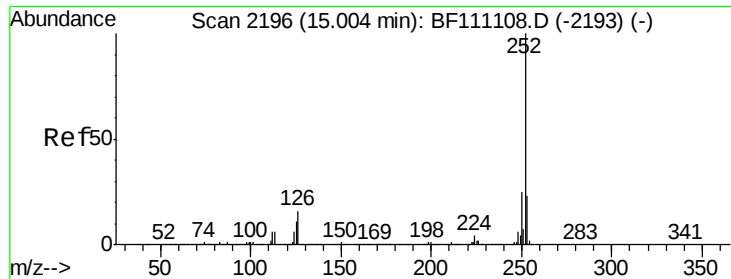
#88
Benzo(b)fluoranthene
Concen: 41.329 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:252 Resp: 2126568
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 14.0 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

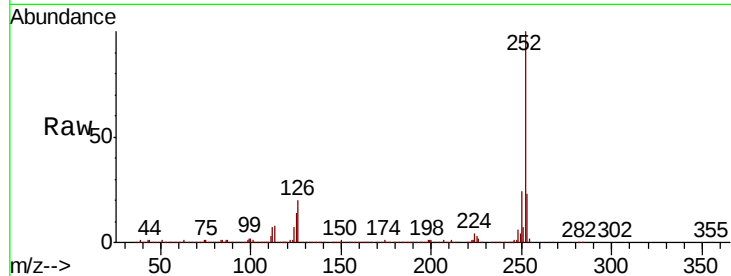




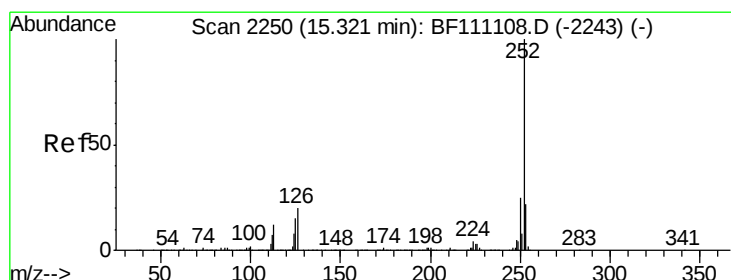
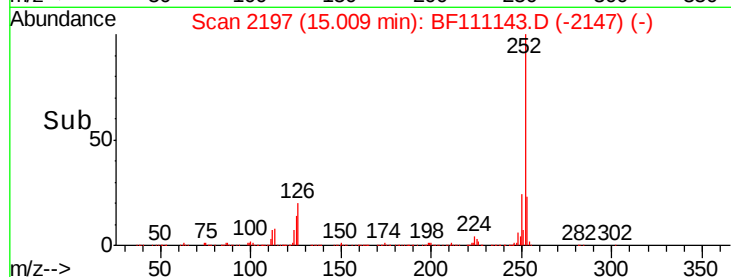
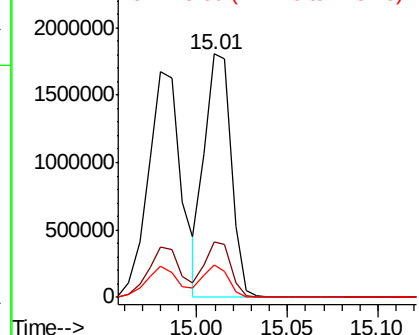
#89
Benzo(k)fluoranthene
Concen: 37.167 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1848806
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.6 9.9 14.9

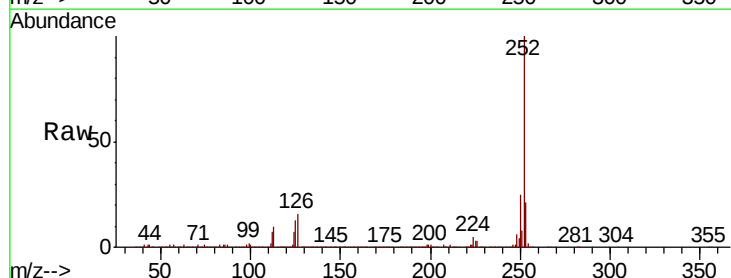


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

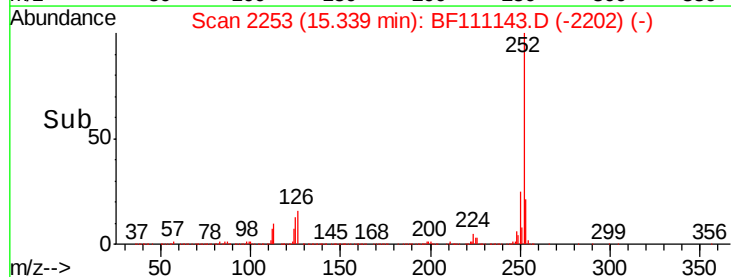
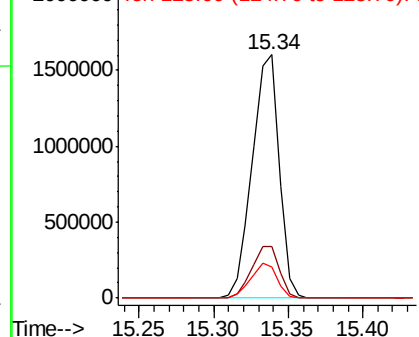


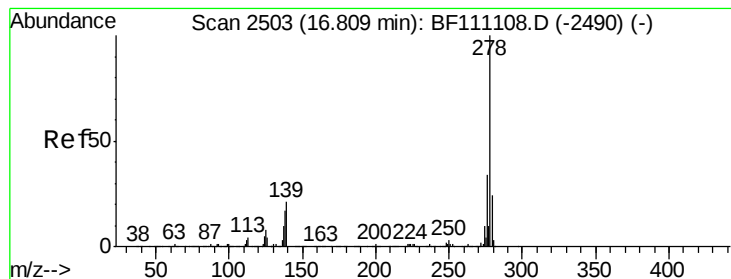
#90
Benzo(a)pyrene
Concen: 42.336 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:252 Resp: 1998123
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 12.9 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: 49.269 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

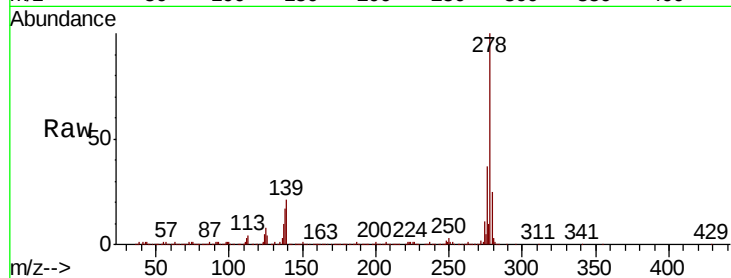
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1951381

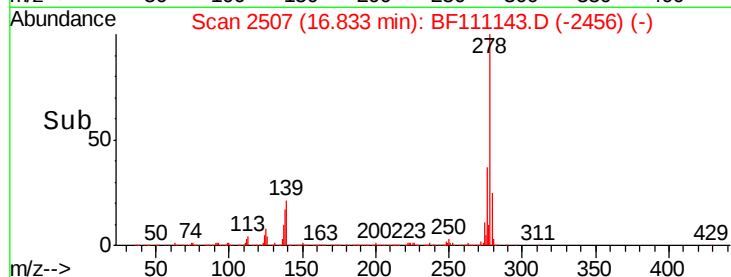
Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	25.0
279	24.5	18.8	28.2



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



16.83

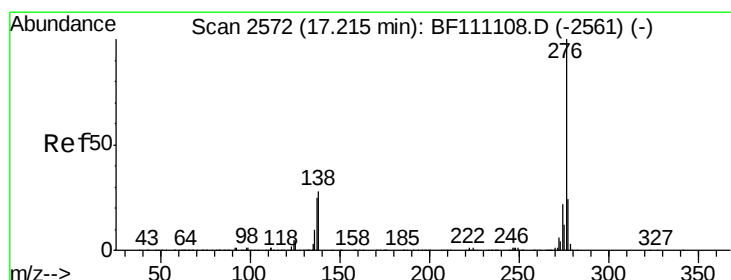
1000000

500000

0

Time-->

16.70 16.80 16.90 17.00



#92

Benzo(g,h,i)perylene

Concen: 49.007 ng

RT: 17.24 min Scan# 2576

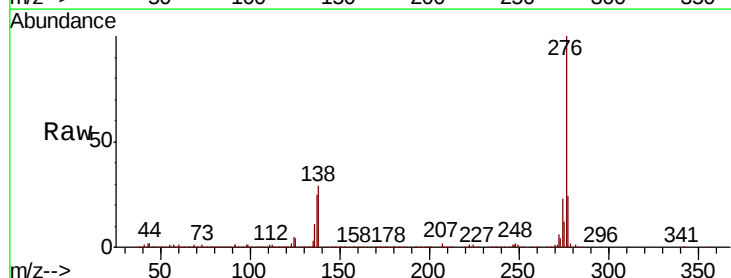
Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:276 Resp: 1950531

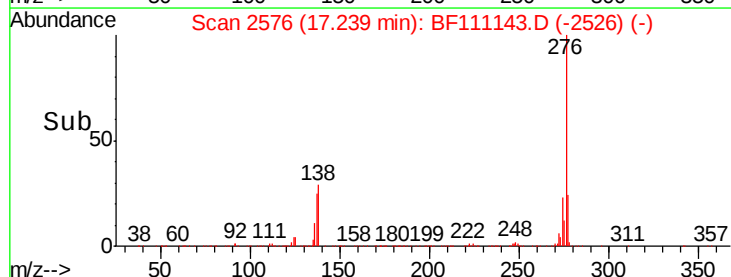
Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	29.1	22.3	33.5



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



17.24

1200000

1000000

800000

600000

400000

200000

0

Time-->

17.10 17.20 17.30