

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112030.D
 Acq On : 11 Jan 2019 22:00
 Operator : JU/SJ
 Sample : K1088-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 00:58:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	71932	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	249359	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	110929	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	192339	20.00	ng	0.02
76) Chrysene-d12	14.07	240	165468	20.00	ng	0.03
87) Perylene-d12	15.56	264	147455	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	907974	215.95	ng	0.01
7) Phenol-d6	6.53	99	691341	127.57	ng	0.01
23) Nitrobenzene-d5	7.44	82	407169	87.27	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	174182	120.72	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	737058	96.89	ng	0.00
79) Terphenyl-d14	13.01	244	849490	97.45	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	109090	59.338	ng	98
3) Pyridine	3.43	79	245363	51.491	ng	99
4) n-Nitrosodimethylamine	3.37	42	154576	65.199	ng	97
6) Aniline	6.54	93	58837	8.979	ng	# 1
8) 2-Chlorophenol	6.67	128	202891	43.457	ng	91
9) Benzaldehyde	6.42	77	70736	19.201	ng	97
10) Phenol	6.54	94	264382	44.887	ng	84
11) bis(2-Chloroethyl)ether	6.61	93	191801	42.093	ng	95
12) 1,3-Dichlorobenzene	6.82	146	226492	41.847	ng	99
13) 1,4-Dichlorobenzene	6.89	146	231420	42.135	ng	97
14) 1,2-Dichlorobenzene	7.05	146	217348	41.399	ng	99
15) Benzyl Alcohol	7.02	79	177545	41.408	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	278683	35.872	ng	83
17) 2-Methylphenol	7.14	107	158652	42.281	ng	94
18) Hexachloroethane	7.39	117	58766	30.645	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	148260	42.107	ng	99
20) 3+4-Methylphenols	7.29	107	209498	44.861	ng	# 77
22) Acetophenone	7.28	105	283360	44.885	ng	92
24) Nitrobenzene	7.46	77	205855	43.616	ng	97
25) Isophorone	7.70	82	367448	48.635	ng	98
26) 2-Nitrophenol	7.77	139	83490	35.926	ng	97
27) 2,4-Dimethylphenol	7.82	122	173029	51.495	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	231303	45.866	ng	98
29) 2,4-Dichlorophenol	8.03	162	169026	43.746	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	179140	42.028	ng	99
31) Naphthalene	8.19	128	560034	47.311	ng	98
32) Benzoic acid	7.82	122	173029	79.353	ng	# 14
33) 4-Chloroaniline	8.23	127	51476	10.060	ng	95
34) Hexachlorobutadiene	8.30	225	112279	42.313	ng	99
35) Caprolactam	8.58	113	40028	31.708	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	164677	42.866	ng	94
37) 2-Methylnaphthalene	8.87	142	357662	48.762	ng	99
38) 1-Methylnaphthalene	8.97	142	329319	46.811	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	166213	47.000	ng	99

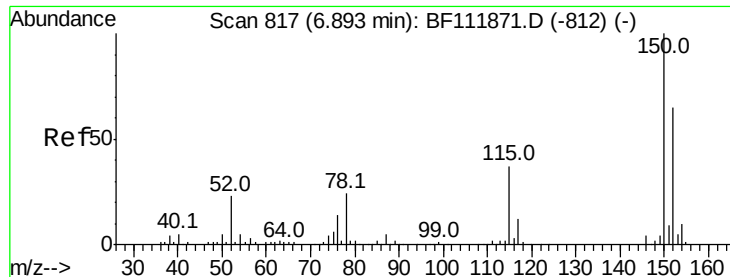
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112030.D
 Acq On : 11 Jan 2019 22:00
 Operator : JU/SJ
 Sample : K1088-11MSD
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Instrument :
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Quant Time: Jan 12 00:58:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	108112	45.072	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	109957	43.753	nq #	94
46) 1,1'-Biphenyl	9.34	154	434448	46.820	nq	97
47) 2-Chloronaphthalene	9.36	162	323811	44.464	nq	98
48) 2-Nitroaniline	9.46	65	110449	49.606	nq	92
49) Acenaphthylene	9.78	152	498610	46.311	nq	99
50) Dimethylphthalate	9.63	163	442680	53.123	nq	98
51) 2,6-Dinitrotoluene	9.70	165	75269	40.392	nq	97
52) Acenaphthene	9.96	154	405112	58.365	nq	96
53) 3-Nitroaniline	9.86	138	62172	31.155	nq #	95
55) Dibenzofuran	10.13	168	509415	50.465	nq	98
56) 4-Nitrophenol	10.05	139	113667	80.613	nq	88
57) 2,4-Dinitrotoluene	10.10	165	103654	43.048	nq #	97
58) Fluorene	10.47	166	445158	60.606	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	83208	39.296	nq #	87
60) Diethylphthalate	10.33	149	379249	47.028	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	171380	41.608	nq	94
62) 4-Nitroaniline	10.48	138	85034	44.925	nq	88
63) Azobenzene	10.62	77	329860	42.818	nq	89
65) 4,6-Dinitro-2-methylphenol	10.52	198	2862	2.412	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	333461	51.664	nq	97
67) 4-Bromophenyl-phenylether	10.95	248	102090	40.980	nq	94
68) Hexachlorobenzene	11.03	284	124770	45.191	nq	96
69) Atrazine	11.11	200	109107	48.113	nq	97
70) Pentachlorophenol	11.22	266	93442	59.475	nq	99
71) Phenanthrene	11.44	178	716011	69.628	nq	99
72) Anthracene	11.49	178	610435	58.476	nq	97
73) Carbazole	11.64	167	638128	62.844	nq	97
74) Di-n-butylphthalate	11.97	149	744718	63.140	nq	98
75) Fluoranthene	12.64	202	868272	82.247	nq	97
77) Benzidine	12.74	184	130781	26.451	nq #	83
78) Pyrene	12.87	202	794316	69.767	nq	99
80) Butylbenzylphthalate	13.47	149	268827	55.851	nq	90
81) Benzo(a)anthracene	14.06	228	491663	51.629	nq	98
82) 3,3'-Dichlorobenzidine	14.02	252	42323	12.038	nq #	85
83) Chrysene	14.10	228	450001	49.560	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	553018	87.485	nq #	96
85) Di-n-octyl phthalate	14.64	149	490132	54.181	nq #	57
86) Indeno(1,2,3-cd)pyrene	17.07	276	371804	56.167	nq	99
88) Benzo(b)fluoranthene	15.12	252	370966	42.057	nq #	81
89) Benzo(k)fluoranthene	15.16	252	311357	37.552	nq #	89
90) Benzo(a)pyrene	15.50	252	394454	50.860	nq #	88
91) Dibenzo(a,h)anthracene	17.07	278	301338	48.308	nq #	96
92) Benzo(g,h,i)perylene	17.52	276	210345	34.476	nq	98

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

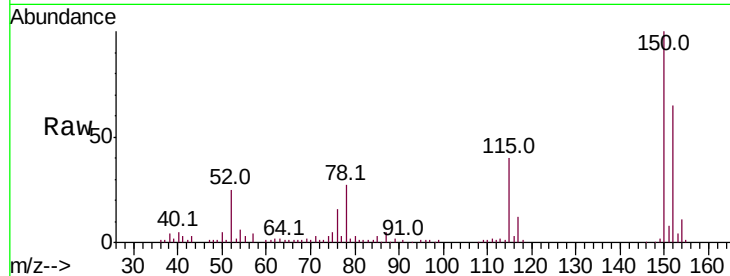


#1

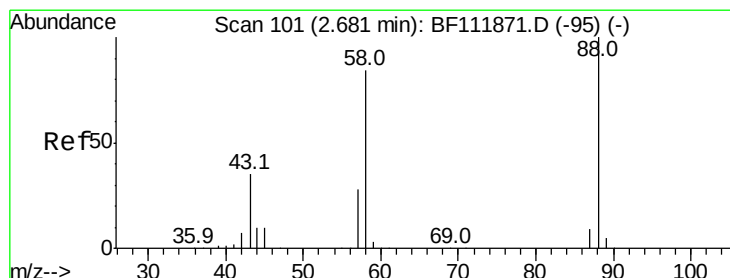
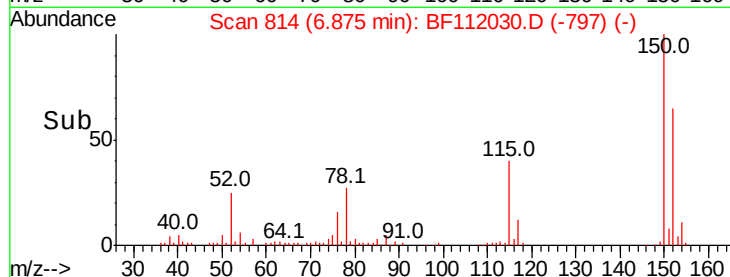
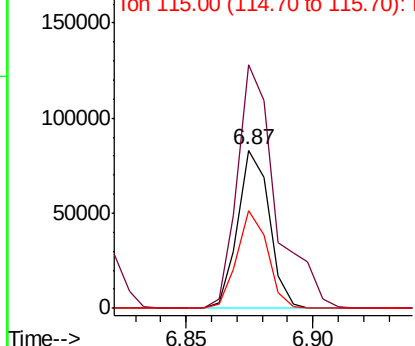
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71932
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 61.8 45.2 67.8



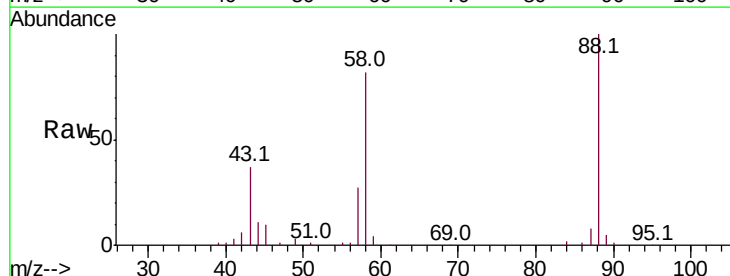
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



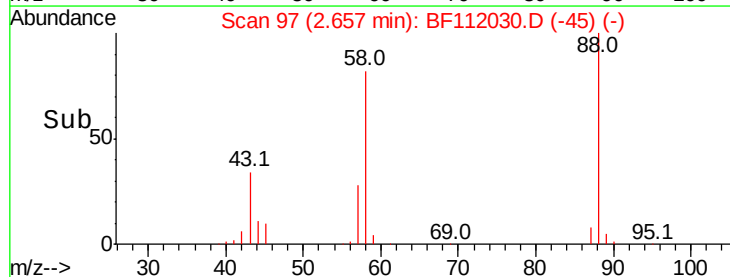
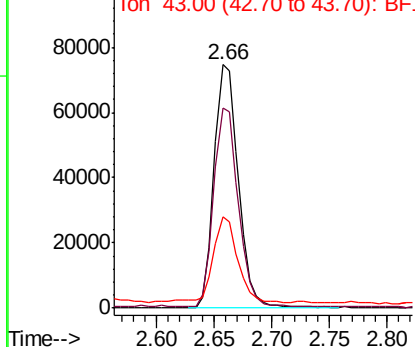
#2

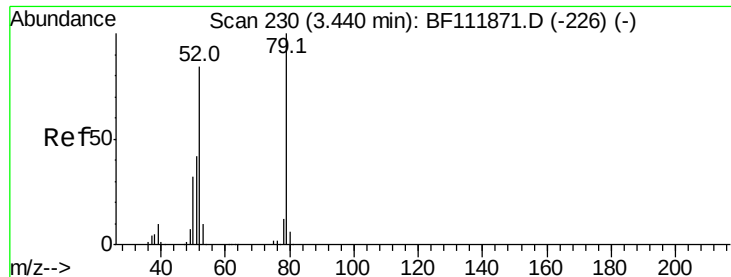
1,4-Dioxane
Concen: 59.338 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion: 88 Resp: 109090
Ion Ratio Lower Upper
88 100
58 82.2 67.6 101.4
43 35.5 29.0 43.6



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





#3

Pvridine

Concen: 51.491 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

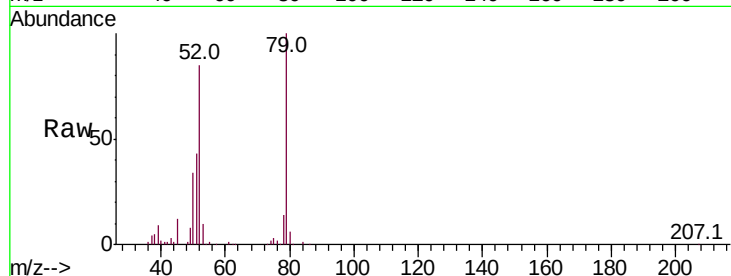
Tot Ion: 79 Resp: 245363

Ion Ratio Lower Upper

79 100

52 84.8 67.0 100.6

51 42.6 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

120000

100000

80000

60000

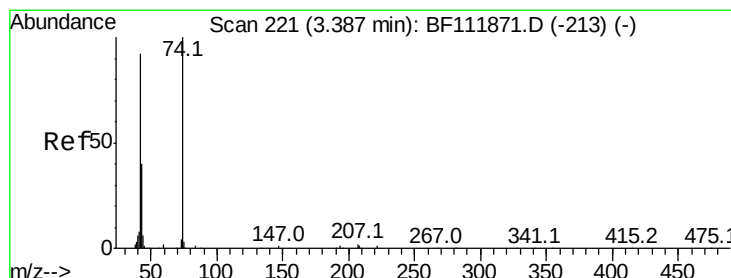
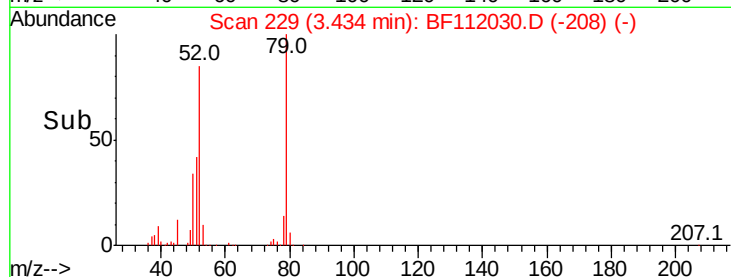
40000

20000

0

3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 65.199 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

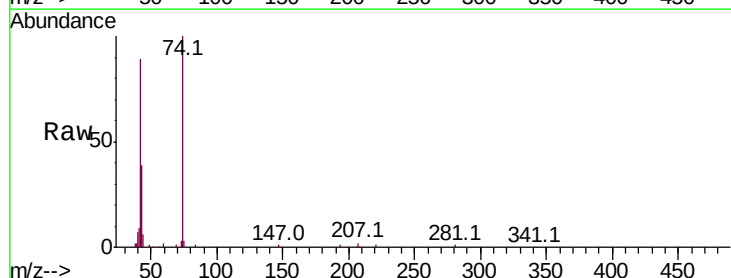
Tgt Ion: 42 Resp: 154576

Ion Ratio Lower Upper

42 100

74 111.8 87.0 130.6

44 6.5 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

100000

80000

60000

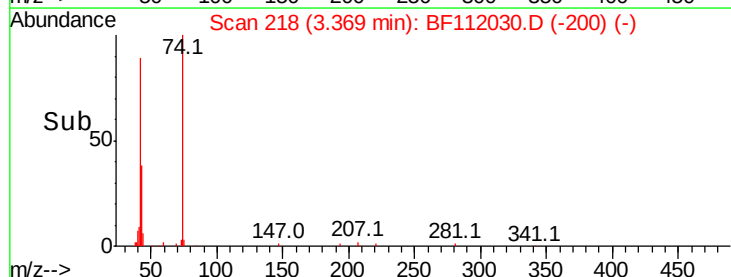
40000

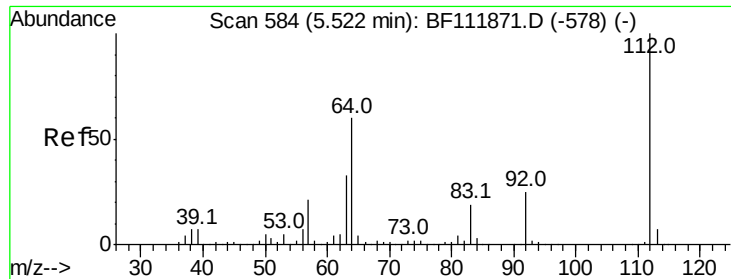
20000

0

3.30 3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 215.951 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

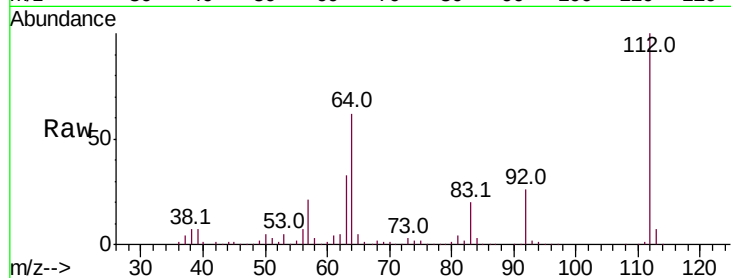
Tot Ion:112 Resp: 907974

Ion Ratio Lower Upper

112 100

64 61.8 48.3 72.5

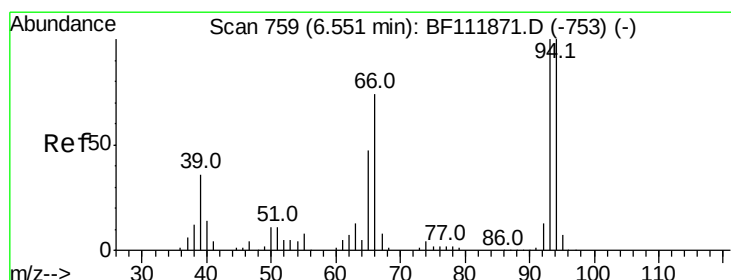
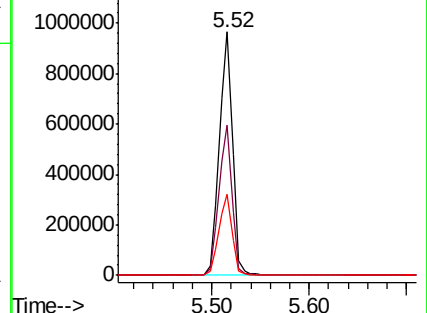
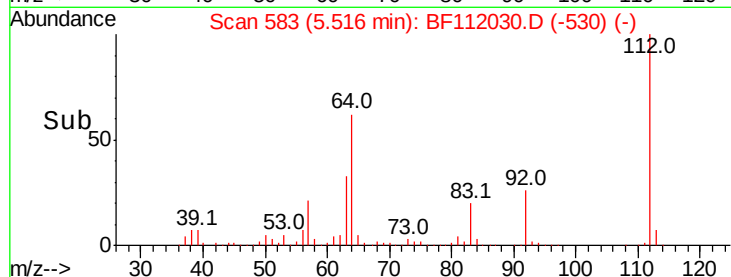
63 33.4 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.979 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

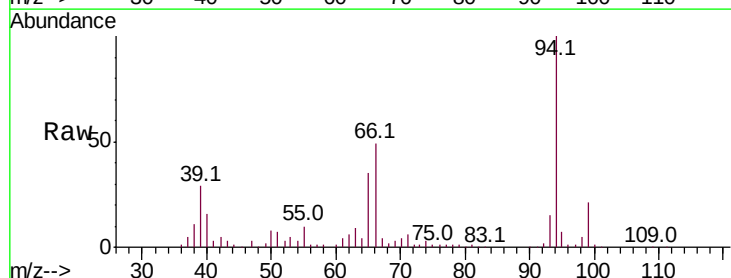
Tgt Ion: 93 Resp: 58837

Ion Ratio Lower Upper

93 100

66 332.6 60.0 90.0#

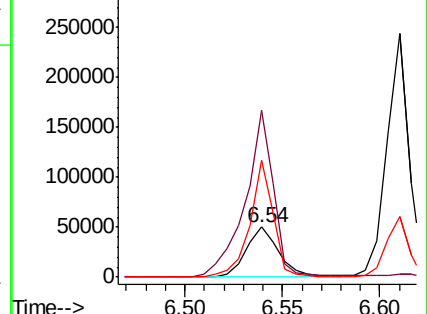
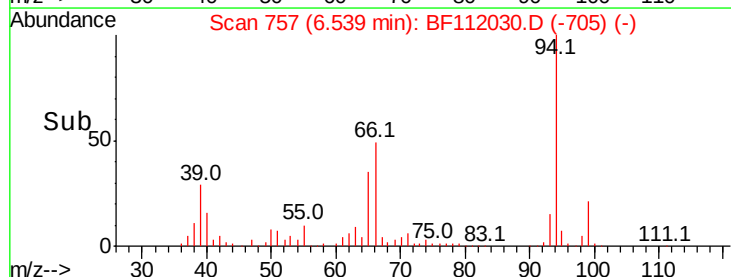
65 233.8 37.5 56.3#

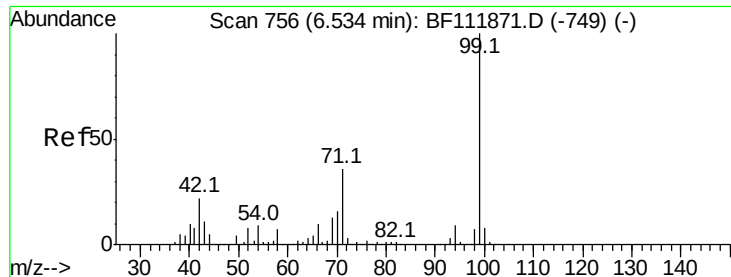


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.574 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

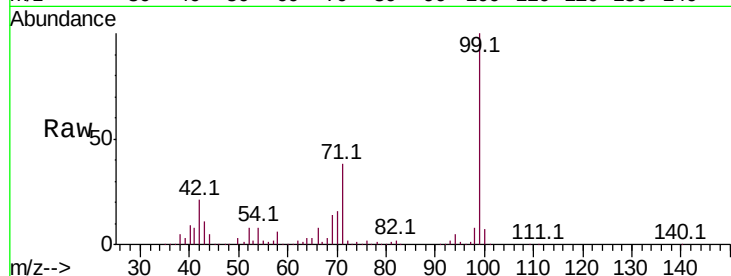
Tot Ion: 99 Resp: 691341

Ion Ratio Lower Upper

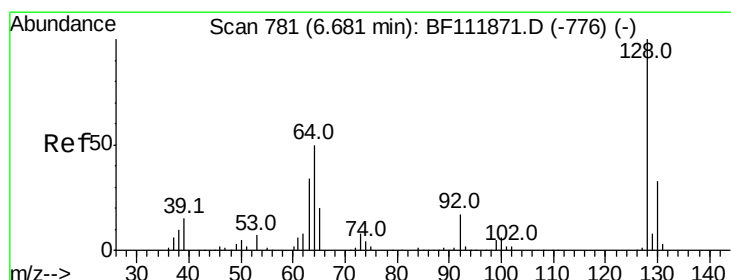
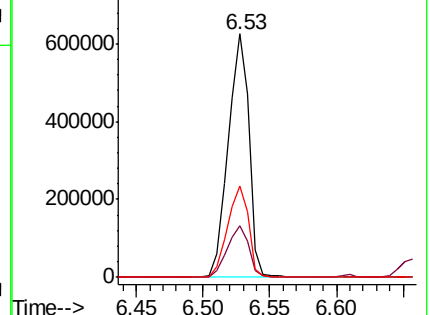
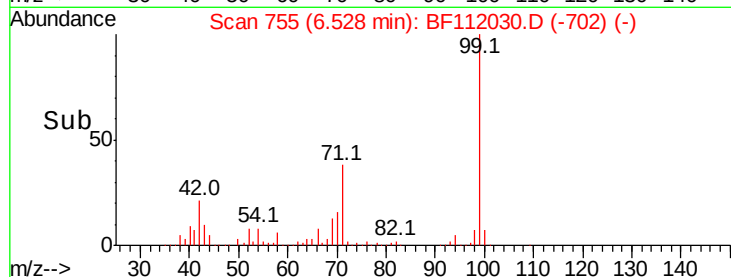
99 100

42 21.1 17.9 26.9

71 37.6 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.457 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

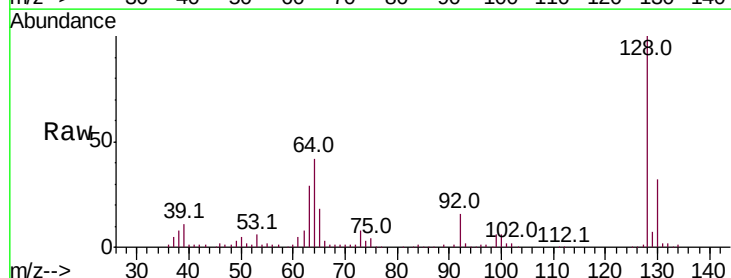
Tgt Ion:128 Resp: 202891

Ion Ratio Lower Upper

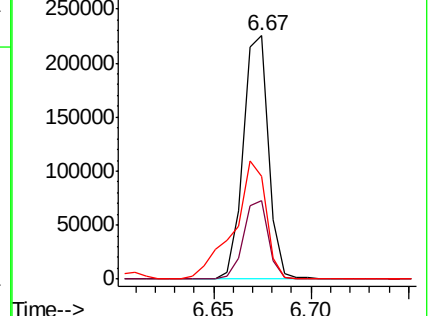
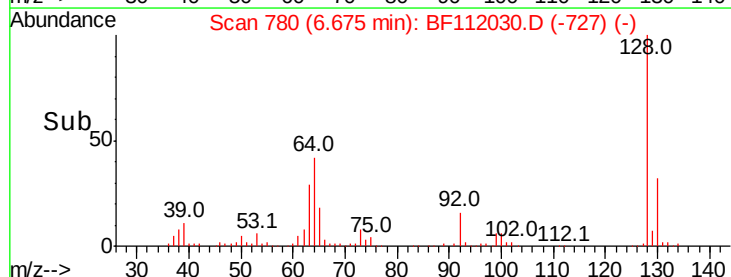
128 100

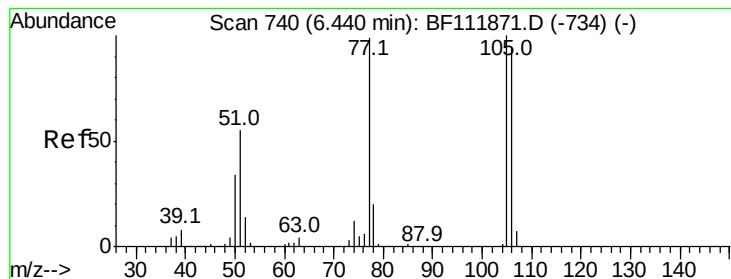
130 32.3 12.7 52.7

64 42.1 31.8 71.8



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: 19.201 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

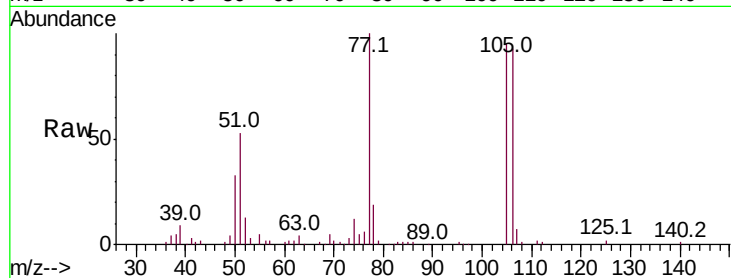
Tot Ion: 77 Resp: 70736

Ion Ratio Lower Upper

77 100

105 95.3 80.6 120.6

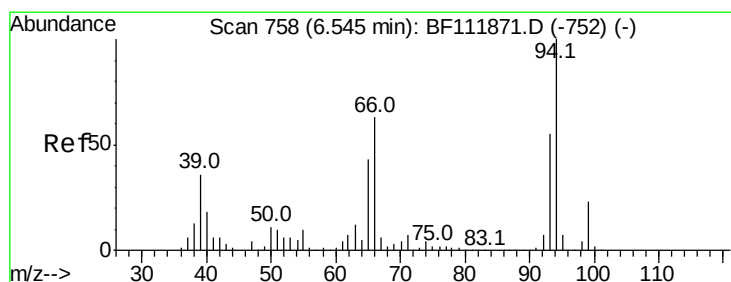
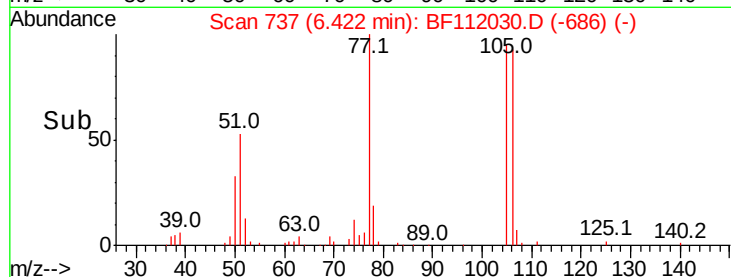
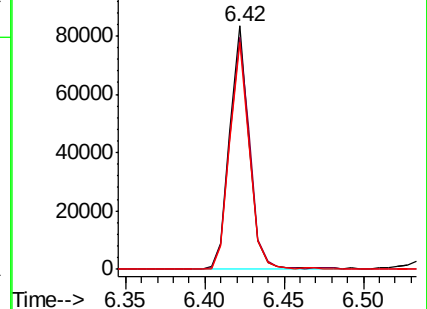
106 93.4 74.6 114.6



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: 44.887 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

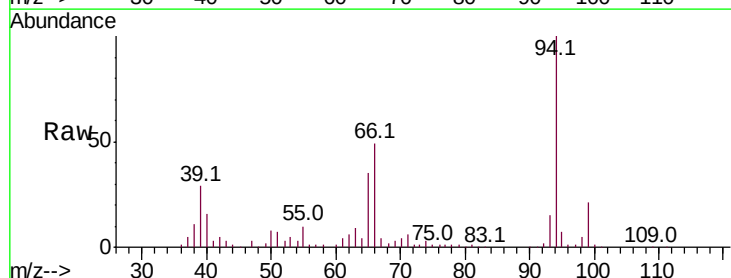
Tgt Ion: 94 Resp: 264382

Ion Ratio Lower Upper

94 100

65 34.6 22.8 62.8

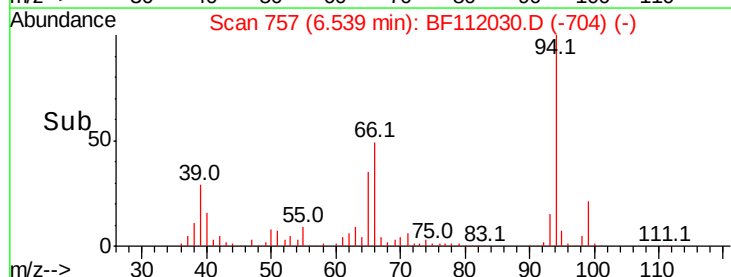
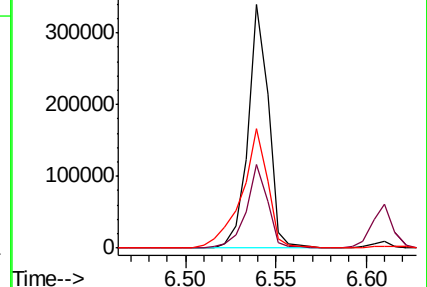
66 49.2 43.3 83.3

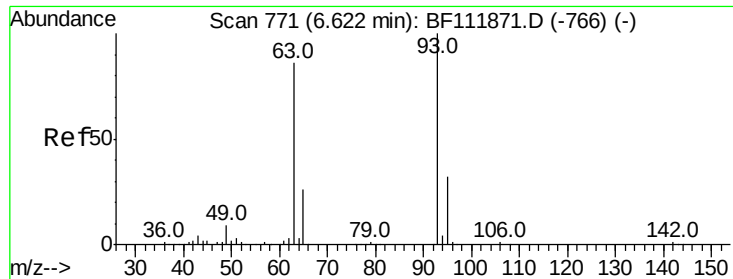


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.093 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

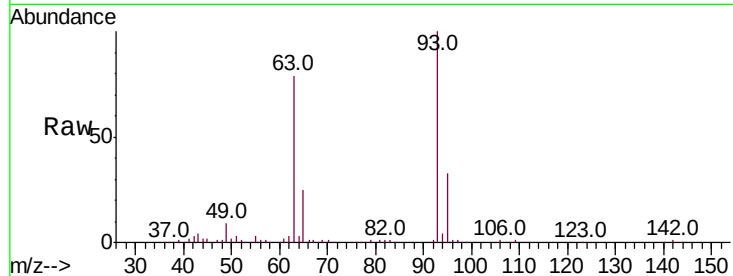
Tot Ion: 93 Resp: 191801

Ion Ratio Lower Upper

93 100

63 78.8 65.2 105.2

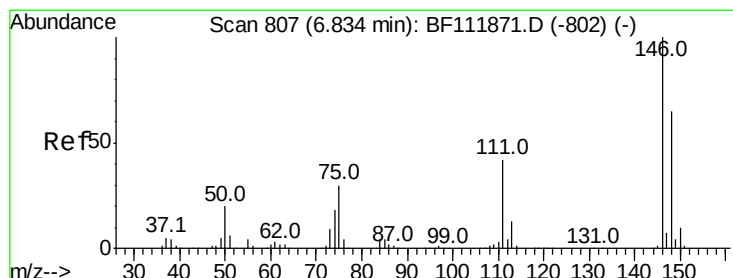
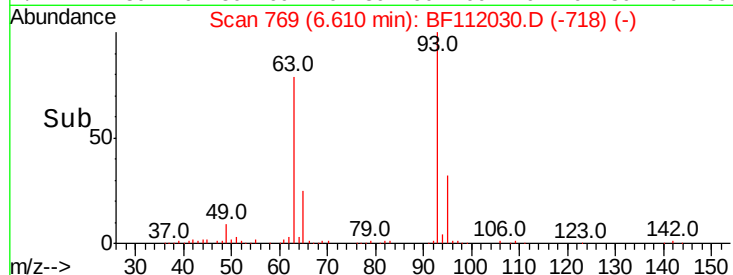
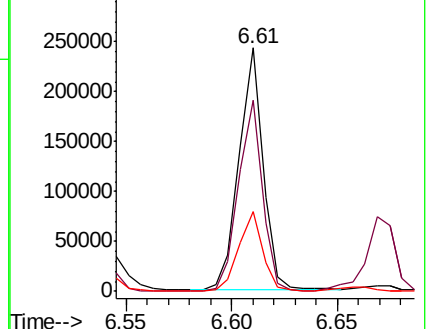
95 32.5 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.847 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

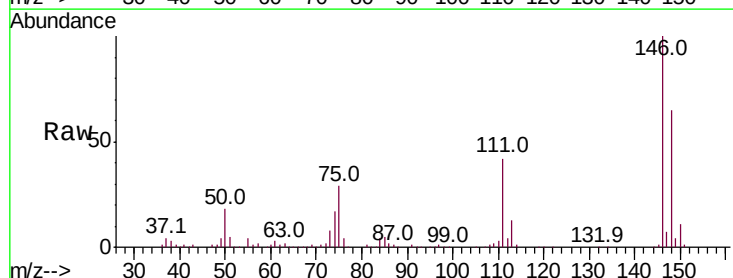
Tgt Ion: 146 Resp: 226492

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

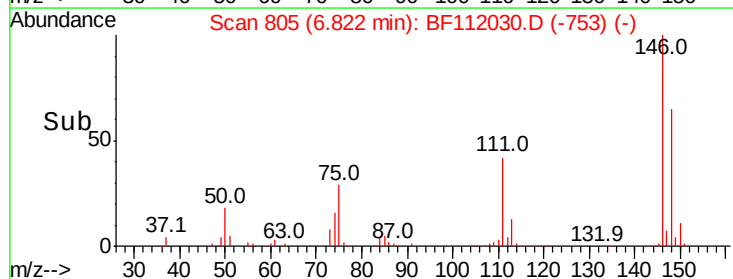
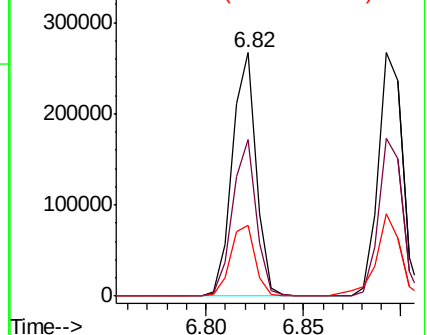
75 29.1 24.3 36.5

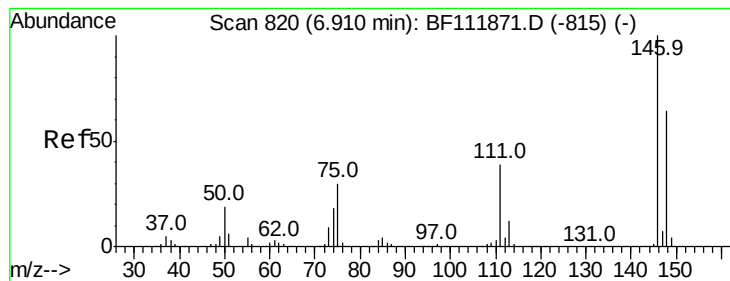


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.135 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

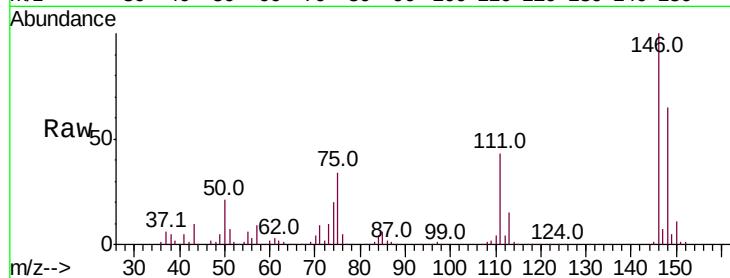
Tot Ion:146 Resp: 231420

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

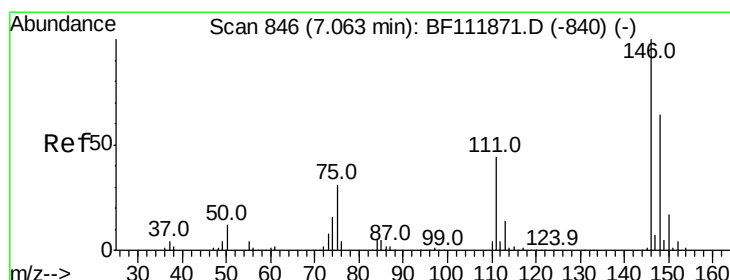
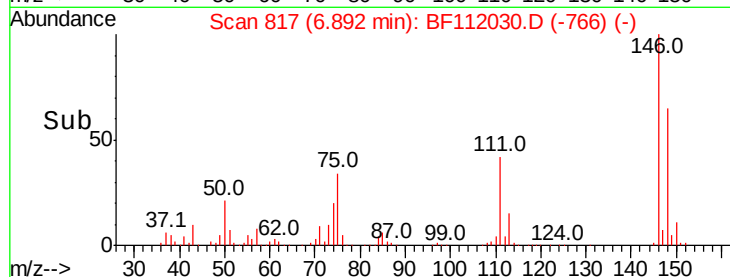
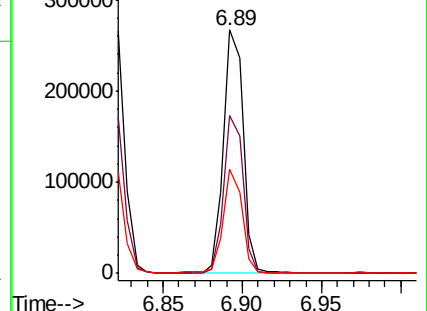
111 42.7 31.5 47.3



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: 41.399 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

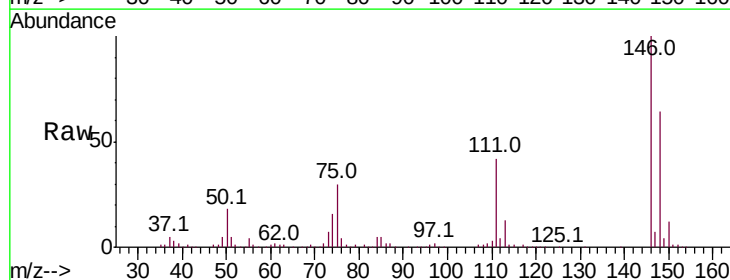
Tgt Ion:146 Resp: 217348

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

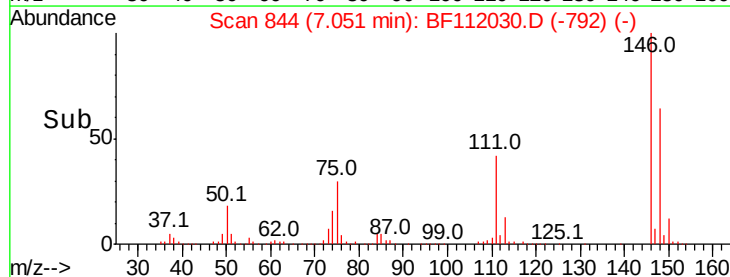
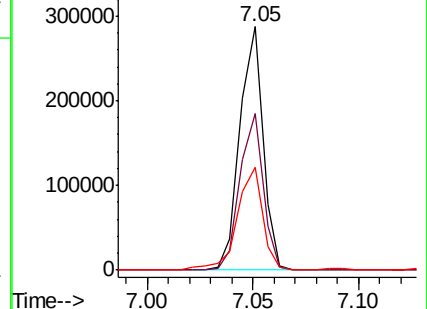
111 42.4 35.5 53.3

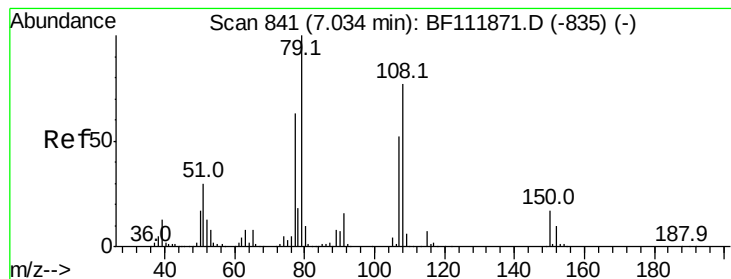


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.408 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

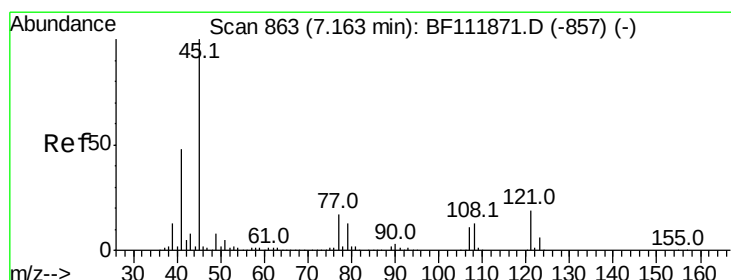
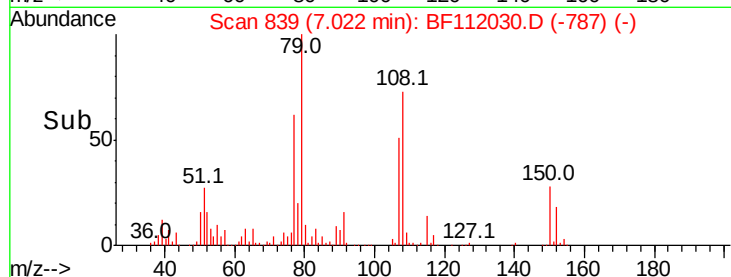
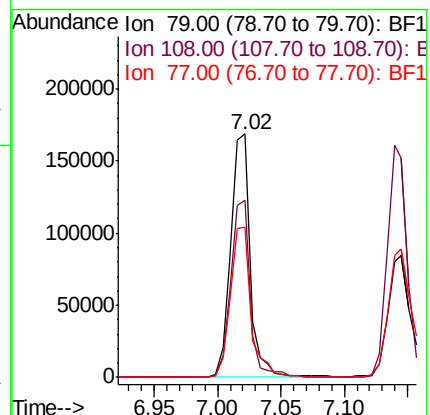
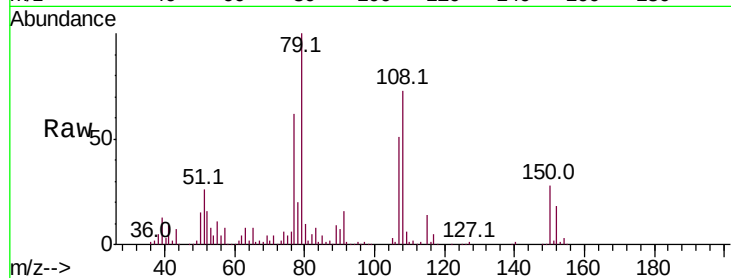
Tot Ion: 79 Resp: 177545

Ion Ratio Lower Upper

79 100

108 72.7 61.4 92.0

77 61.6 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.872 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

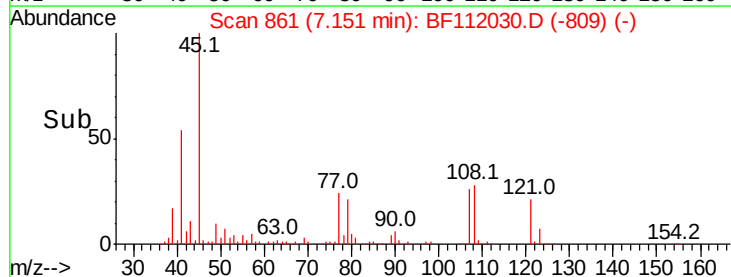
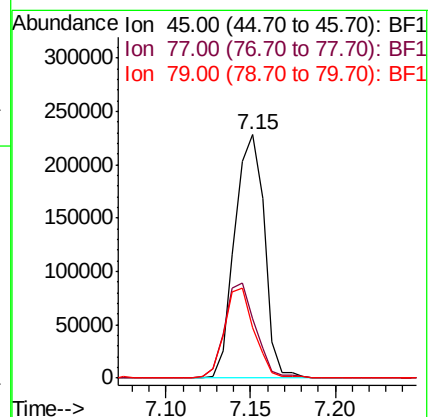
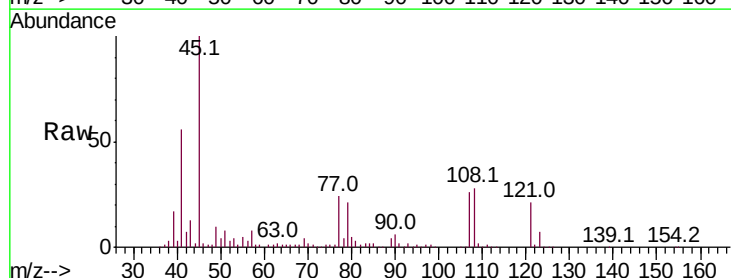
Tgt Ion: 45 Resp: 278683

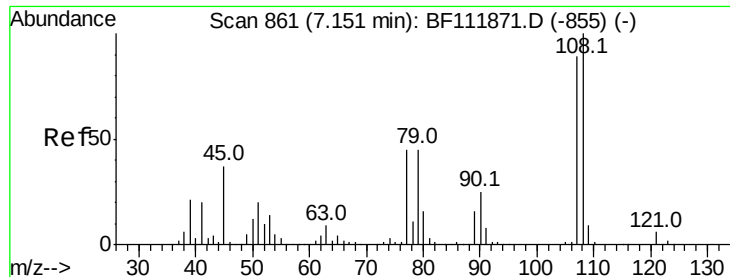
Ion Ratio Lower Upper

45 100

77 24.5 0.0 37.1

79 20.8 0.0 33.9





#17

2-Methylphenol

Concen: 42.281 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 158652

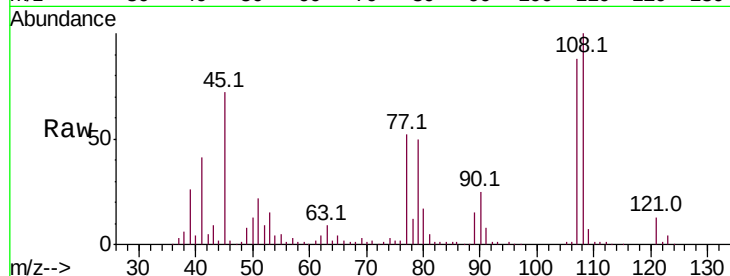
Ion Ratio Lower Upper

107 100

108 113.5 89.7 134.5

77 59.6 40.6 60.8

79 56.7 40.2 60.2

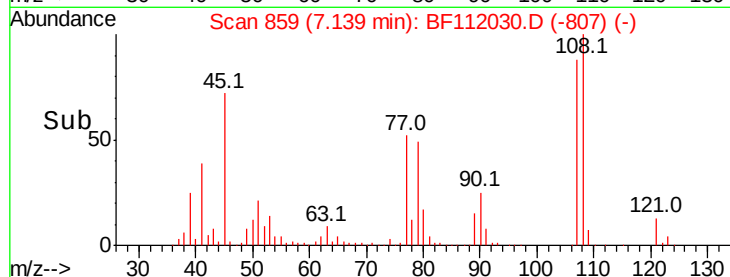


Abundance Ion 107.00 (106.70 to 107.70): E

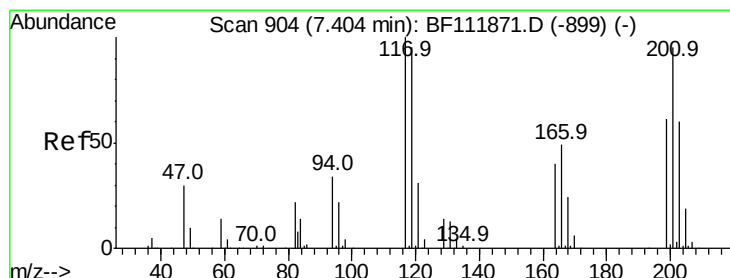
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 30.645 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

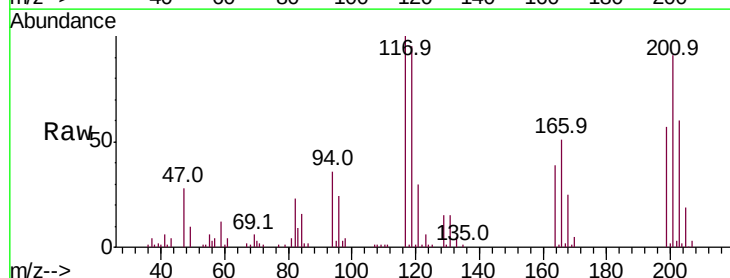
Tgt Ion:117 Resp: 58766

Ion Ratio Lower Upper

117 100

119 94.9 76.2 114.2

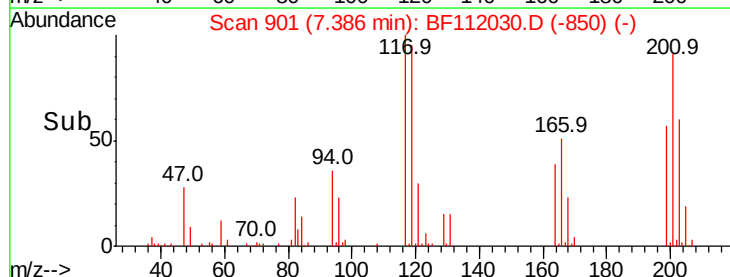
201 91.1 75.7 113.5



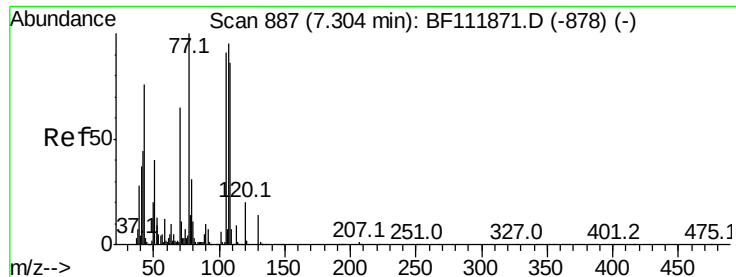
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 42.107 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 148260

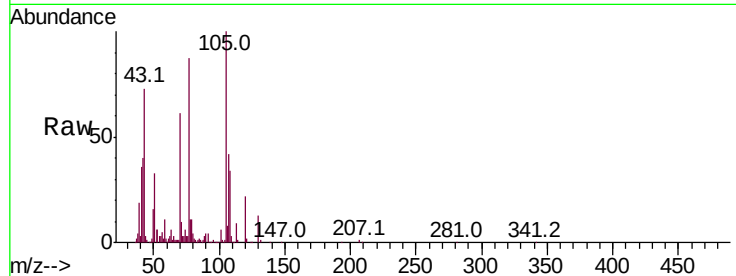
Ion Ratio Lower Upper

70 100

42 66.1 53.6 80.4

101 9.3 7.3 10.9

130 21.2 16.8 25.2

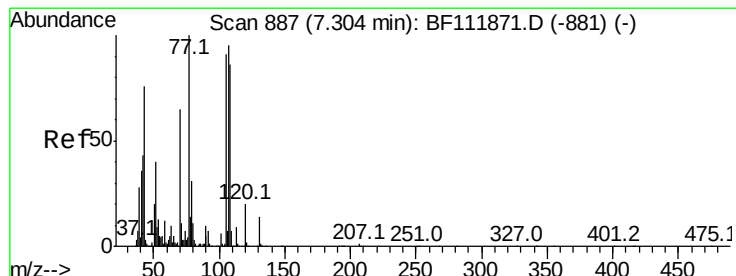
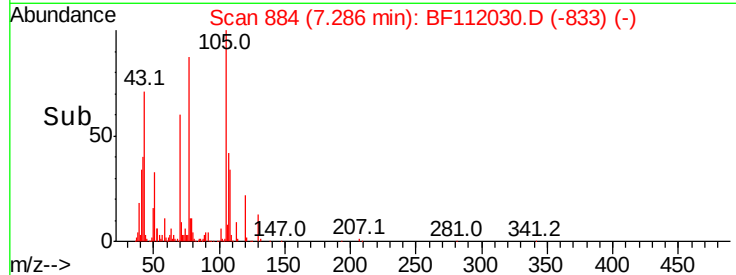
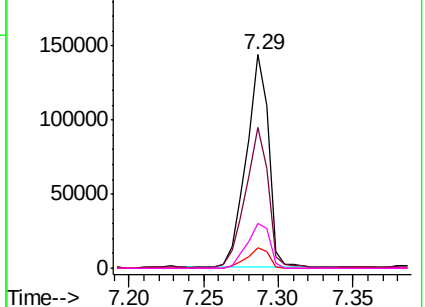


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.861 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:107 Resp: 209498

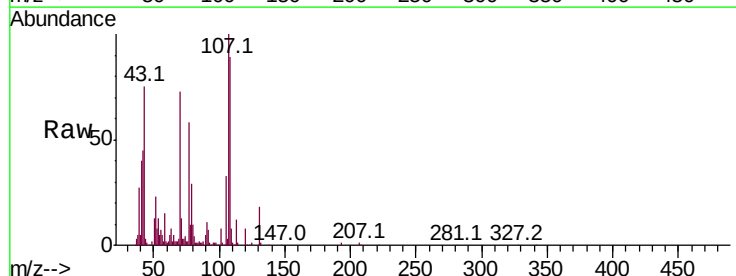
Ion Ratio Lower Upper

107 100

108 89.1 71.1 111.1

77 58.1 85.4 125.4#

79 29.4 12.4 52.4

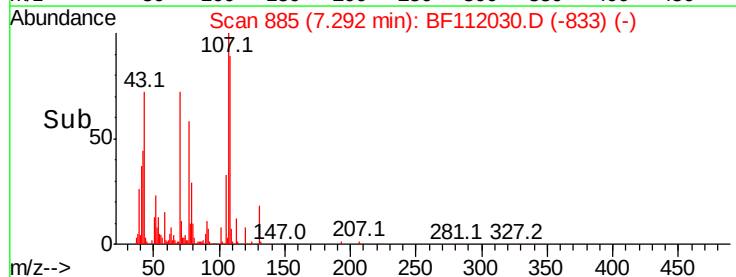
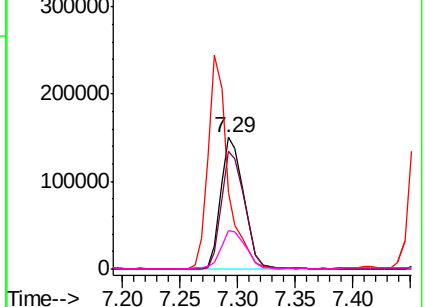


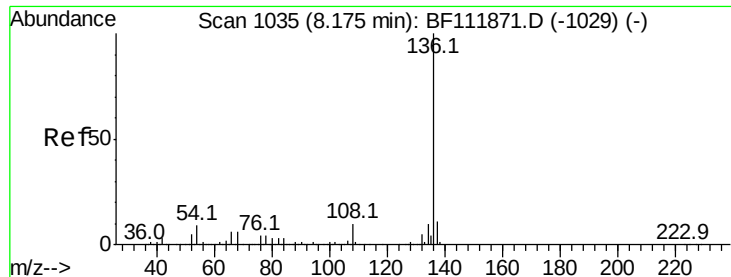
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

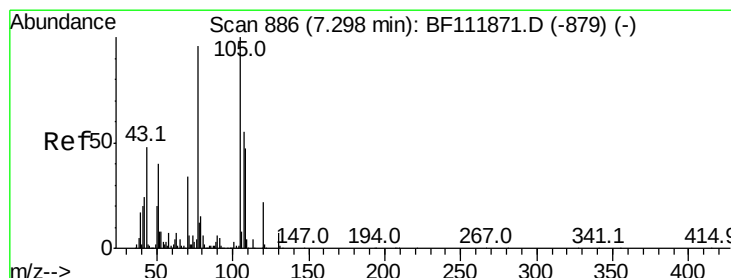
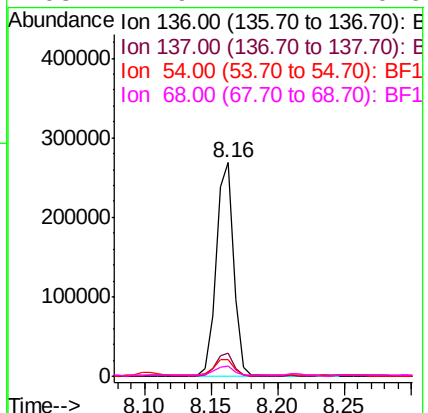
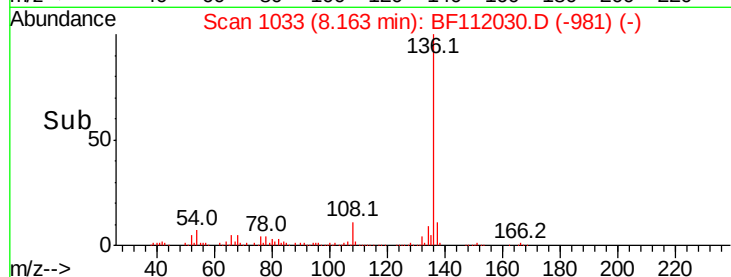
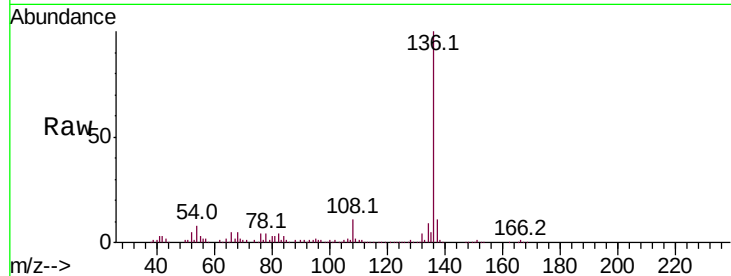




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

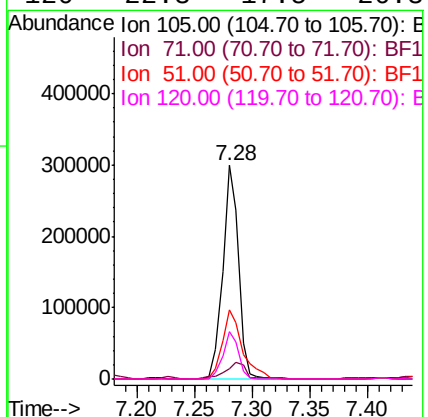
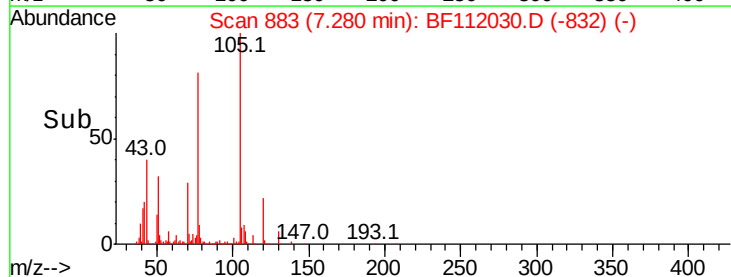
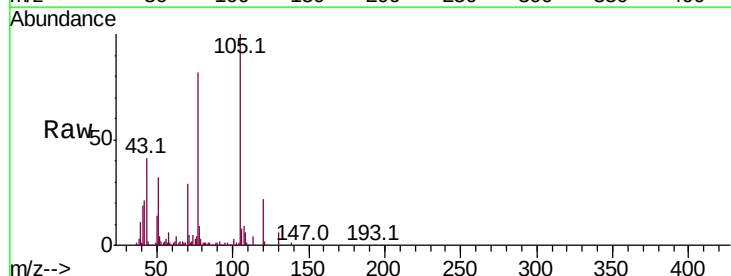
Instrument :
BNA_F
ClientSampleId :

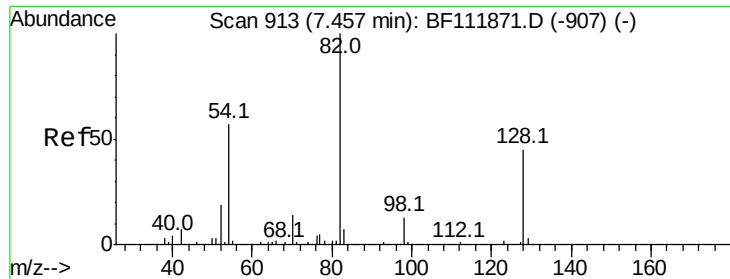
Tot Ion:136	Resp:	249359
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	7.6	7.2 10.8
68	4.9	4.4 6.6



#22
Acetophenone
Concen: 44.885 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:105	Resp:	283360
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.6 6.8
51	32.4	32.2 48.2
120	22.3	17.5 26.3

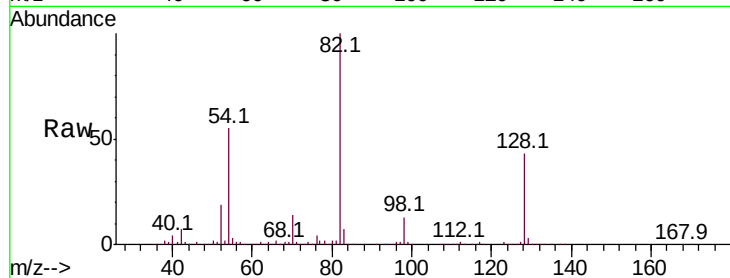




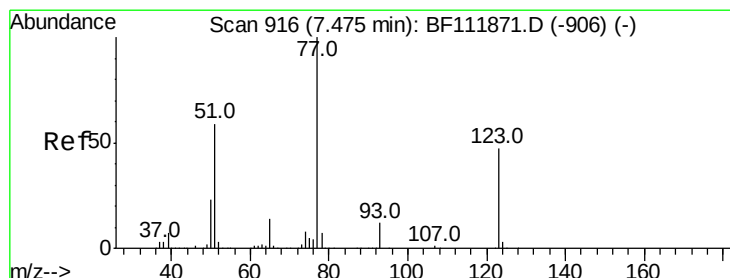
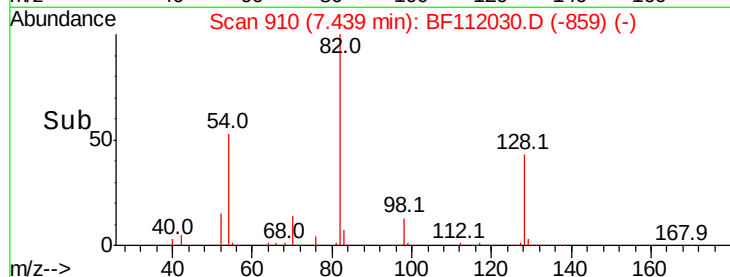
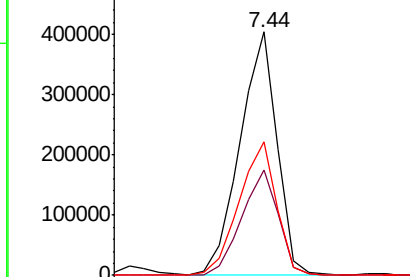
#23
Nitrobenzene-d5
Concen: 87.269 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 407169
Ion Ratio Lower Upper
82 100
128 43.1 35.7 53.5
54 54.9 45.8 68.8

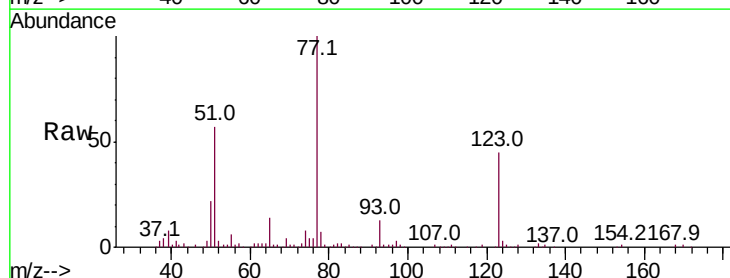


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

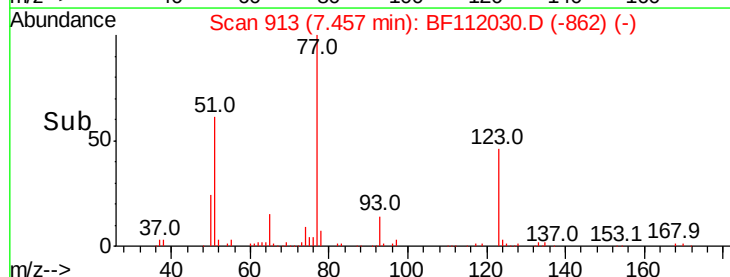
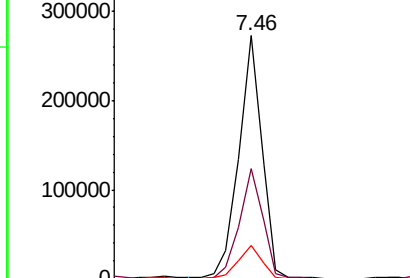


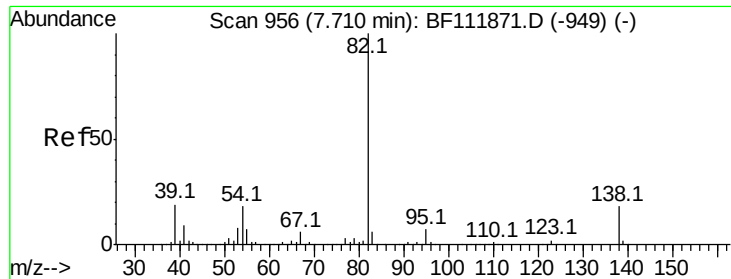
#24
Nitrobenzene
Concen: 43.616 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion: 77 Resp: 205855
Ion Ratio Lower Upper
77 100
123 45.1 38.1 57.1
65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 48.635 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

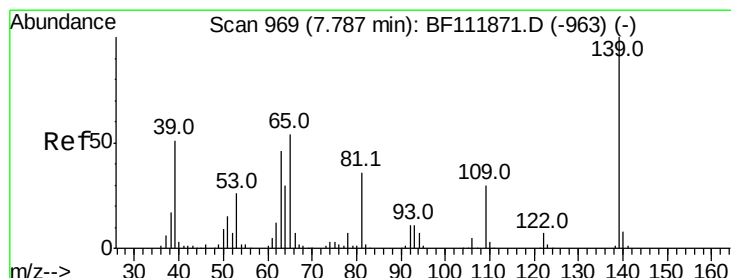
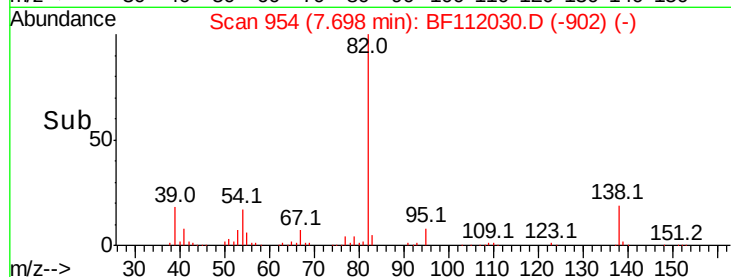
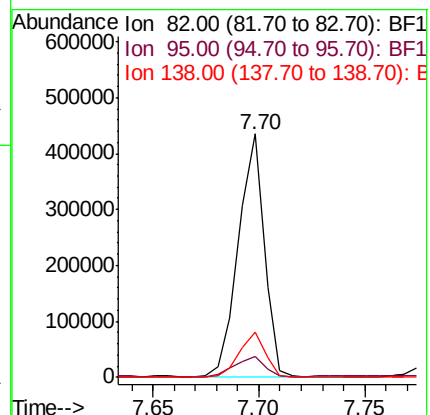
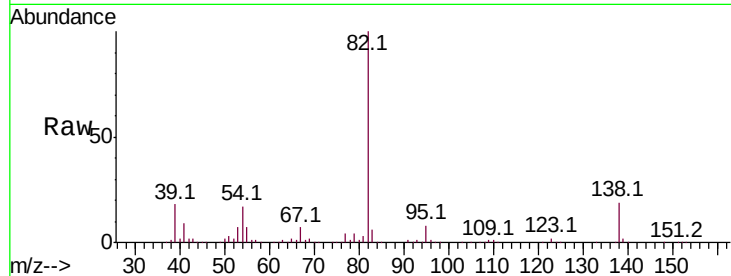
Tot Ion: 82 Resp: 367448

Ion Ratio Lower Upper

82 100

95 8.4 5.8 8.6

138 18.6 14.4 21.6



#26

2-Nitrophenol

Concen: 35.926 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

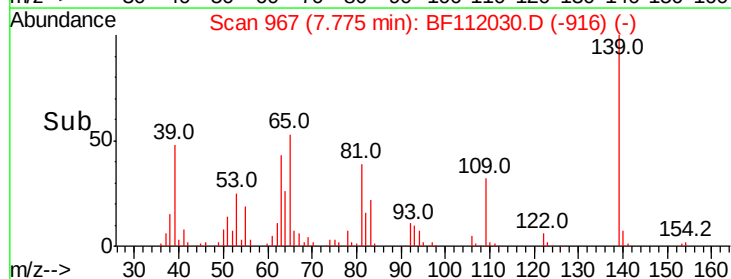
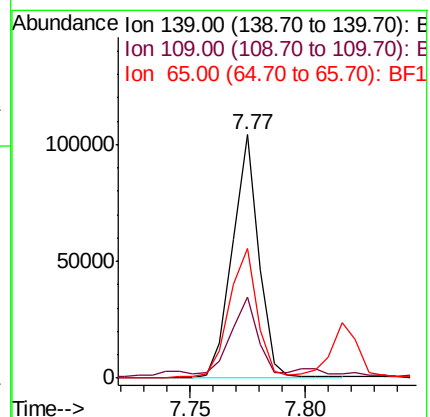
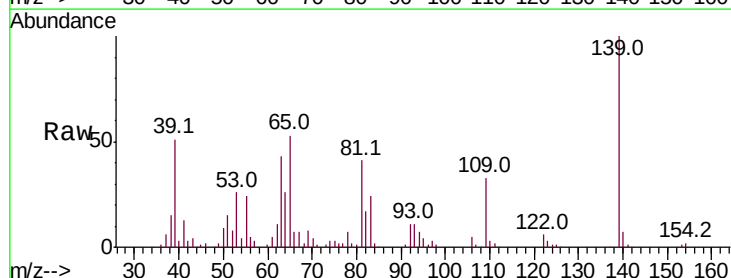
Tgt Ion: 139 Resp: 83490

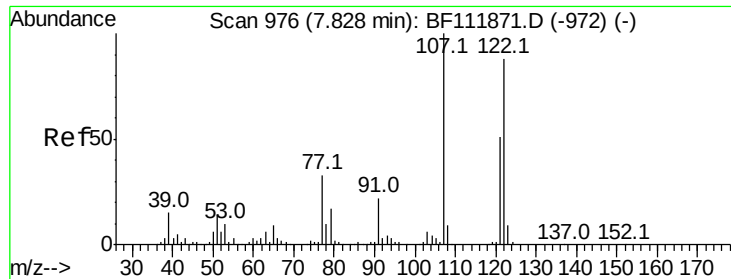
Ion Ratio Lower Upper

139 100

109 33.2 24.1 36.1

65 53.1 43.6 65.4

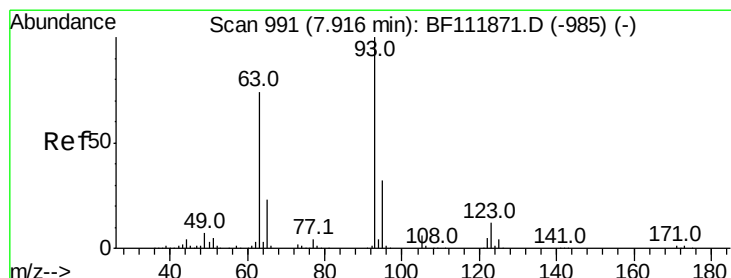
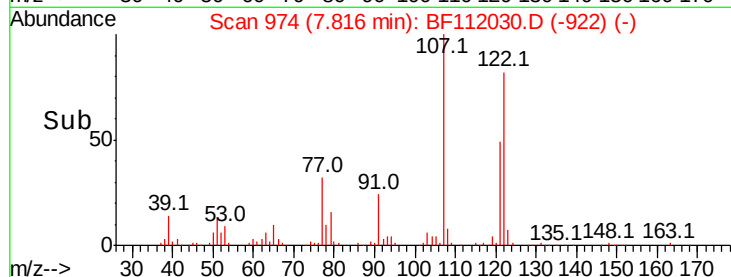
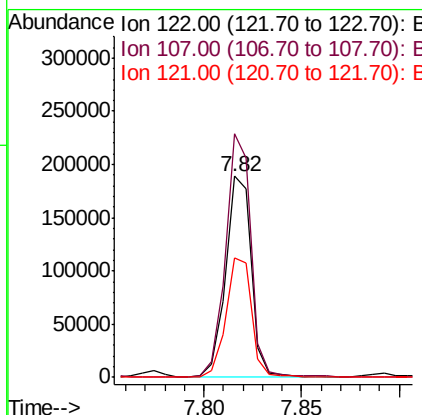
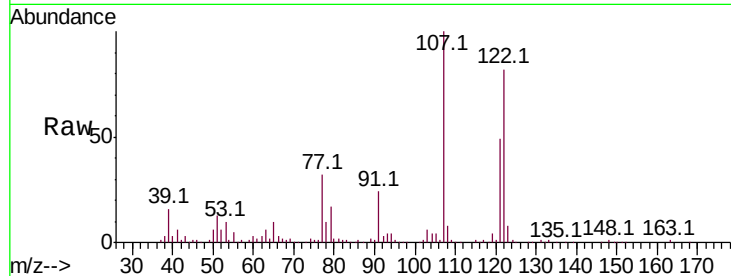




#27
2,4-Dimethylphenol
Concen: 51.495 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

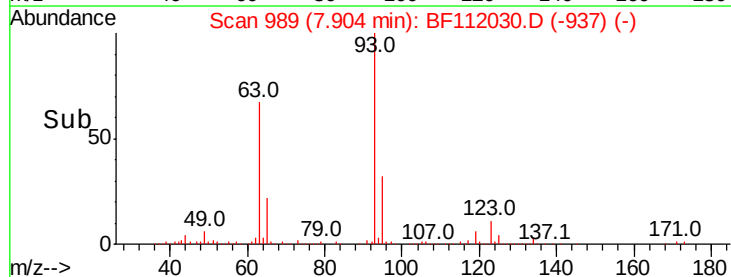
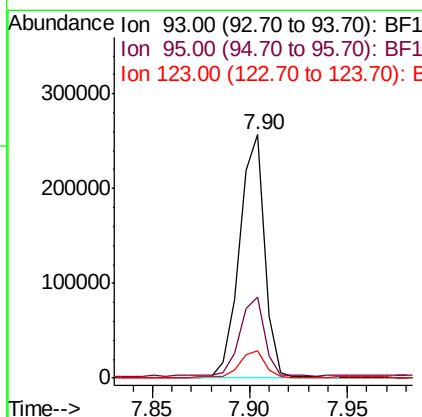
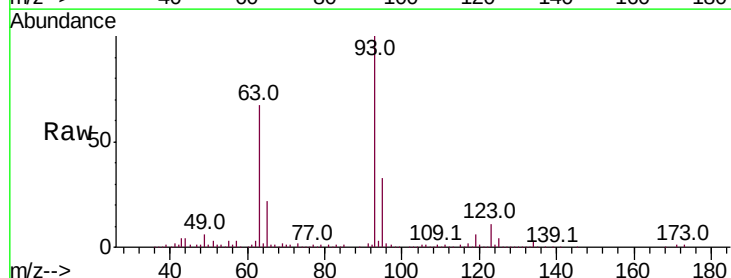
Instrument :
BNA_F
ClientSampleId :

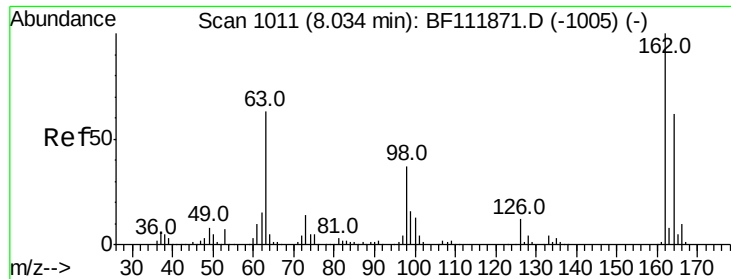
Tot Ion:122 Resp: 173029
Ion Ratio Lower Upper
122 100
107 121.3 91.0 136.6
121 59.4 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.866 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion: 93 Resp: 231303
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.6
123 11.4 9.5 14.3

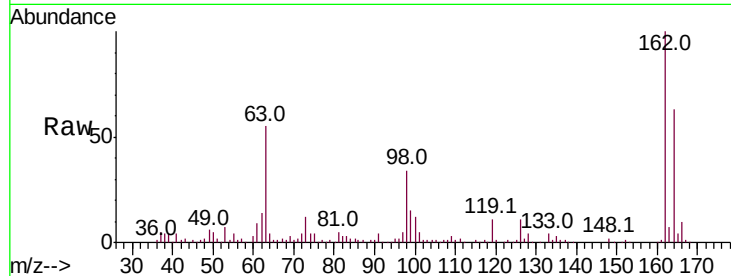




#29
 2,4-Dichlorophenol
 Concen: 43.746 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.1	82.1
98	33.8	17.2	57.2

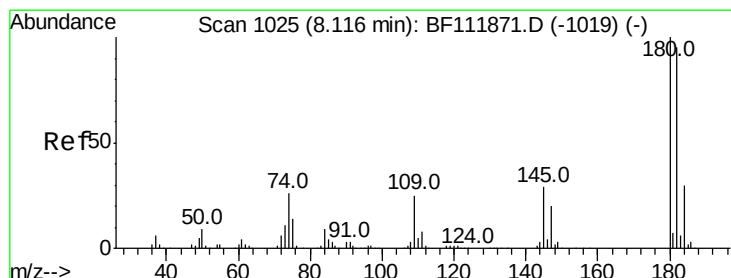
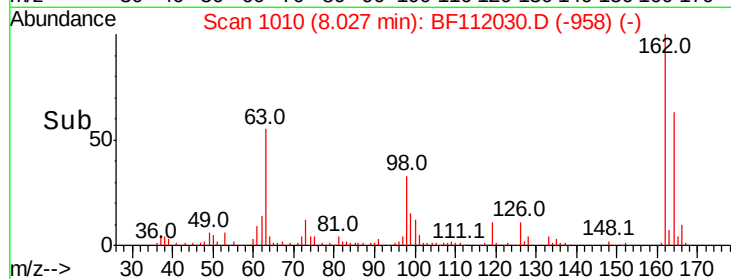
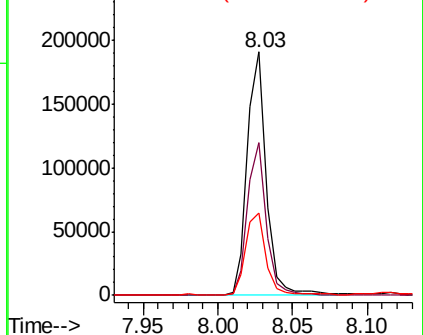


Abundance

Ion 162.00 (161.70 to 162.70): E

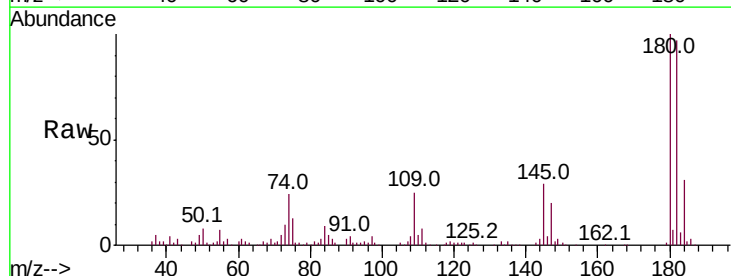
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.028 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.4
145	29.2	23.4	35.2

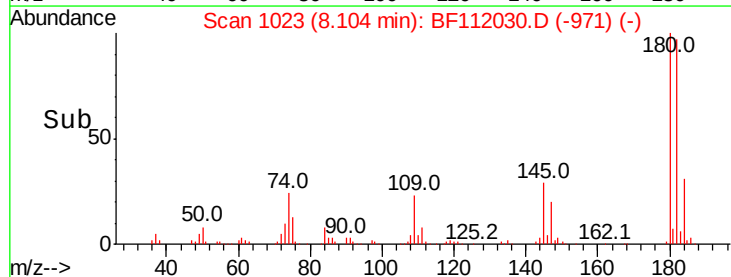
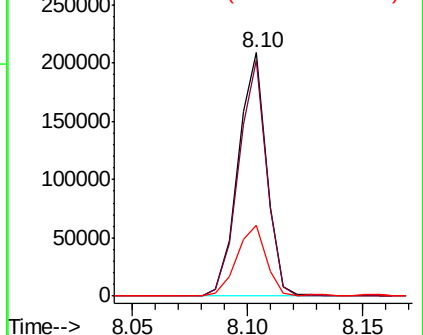


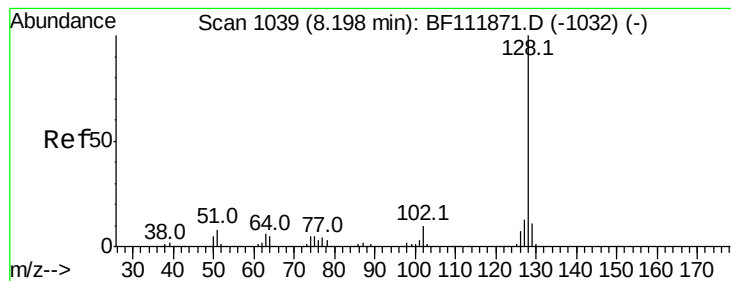
Abundance

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: 47.311 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

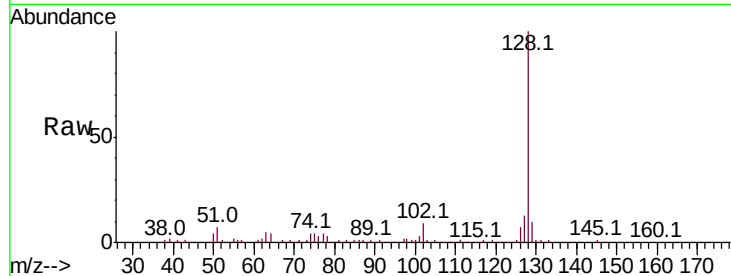
Tot Ion:128 Resp: 560034

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

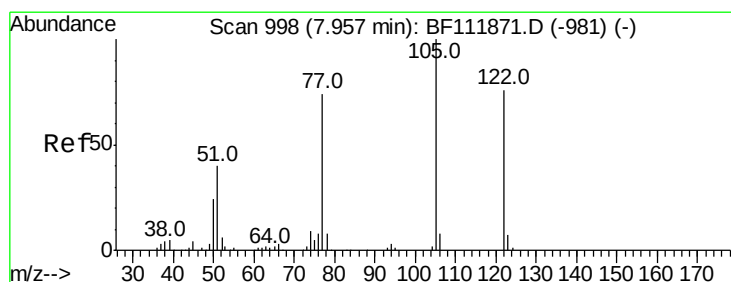
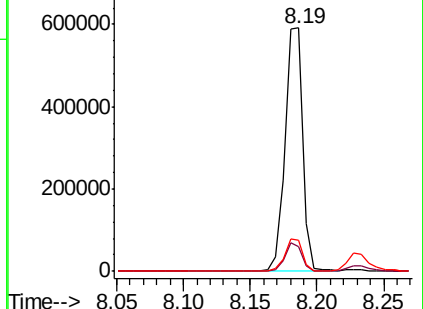
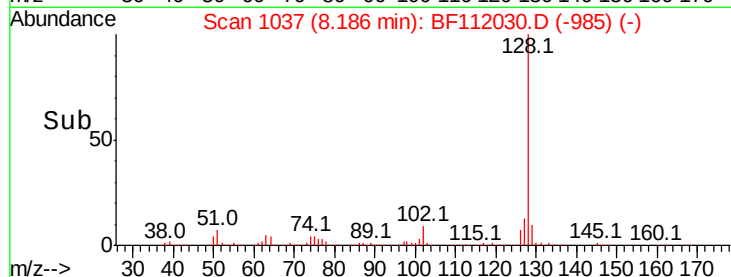
127 13.0 10.7 16.1



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: 79.353 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

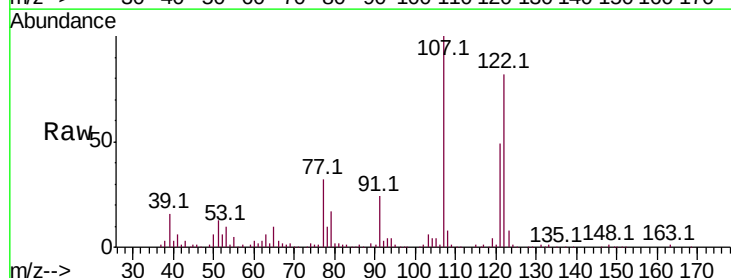
Tgt Ion:122 Resp: 173029

Ion Ratio Lower Upper

122 100

105 5.1 107.9 147.9#

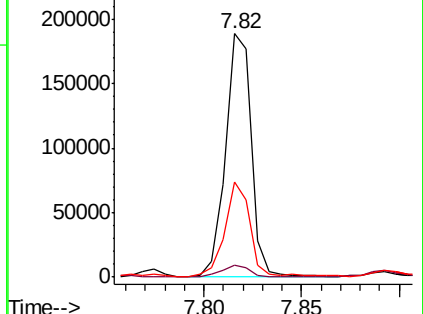
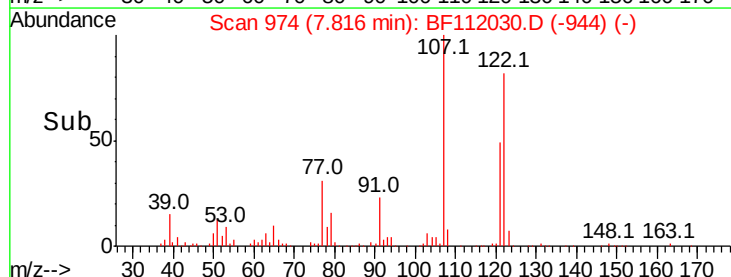
77 39.2 76.6 116.6#

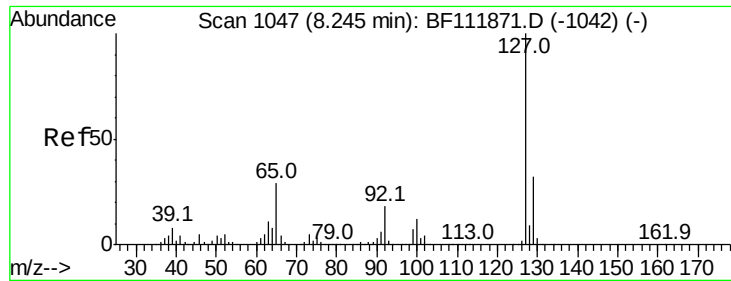


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

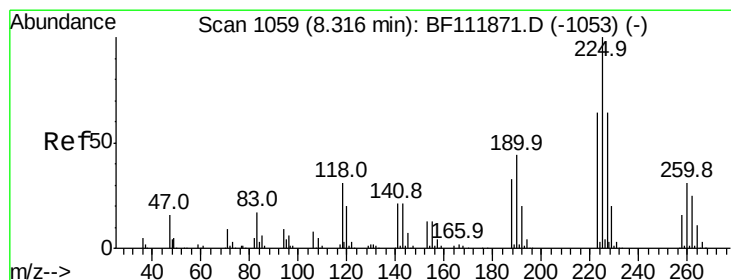
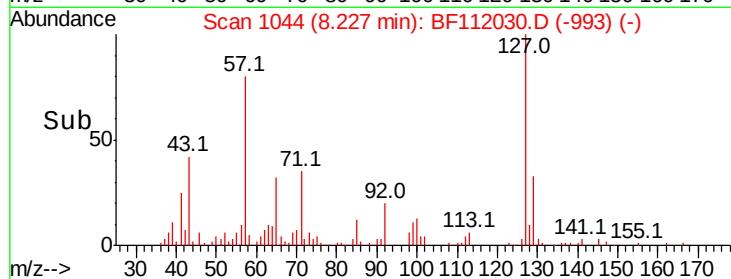
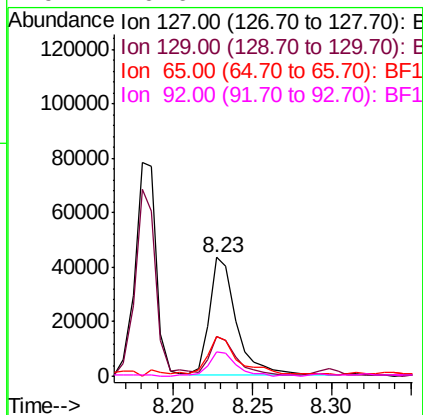
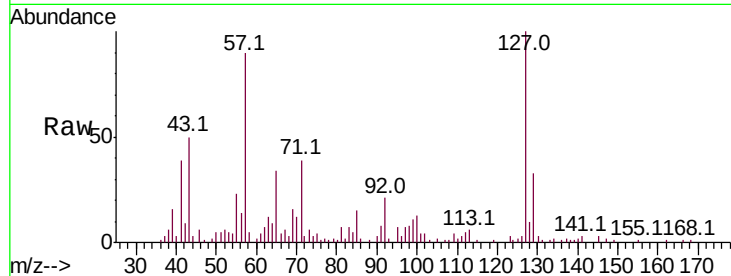




#33
4-Chloroaniline
Concen: 10.060 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

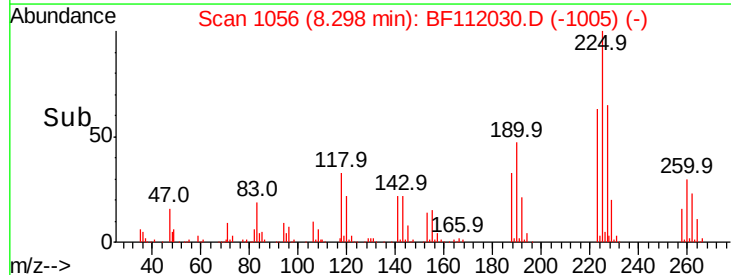
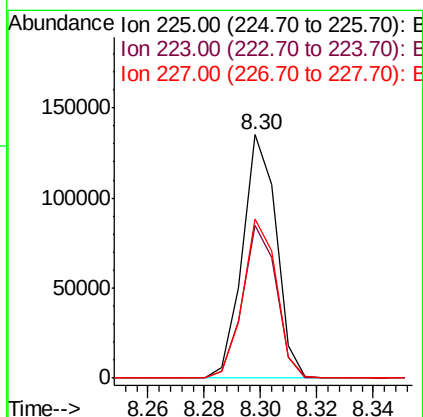
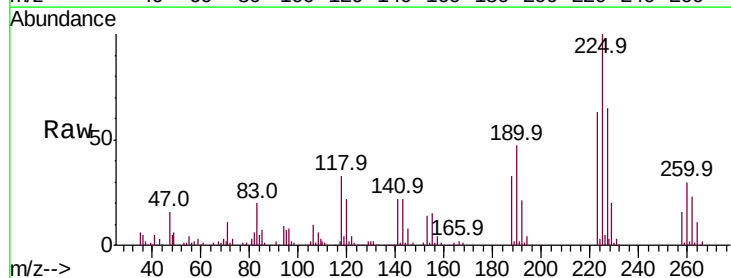
Instrument :
BNA_F
ClientSampled :

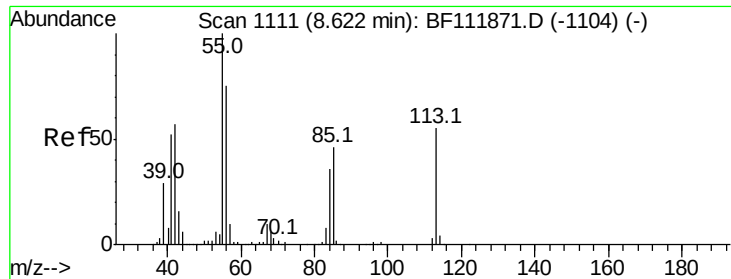
Tot Ion:	127	Resp:	51476
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	33.8	23.5	35.3
92	20.6	14.2	21.2



#34
Hexachlorobutadiene
Concen: 42.313 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:	225	Resp:	112279
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	65.3	51.4	77.0





#35

Caprolactam

Concen: 31.708 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

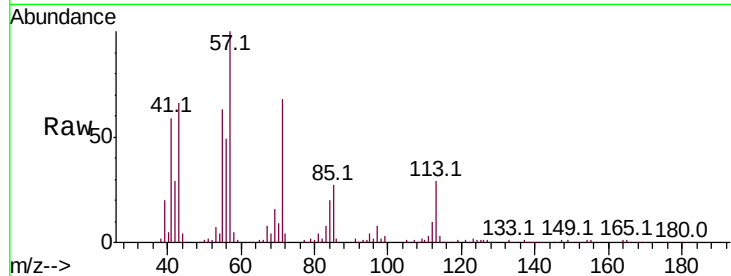
Tot Ion:113 Resp: 40028

Ion Ratio Lower Upper

113 100

55 214.1 162.0 202.0#

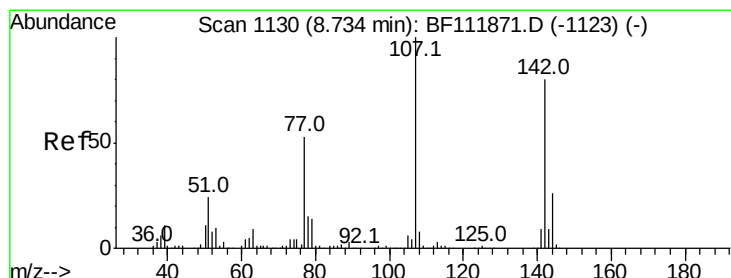
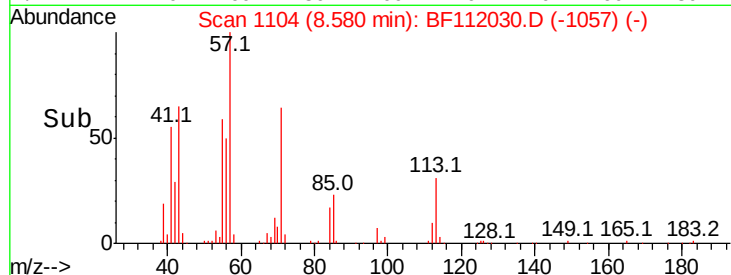
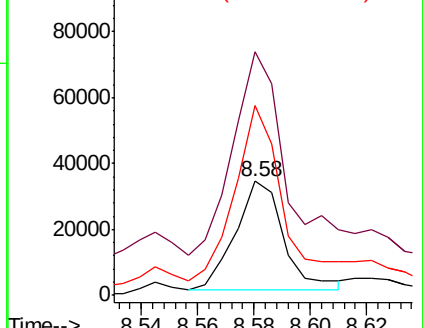
56 167.5 116.0 156.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.866 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

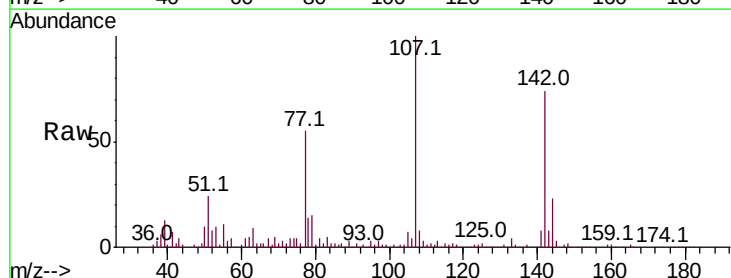
Tgt Ion:107 Resp: 164677

Ion Ratio Lower Upper

107 100

144 23.4 20.7 31.1

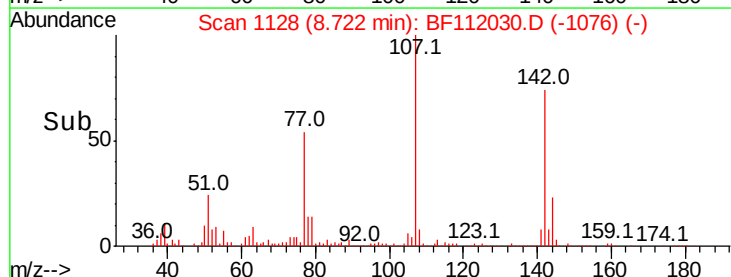
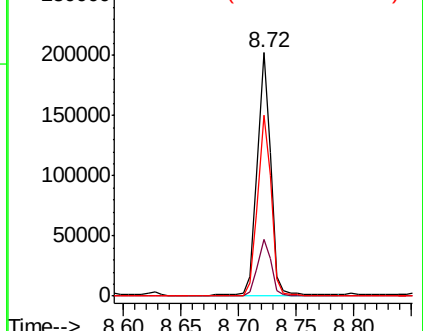
142 74.1 63.9 95.9

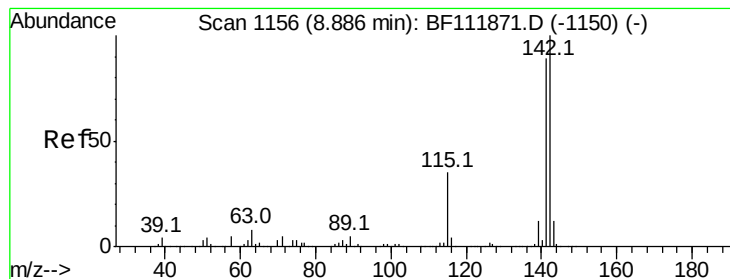


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.762 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

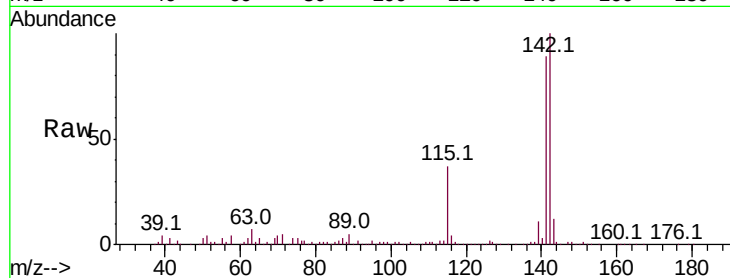
Tot Ion:142 Resp: 357662

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

115 37.0 28.3 42.5

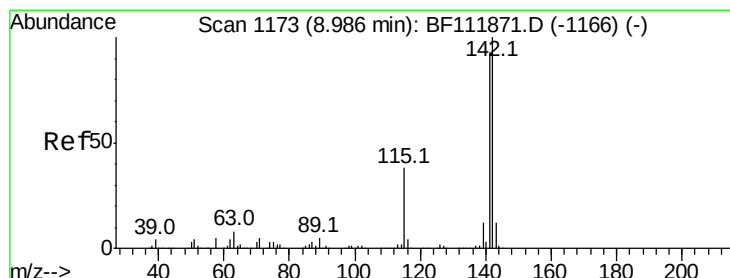
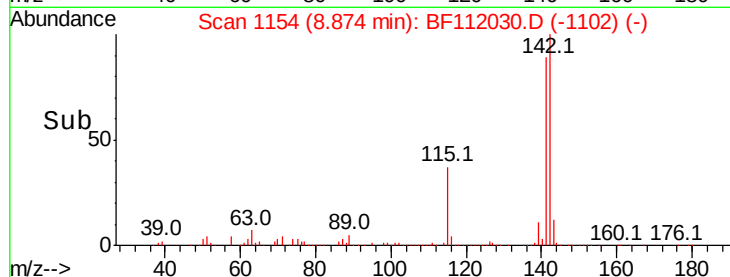
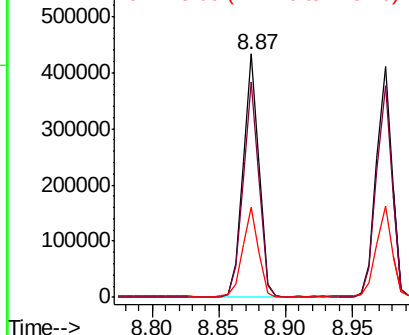


Abundance

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: 46.811 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

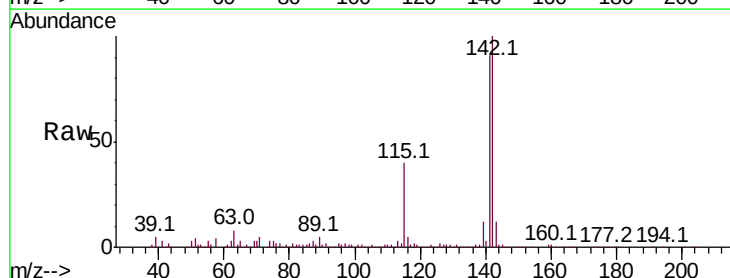
Tgt Ion:142 Resp: 329319

Ion Ratio Lower Upper

142 100

141 91.5 74.8 112.2

116 4.6 3.1 4.7

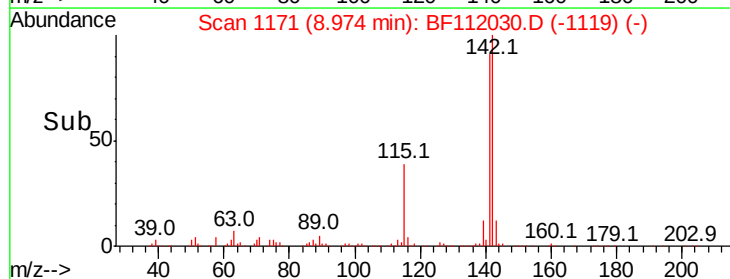
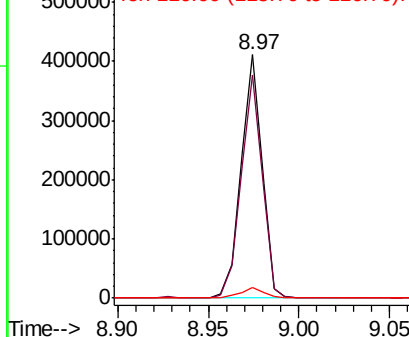


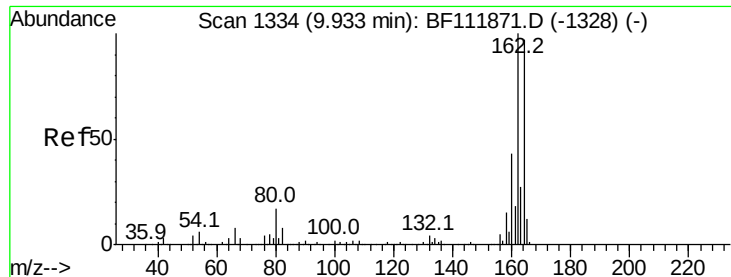
Abundance

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

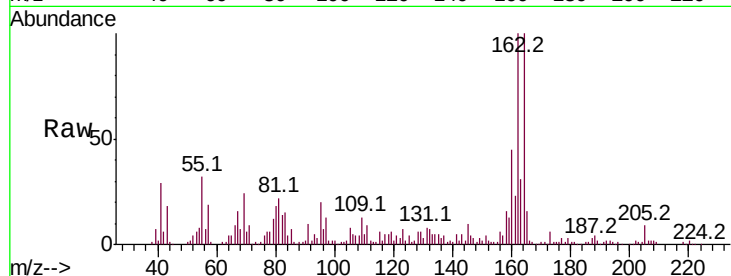




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.7	35.5	53.3

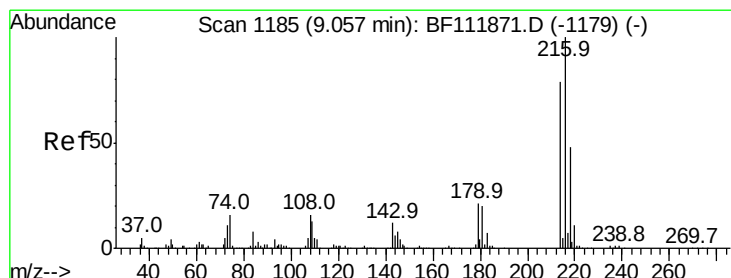
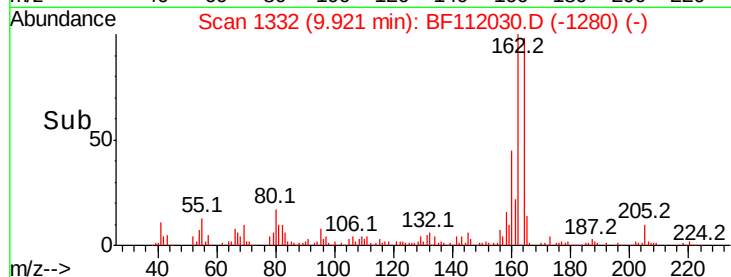
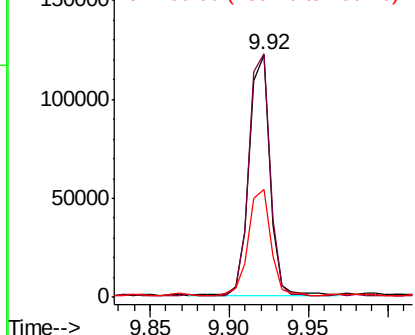


Abundance

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: 47.000 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	22.6	17.0	25.6
108	16.8	14.6	22.0

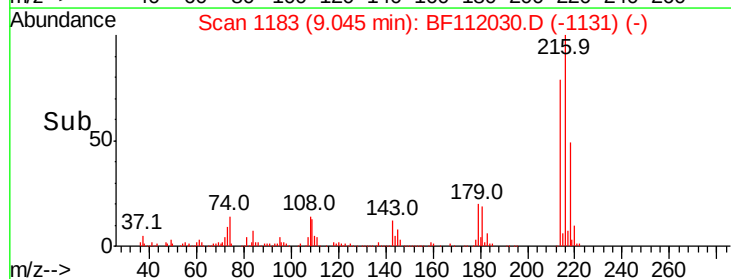
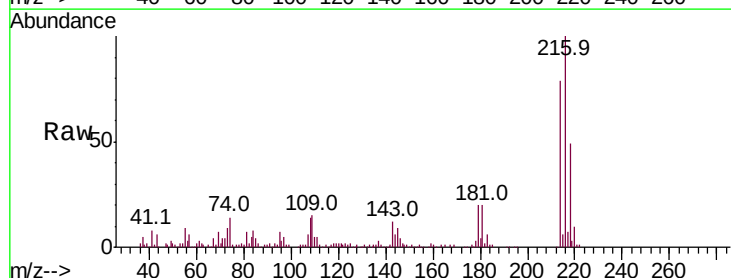
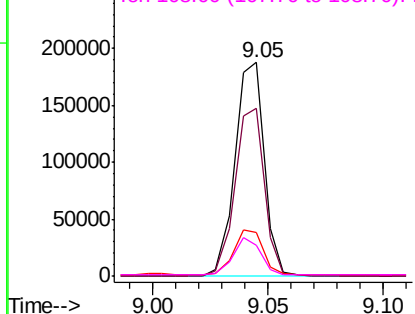
Abundance

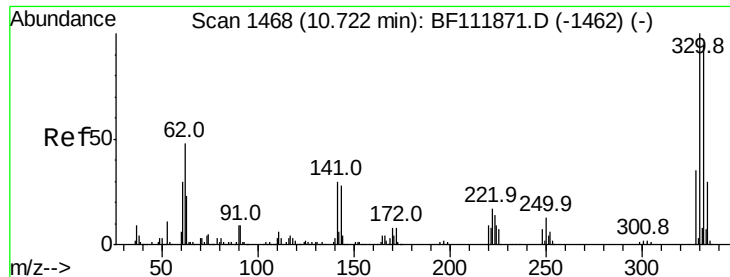
Ion 216.00 (215.70 to 216.70): E

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

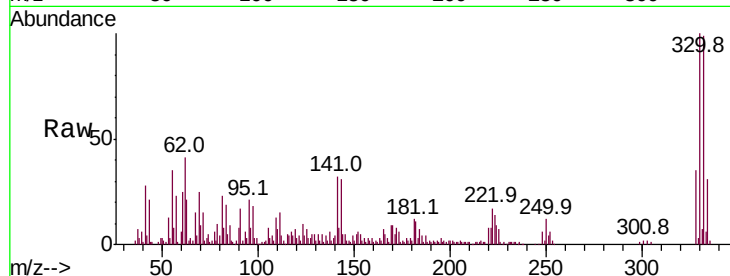




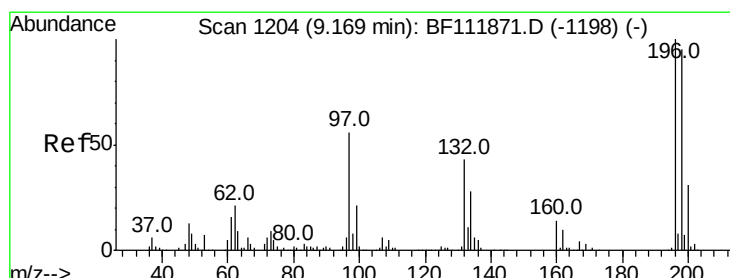
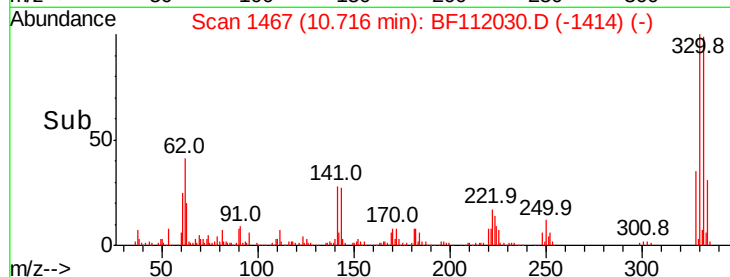
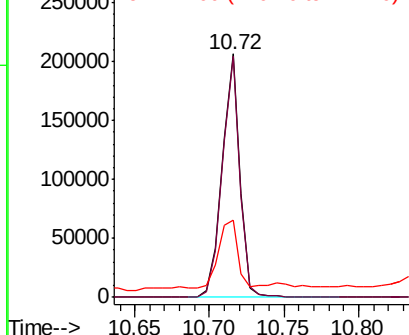
#42
 2,4,6-Tribromophenol
 Concen: 120.721 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 174182
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.9 115.3
 141 30.3 23.7 35.5

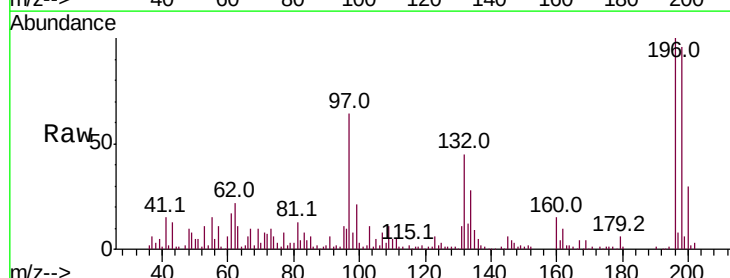


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

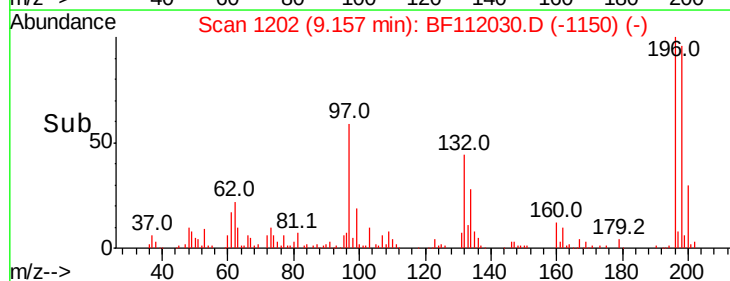
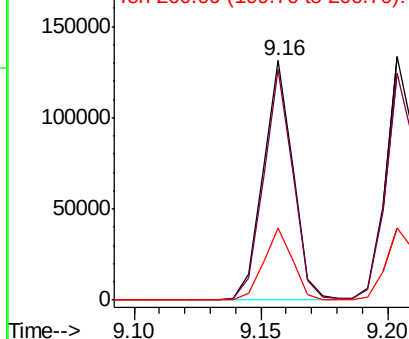


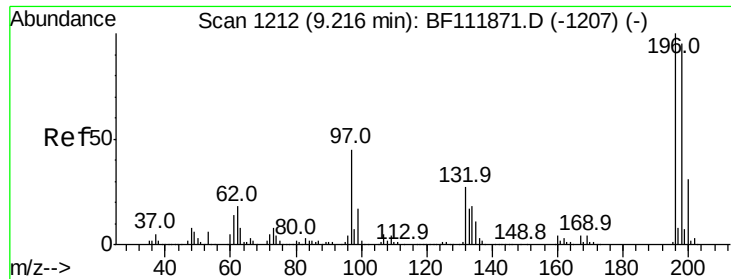
#43
 2,4,6-Trichlorophenol
 Concen: 45.072 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion:196 Resp: 108112
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.8 113.8
 200 29.9 24.5 36.7



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: 43.753 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 109957

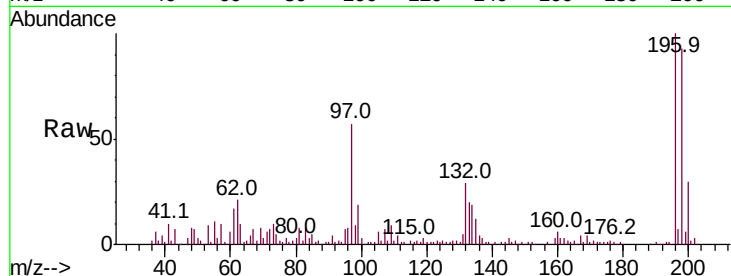
Ion Ratio Lower Upper

196 100

198 93.3 76.2 114.2

97 56.8 36.4 54.6#

132 29.1 21.7 32.5

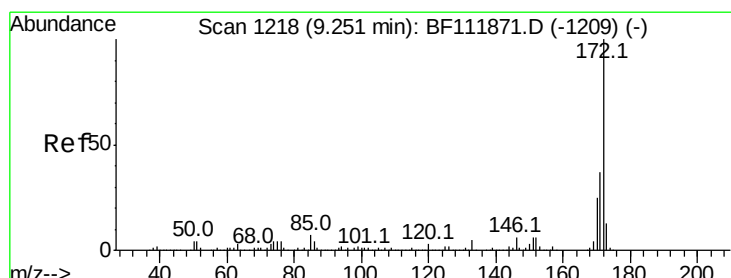
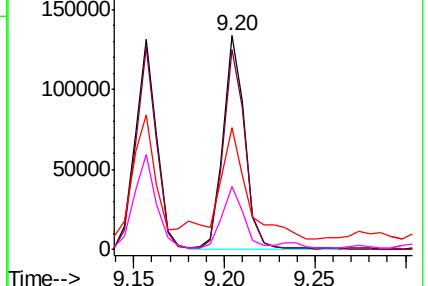
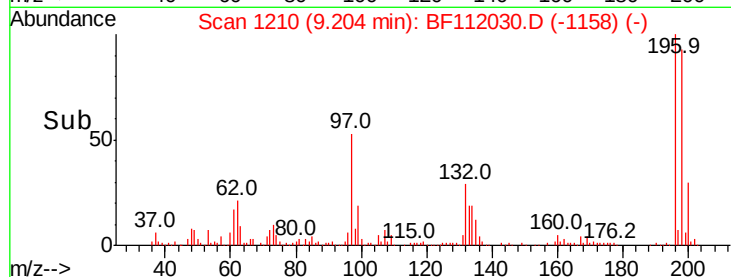


Abundance Ion 196.00 (195.70 to 196.70): E

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: 96.889 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

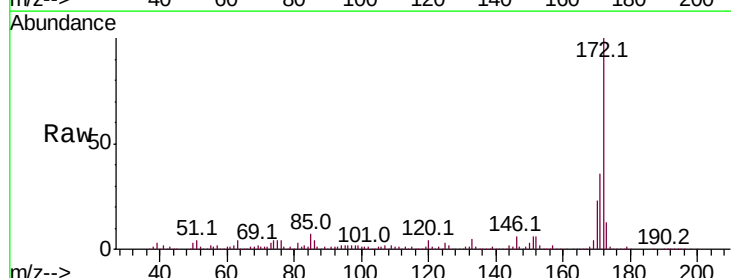
Tgt Ion:172 Resp: 737058

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

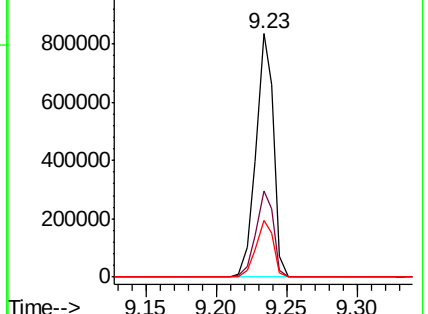
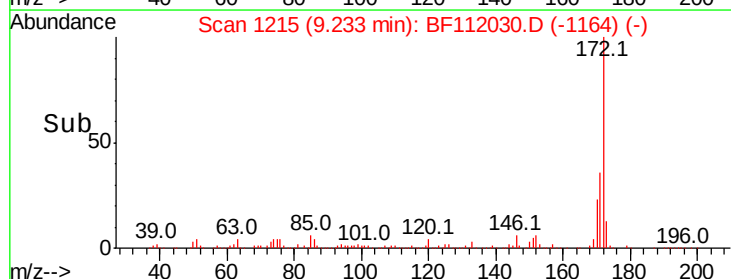
170 23.5 19.8 29.8

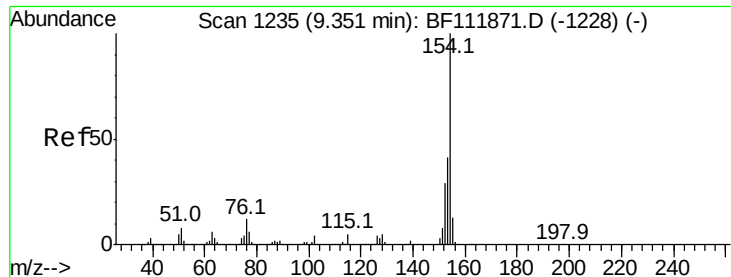


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

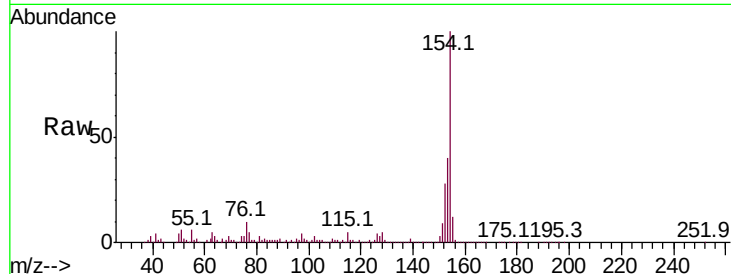




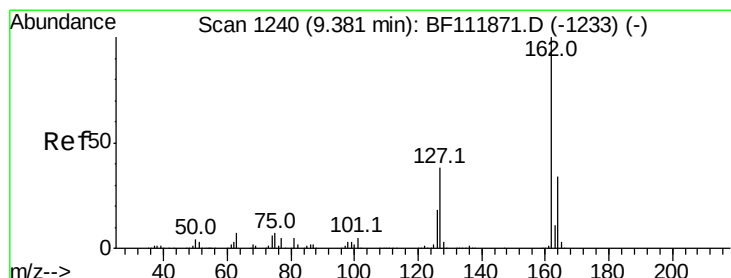
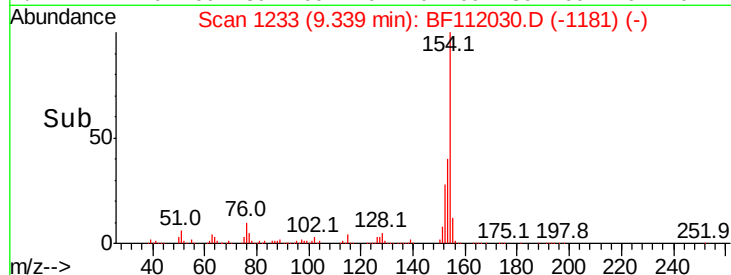
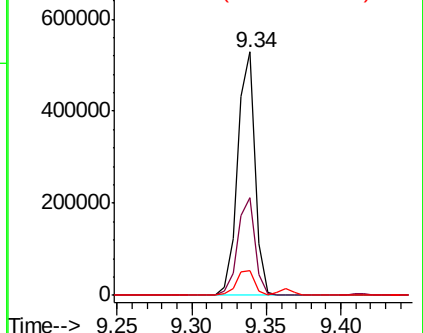
#46
1,1'-Biphenyl
Concen: 46.820 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	10.1	0.0	32.3

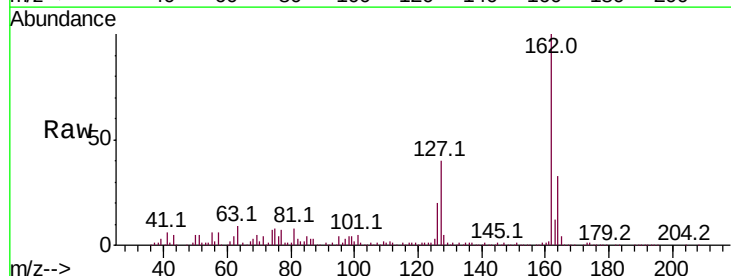


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

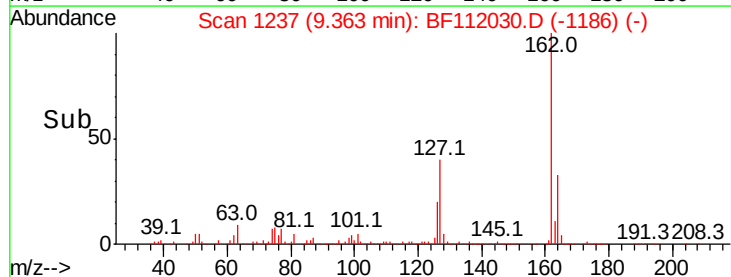
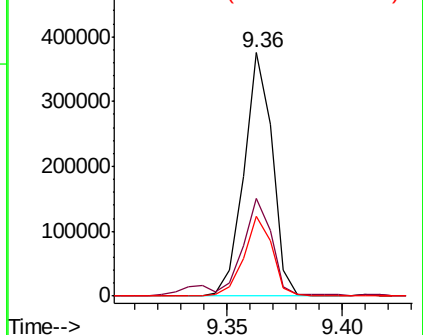


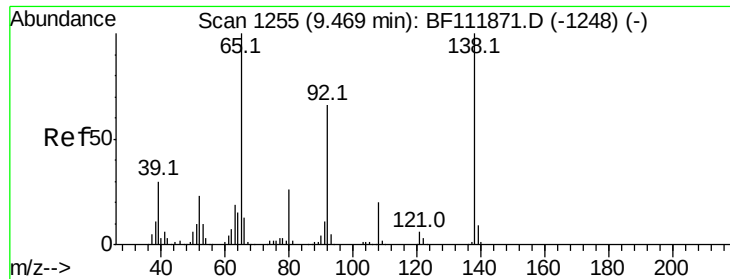
#47
2-Chloronaphthalene
Concen: 44.464 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.2	46.8
164	32.8	27.0	40.6



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





#48

2-Nitroaniline

Concen: 49.606 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

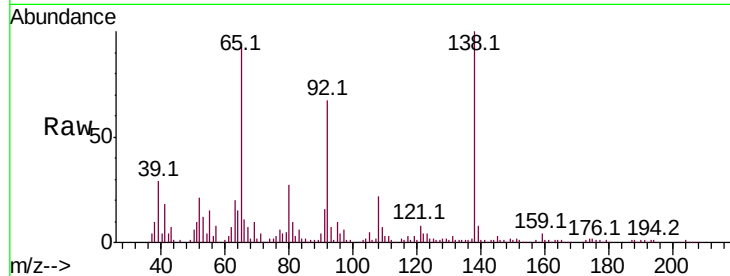
Tot Ion: 65 Resp: 110449

Ion Ratio Lower Upper

65 100

92 71.5 52.5 78.7

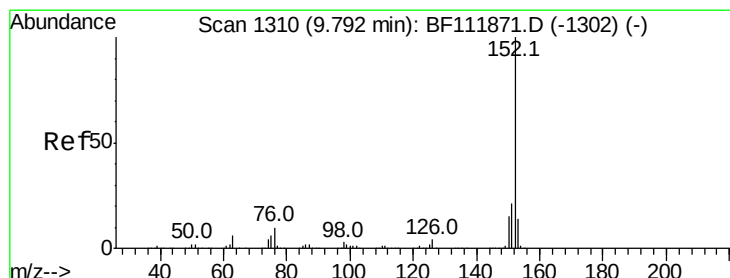
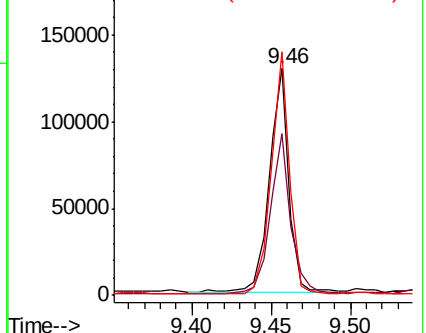
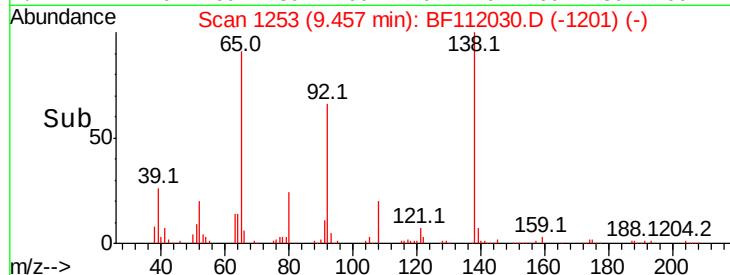
138 107.3 79.8 119.6



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): BF1



#49

Acenaphthylene

Concen: 46.311 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

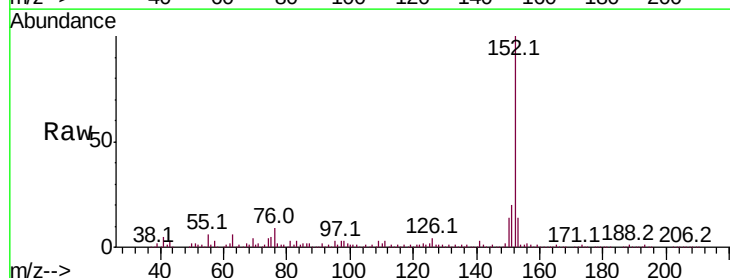
Tgt Ion: 152 Resp: 498610

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0

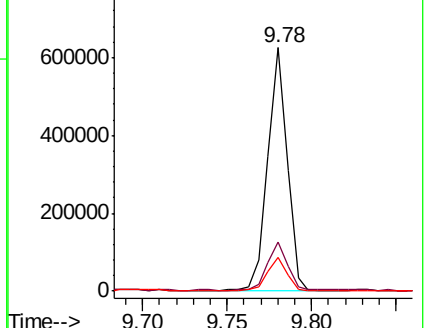
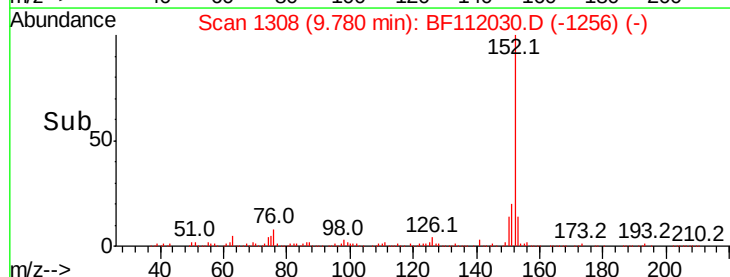
153 13.8 11.0 16.4

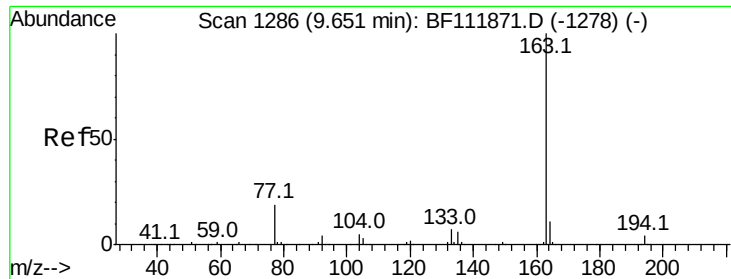


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 53.123 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

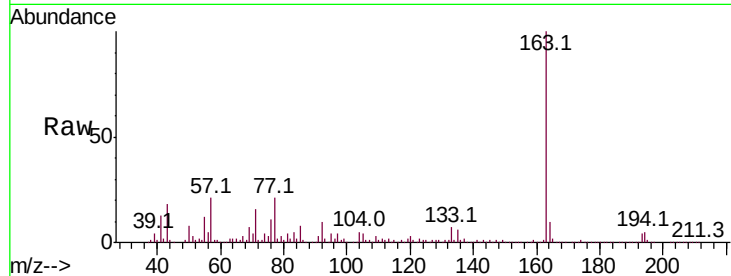
Tot Ion:163 Resp: 442680

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

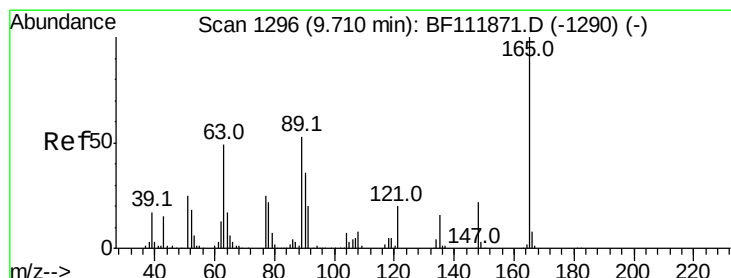
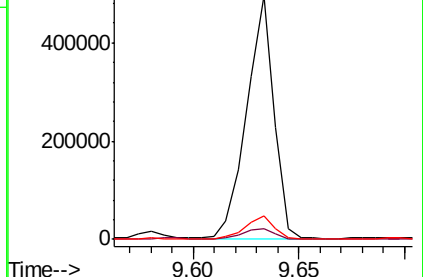
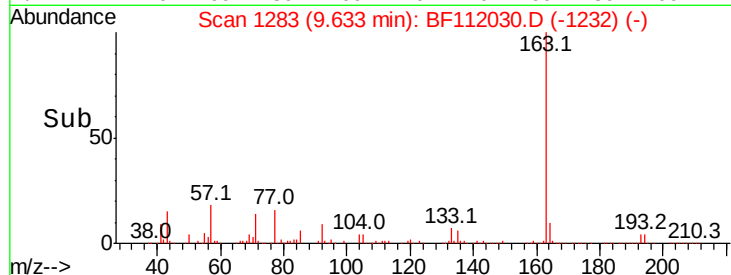
164 9.8 8.5 12.7



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: 40.392 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

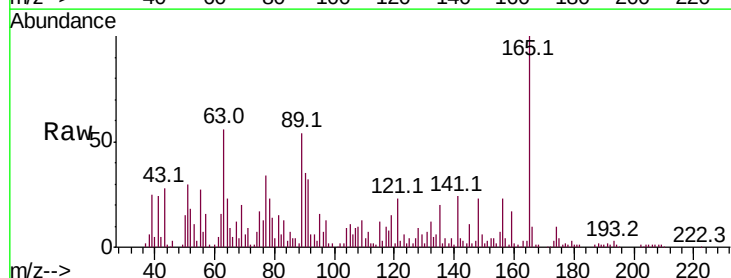
Tgt Ion:165 Resp: 75269

Ion Ratio Lower Upper

165 100

63 55.6 46.2 69.2

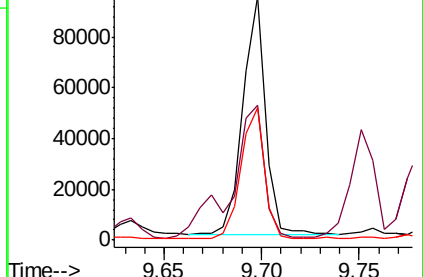
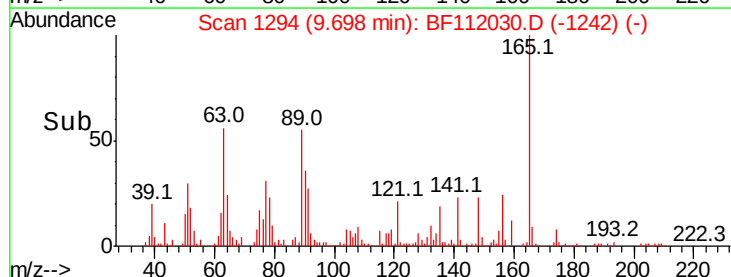
89 54.3 42.2 63.2

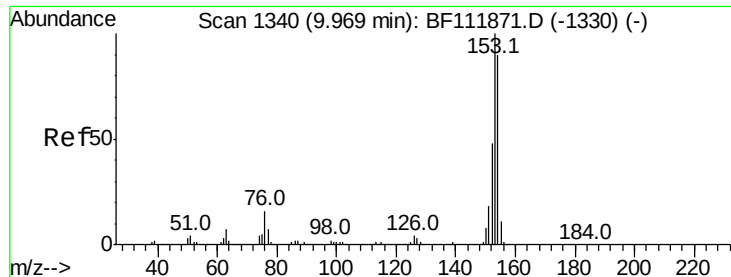


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 58.365 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

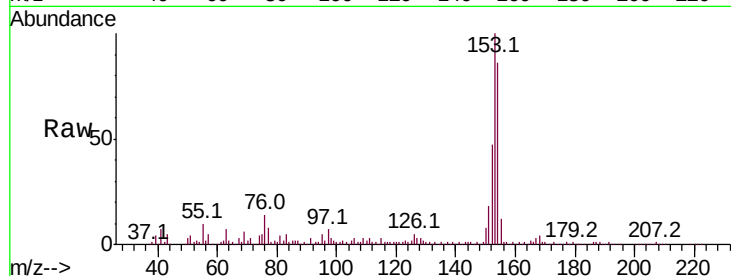
Tot Ion:154 Resp: 405112

Ion Ratio Lower Upper

154 100

153 116.5 89.4 134.0

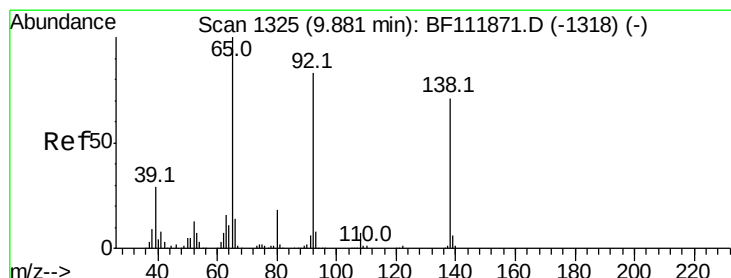
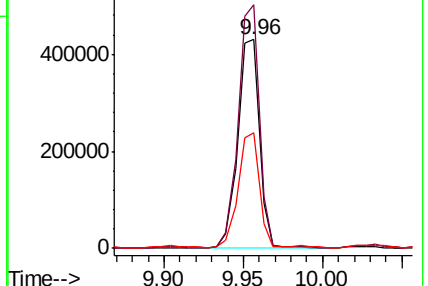
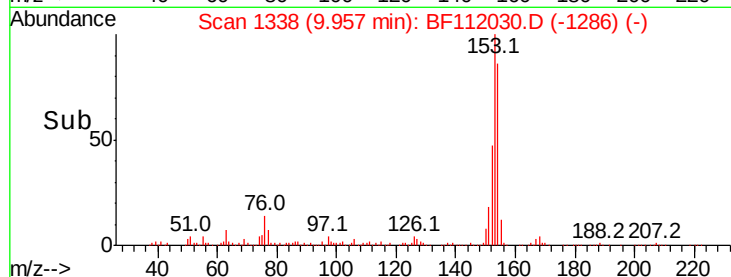
152 55.2 43.1 64.7



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: 31.155 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

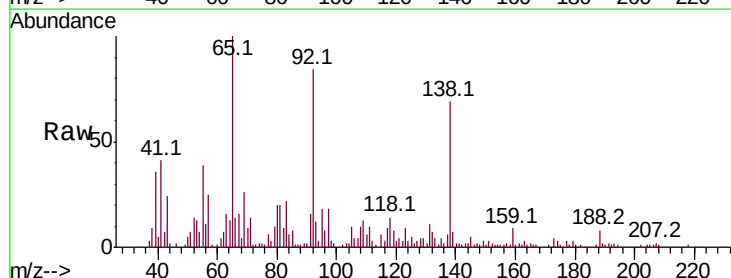
Tgt Ion:138 Resp: 62172

Ion Ratio Lower Upper

138 100

108 14.7 8.2 12.4#

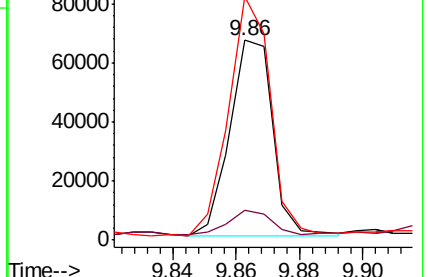
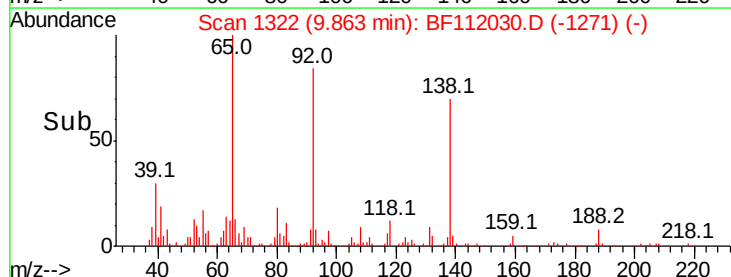
92 122.0 93.5 140.3

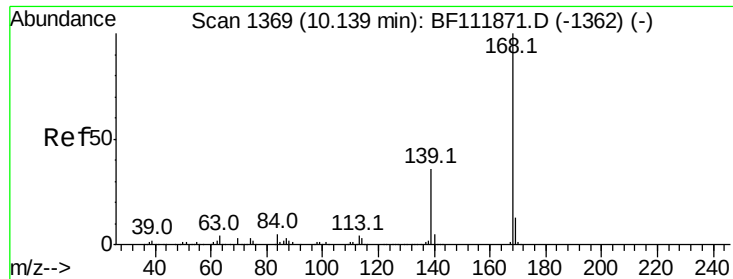


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

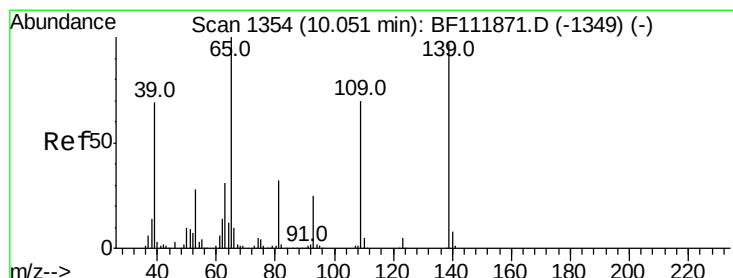
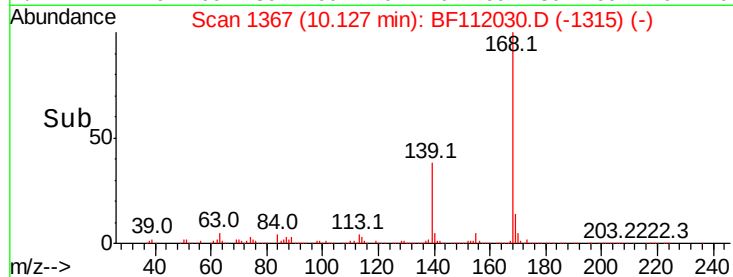
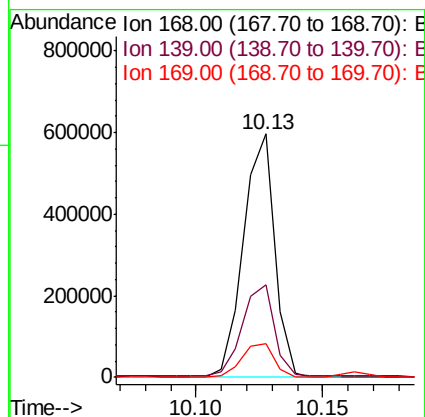
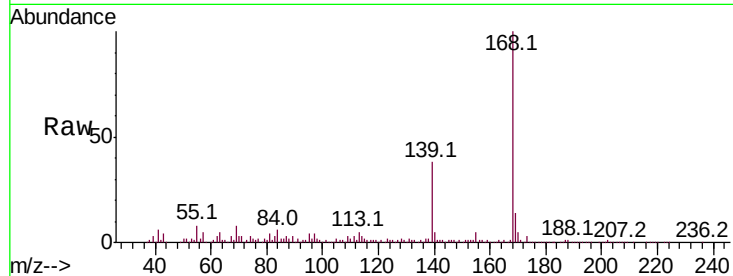




#55
Dibenzofuran
Concen: 50.465 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

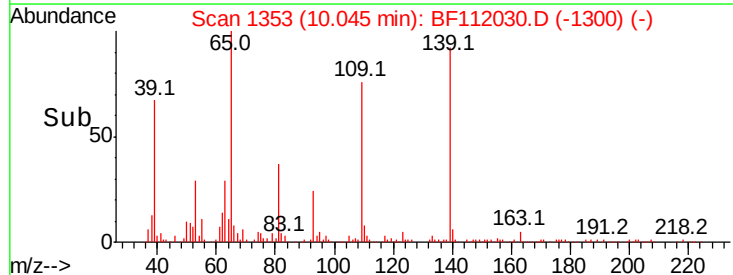
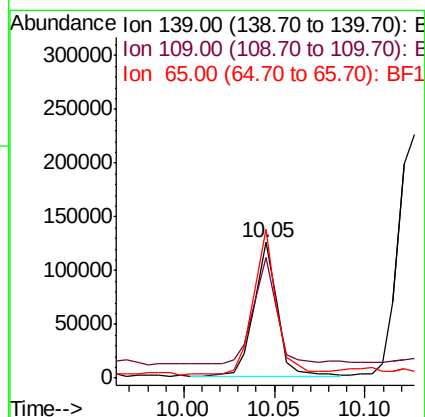
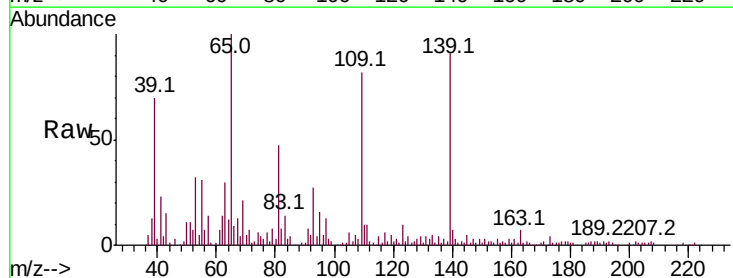
Instrument :
BNA_F
ClientSampleId :

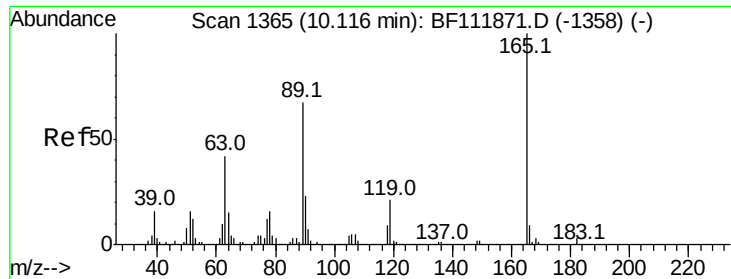
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.3	43.9
169	13.9	10.6	16.0



#56
4-Nitrophenol
Concen: 80.613 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.6	52.2	92.2
65	109.6	83.1	123.1





#57

2,4-Dinitrotoluene

Concen: 43.048 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 103654

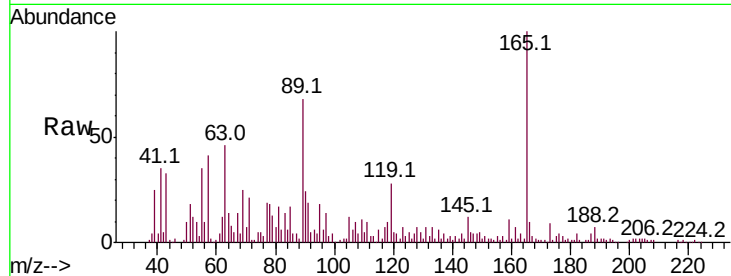
Ion Ratio Lower Upper

165 100

63 45.6 34.1 51.1

89 68.1 53.5 80.3

182 3.8 2.0 3.0#

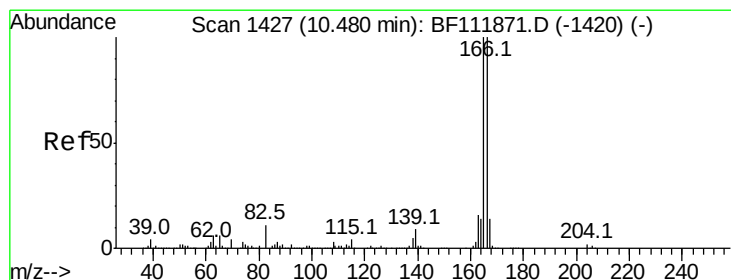
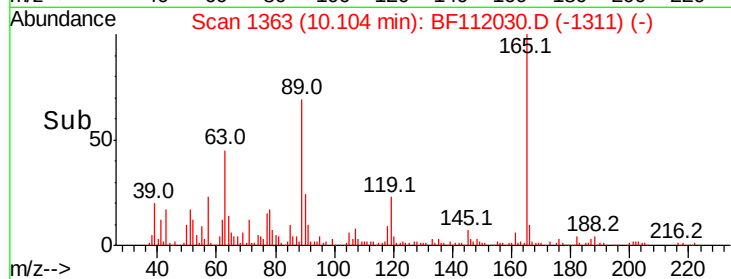
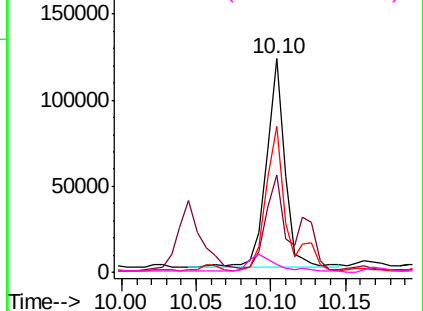


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 60.606 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

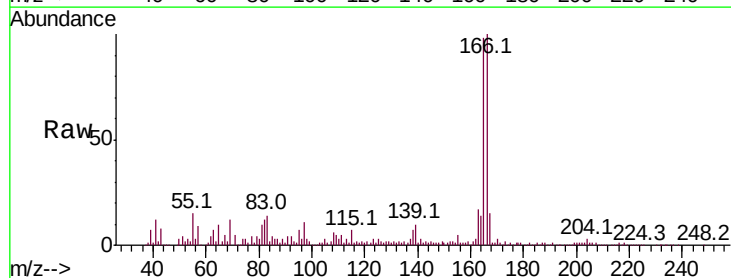
Tgt Ion:166 Resp: 445158

Ion Ratio Lower Upper

166 100

165 98.2 79.7 119.5

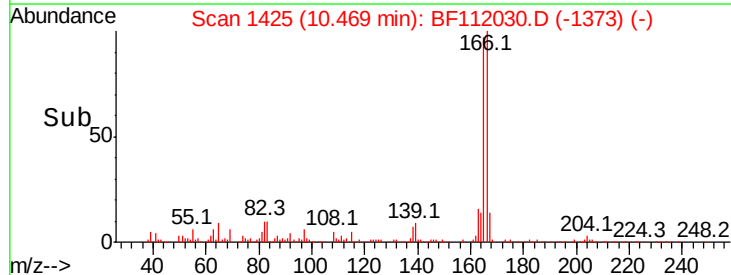
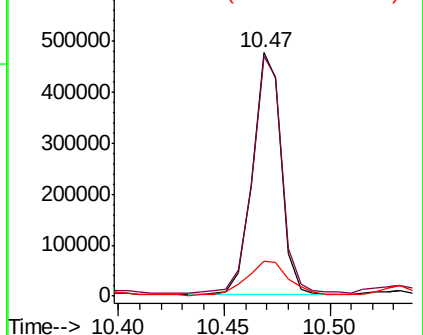
167 14.6 11.1 16.7

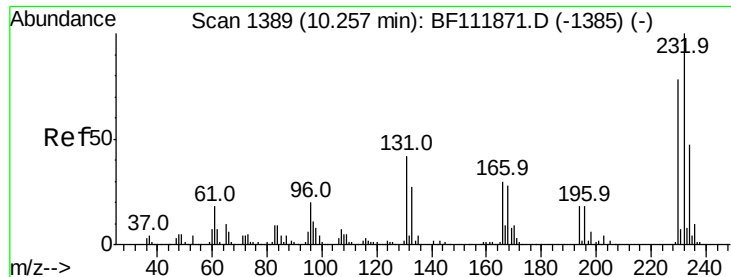


Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.296 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 83208

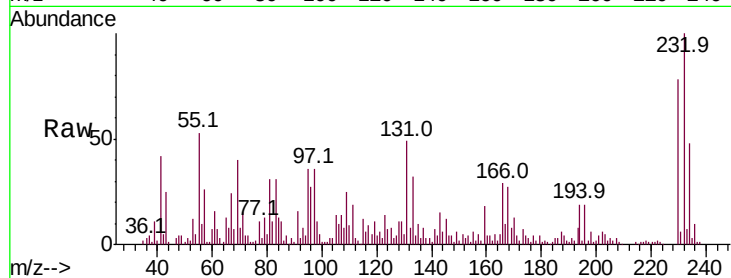
Ion Ratio Lower Upper

232 100

131 54.1 34.0 51.0#

130 8.4 1.6 2.4#

166 31.6 23.4 35.0

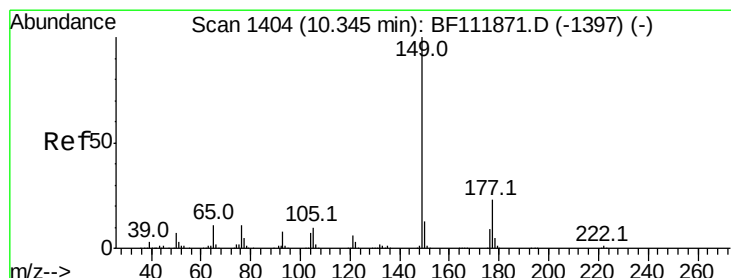
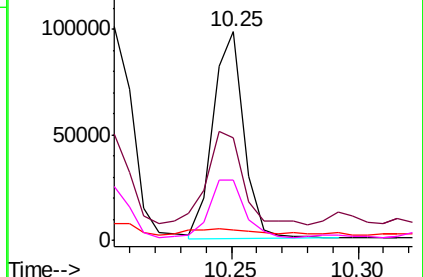
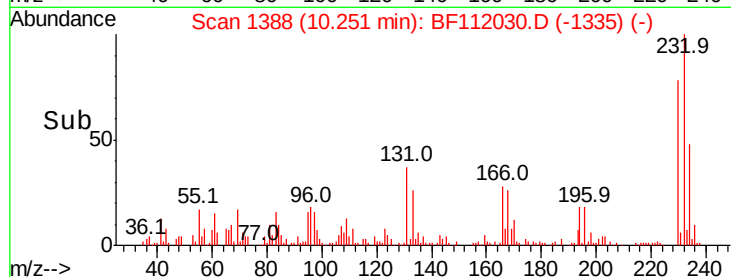


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.028 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

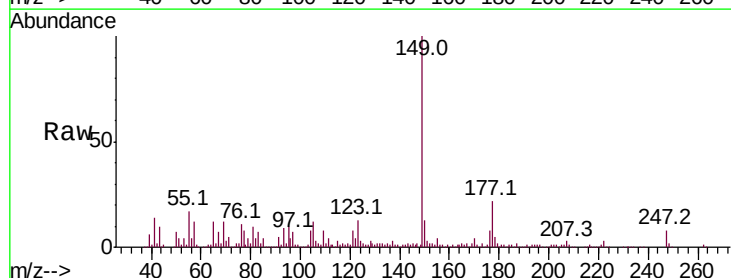
Tgt Ion:149 Resp: 379249

Ion Ratio Lower Upper

149 100

177 22.0 18.3 27.5

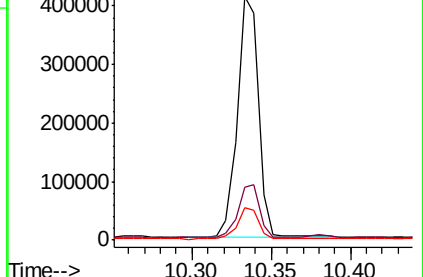
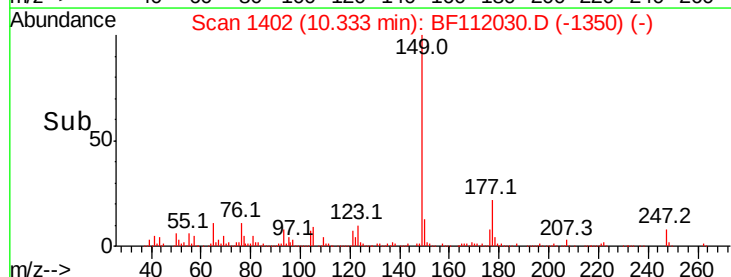
150 13.2 10.2 15.4

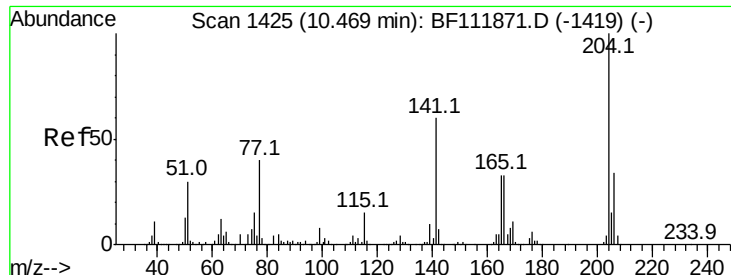


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

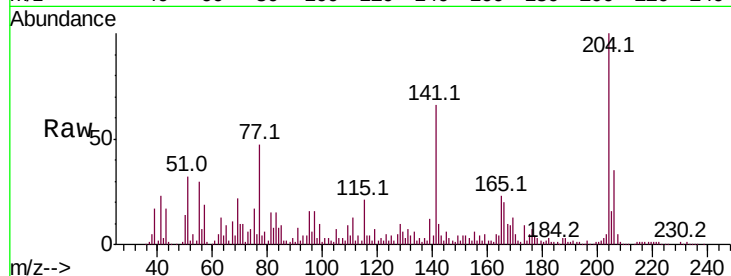




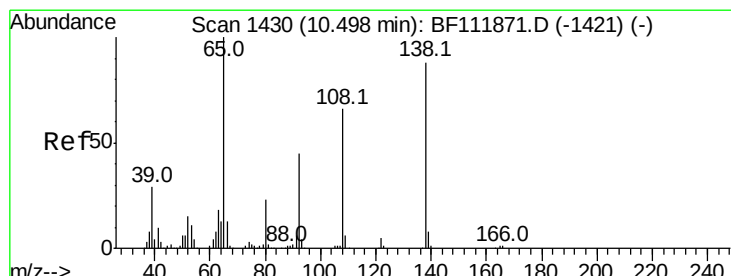
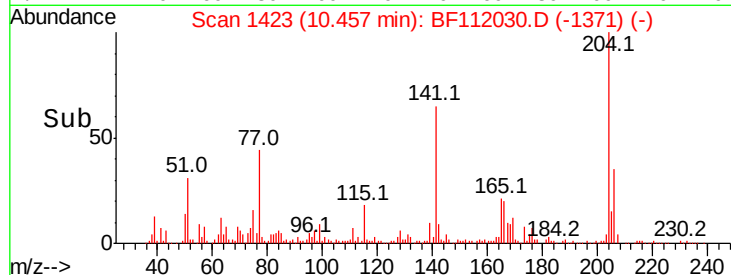
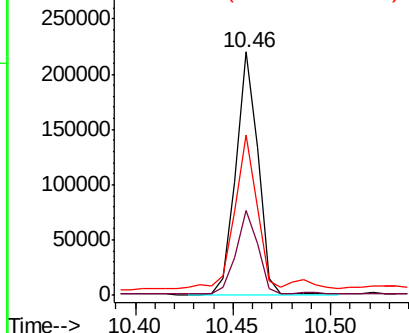
#61
4-Chlorophenyl-phenylether
Concen: 41.608 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 171380
Ion Ratio Lower Upper
204 100
206 34.9 26.9 40.3
141 66.0 47.9 71.9

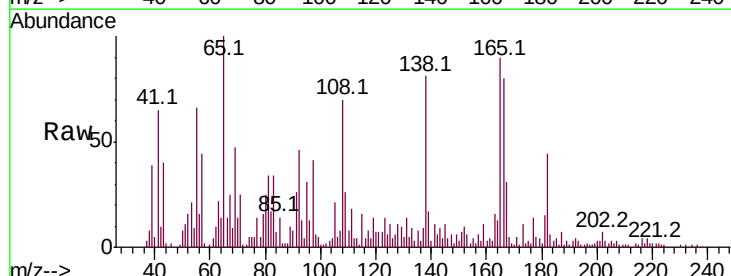


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

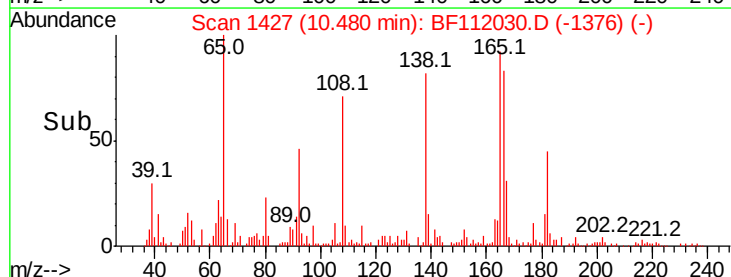
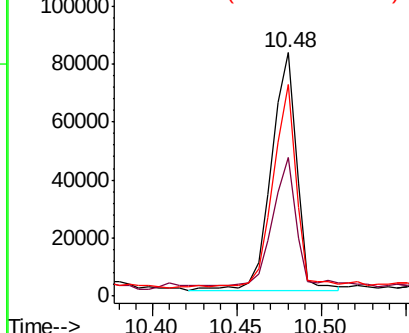


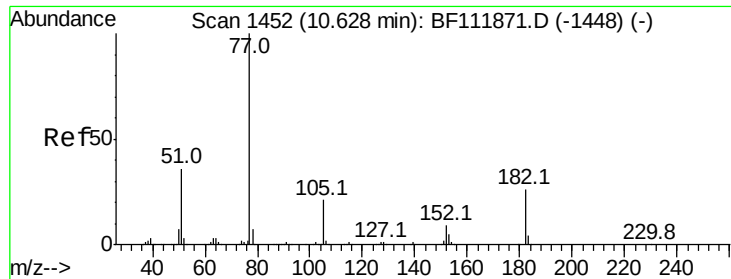
#62
4-Nitroaniline
Concen: 44.925 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:138 Resp: 85034
Ion Ratio Lower Upper
138 100
92 57.0 31.0 71.0
108 86.9 54.7 94.7



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: 42.818 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 329860

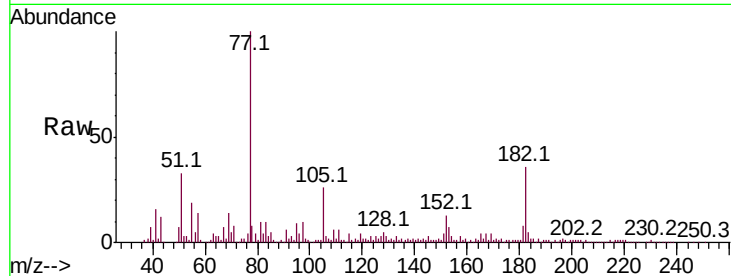
Ion Ratio Lower Upper

77 100

182 35.9 5.7 45.7

105 25.6 0.8 40.8

51 32.7 15.6 55.6

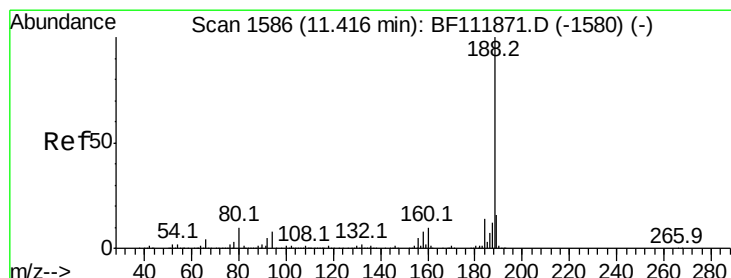
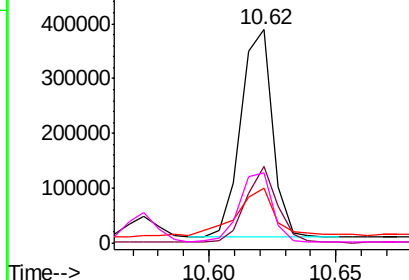
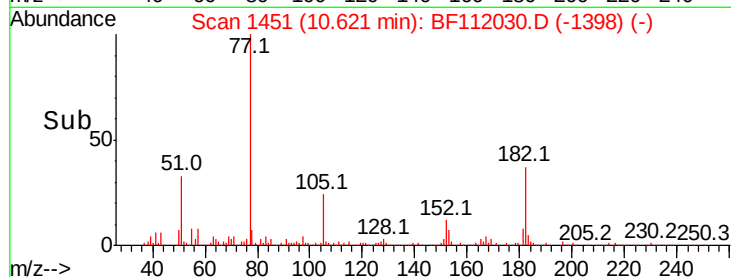


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

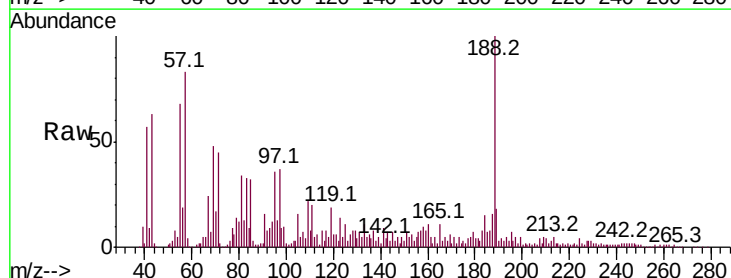
Tgt Ion: 188 Resp: 192339

Ion Ratio Lower Upper

188 100

94 11.5 6.6 10.0#

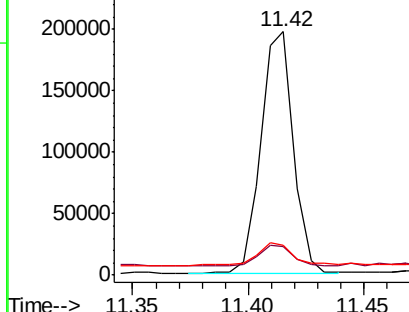
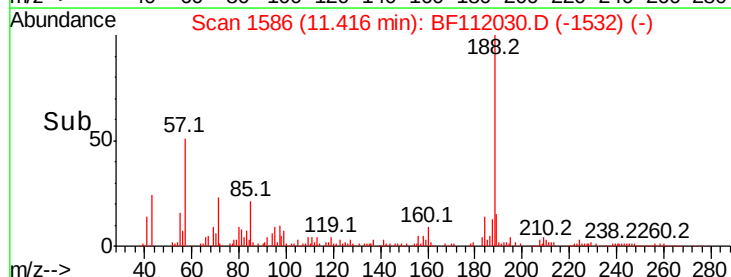
80 12.5 7.7 11.5#

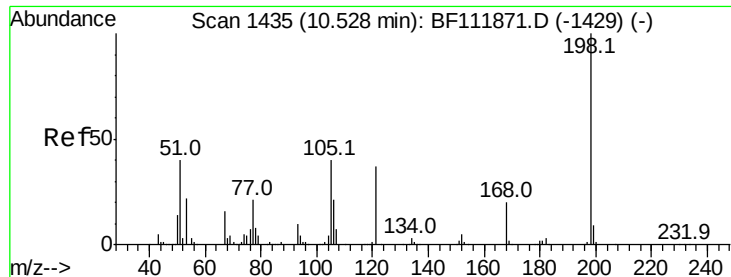


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

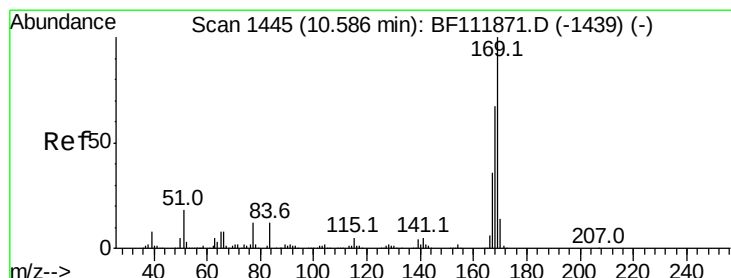
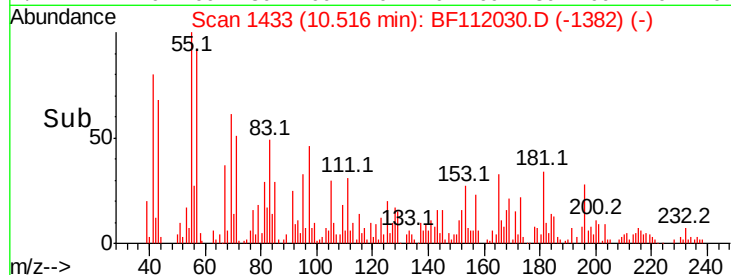
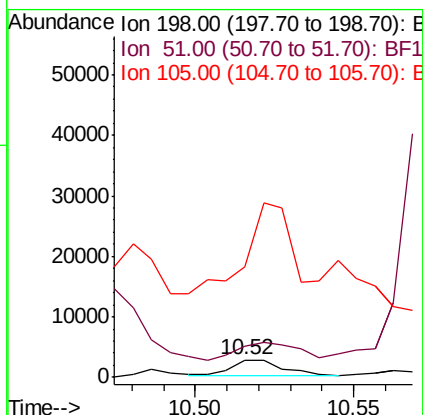
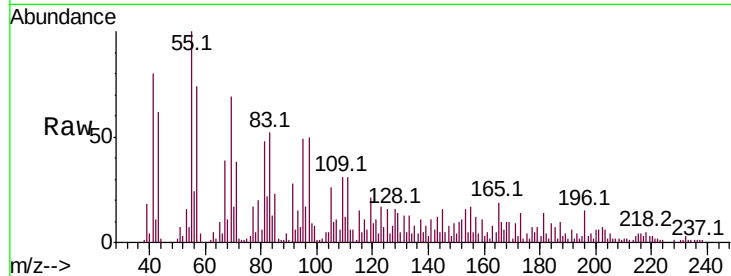




#65
4,6-Dinitro-2-methylphenol
Concen: 2.412 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

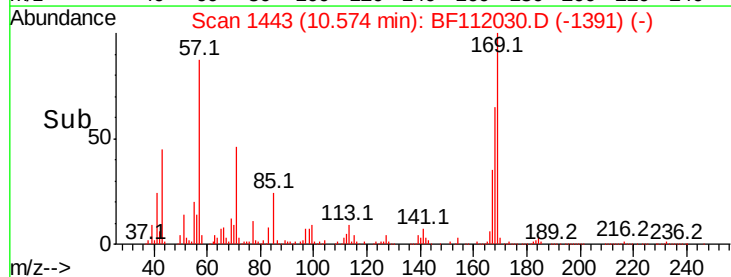
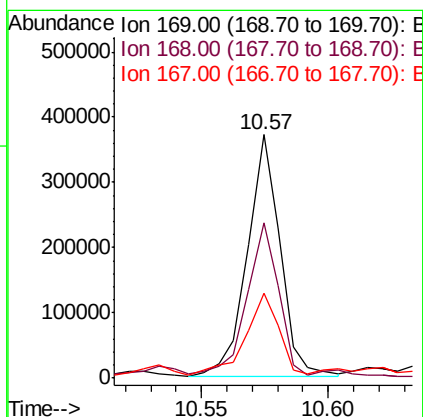
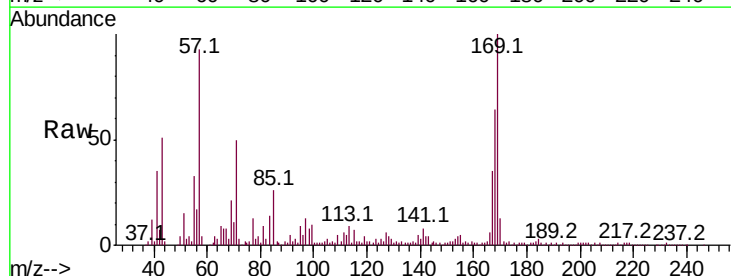
Instrument :
BNA_F
ClientSampled :

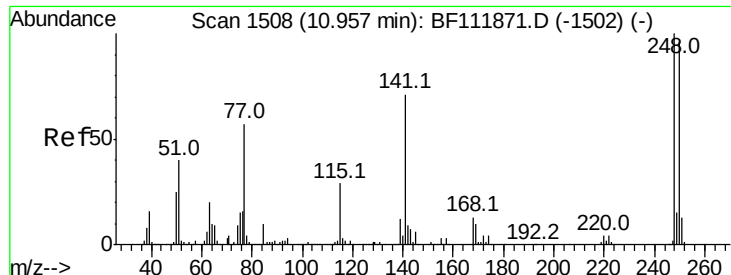
Tot Ion:198 Resp: 2862
Ion Ratio Lower Upper
198 100
51 175.9 27.2 67.2#
105 636.5 21.0 61.0#



#66
n-Nitrosodiphenylamine
Concen: 51.664 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:169 Resp: 333461
Ion Ratio Lower Upper
169 100
168 63.8 53.8 80.6
167 35.1 29.1 43.7

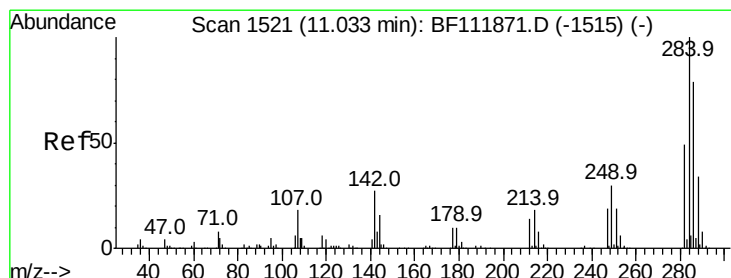
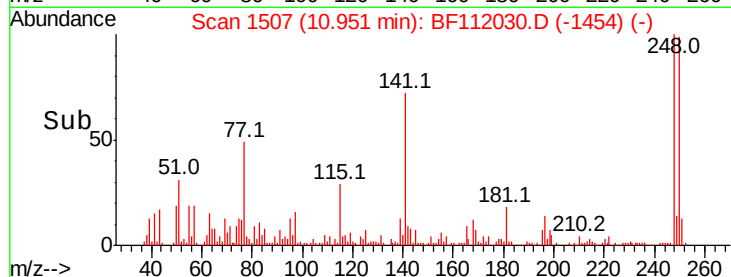
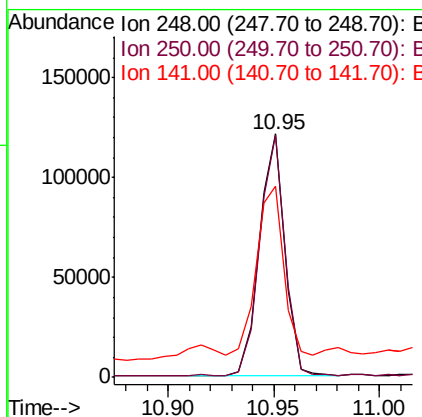
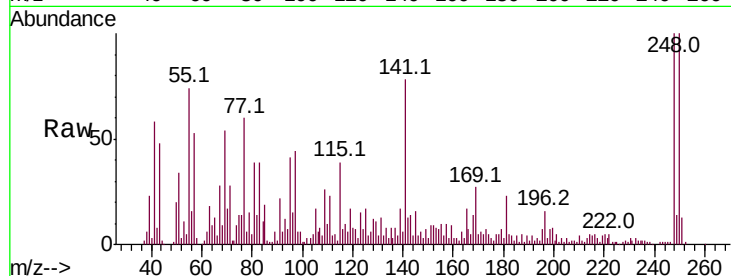




#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

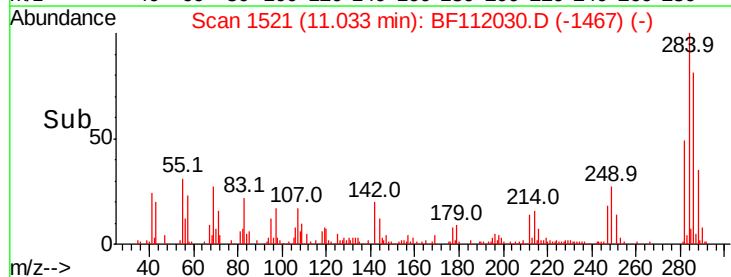
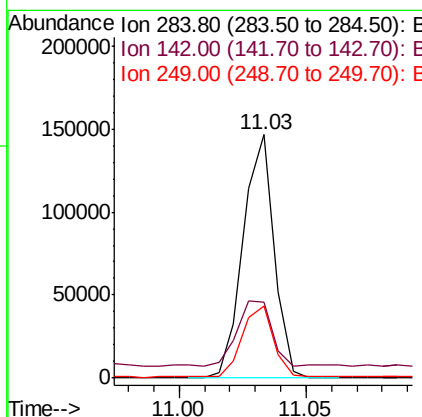
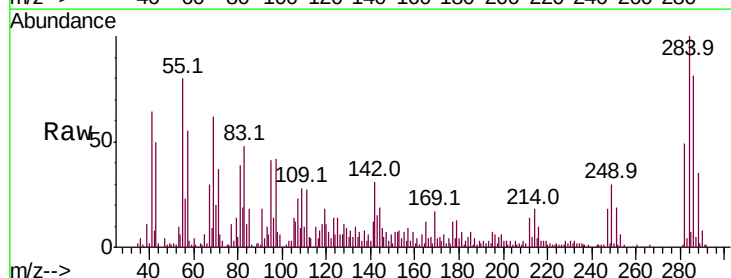
Instrument :
BNA_F
ClientSampleId :

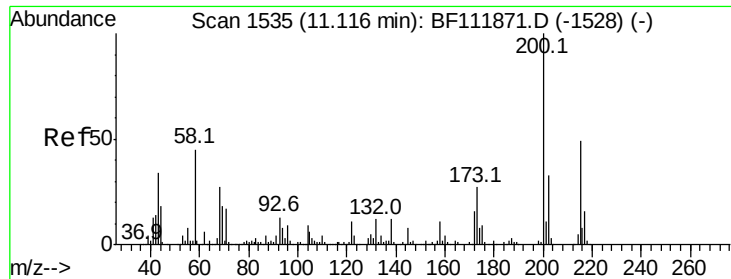
Tot Ion:248 Resp: 102090
Ion Ratio Lower Upper
248 100
250 99.7 76.8 115.2
141 78.4 57.0 85.6



#68
Hexachlorobenzene
Concen: 45.191 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:284 Resp: 124770
Ion Ratio Lower Upper
284 100
142 30.9 21.8 32.6
249 29.6 23.8 35.6





#69

Atrazine

Concen: 48.113 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

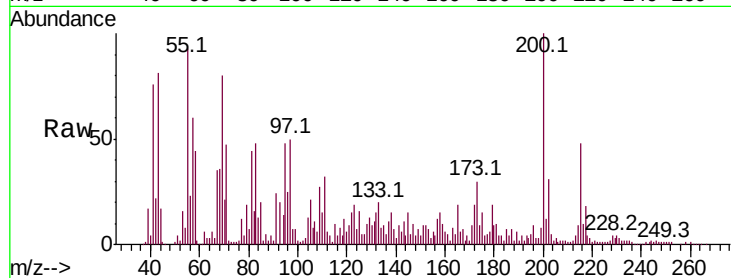
Tot Ion:200 Resp: 109107

Ion Ratio Lower Upper

200 100

173 29.7 6.6 46.6

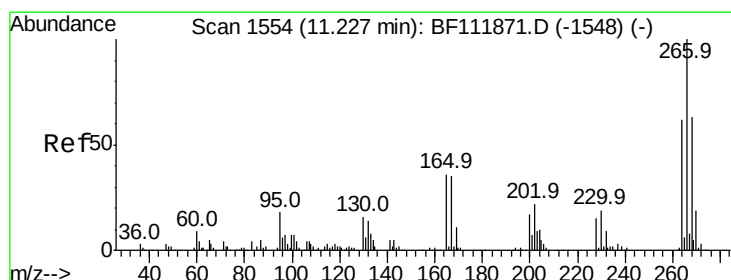
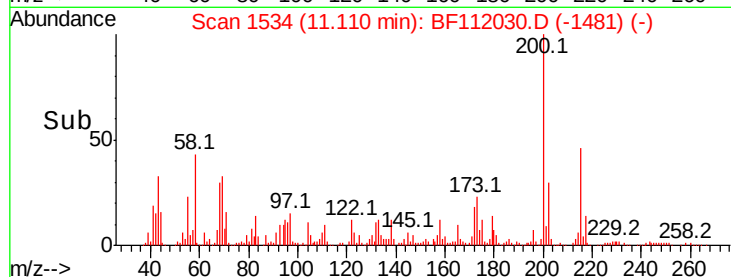
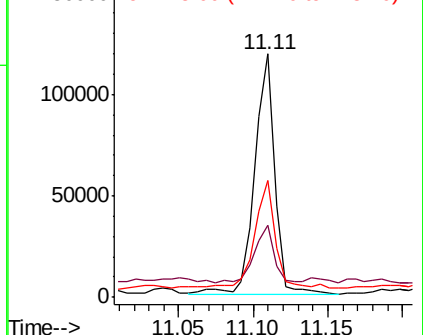
215 47.8 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 59.475 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

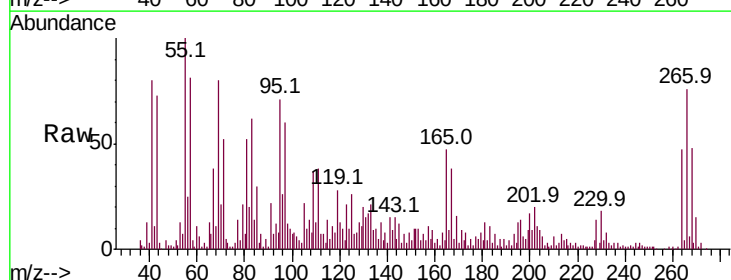
Tgt Ion:266 Resp: 93442

Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

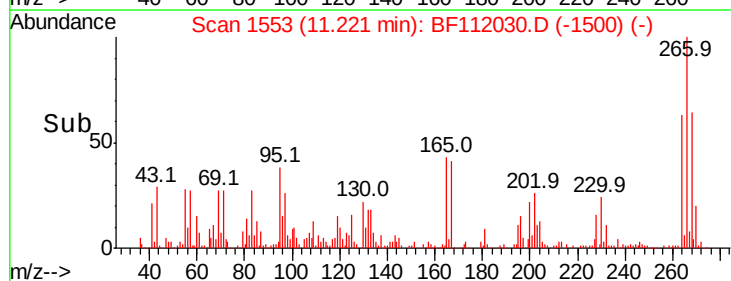
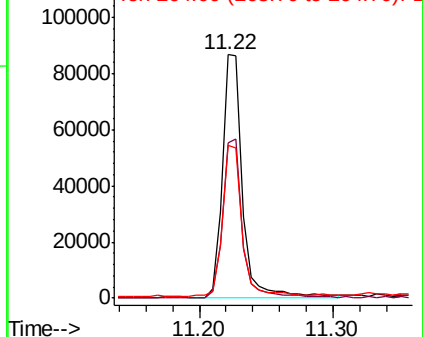
264 62.6 49.3 73.9

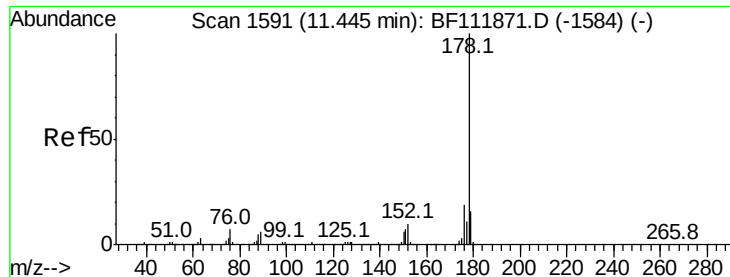


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 69.628 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

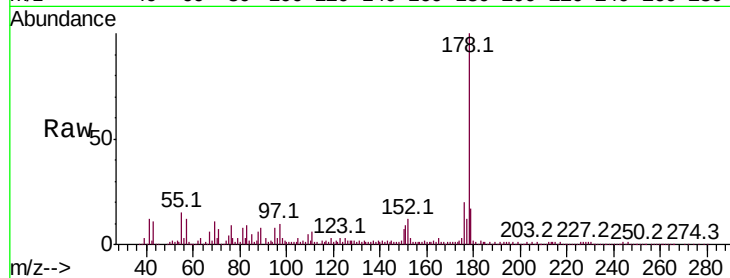
Tot Ion:178 Resp: 716011

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

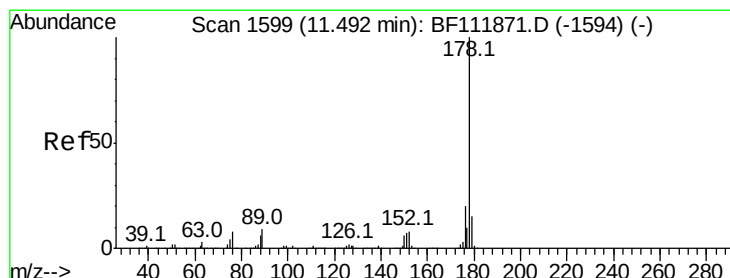
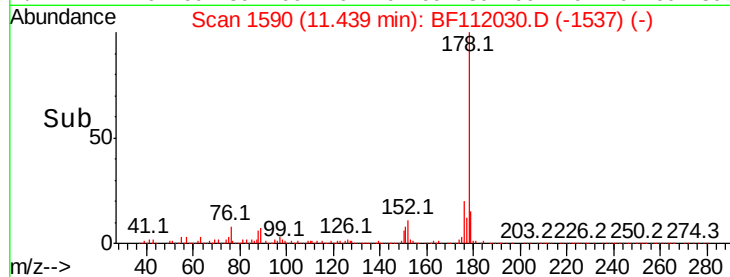
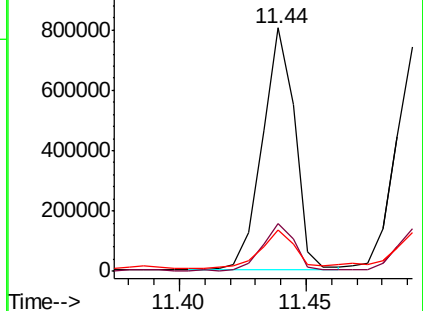
179 16.8 12.6 18.8



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



#72

Anthracene

Concen: 58.476 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

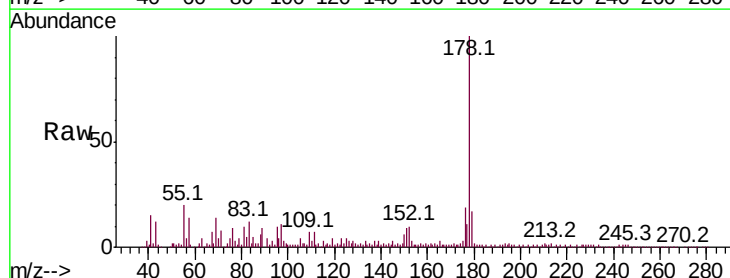
Tgt Ion:178 Resp: 610435

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

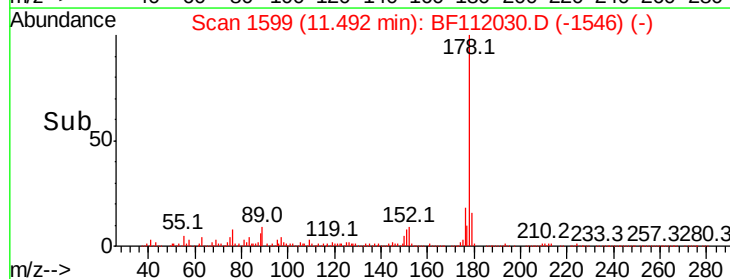
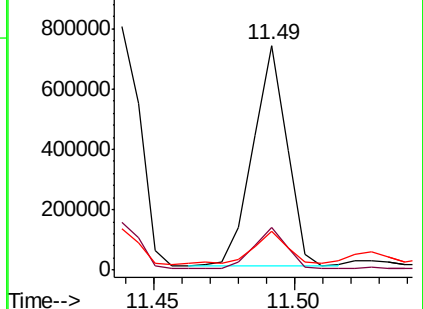
179 17.1 12.4 18.6

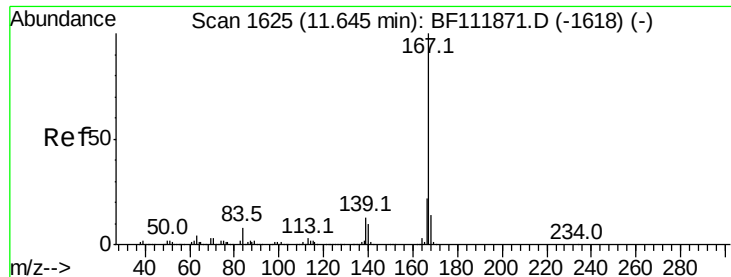


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

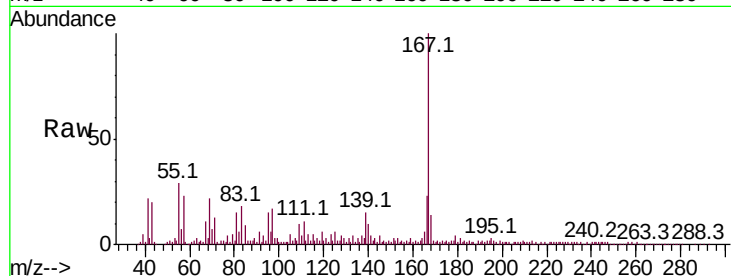




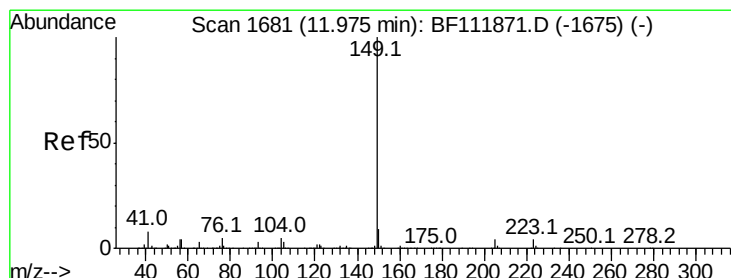
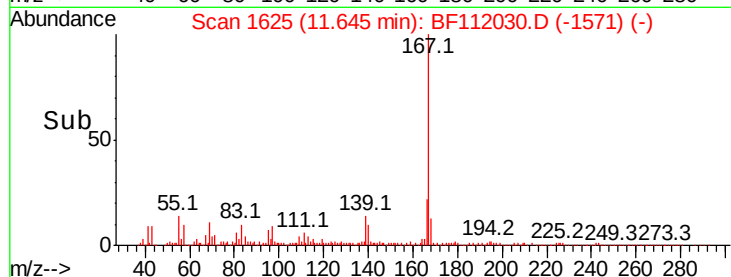
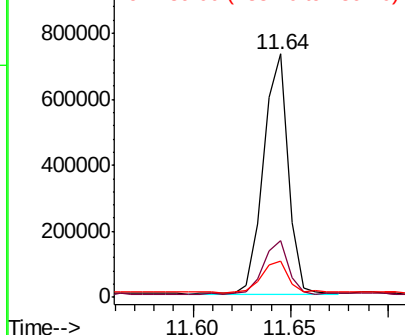
#73
 Carbazole
 Concen: 62.844 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.02 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	15.0	10.6	16.0

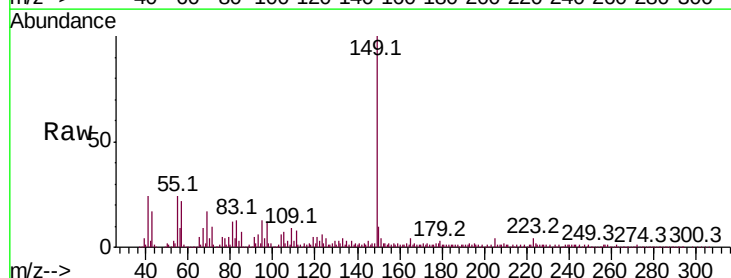


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

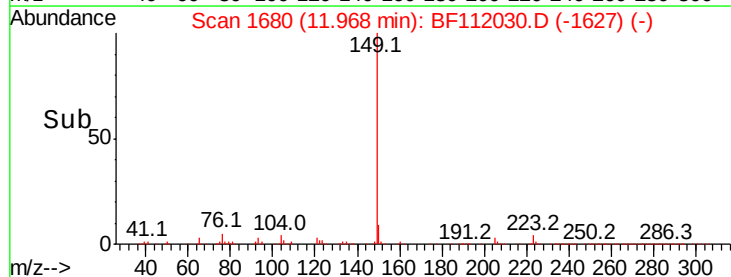
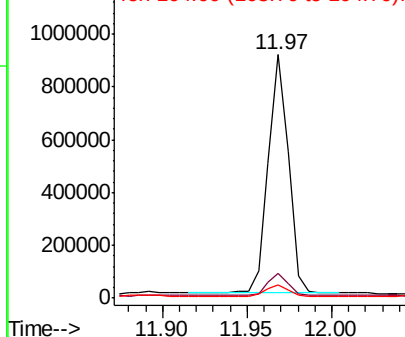


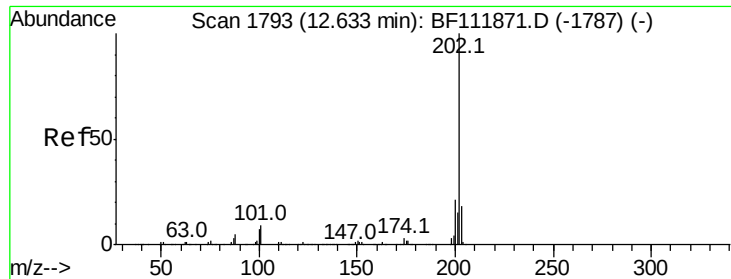
#74
 Di-n-butylphthalate
 Concen: 63.140 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.5	11.3
104	5.6	3.9	5.9



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





#75

Fluoranthene

Concen: 82.247 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

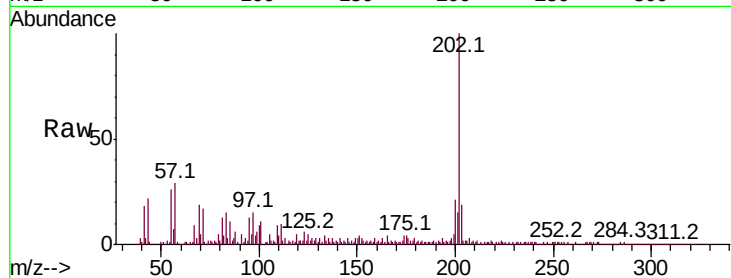
Tot Ion:202 Resp: 868272

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.3

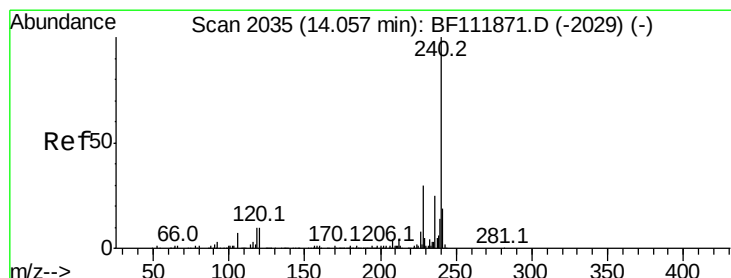
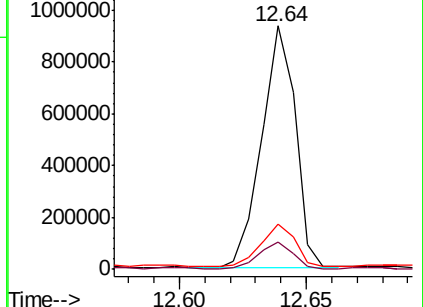
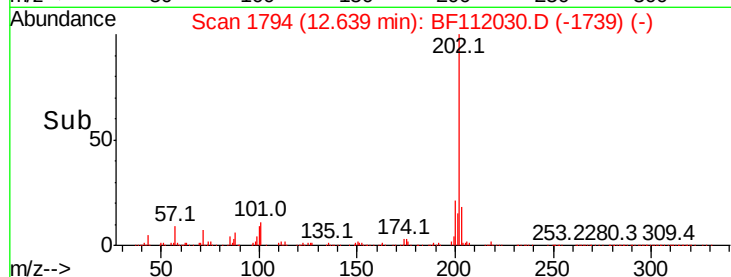
203 18.6 0.0 37.6



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: 14.07 min Scan# 2038

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

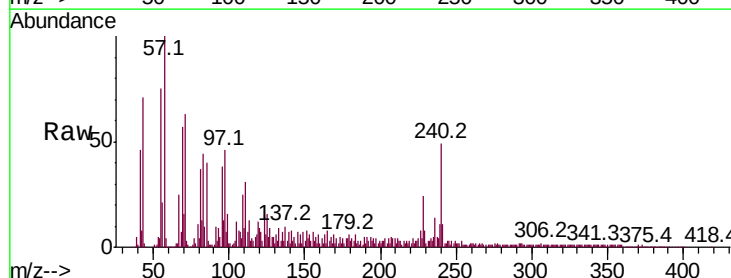
Tgt Ion:240 Resp: 165468

Ion Ratio Lower Upper

240 100

120 18.5 8.2 12.2#

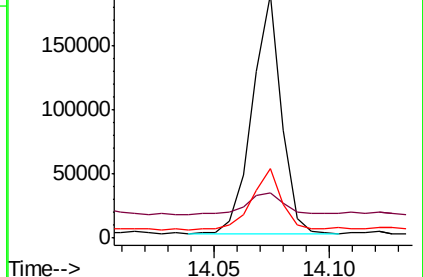
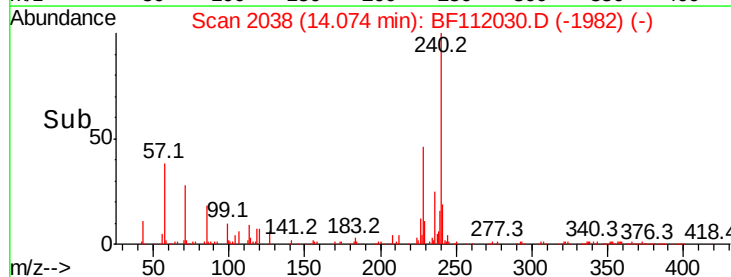
236 28.8 20.2 30.4

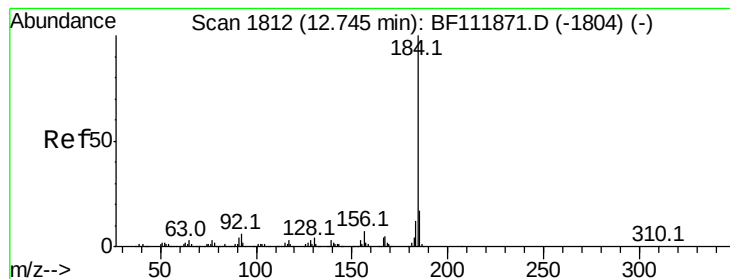


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.451 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

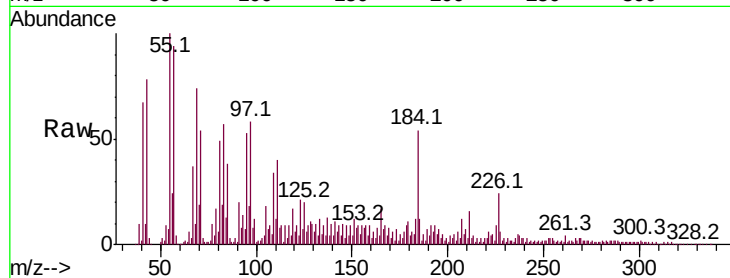
Tot Ion:184 Resp: 130781

Ion Ratio Lower Upper

184 100

185 21.4 13.4 20.0#

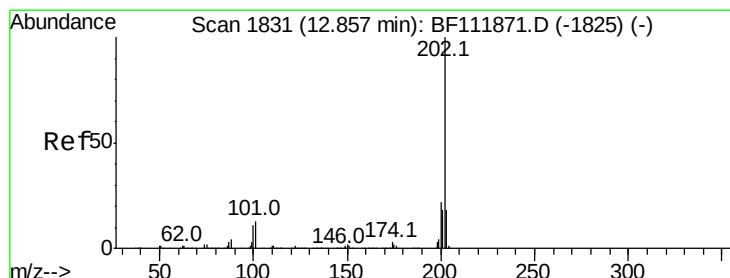
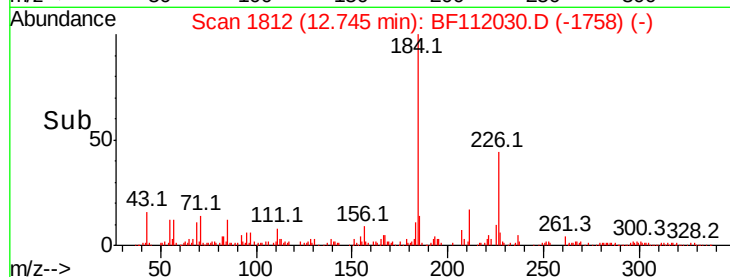
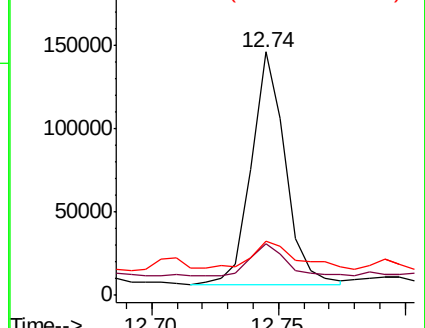
183 22.3 9.6 14.4#



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: 69.767 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

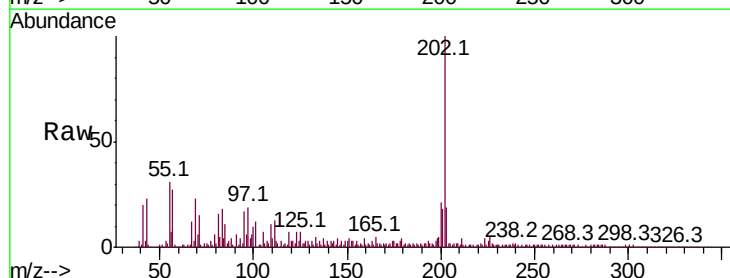
Tgt Ion:202 Resp: 794316

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

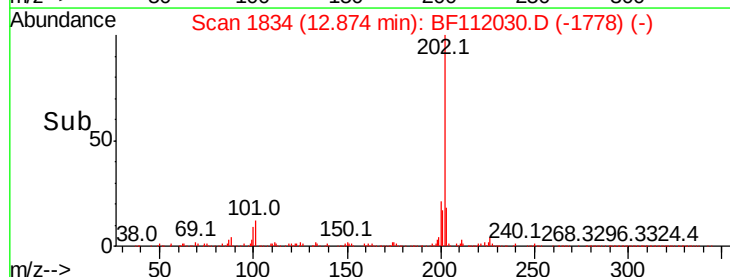
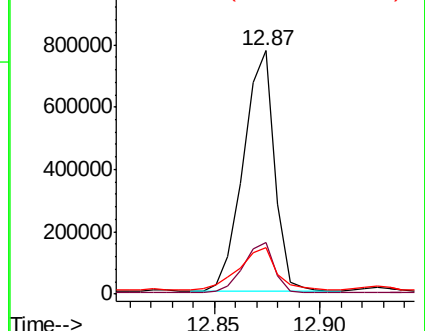
203 18.9 14.6 21.8

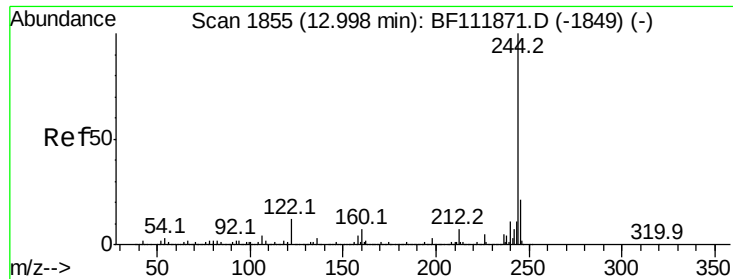


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.452 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

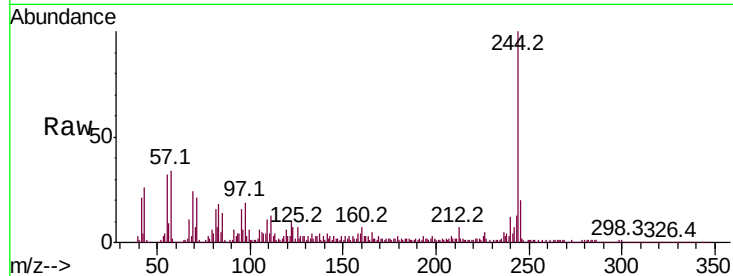
Tot Ion:244 Resp: 849490

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

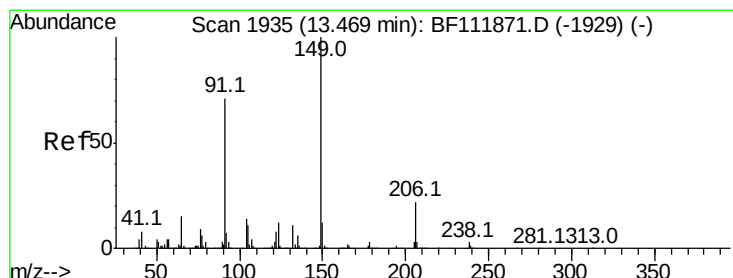
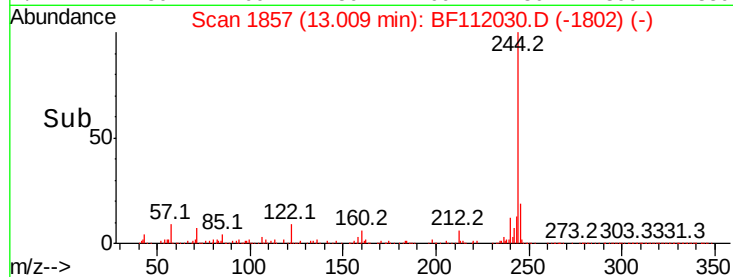
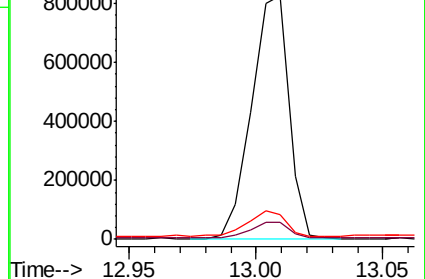
122 10.3 9.5 14.3



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: 55.851 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

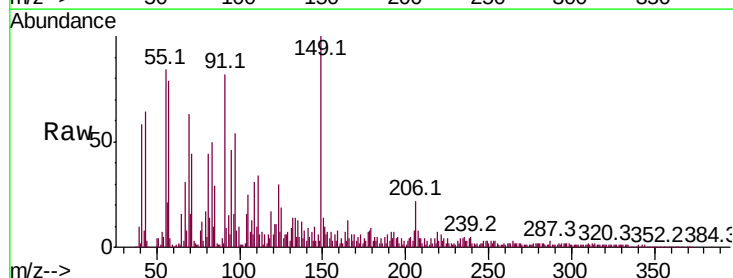
Tgt Ion:149 Resp: 268827

Ion Ratio Lower Upper

149 100

91 81.8 57.2 85.8

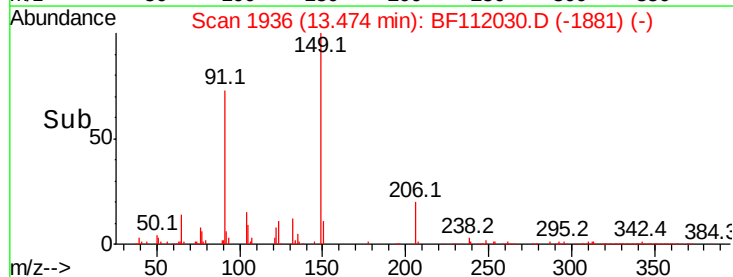
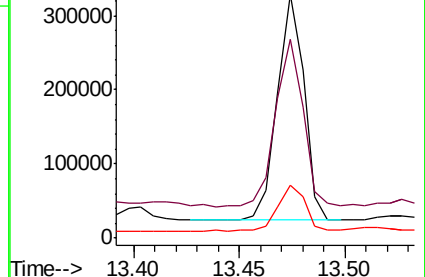
206 21.9 17.3 25.9

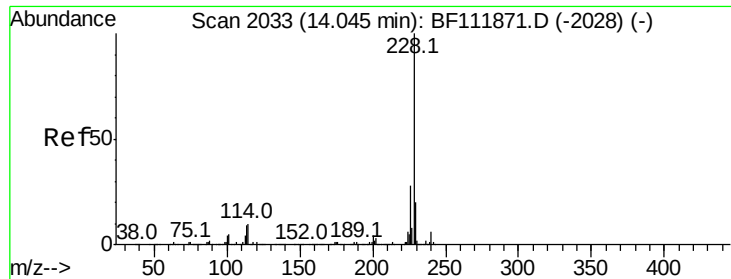


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.629 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

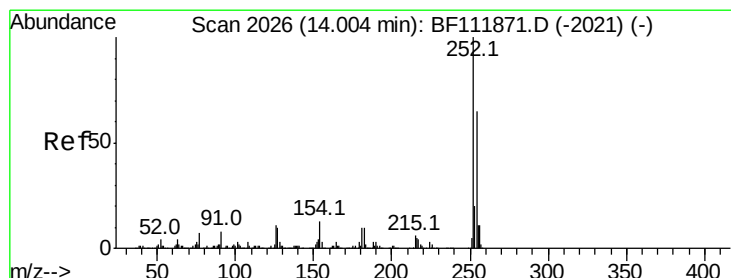
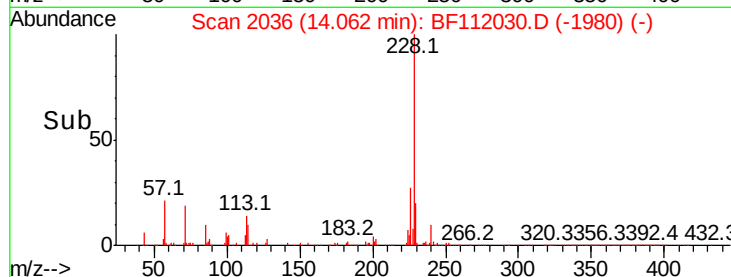
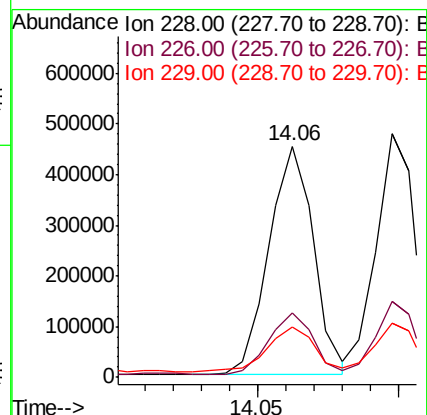
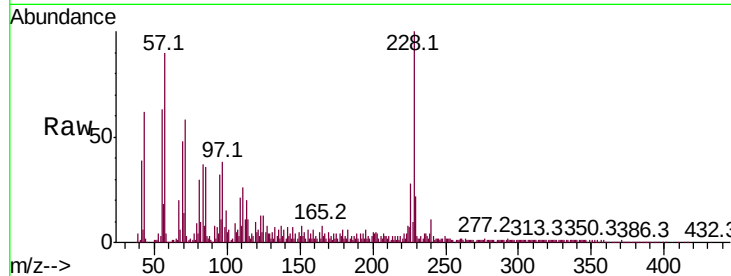
Tot Ion:228 Resp: 491663

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 22.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 12.038 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

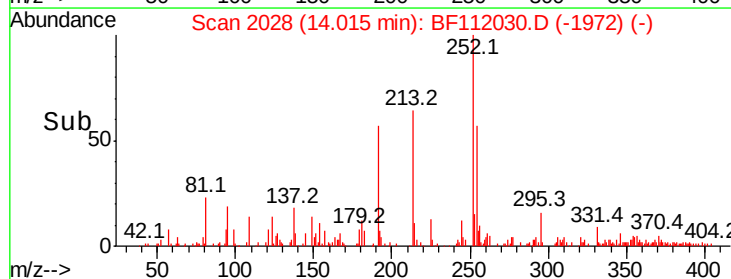
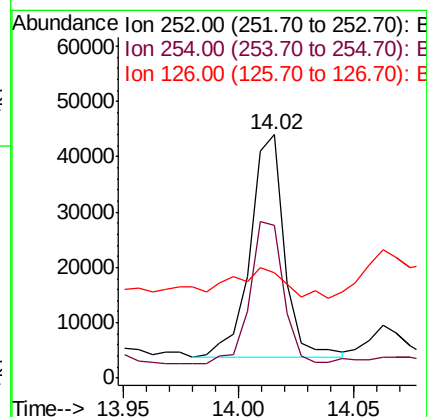
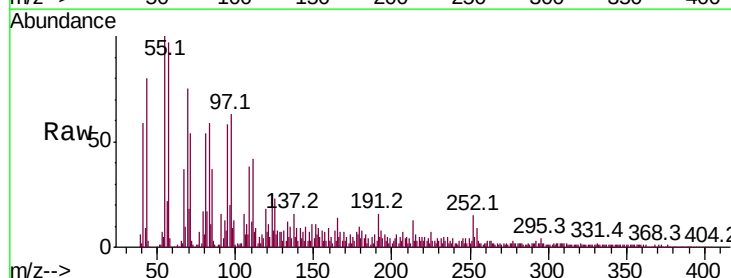
Tgt Ion:252 Resp: 42323

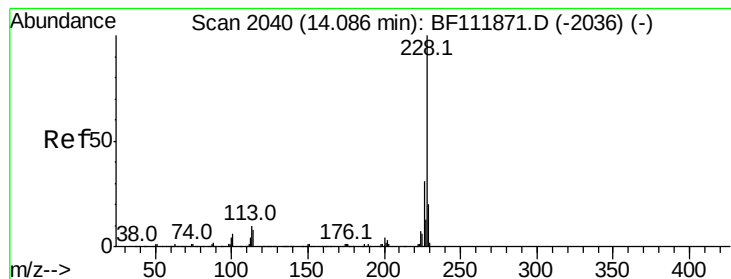
Ion Ratio Lower Upper

252 100

254 62.6 52.1 78.1

126 43.1 8.6 12.8#





#83

Chrysene

Concen: 49.560 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

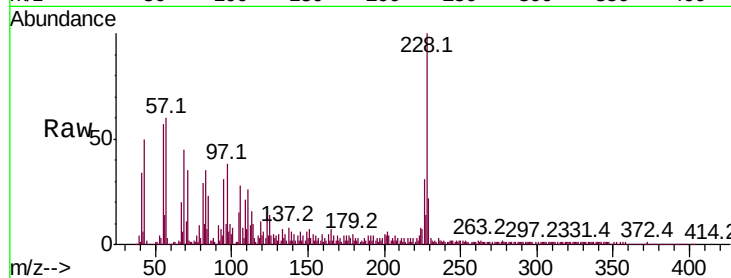
Tot Ion:228 Resp: 450001

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

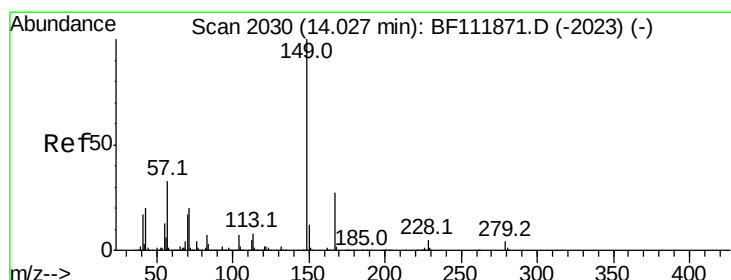
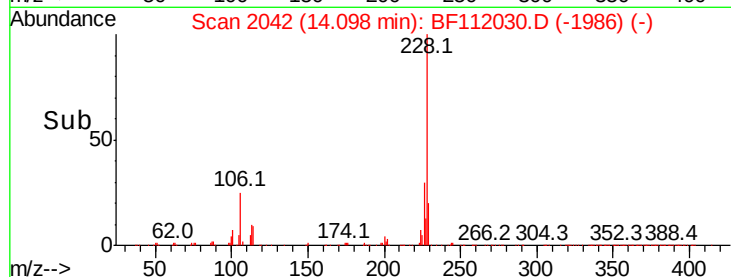
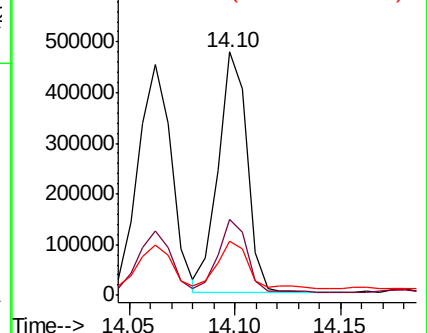
229 22.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 87.485 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

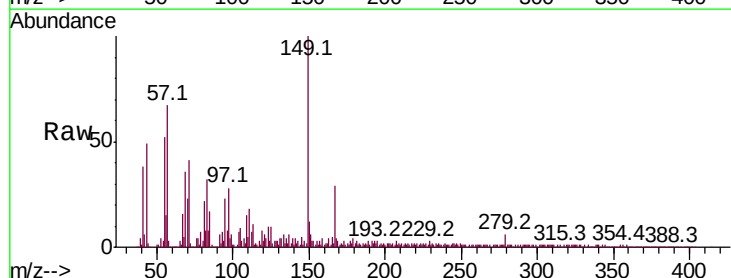
Tgt Ion:149 Resp: 553018

Ion Ratio Lower Upper

149 100

167 28.7 21.5 32.3

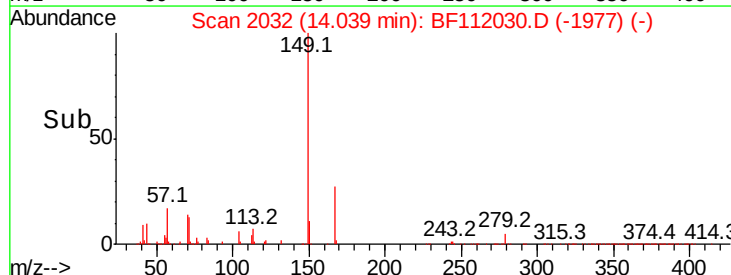
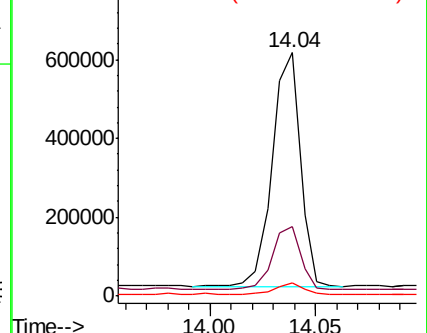
279 5.6 3.0 4.6#

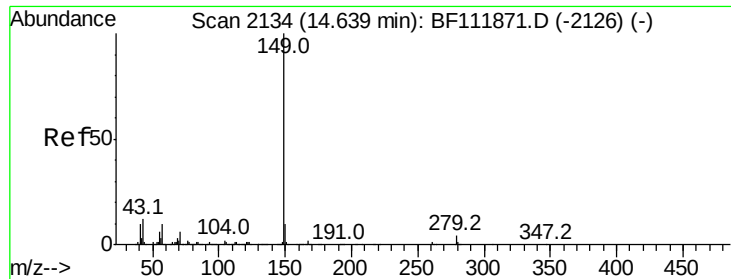


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.181 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

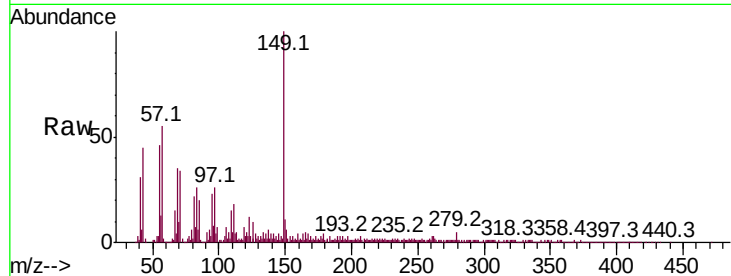
Tot Ion:149 Resp: 490132

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

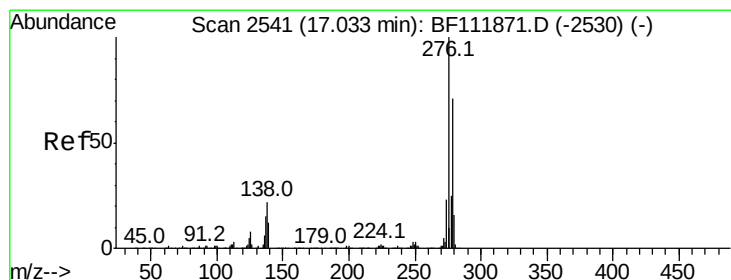
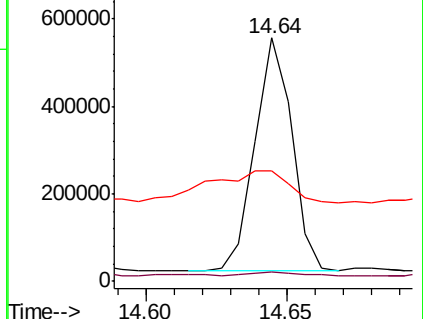
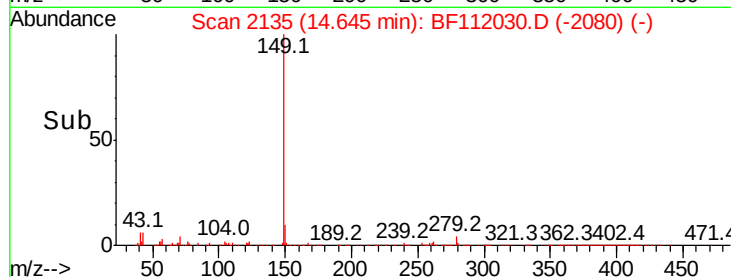
43 30.2 9.1 13.7#



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: 56.167 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.06 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

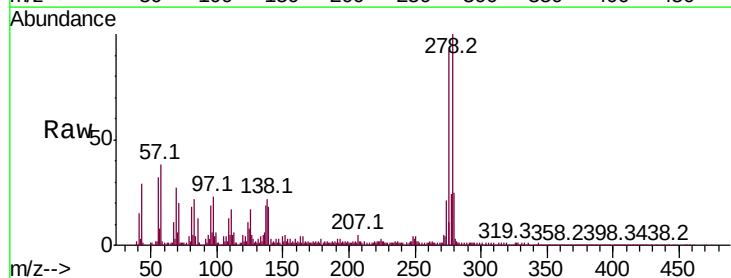
Tgt Ion:276 Resp: 371804

Ion Ratio Lower Upper

276 100

138 22.3 18.1 27.1

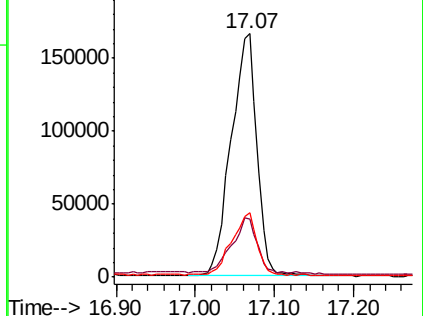
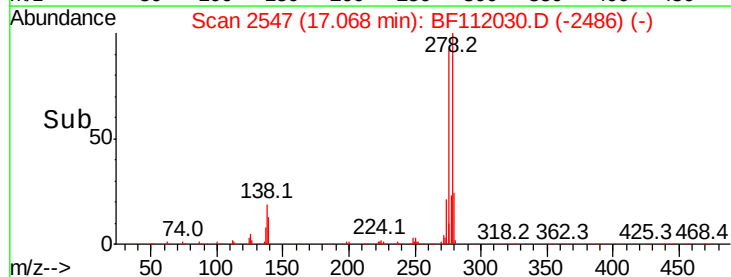
277 24.7 19.9 29.9

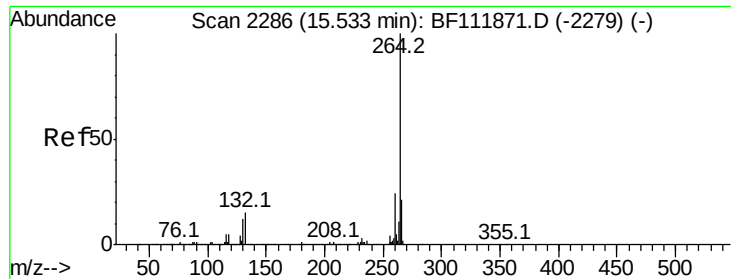


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

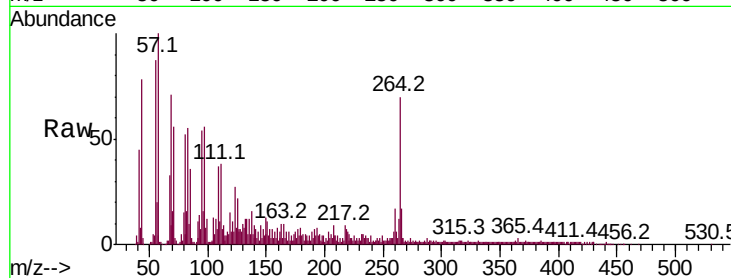




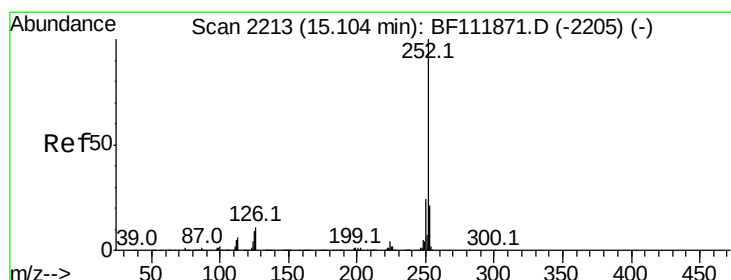
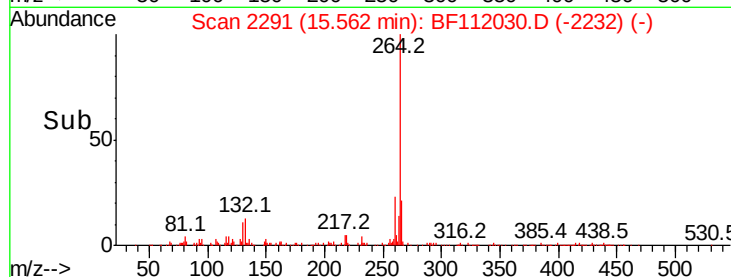
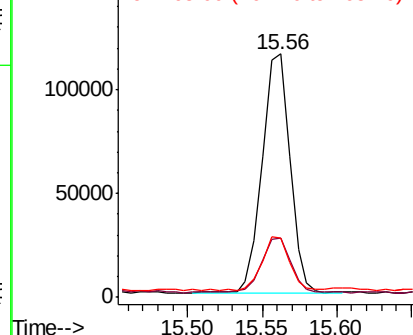
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 147455
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 24.1 17.1 25.7

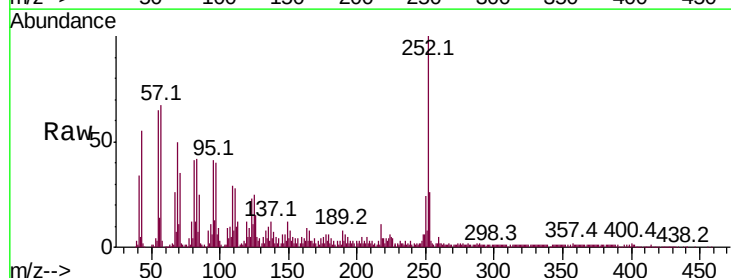


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

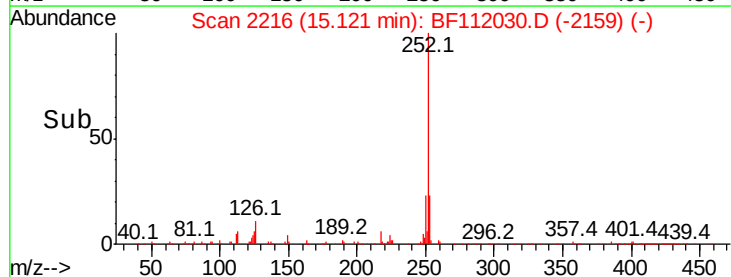
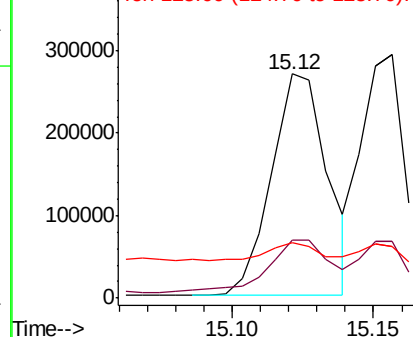


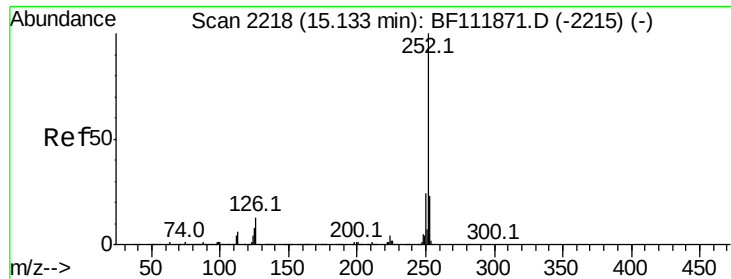
#88
Benzo(b)fluoranthene
Concen: 42.057 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.03 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:252 Resp: 370966
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.6#
125 24.6 7.1 10.7#



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

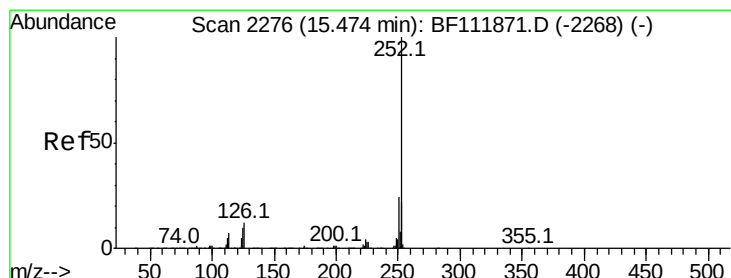
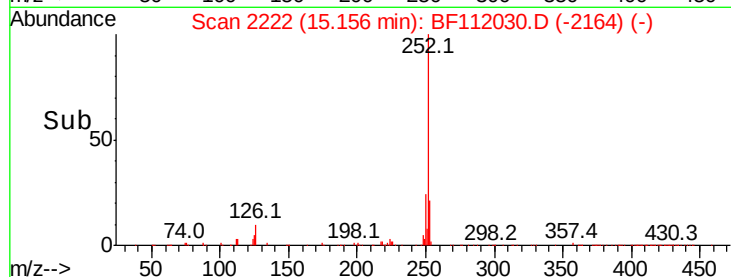
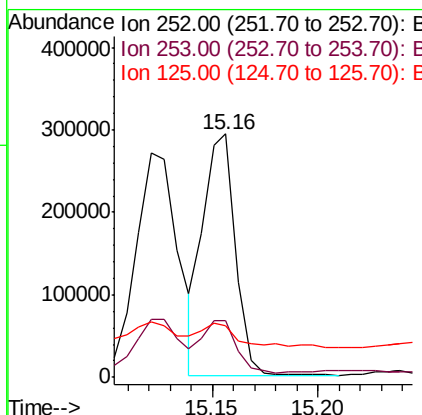
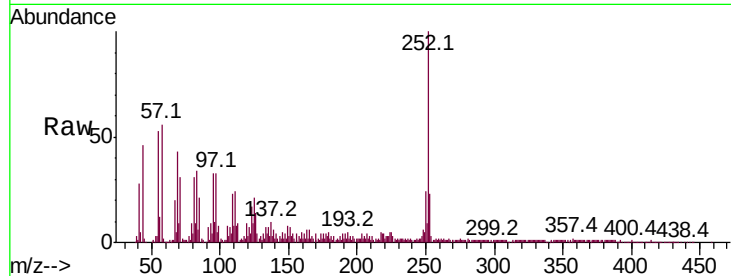




#89
Benzo(k)fluoranthene
Concen: 37.552 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

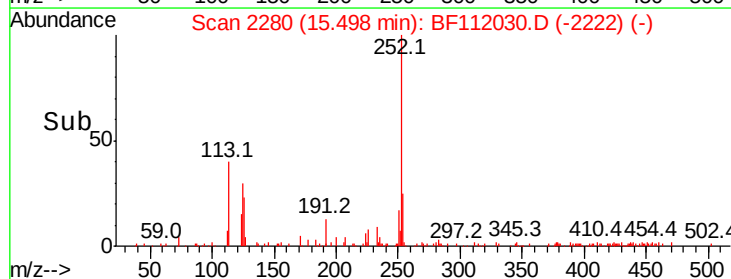
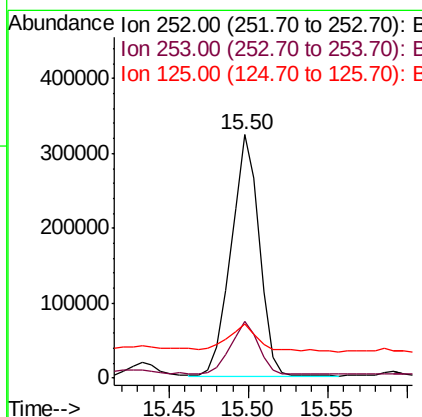
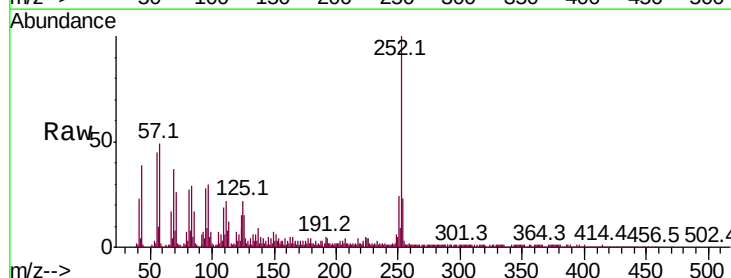
Instrument :
BNA_F
ClientSampleId :

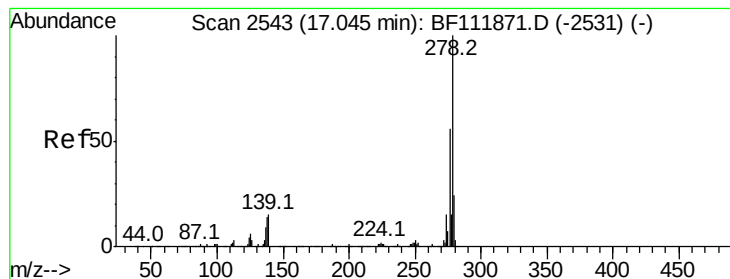
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	21.3	7.0	10.4



#90
Benzo(a)pyrene
Concen: 50.860 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	22.1	7.9	11.9





#91

Dibenzo(a,h)anthracene

Concen: 48.308 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.05 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampled :

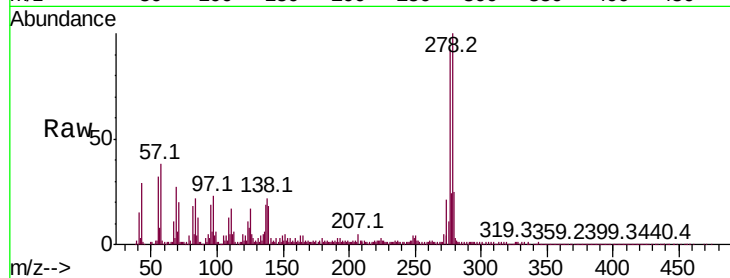
Tot Ion:278 Resp: 301338

Ion Ratio Lower Upper

278 100

139 17.8 11.8 17.6#

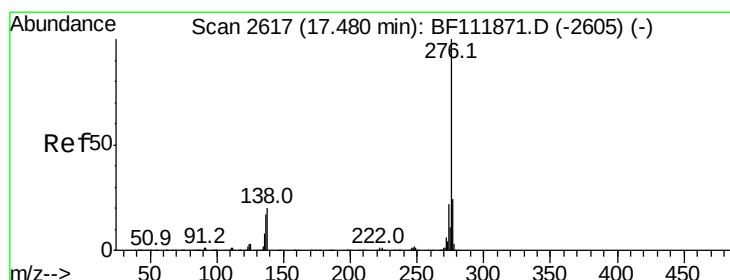
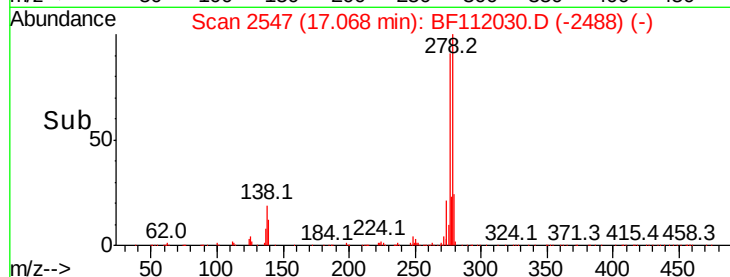
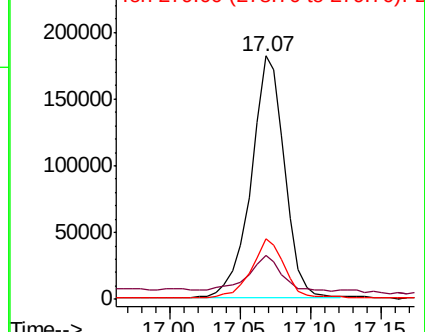
279 25.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.476 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.05 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

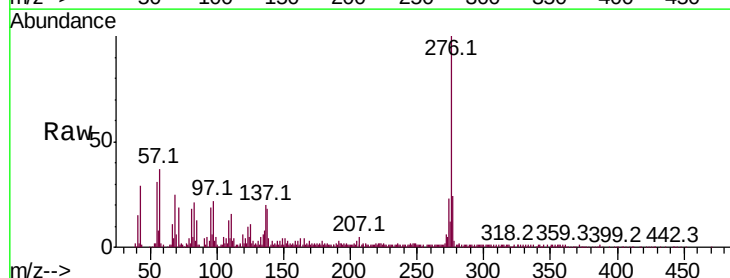
Tgt Ion:276 Resp: 210345

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 18.0 16.2 24.2



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

