

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111983.D
 Acq On : 10 Jan 2019 13:19
 Operator : JU/SJ
 Sample : PB116203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167329	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	652067	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	282841	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	642982	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	441461	20.00	ng	-0.01
87) Perylene-d12	15.52	264	295146	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1140227	116.58	ng	0.00
7) Phenol-d6	6.53	99	1578024	125.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	807183	66.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	434114	118.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1399274	72.14	ng	-0.01
79) Terphenyl-d14	12.99	244	1744675	75.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	170364	39.836	ng	96
3) Pyridine	3.56	79	420537	37.939	ng	99
4) n-Nitrosodimethylamine	3.50	42	249018	45.153	ng	99
6) Aniline	6.54	93	474756	31.147	ng	# 47
8) 2-Chlorophenol	6.67	128	470755	43.346	ng	94
9) Benzaldehyde	6.42	77	92656	9.710	ng	99
10) Phenol	6.54	94	558255	40.745	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	429098	40.483	ng	96
12) 1,3-Dichlorobenzene	6.82	146	502729	39.930	ng	98
13) 1,4-Dichlorobenzene	6.89	146	507731	39.740	ng	98
14) 1,2-Dichlorobenzene	7.05	146	464695	38.050	ng	98
15) Benzyl Alcohol	7.02	79	406349	40.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	640024	35.415	ng	98
17) 2-Methylphenol	7.14	107	354812	40.649	ng	96
18) Hexachloroethane	7.39	117	164767	36.937	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	299529	36.569	ng	99
20) 3+4-Methylphenols	7.29	107	434060	39.957	ng	91
22) Acetophenone	7.29	105	569375	34.490	ng	# 98
24) Nitrobenzene	7.46	77	485747	39.357	ng	97
25) Isophorone	7.70	82	939702	47.564	ng	99
26) 2-Nitrophenol	7.77	139	261861	43.091	ng	99
27) 2,4-Dimethylphenol	7.82	122	430166	48.957	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	578302	43.853	ng	99
29) 2,4-Dichlorophenol	8.02	162	435075	43.061	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	456678	40.972	ng	99
31) Naphthalene	8.19	128	1350100	43.616	ng	99
32) Benzoic acid	7.95	122	167986	29.461	ng	94
33) 4-Chloroaniline	8.23	127	369480	27.613	ng	98
34) Hexachlorobutadiene	8.30	225	260265	37.508	ng	99
35) Caprolactam	8.60	113	47743	14.463	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	359695	35.806	ng	97
37) 2-Methylnaphthalene	8.87	142	795112	41.454	ng	99
38) 1-Methylnaphthalene	8.97	142	748607	40.693	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373883	41.464	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111983.D
 Acq On : 10 Jan 2019 13:19
 Operator : JU/SJ
 Sample : PB116203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

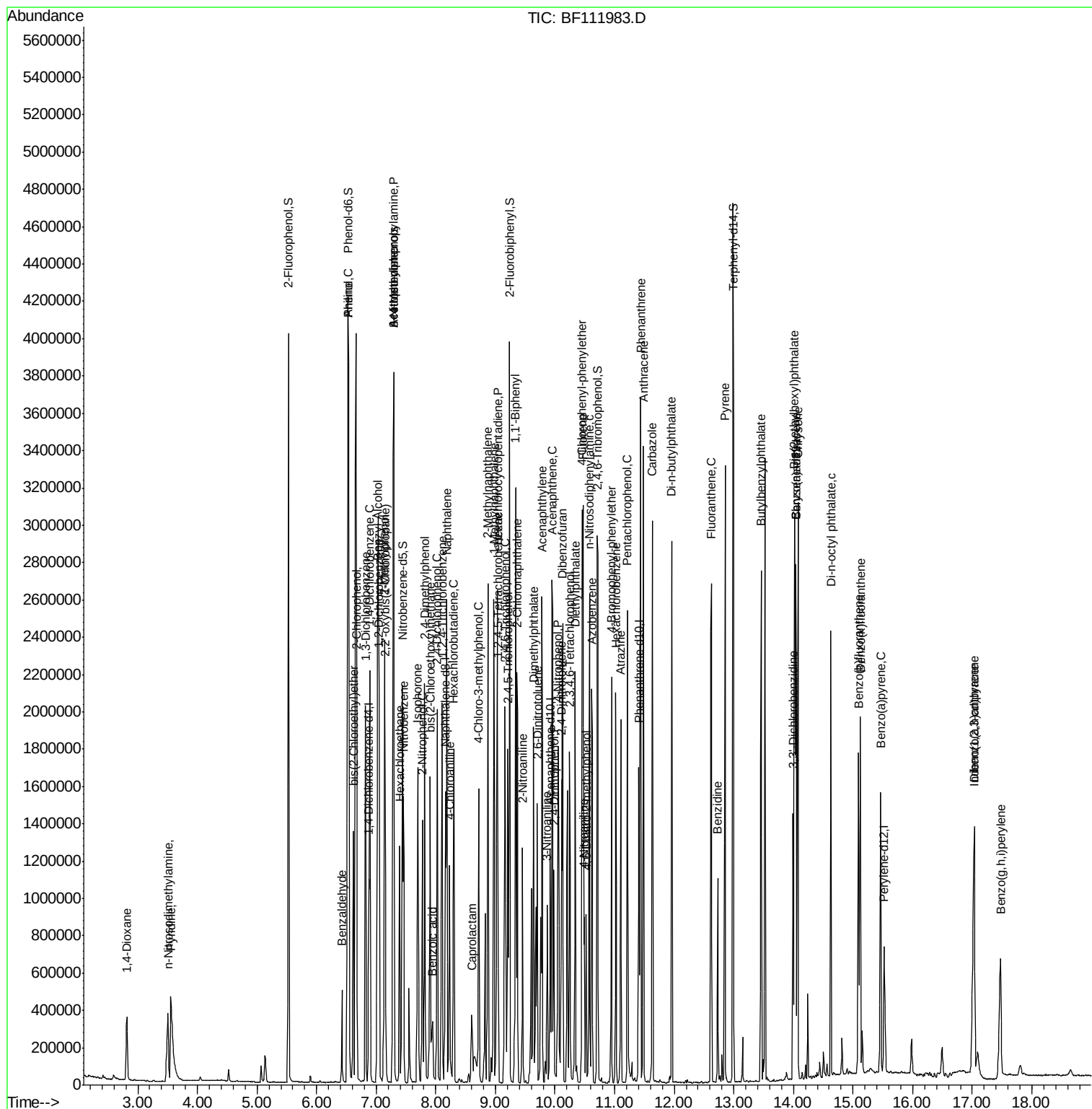
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	435629	83.555	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	255287	41.741	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	267005	41.668	ng	# 95
46) 1,1'-Biphenyl	9.34	154	966603	40.855	ng	99
47) 2-Chloronaphthalene	9.36	162	754511	40.634	ng	97
48) 2-Nitroaniline	9.46	65	232008	40.868	ng	99
49) Acenaphthylene	9.78	152	1201534	43.768	ng	99
50) Dimethylphthalate	9.64	163	881688	41.497	ng	99
51) 2,6-Dinitrotoluene	9.70	165	197134	41.490	ng	95
52) Acenaphthene	9.95	154	690887	39.038	ng	100
53) 3-Nitroaniline	9.87	138	144192	28.339	ng	97
54) 2,4-Dinitrophenol	9.98	184	155257	77.170	ng	# 87
55) Dibenzofuran	10.13	168	1057007	41.068	ng	99
56) 4-Nitrophenol	10.05	139	277621	77.219	ng	98
57) 2,4-Dinitrotoluene	10.11	165	259364	42.246	ng	99
58) Fluorene	10.47	166	825083	44.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	224783	41.634	ng	99
60) Diethylphthalate	10.34	149	835623	40.640	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	406658	38.721	ng	97
62) 4-Nitroaniline	10.49	138	194902	40.384	ng	98
63) Azobenzene	10.62	77	808867	41.179	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	113468	28.600	ng	100
66) n-Nitrosodiphenylamine	10.57	169	719804	33.360	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	260258	31.251	ng	99
68) Hexachlorobenzene	11.02	284	292845	31.729	ng	96
69) Atrazine	11.10	200	238406	31.448	ng	99
70) Pentachlorophenol	11.22	266	316723	60.304	ng	97
71) Phenanthrene	11.43	178	1440285	41.897	ng	99
72) Anthracene	11.49	178	1475718	42.287	ng	99
73) Carbazole	11.63	167	1316207	38.774	ng	99
74) Di-n-butylphthalate	11.96	149	1482981	37.611	ng	99
75) Fluoranthene	12.62	202	1189637	33.709	ng	100
77) Benzidine	12.73	184	442462	33.543	ng	97
78) Pyrene	12.85	202	1400192	46.096	ng	99
80) Butylbenzylphthalate	13.46	149	580514	45.205	ng	99
81) Benzo(a)anthracene	14.03	228	1127429	44.375	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	287067	30.605	ng	99
83) Chrysene	14.07	228	1040750	42.962	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	754983	44.767	ng	99
85) Di-n-octyl phthalate	14.63	149	1081864	44.826	ng	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	790149	44.740	ng	99
88) Benzo(b)fluoranthene	15.09	252	855881	48.477	ng	99
89) Benzo(k)fluoranthene	15.12	252	836563	50.408	ng	99
90) Benzo(a)pyrene	15.46	252	791755	51.002	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	644362	51.608	ng	99
92) Benzo(g,h,i)perylene	17.47	276	572291	46.862	ng	99

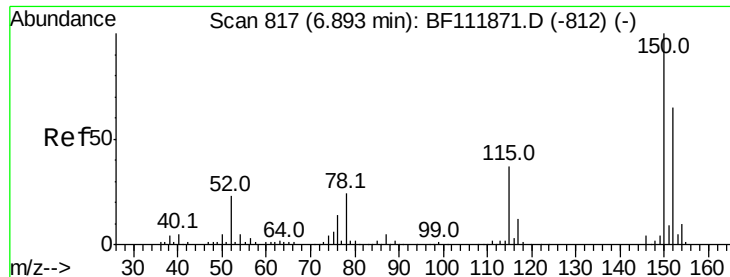
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\  
Data File : BF111983.D  
Acq On    : 10 Jan 2019 13:19  
Operator  : JU/SJ  
Sample    : PB116203BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:50:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



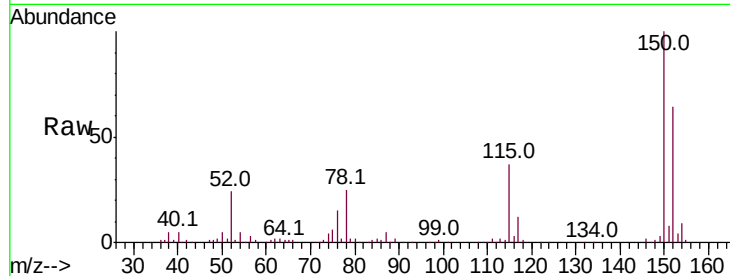


#1

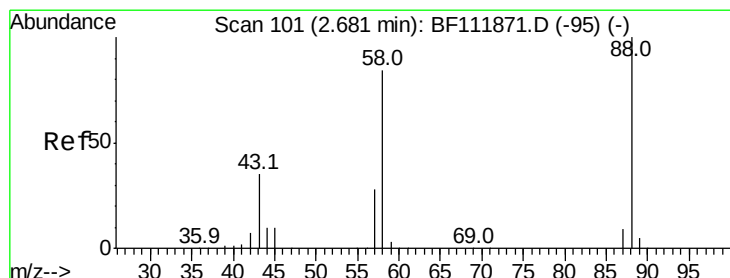
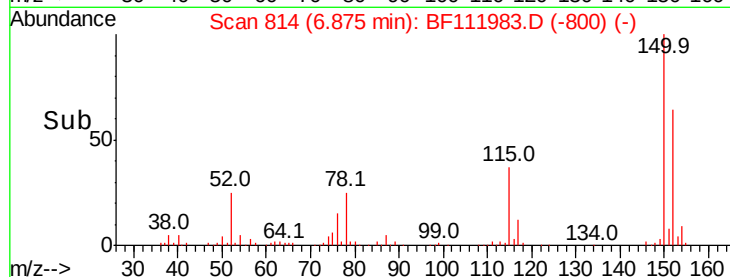
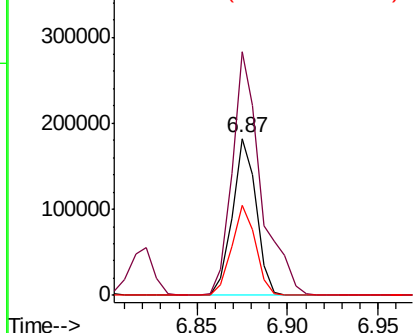
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167329
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 57.4 45.2 67.8



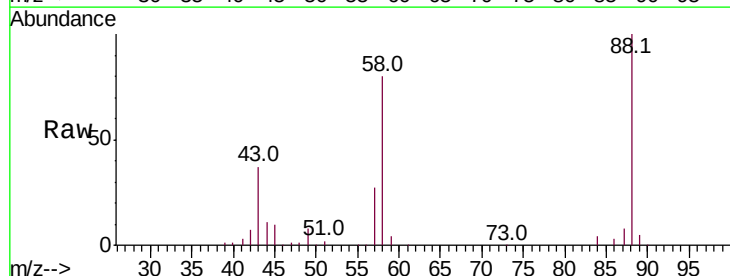
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



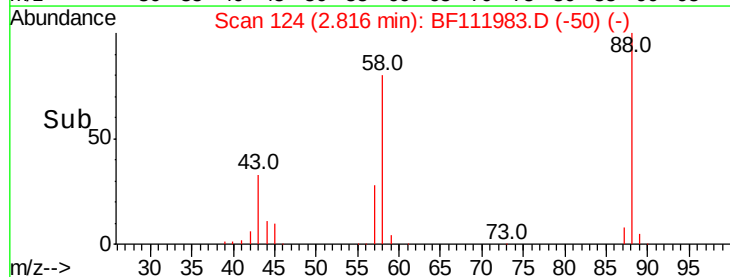
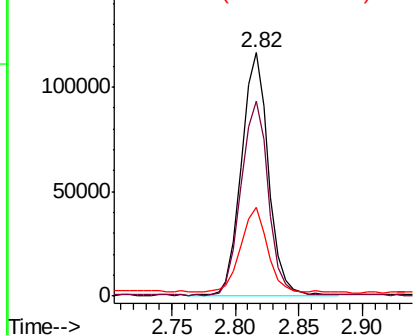
#2

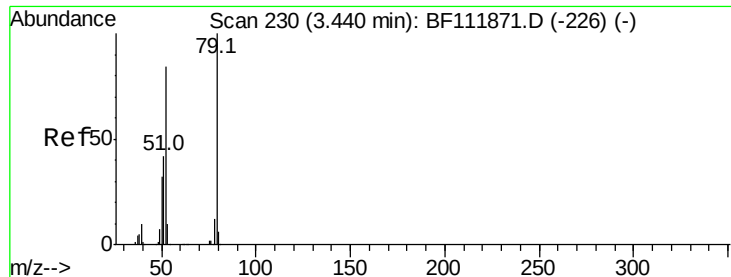
1,4-Dioxane
Concen: 39.836 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.14 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion: 88 Resp: 170364
Ion Ratio Lower Upper
88 100
58 81.0 67.6 101.4
43 34.4 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: 37.939 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.12 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

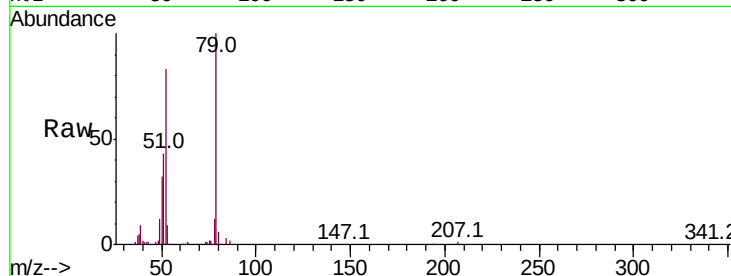
Tot Ion: 79 Resp: 420537

Ion Ratio Lower Upper

79 100

52 83.1 67.0 100.6

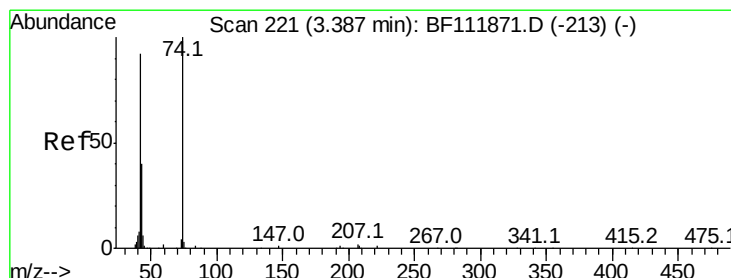
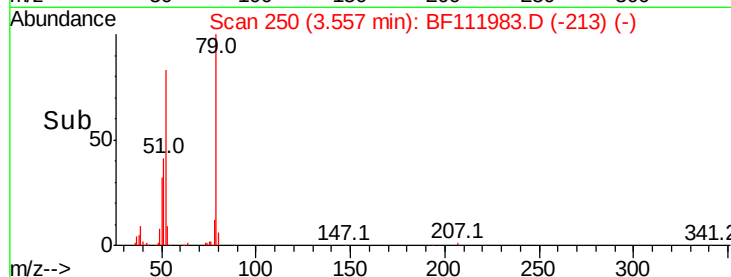
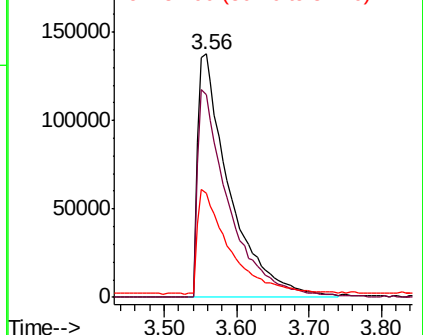
51 42.5 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 45.153 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.12 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

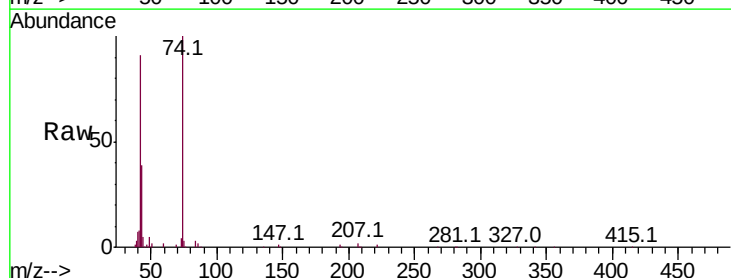
Tgt Ion: 42 Resp: 249018

Ion Ratio Lower Upper

42 100

74 109.4 87.0 130.6

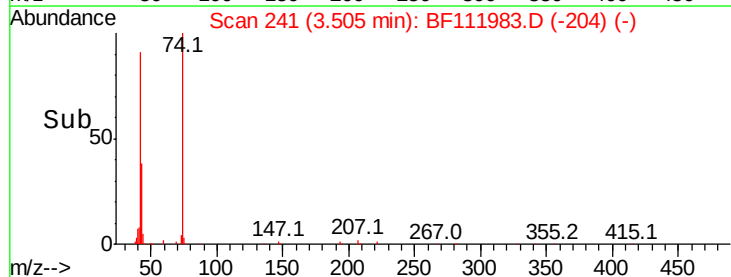
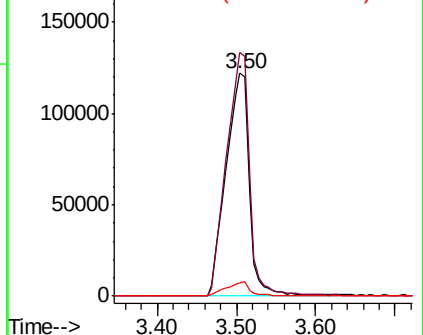
44 5.7 5.5 8.3

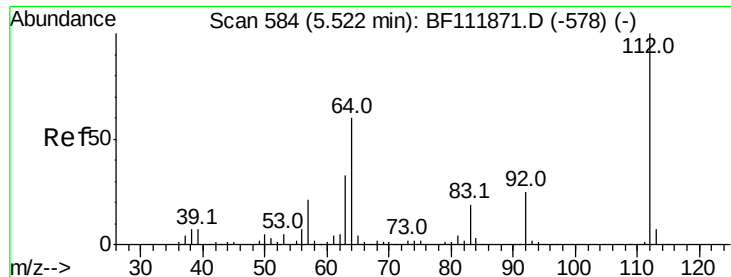


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.580 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

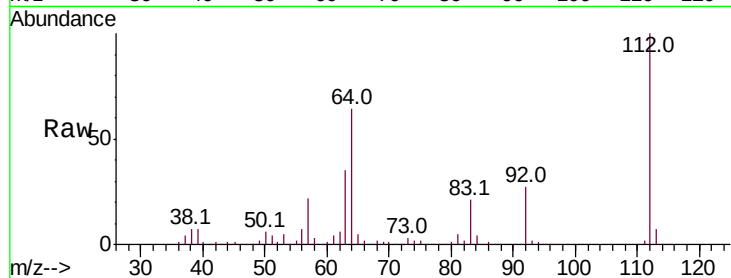
Tot Ion:112 Resp: 1140227

Ion Ratio Lower Upper

112 100

64 64.4 48.3 72.5

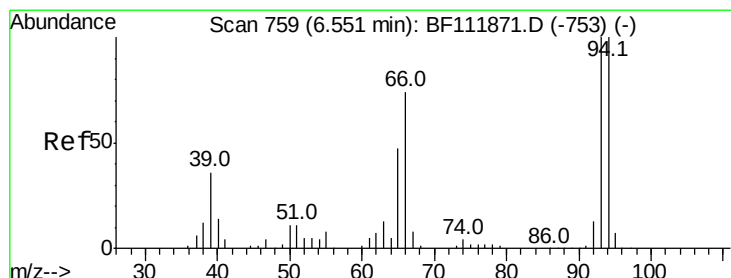
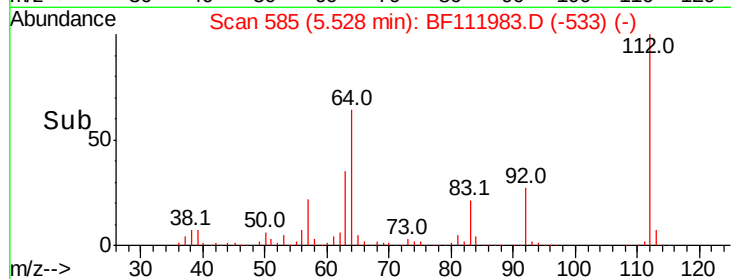
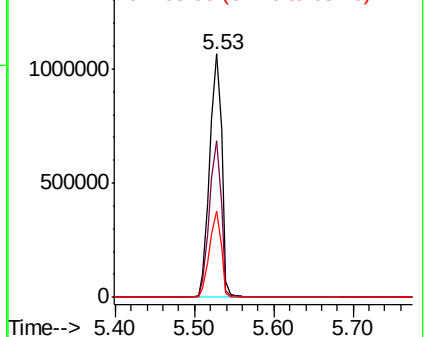
63 35.4 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.147 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

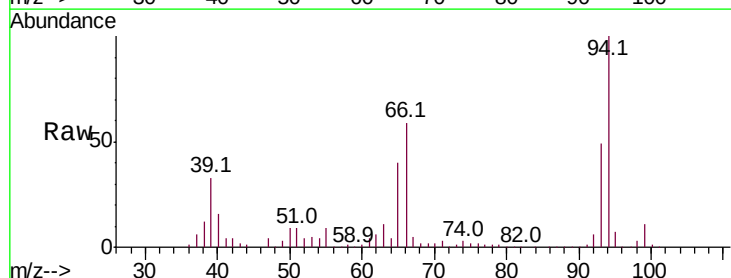
Tgt Ion: 93 Resp: 474756

Ion Ratio Lower Upper

93 100

66 120.3 60.0 90.0#

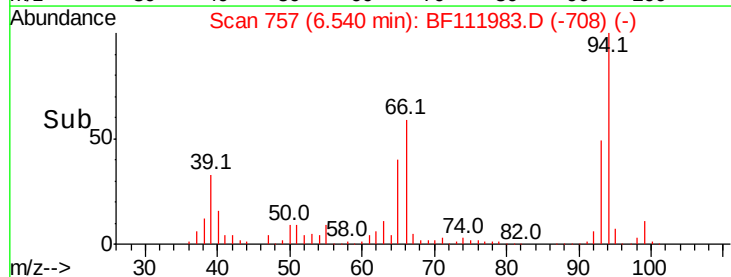
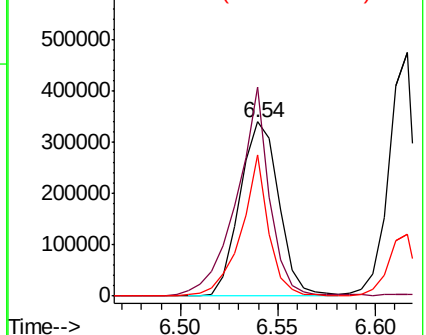
65 81.3 37.5 56.3#

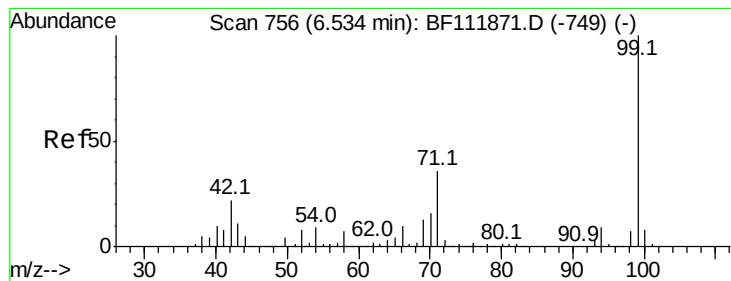


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.179 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

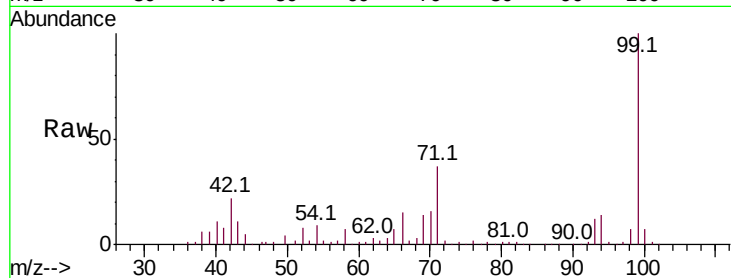
Tot Ion: 99 Resp: 1578024

Ion Ratio Lower Upper

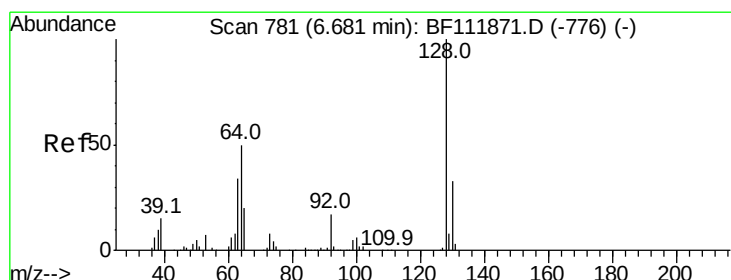
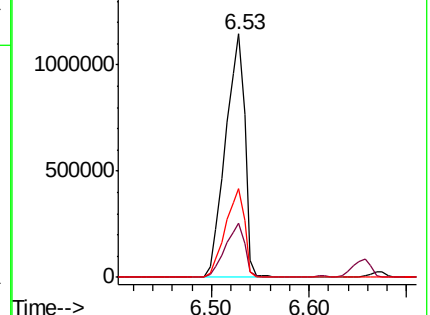
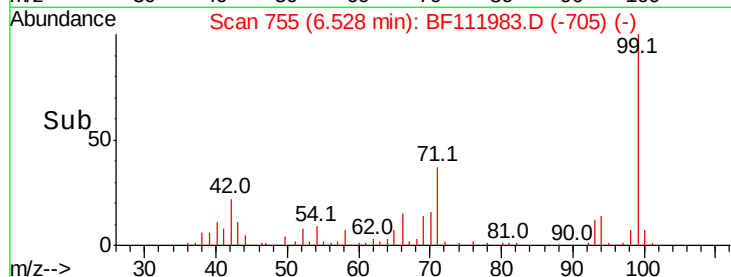
99 100

42 22.1 17.9 26.9

71 36.5 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: 43.346 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

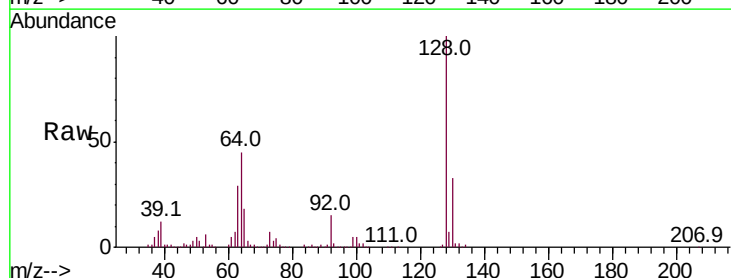
Tgt Ion:128 Resp: 470755

Ion Ratio Lower Upper

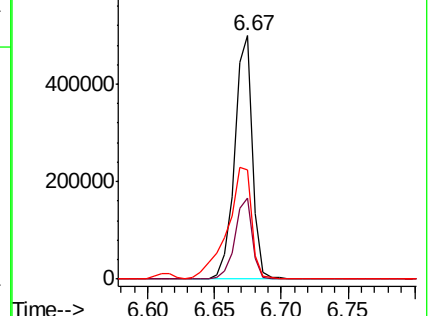
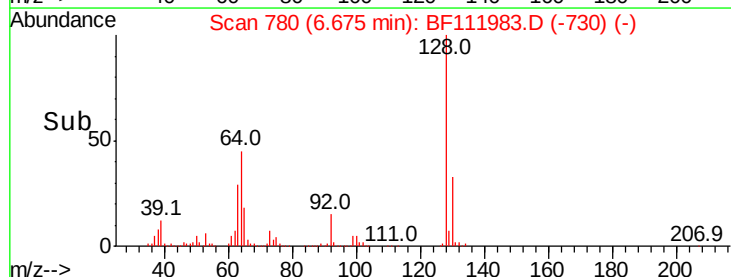
128 100

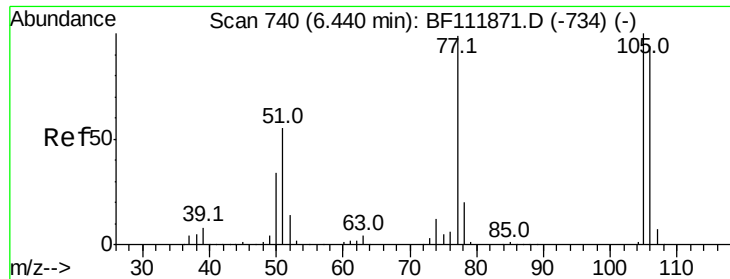
130 33.2 12.7 52.7

64 44.8 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: 9.710 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

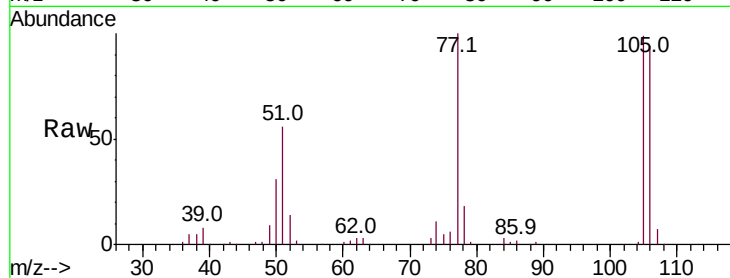
Tot Ion: 77 Resp: 92656

Ion Ratio Lower Upper

77 100

105 98.5 80.6 120.6

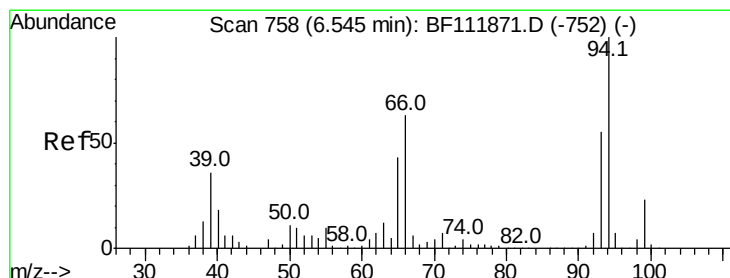
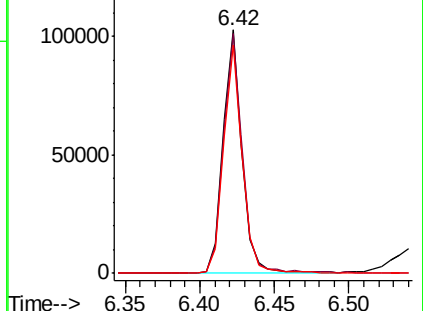
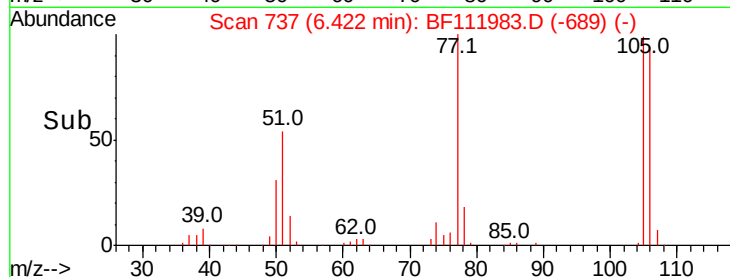
106 93.9 74.6 114.6



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: 40.745 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

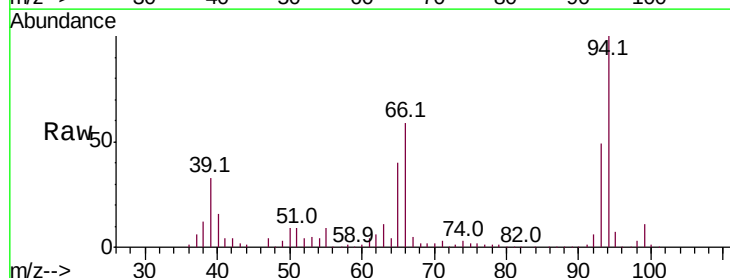
Tgt Ion: 94 Resp: 558255

Ion Ratio Lower Upper

94 100

65 39.7 22.8 62.8

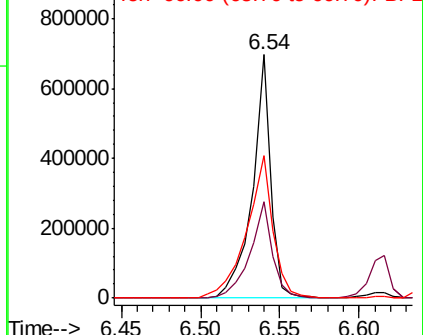
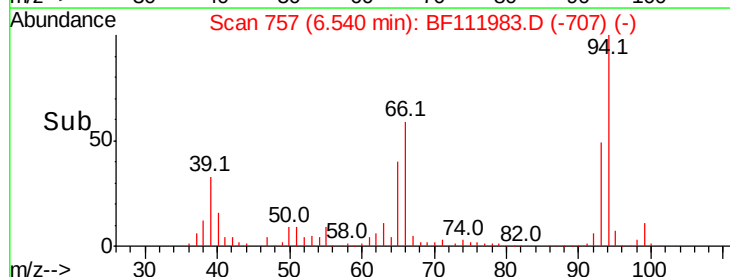
66 58.7 43.3 83.3

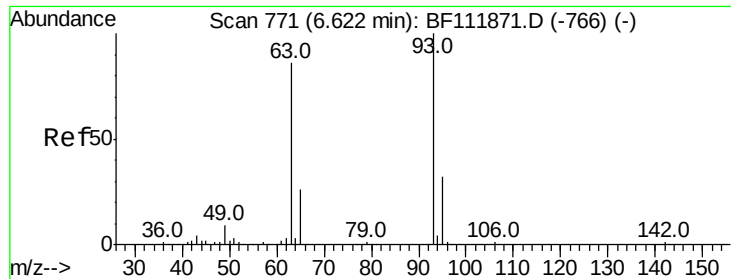


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

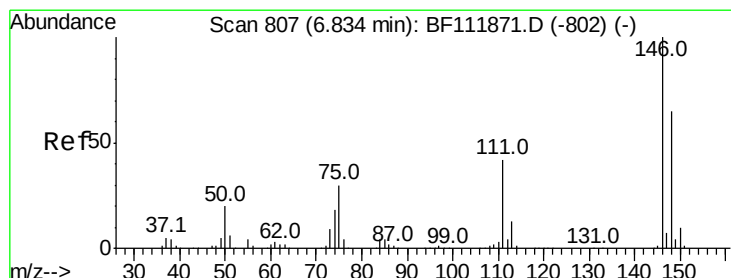
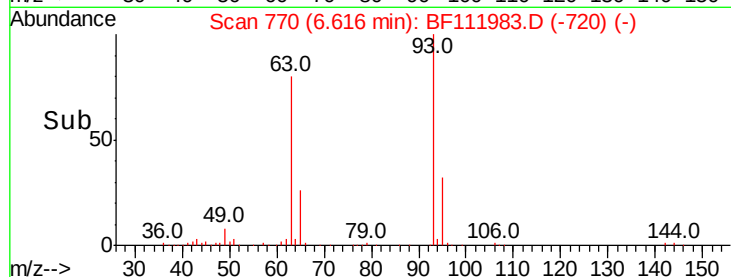
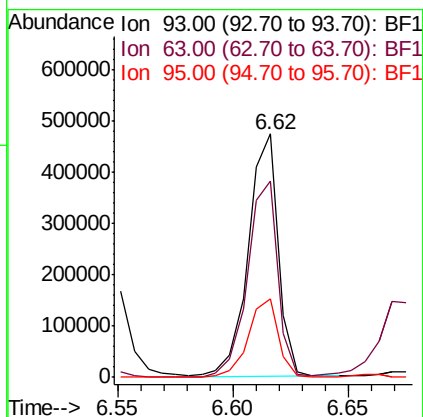
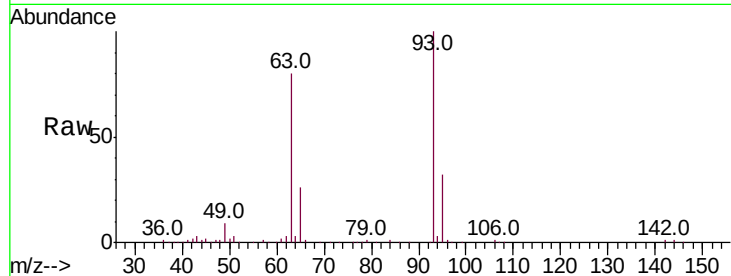




#11
bis(2-Chloroethyl)ether
Concen: 40.483 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

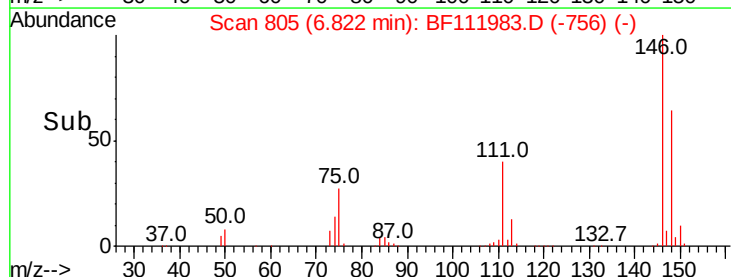
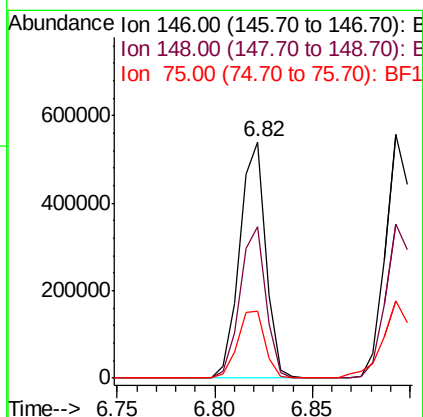
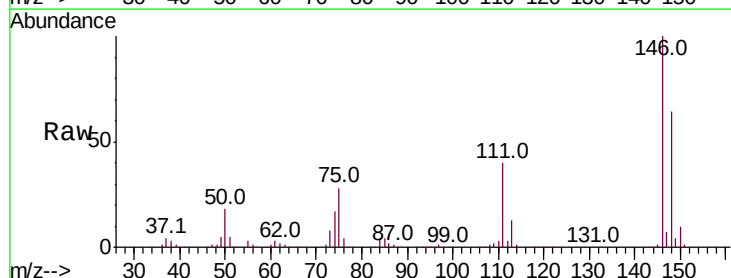
Instrument :
BNA_F
ClientSampleId :

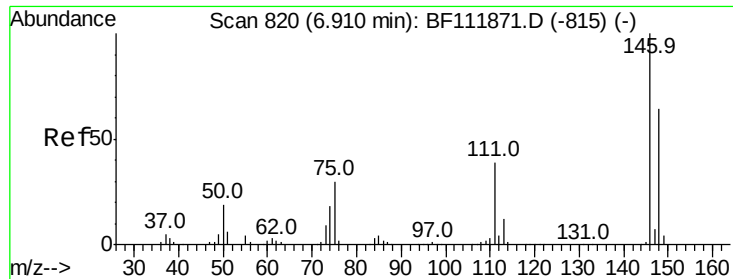
Tot Ion: 93 Resp: 429098
Ion Ratio Lower Upper
93 100
63 80.4 65.2 105.2
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.930 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion: 146 Resp: 502729
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 28.4 24.3 36.5

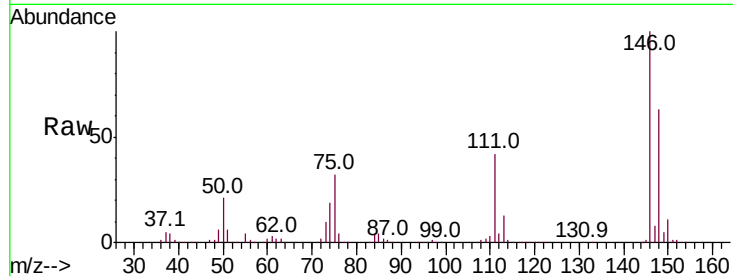




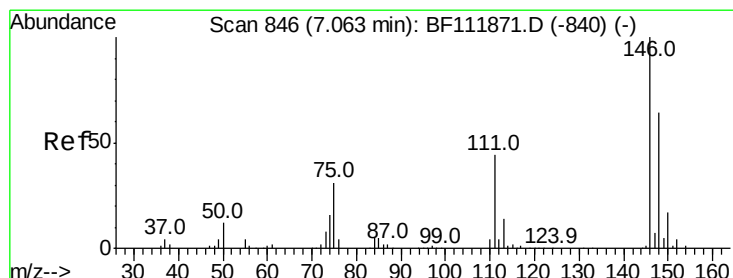
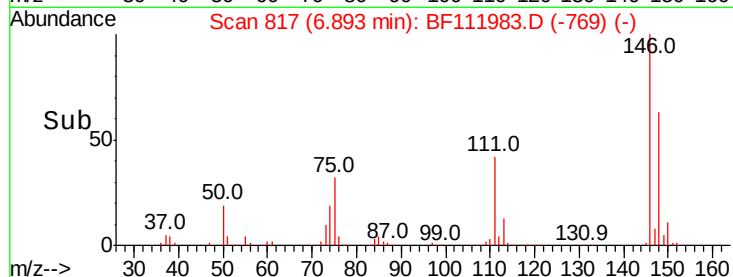
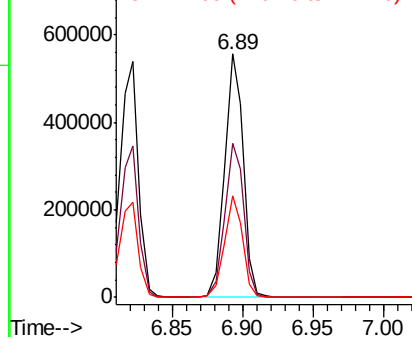
#13
 1,4-Dichlorobenzene
 Concen: 39.740 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 507731
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.2 76.8
 111 41.7 31.5 47.3

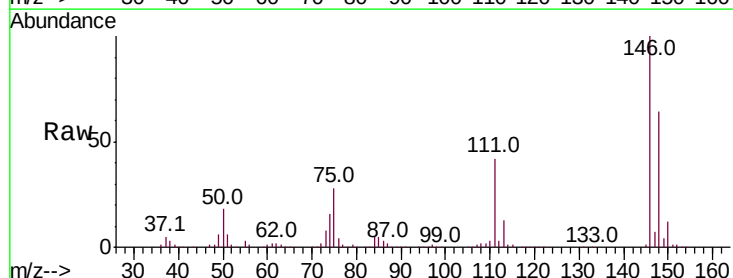


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

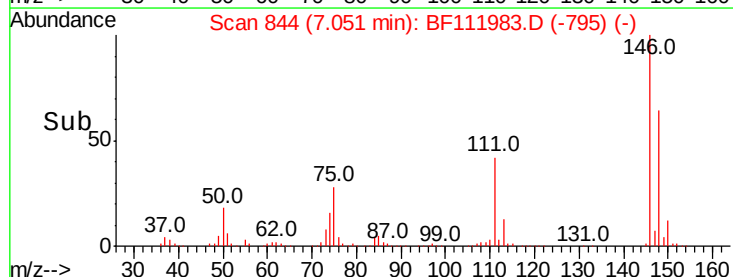
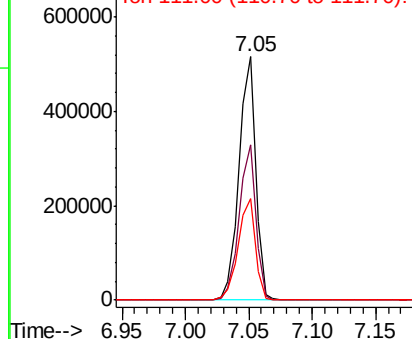


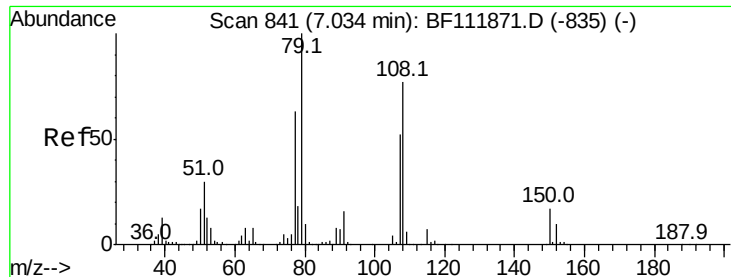
#14
 1,2-Dichlorobenzene
 Concen: 38.050 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion:146 Resp: 464695
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 41.7 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

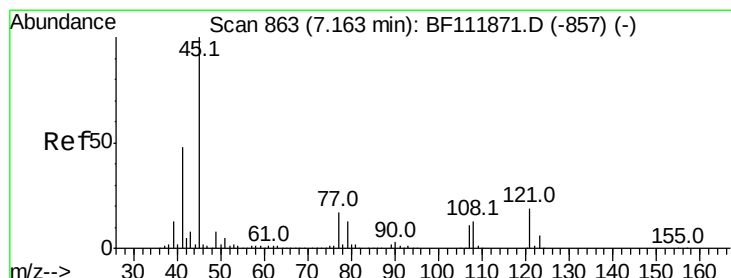
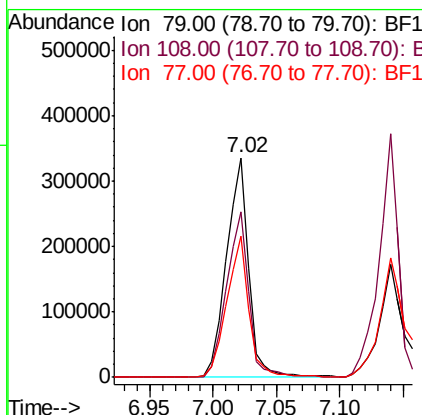
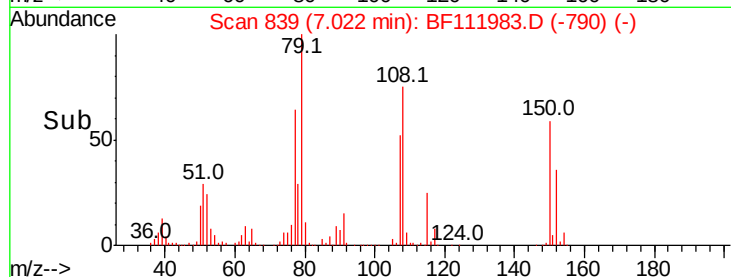
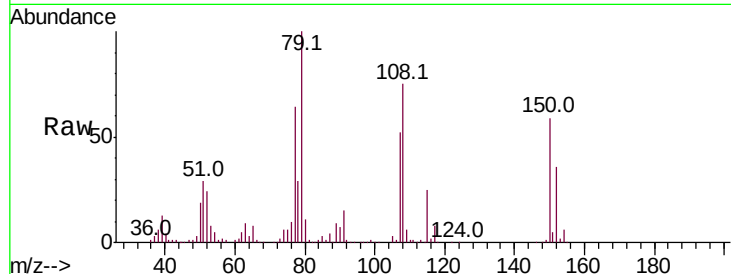




#15
Benzyl Alcohol
Concen: 40.740 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

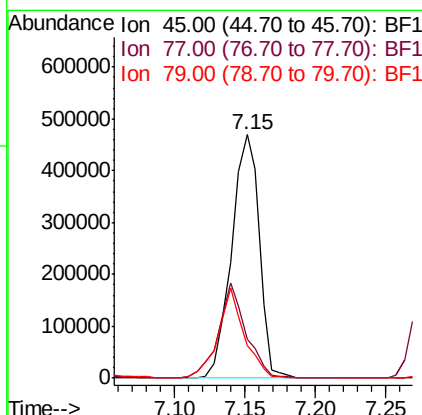
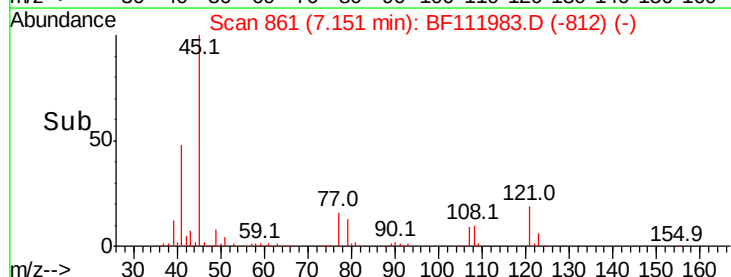
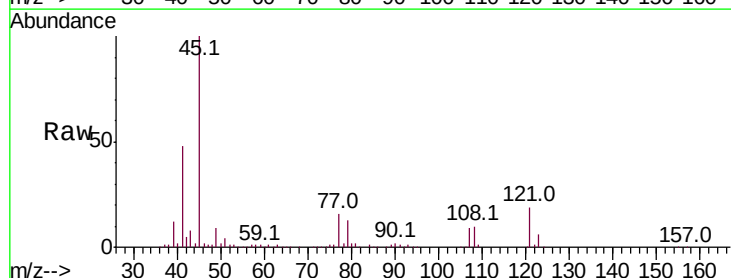
Instrument :
BNA_F
ClientSampled :

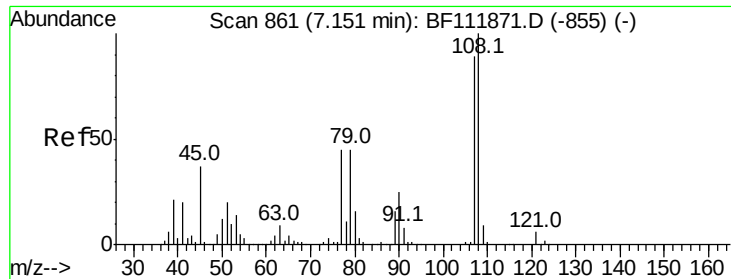
Tot Ion: 79 Resp: 406349
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 64.0 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.415 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion: 45 Resp: 640024
Ion Ratio Lower Upper
45 100
77 16.1 0.0 37.1
79 13.3 0.0 33.9

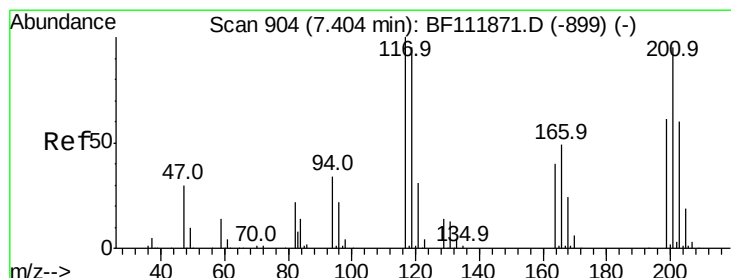
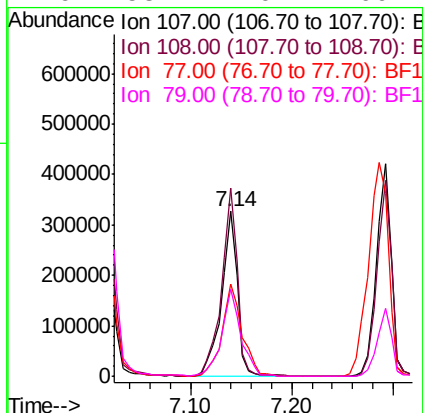
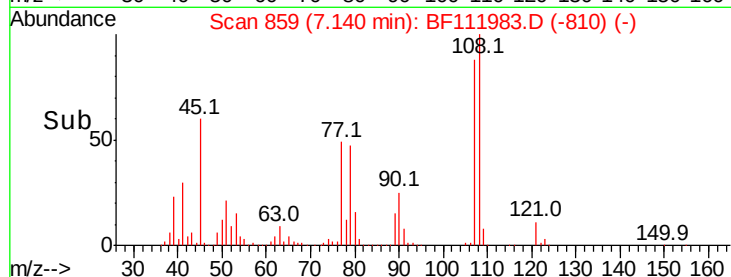
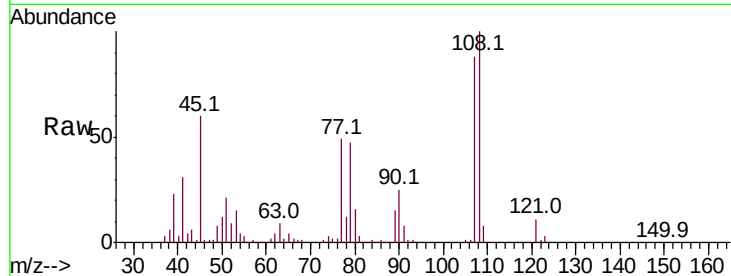




#17
2-Methylphenol
Concen: 40.649 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

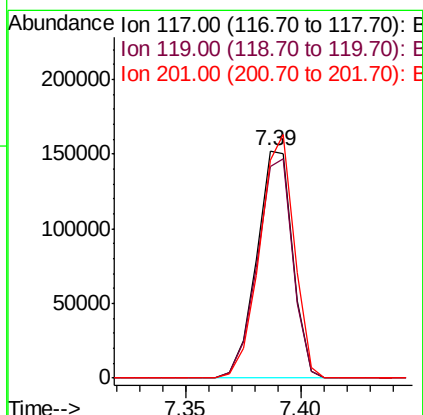
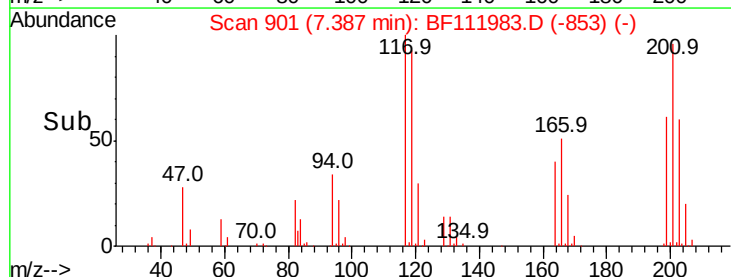
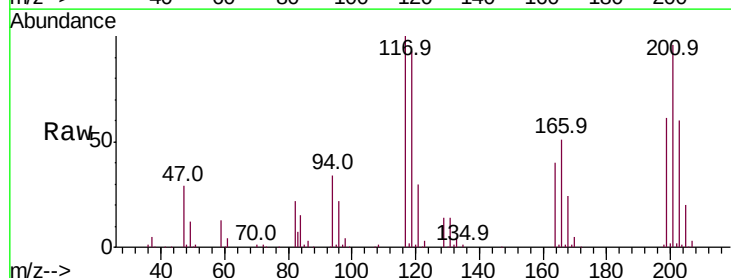
Instrument :
BNA_F
ClientSampleId :

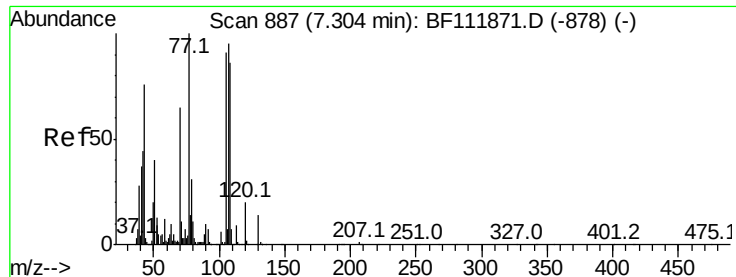
Tot Ion:107 Resp: 354812
Ion Ratio Lower Upper
107 100
108 114.0 89.7 134.5
77 56.0 40.6 60.8
79 53.2 40.2 60.2



#18
Hexachloroethane
Concen: 36.937 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:117 Resp: 164767
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.2
201 95.8 75.7 113.5



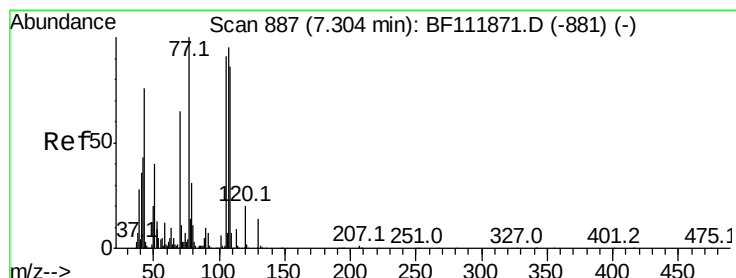
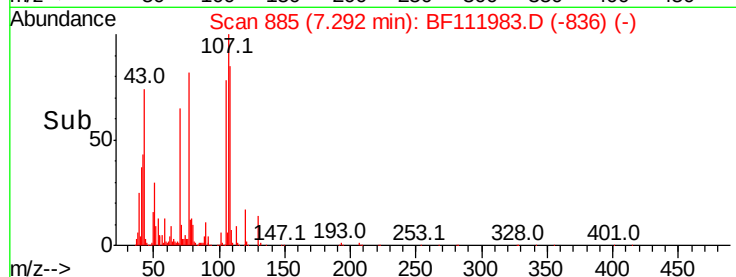
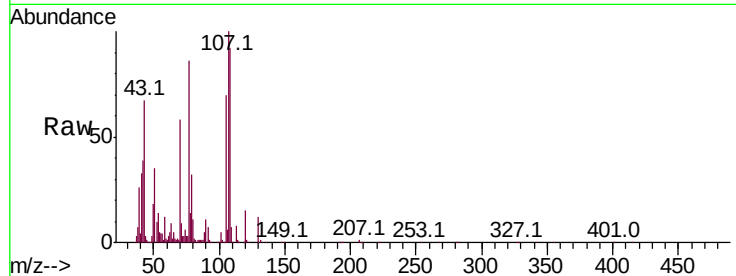
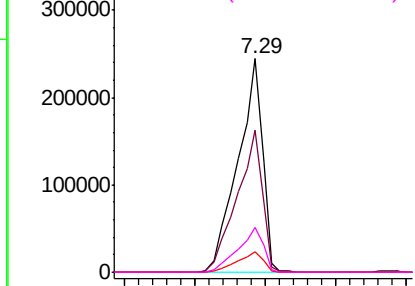


#19
n-Nitroso-di-n-propylamine
Concen: 36.569 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.6	53.6	80.4
101	9.4	7.3	10.9
130	21.3	16.8	25.2

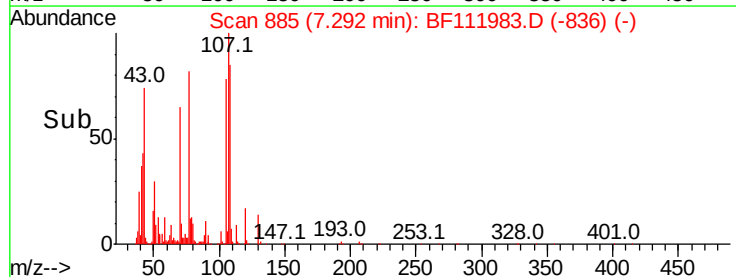
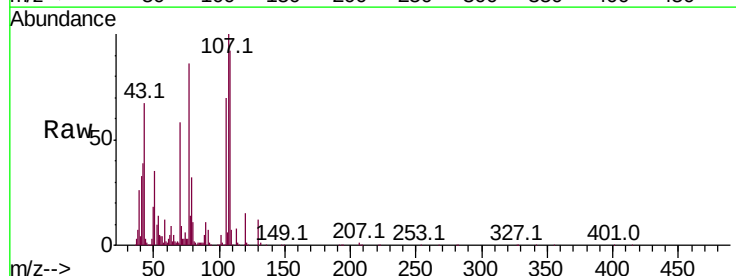
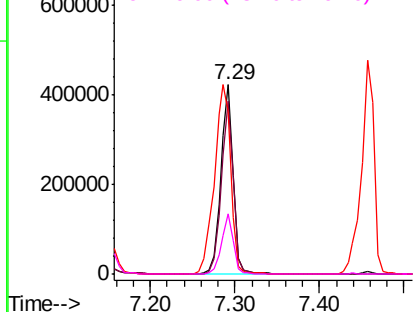
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

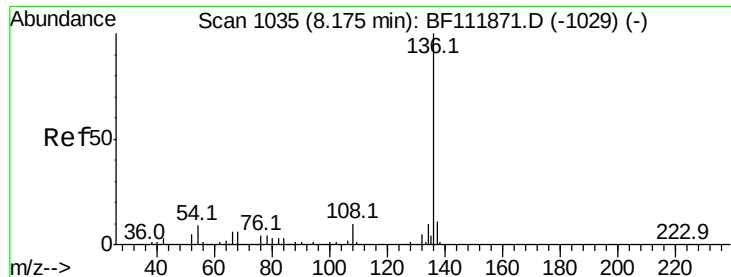


#20
3+4-Methylphenols
Concen: 39.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.1	111.1
77	86.3	85.4	125.4
79	32.1	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: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 652067

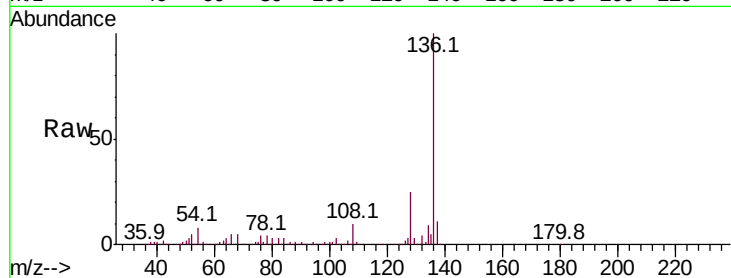
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.2 7.2 10.8

68 4.9 4.4 6.6

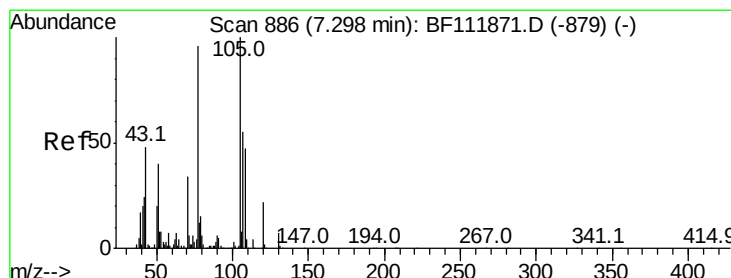
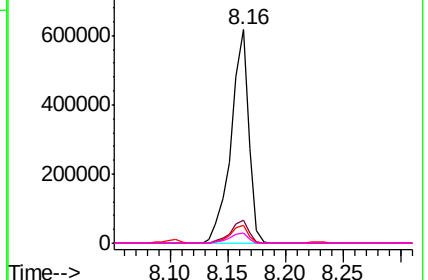
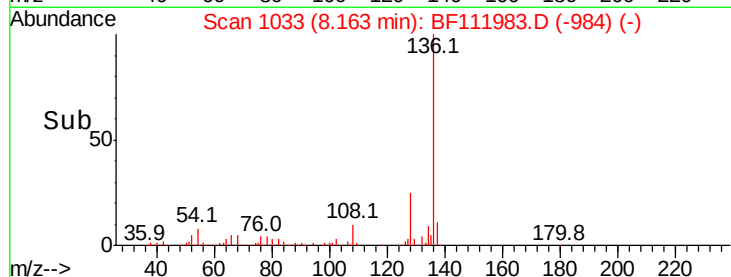


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.490 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:105 Resp: 569375

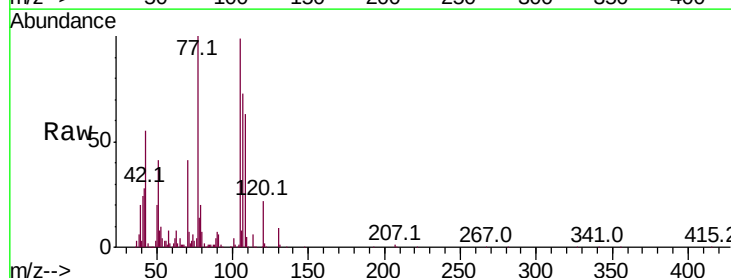
Ion Ratio Lower Upper

105 100

71 6.9 4.6 6.8#

51 41.4 32.2 48.2

120 22.0 17.5 26.3

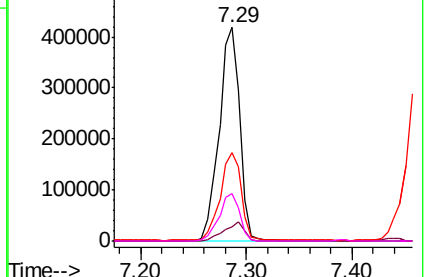
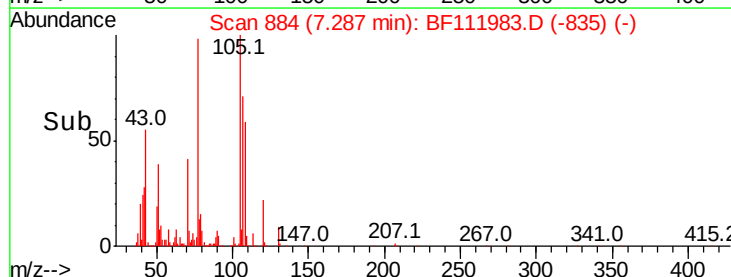


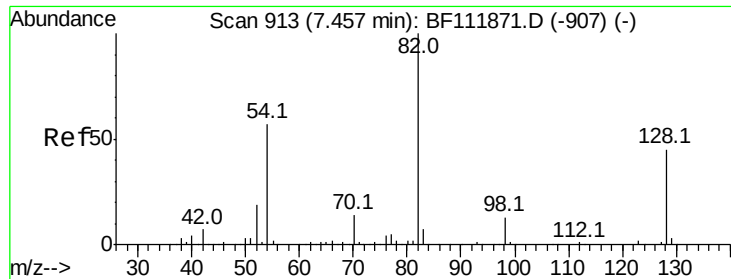
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

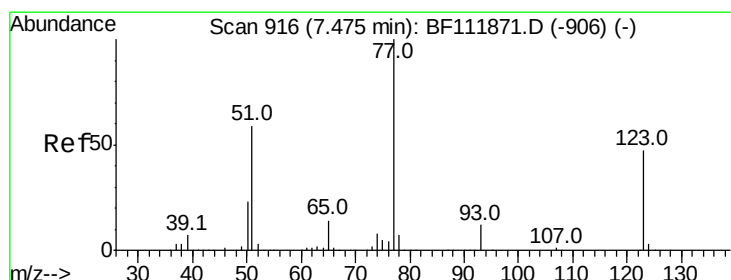
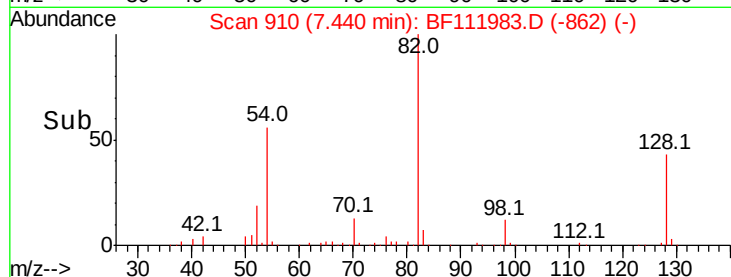
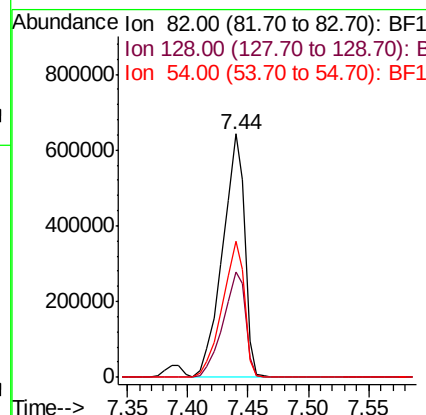
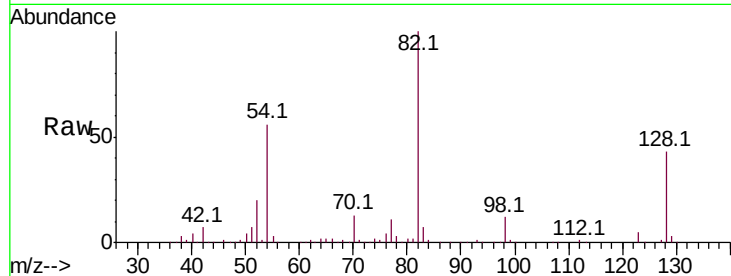




#23
 Nitrobenzene-d5
 Concen: 66.159 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

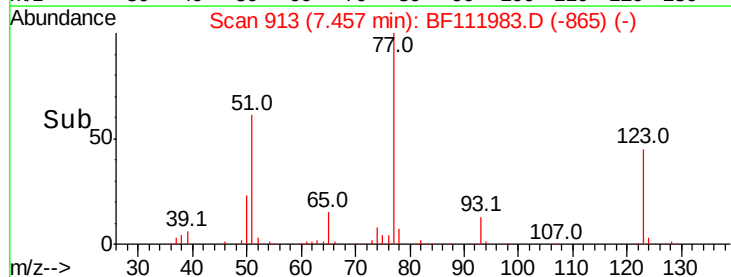
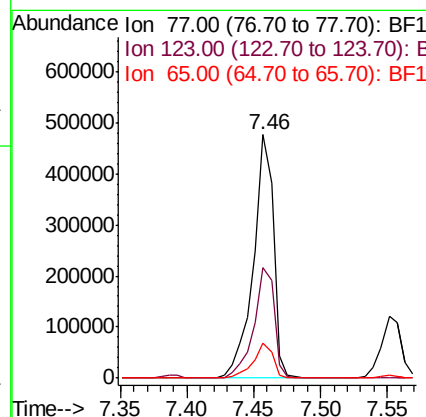
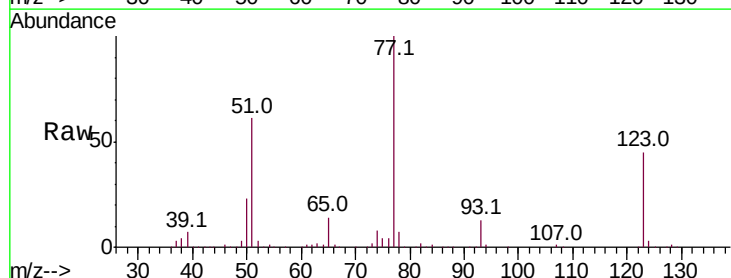
Instrument :
 BNA_F
 ClientSampled :

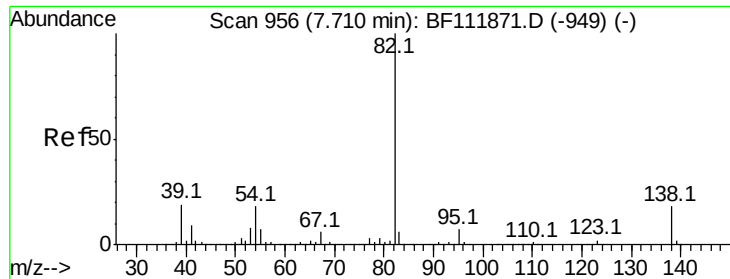
Tot Ion: 82 Resp: 807183
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.7 53.5
 54 56.1 45.8 68.8



#24
 Nitrobenzene
 Concen: 39.357 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion: 77 Resp: 485747
 Ion Ratio Lower Upper
 77 100
 123 45.2 38.1 57.1
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 47.564 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

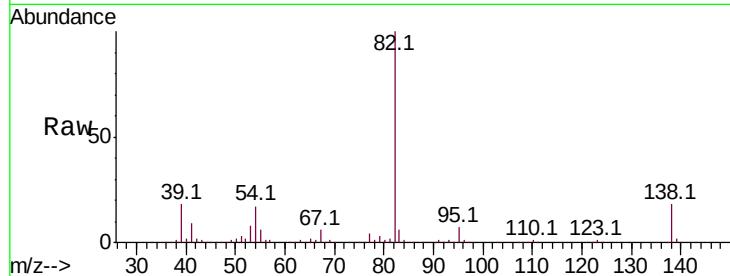
Tot Ion: 82 Resp: 939702

Ion Ratio Lower Upper

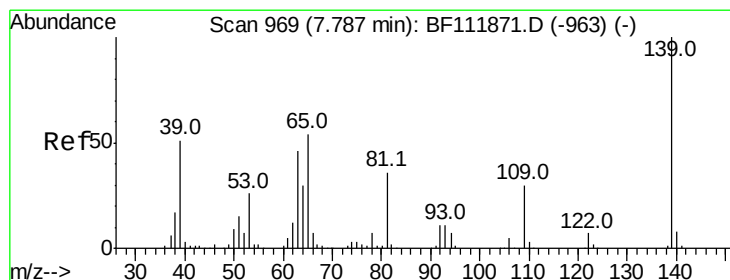
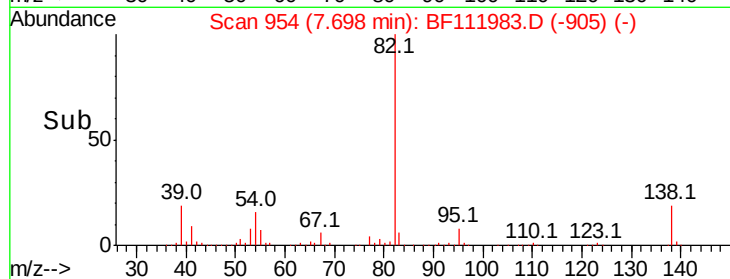
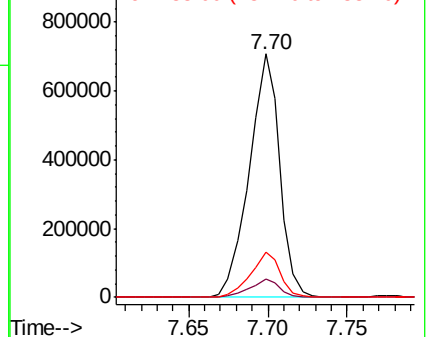
82 100

95 7.4 5.8 8.6

138 18.4 14.4 21.6



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



#26

2-Nitrophenol

Concen: 43.091 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

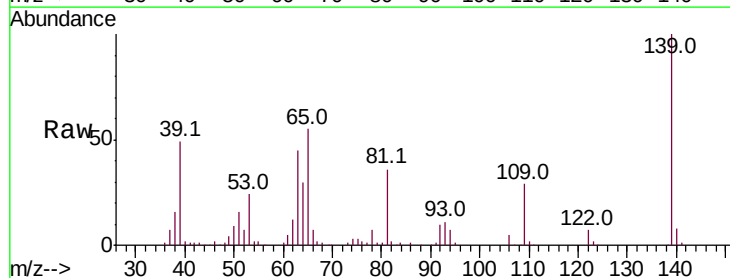
Tgt Ion: 139 Resp: 261861

Ion Ratio Lower Upper

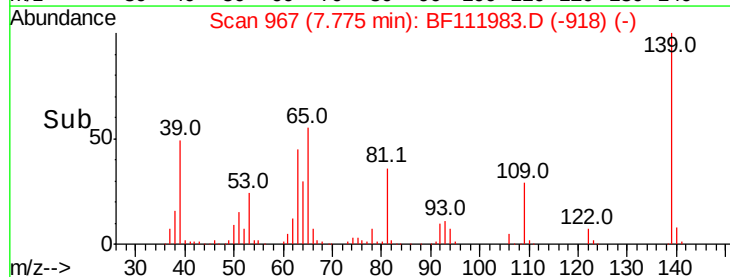
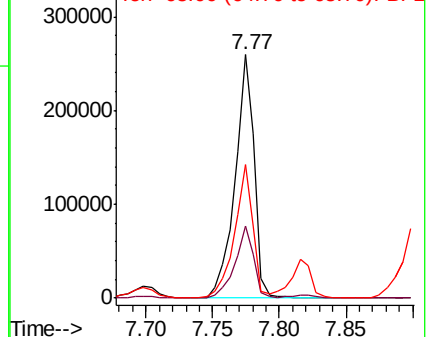
139 100

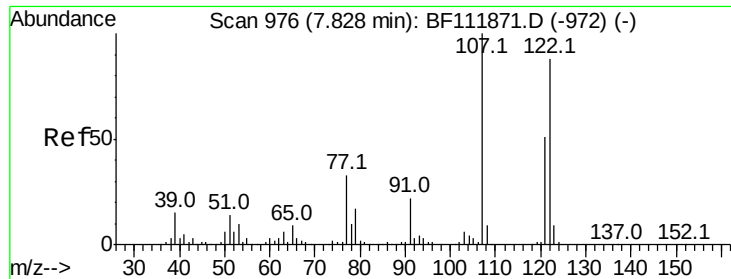
109 29.5 24.1 36.1

65 54.9 43.6 65.4



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

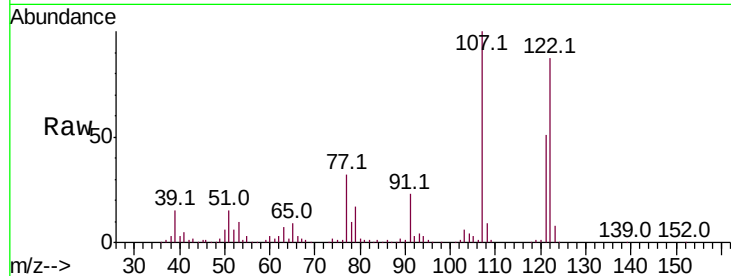




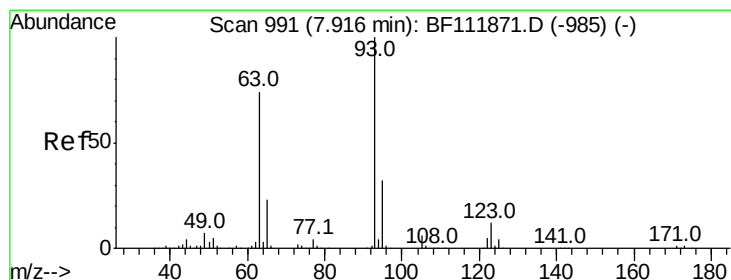
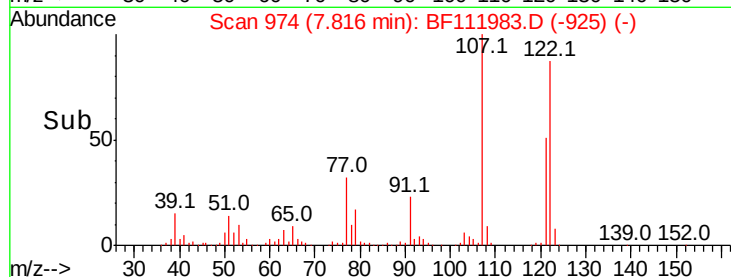
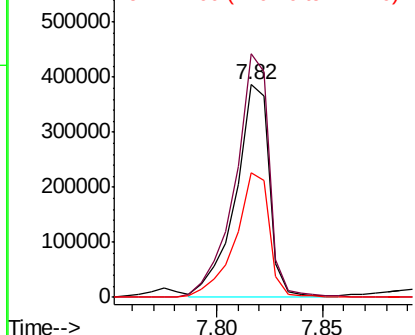
#27
2,4-Dimethylphenol
Concen: 48.957 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 430166
Ion Ratio Lower Upper
122 100
107 114.6 91.0 136.6
121 58.7 46.8 70.2

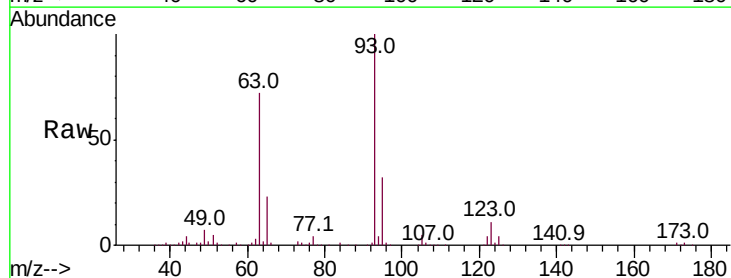


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

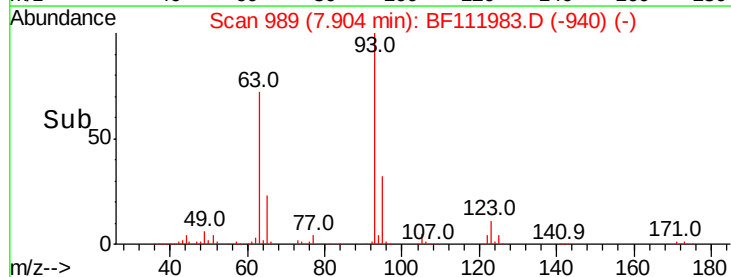
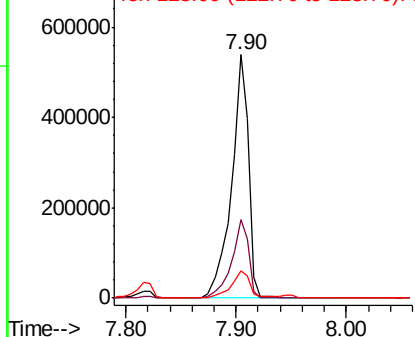


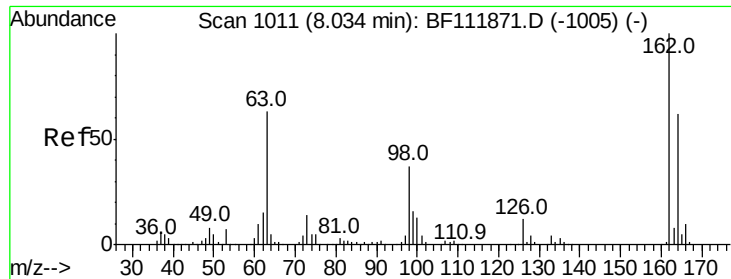
#28
bis(2-Chloroethoxy)methane
Concen: 43.853 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion: 93 Resp: 578302
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 11.3 9.5 14.3



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

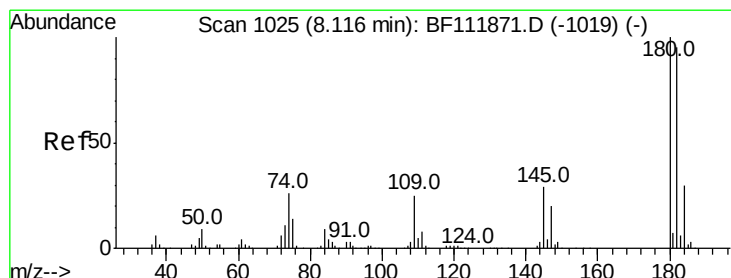
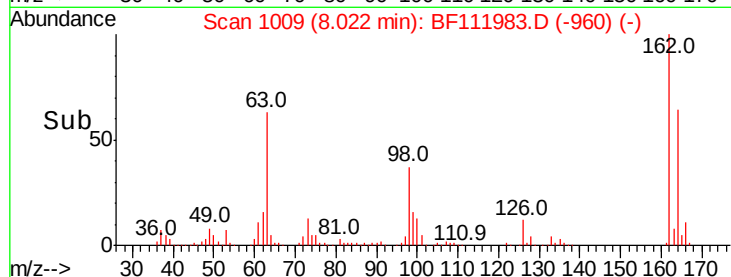
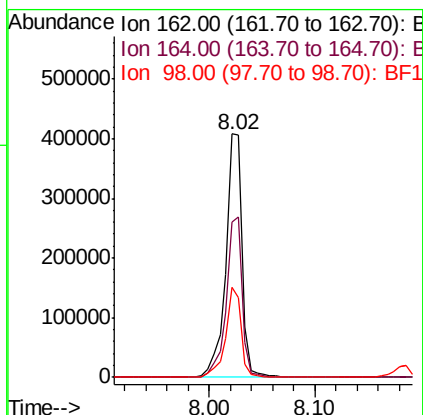
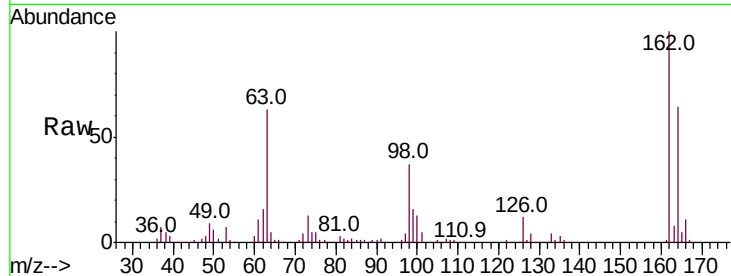




#29
 2,4-Dichlorophenol
 Concen: 43.061 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

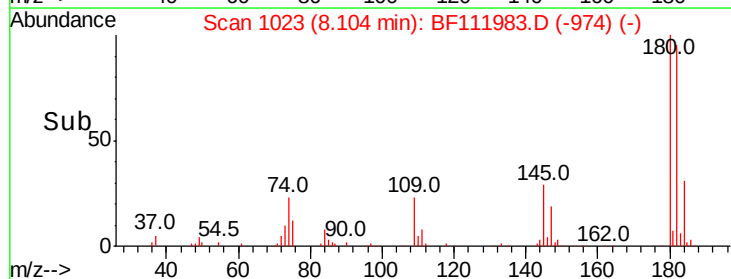
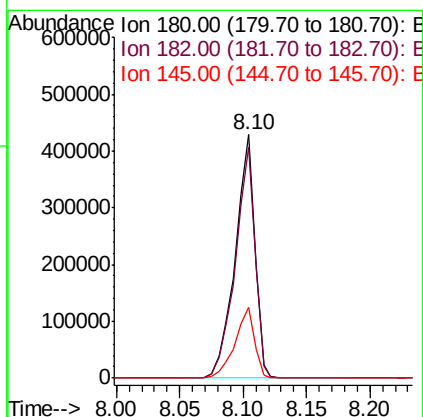
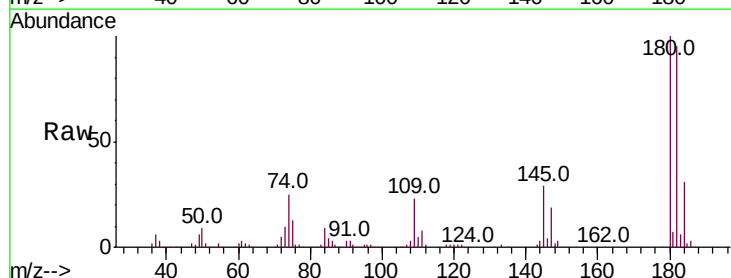
Instrument :
 BNA_F
 ClientSampled :

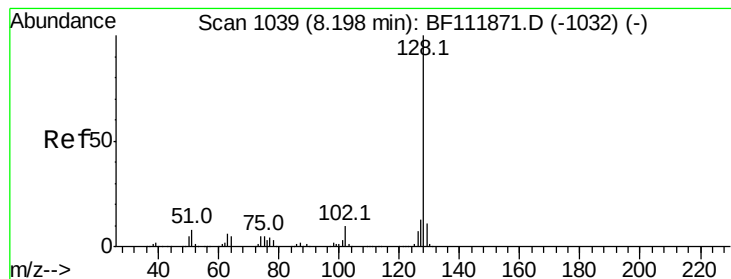
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.1	82.1
98	36.9	17.2	57.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.972 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	29.1	23.4	35.2





#31

Naphthalene

Concen: 43.616 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

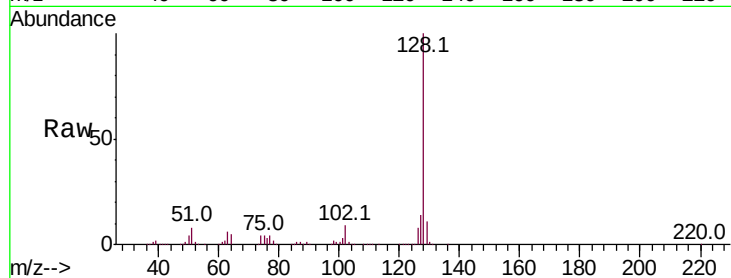
Tot Ion:128 Resp: 1350100

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

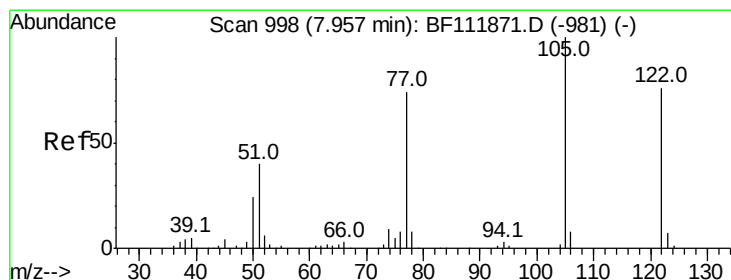
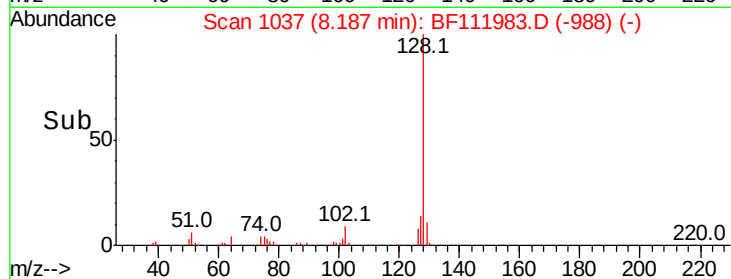
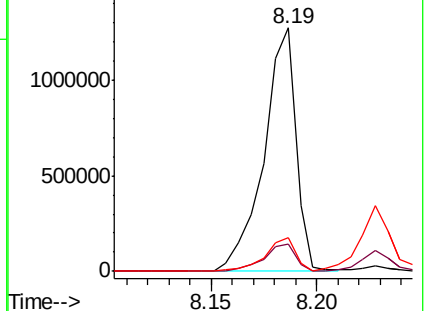
127 13.7 10.7 16.1



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: 29.461 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

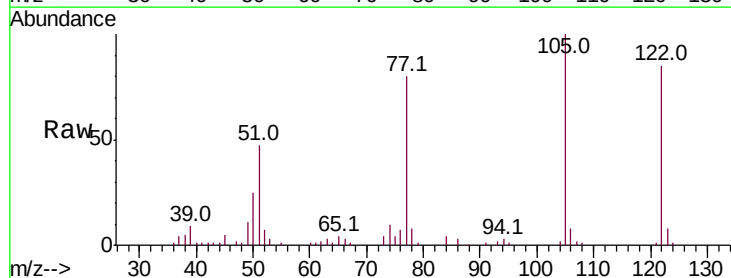
Tgt Ion:122 Resp: 167986

Ion Ratio Lower Upper

122 100

105 118.1 107.9 147.9

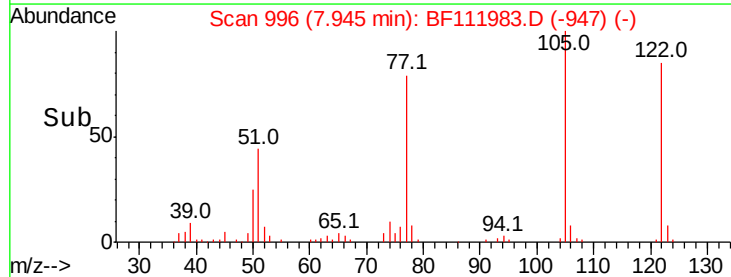
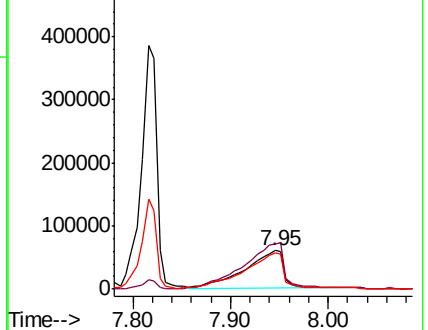
77 94.4 76.6 116.6

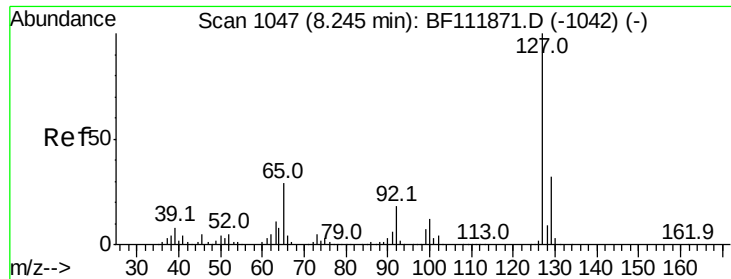


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

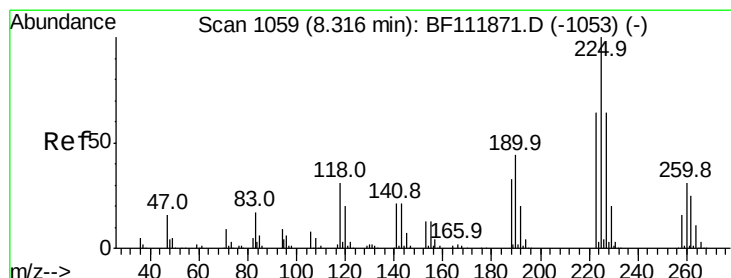
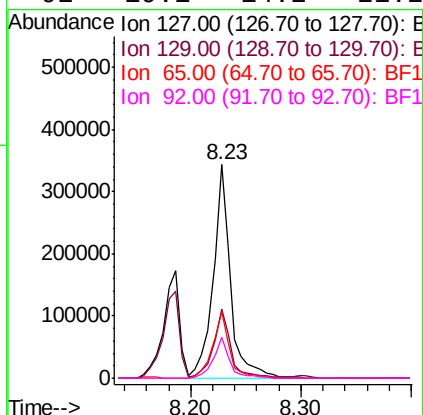
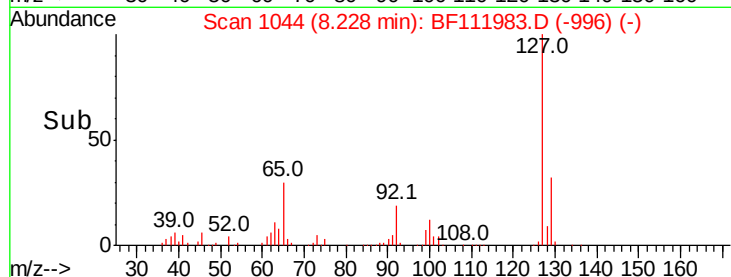
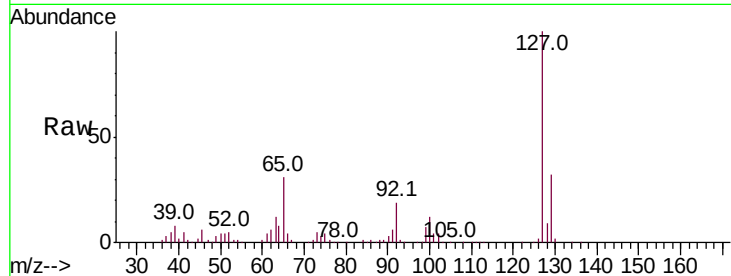




#33
4-Chloroaniline
Concen: 27.613 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

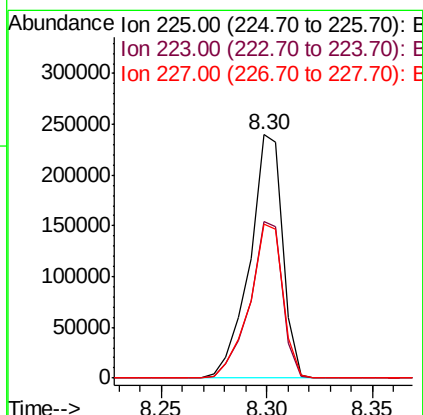
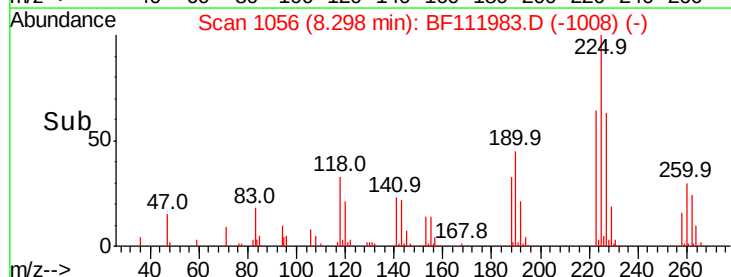
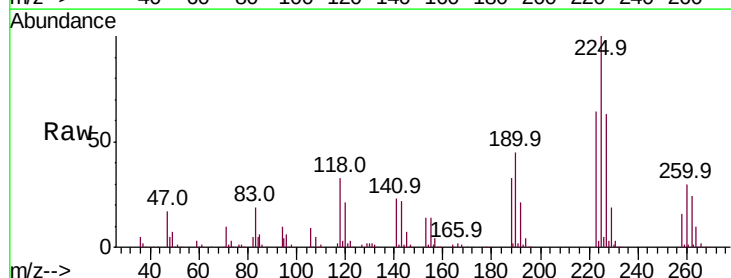
Instrument :
BNA_F
ClientSampled :

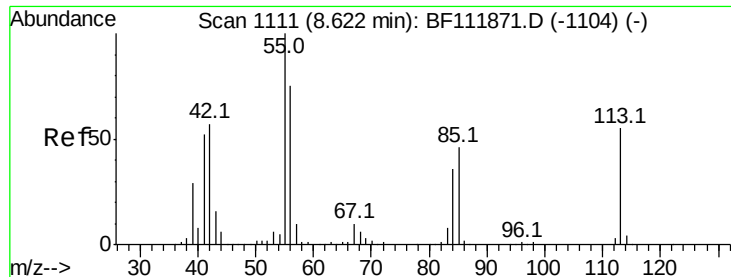
Tot Ion:	127	Resp:	369480
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	31.3	23.5	35.3
92	19.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 37.508 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:	225	Resp:	260265
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	63.1	51.4	77.0

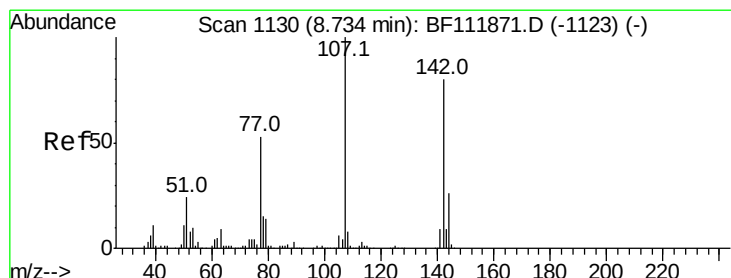
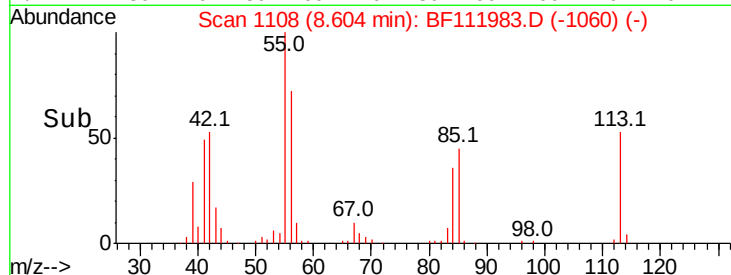
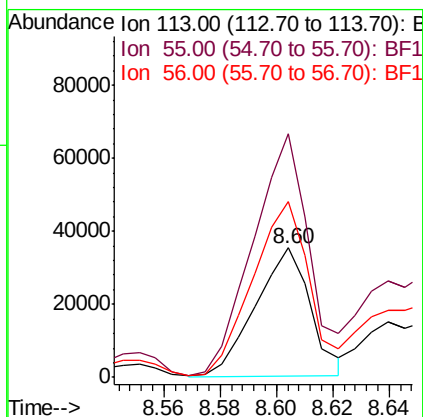
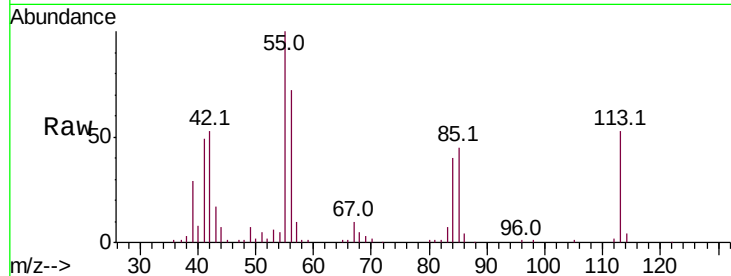




#35
 Caprolactam
 Concen: 14.463 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

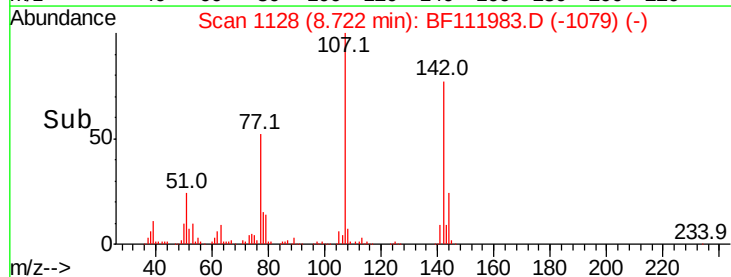
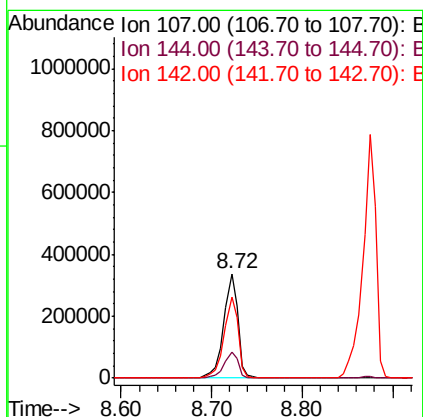
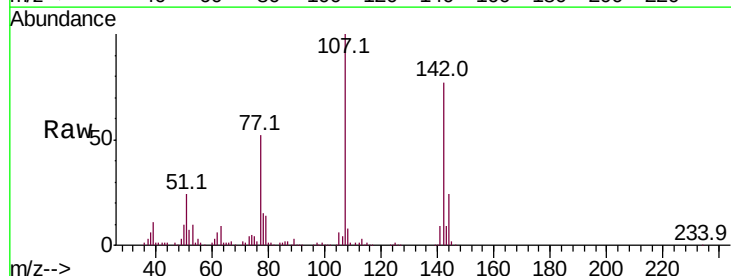
Instrument :
 BNA_F
 ClientSampled :

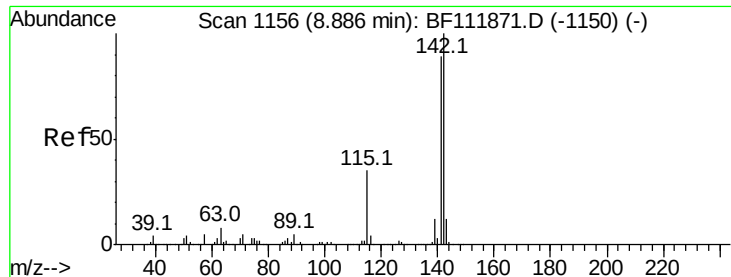
Tot Ion:113 Resp: 47743
 Ion Ratio Lower Upper
 113 100
 55 188.5 162.0 202.0
 56 135.7 116.0 156.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.806 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion:107 Resp: 359695
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.7 31.1
 142 77.2 63.9 95.9





#37

2-Methylnaphthalene

Concen: 41.454 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

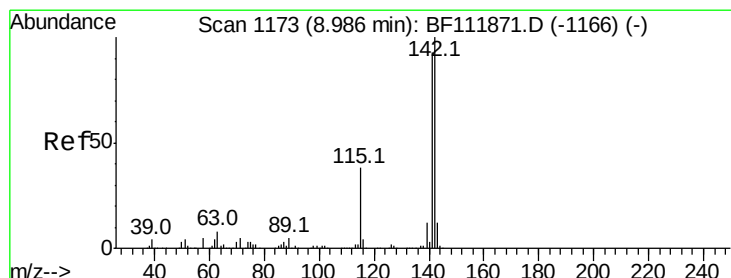
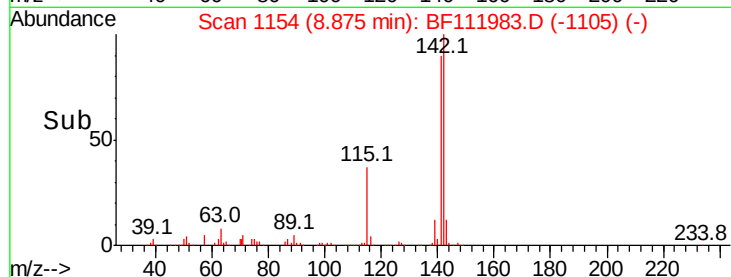
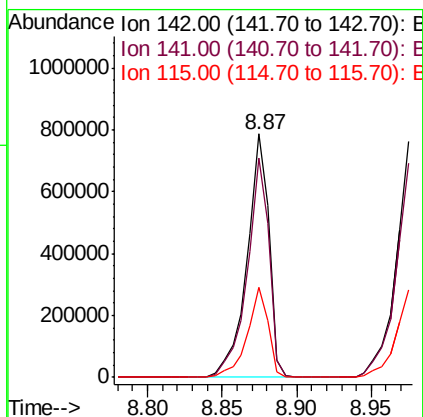
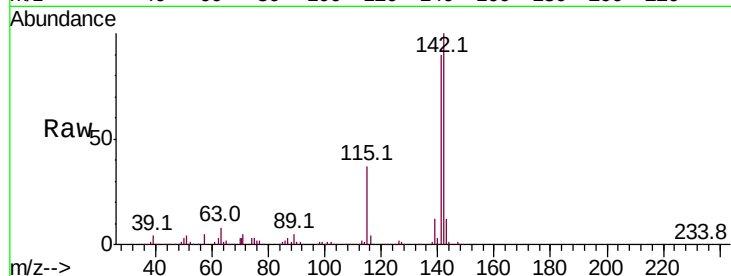
Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 795112

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	36.8	28.3	42.5



#38

1-Methylnaphthalene

Concen: 40.693 ng

RT: 8.97 min Scan# 1171

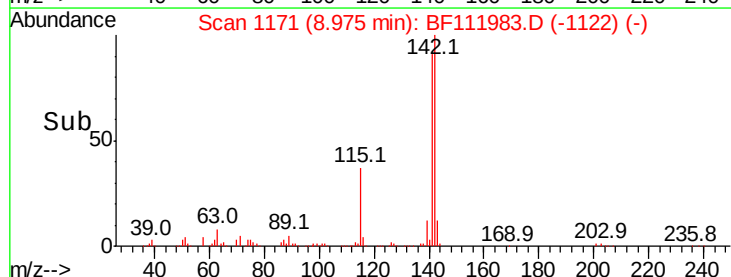
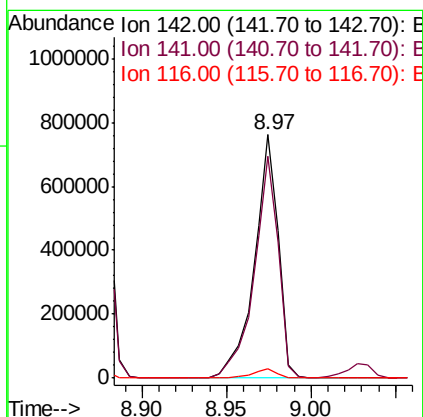
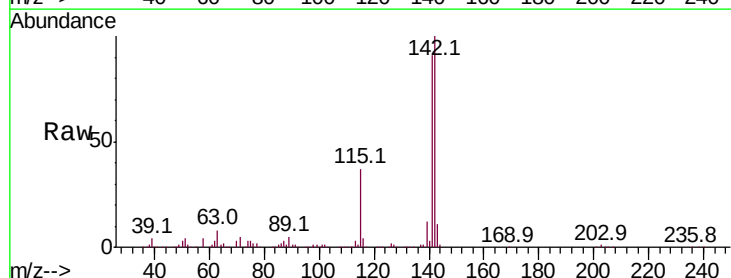
Delta R.T. -0.01 min

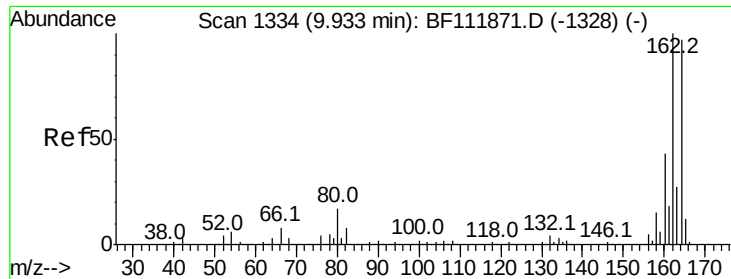
Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:142 Resp: 748607

Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.8	112.2
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

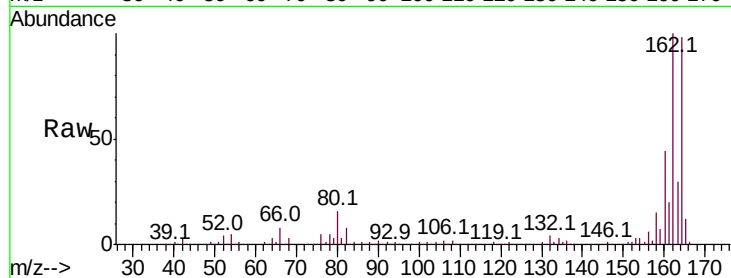
Tot Ion:164 Resp: 282841

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.2

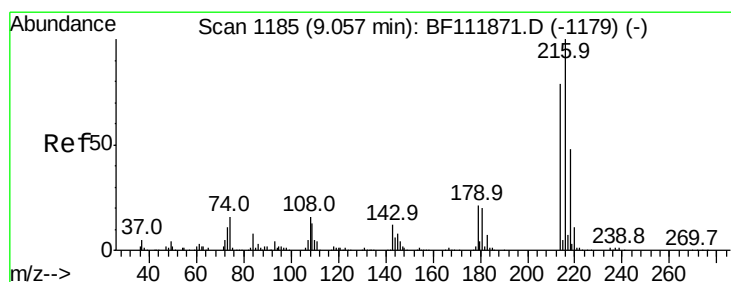
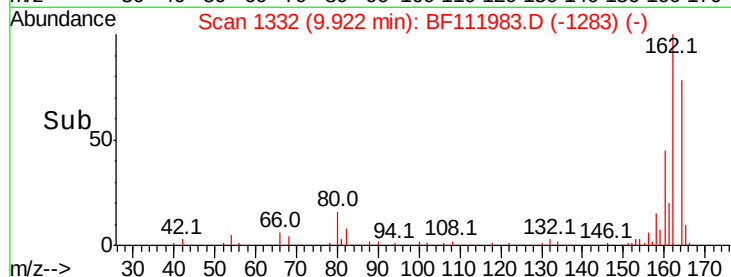
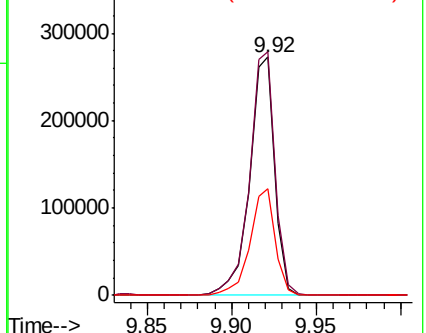
160 45.0 35.5 53.3



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: 41.464 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:216 Resp: 373883

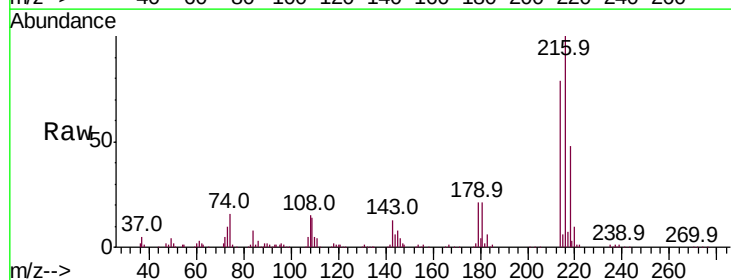
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.4 17.0 25.6

108 19.8 14.6 22.0

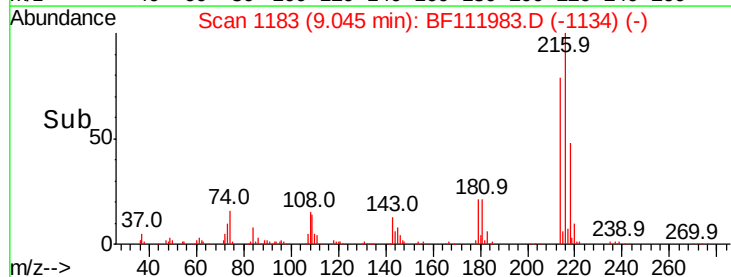
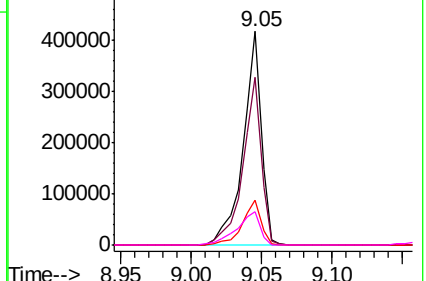


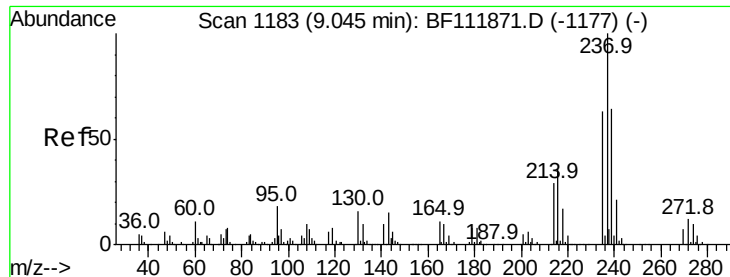
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 83.555 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

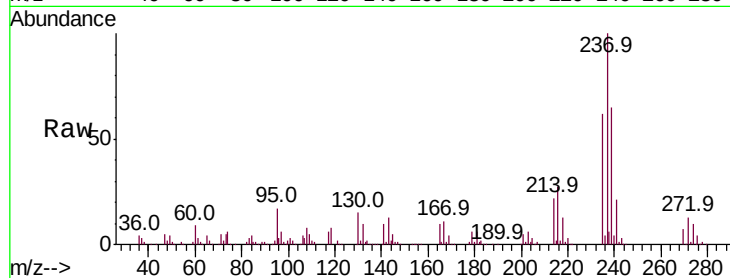
Tot Ion:237 Resp: 435629

Ion Ratio Lower Upper

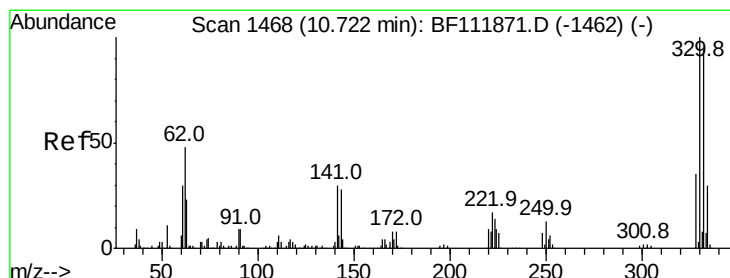
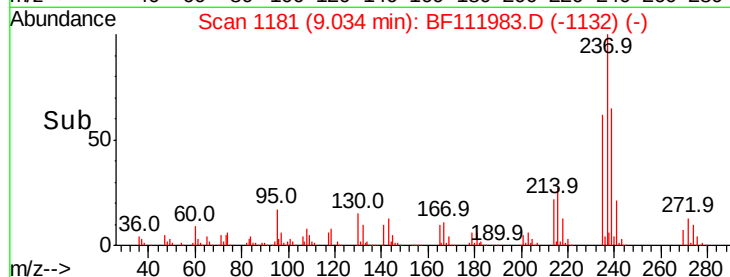
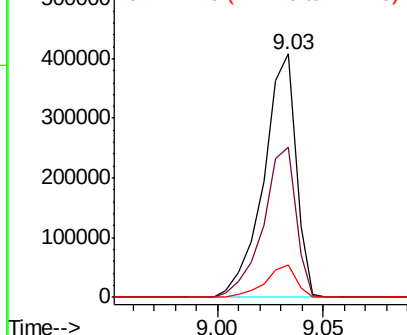
237 100

235 61.9 42.6 82.6

272 13.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.001 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

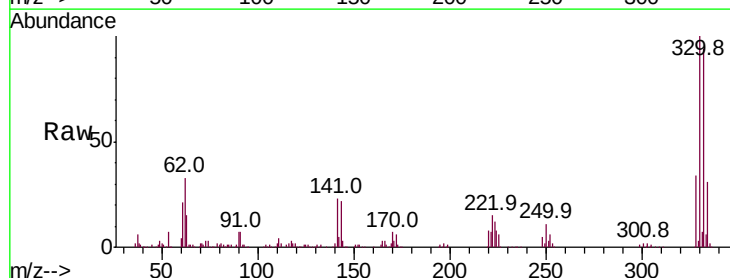
Tgt Ion:330 Resp: 434114

Ion Ratio Lower Upper

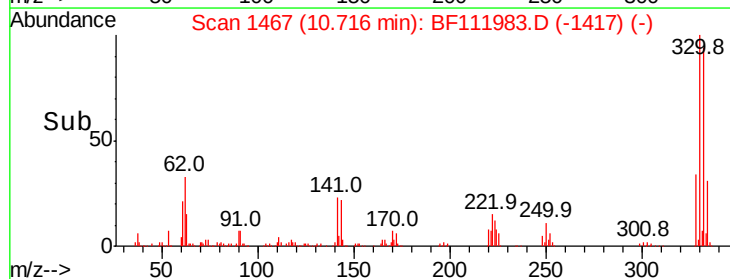
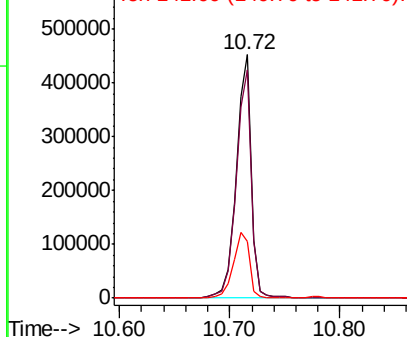
330 100

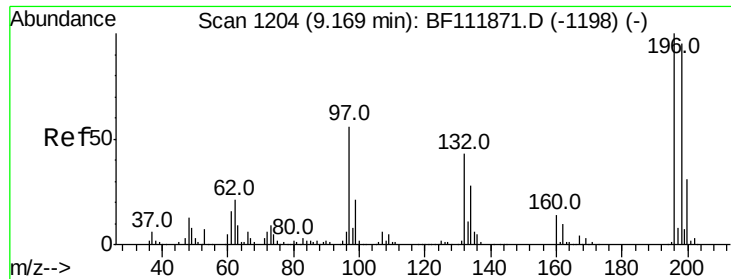
332 95.4 76.9 115.3

141 29.0 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

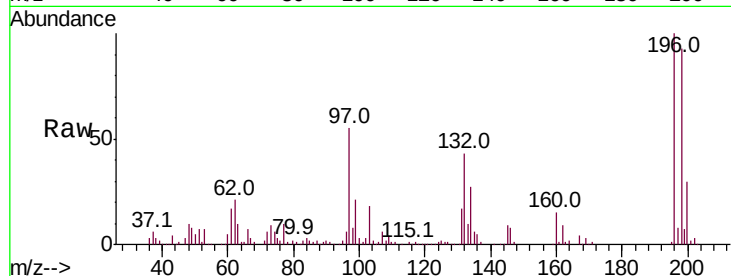




#43
 2,4,6-Trichlorophenol
 Concen: 41.741 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.8	113.8
200	29.8	24.5	36.7

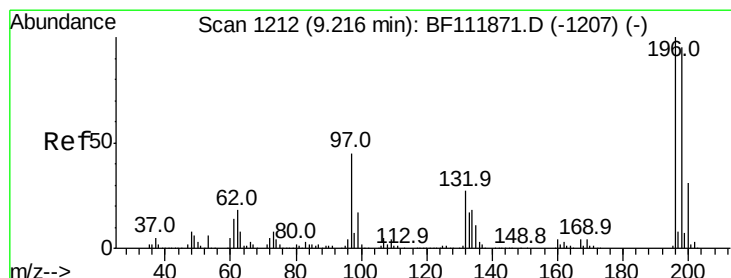
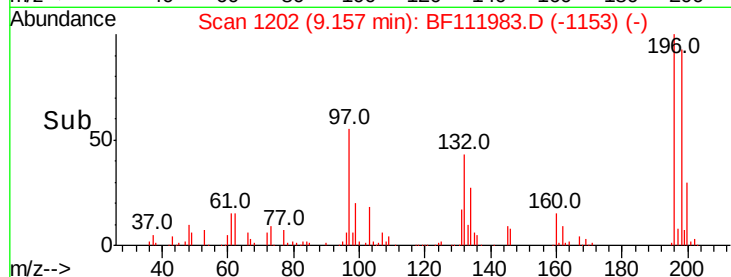
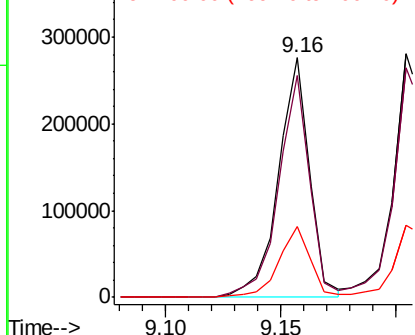


Abundance

Ion 196.00 (195.70 to 196.70): E

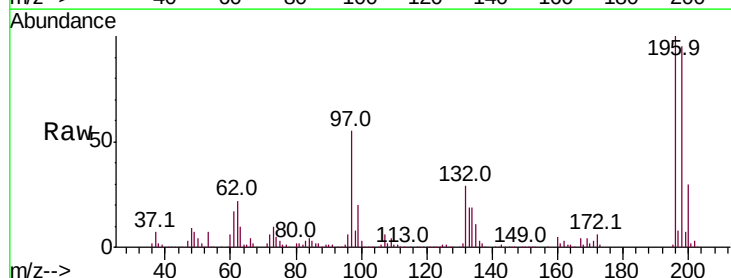
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.668 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	55.4	36.4	54.6
132	29.1	21.7	32.5



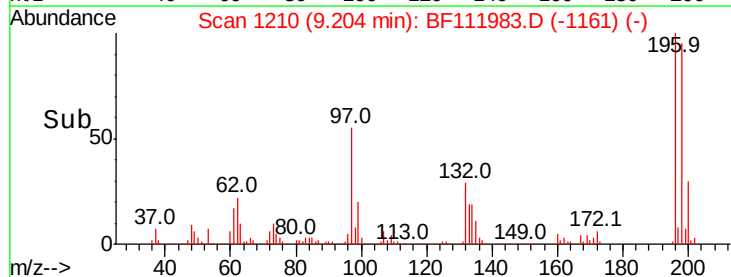
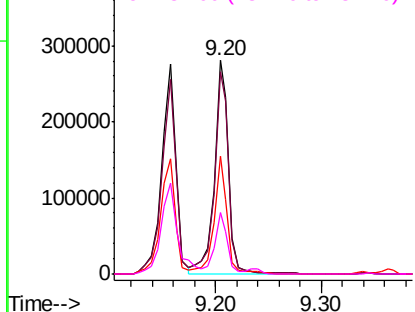
Abundance

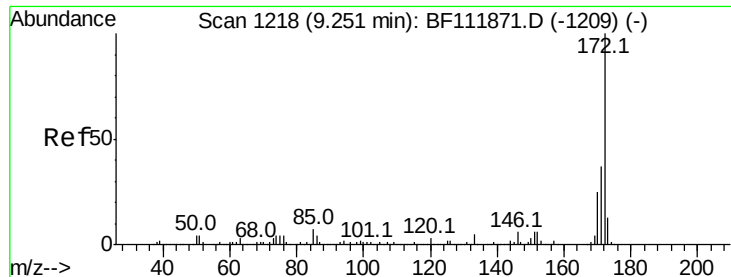
Ion 196.00 (195.70 to 196.70): E

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

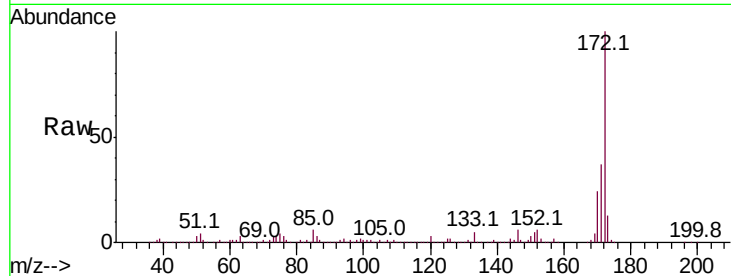




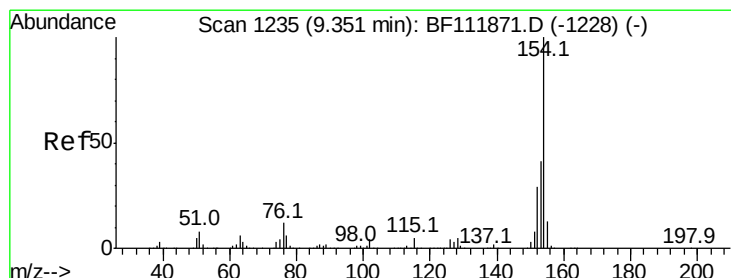
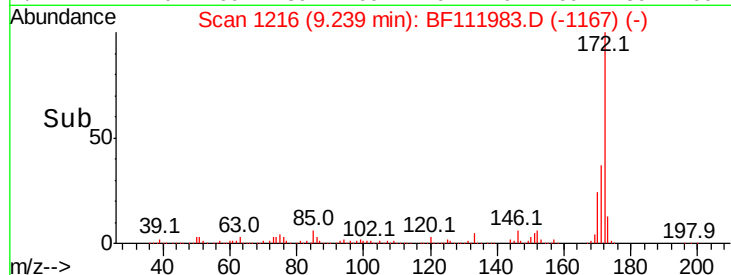
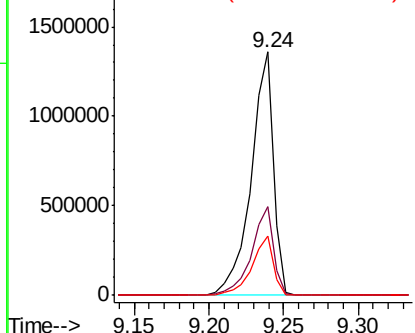
#45
2-Fluorobiphenyl
Concen: 72.140 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1399274
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.8 29.8

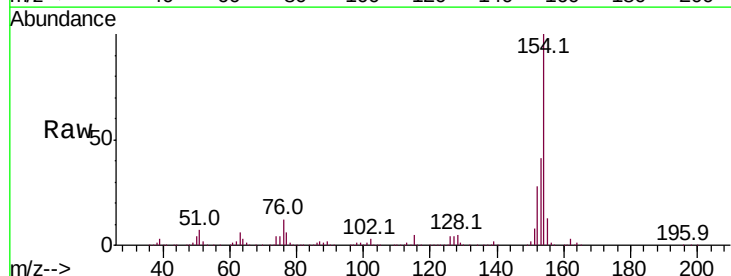


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

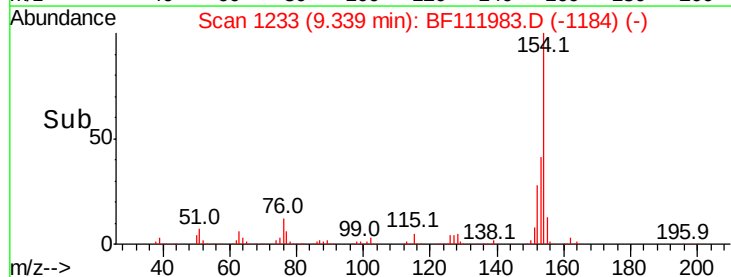
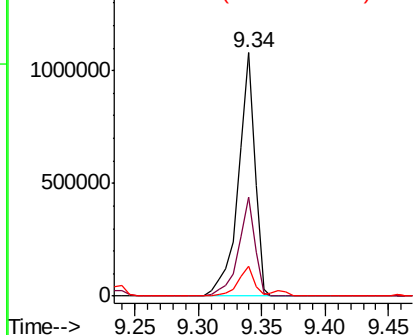


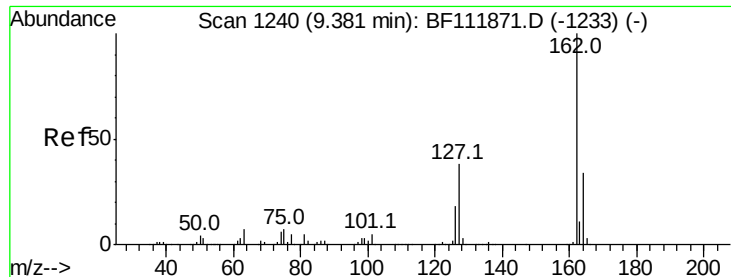
#46
1,1'-Biphenyl
Concen: 40.855 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:154 Resp: 966603
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 12.0 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

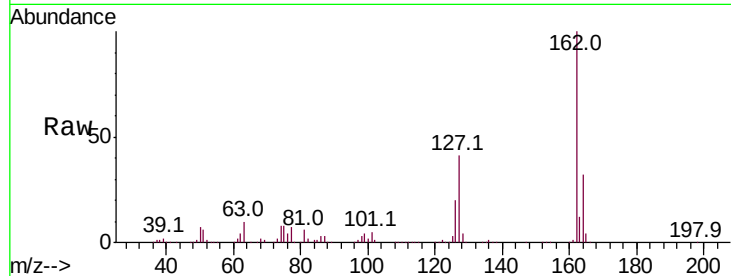




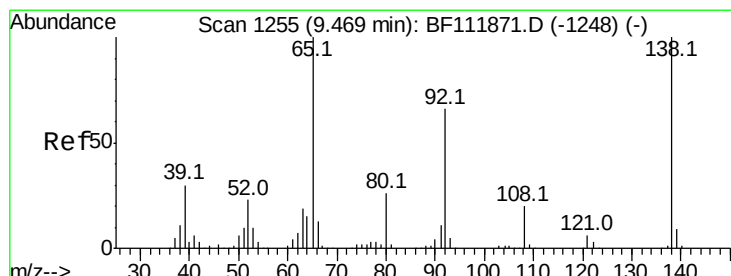
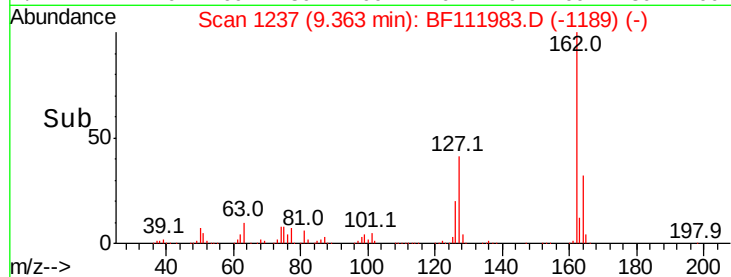
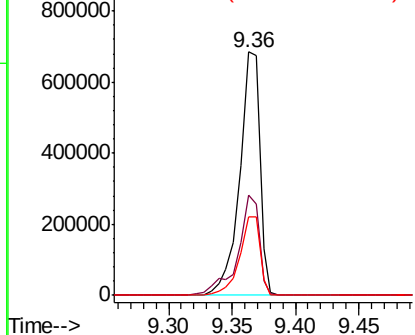
#47
 2-Chloronaphthalene
 Concen: 40.634 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 754511
 Ion Ratio Lower Upper
 162 100
 127 41.3 31.2 46.8
 164 32.4 27.0 40.6

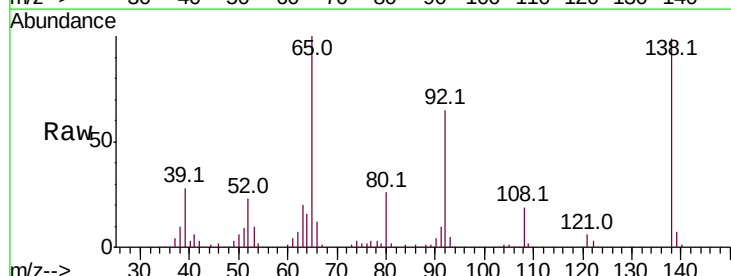


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

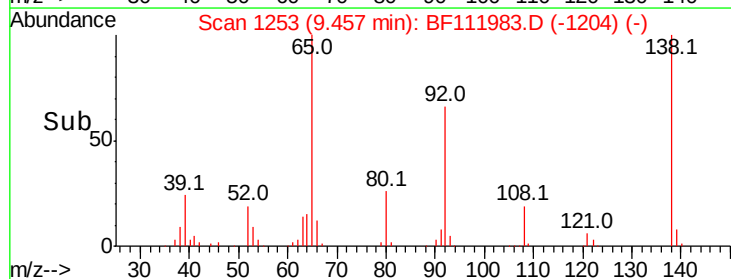
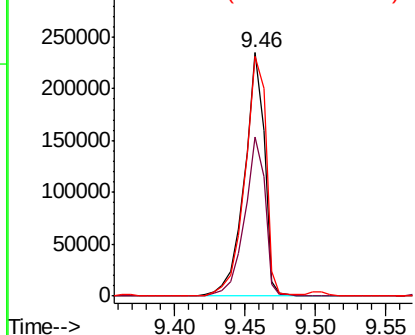


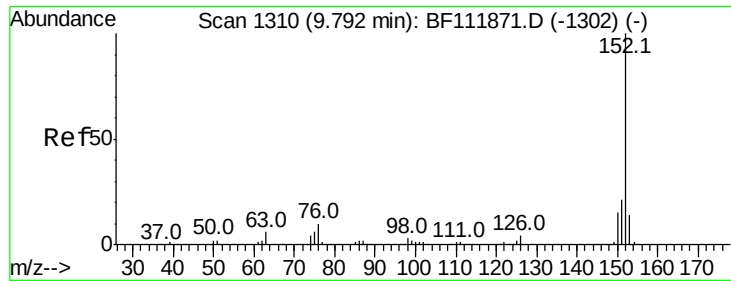
#48
 2-Nitroaniline
 Concen: 40.868 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion: 65 Resp: 232008
 Ion Ratio Lower Upper
 65 100
 92 65.1 52.5 78.7
 138 98.7 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): E





#49

Acenaphthylene

Concen: 43.768 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

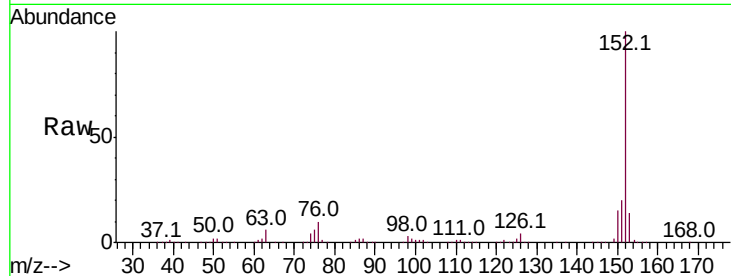
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1201534

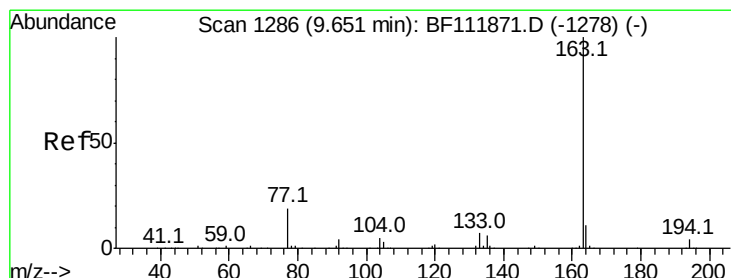
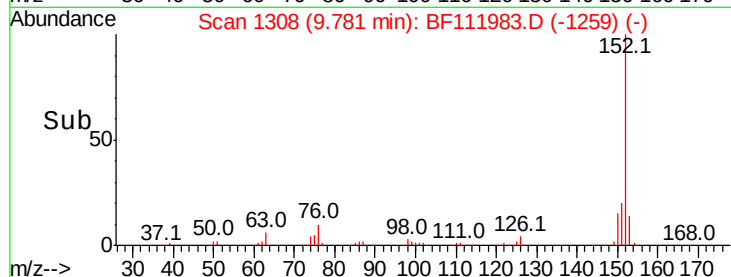
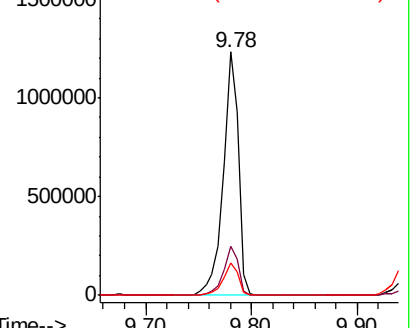
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.6	11.0	16.4



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: 41.497 ng

RT: 9.64 min Scan# 1284

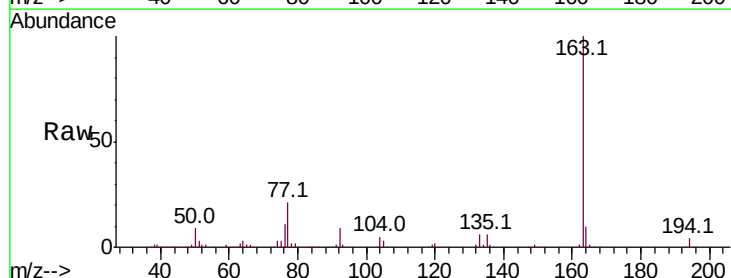
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:163 Resp: 881688

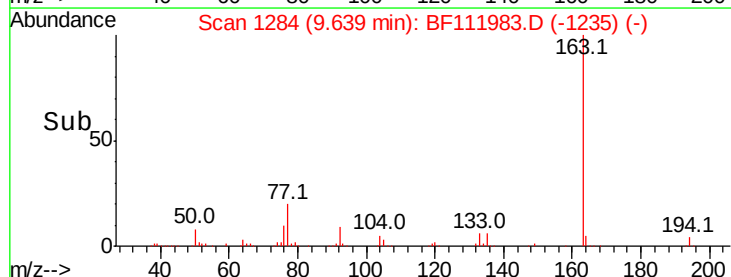
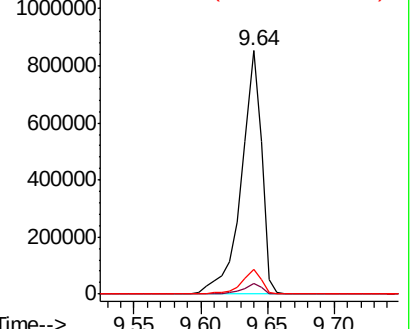
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.5	12.7

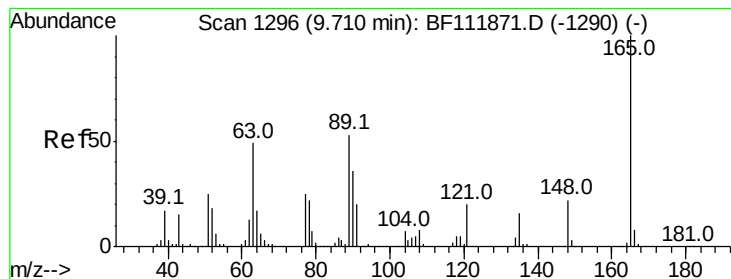


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.490 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

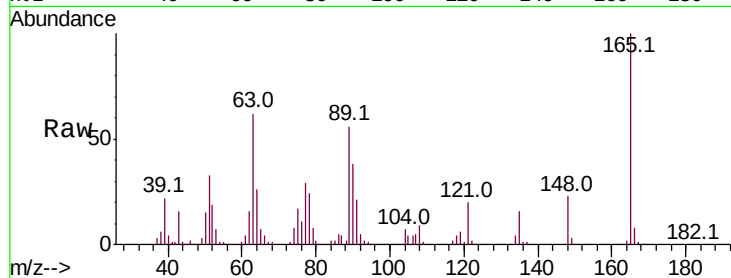
Tot Ion:165 Resp: 197134

Ion Ratio Lower Upper

165 100

63 61.6 46.2 69.2

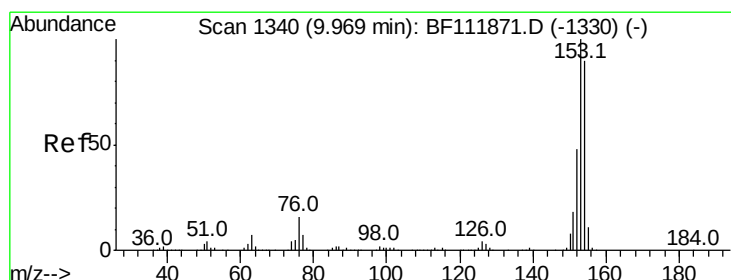
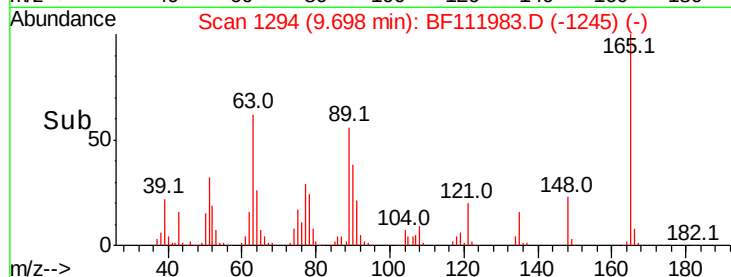
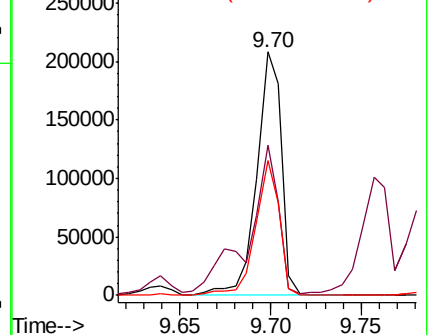
89 55.6 42.2 63.2



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: 39.038 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

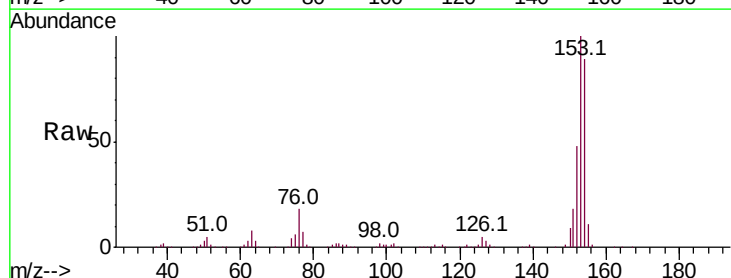
Tgt Ion:154 Resp: 690887

Ion Ratio Lower Upper

154 100

153 112.2 89.4 134.0

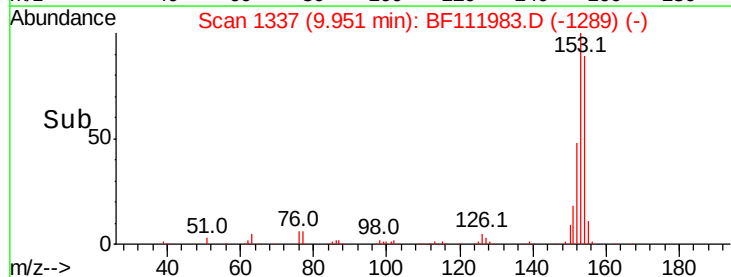
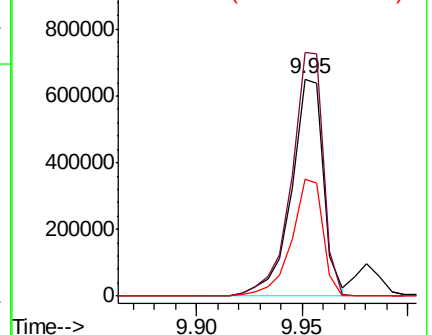
152 54.2 43.1 64.7

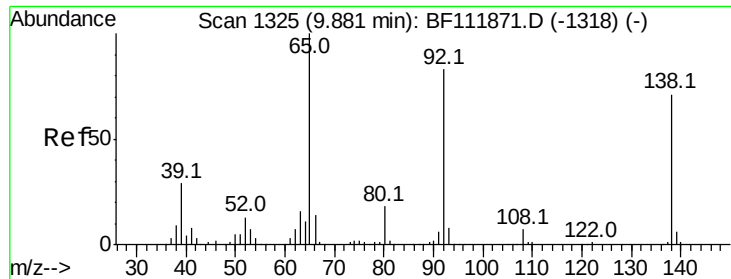


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

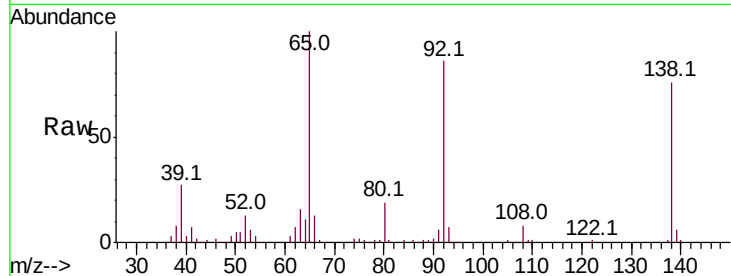




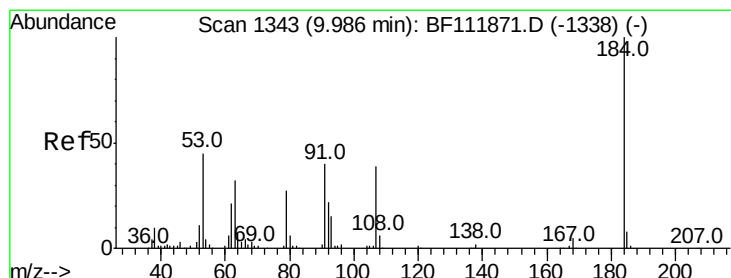
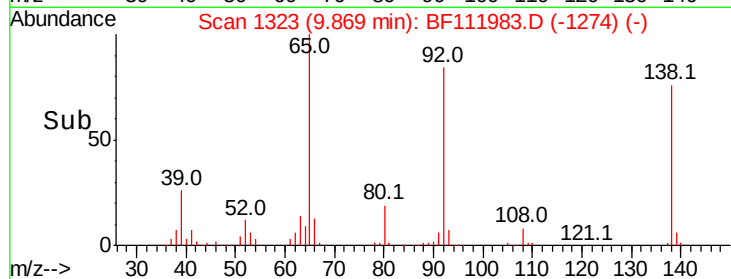
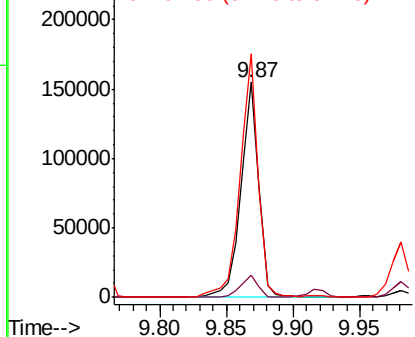
#53
3-Nitroaniline
Concen: 28.339 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 144192
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 113.3 93.5 140.3

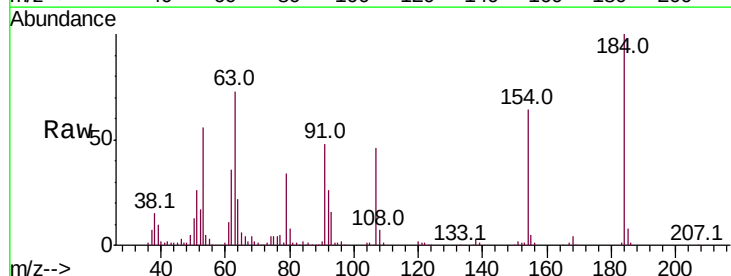


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

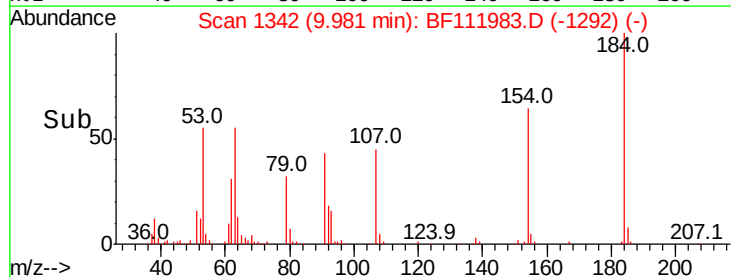
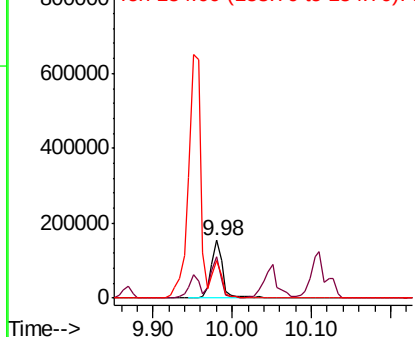


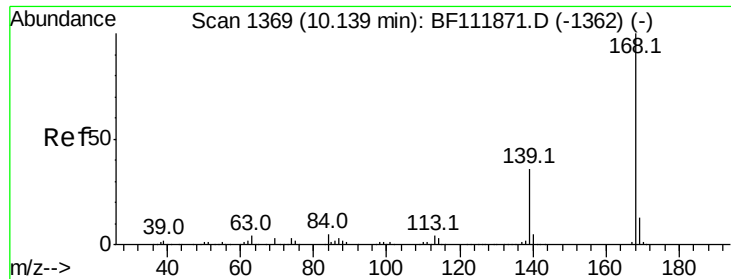
#54
2,4-Dinitrophenol
Concen: 77.170 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:184 Resp: 155257
Ion Ratio Lower Upper
184 100
63 72.7 46.9 70.3#
154 64.5 46.9 70.3



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

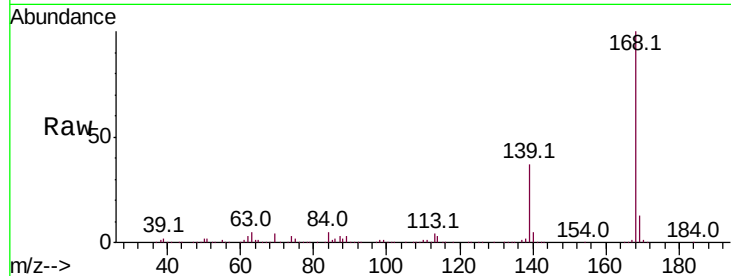




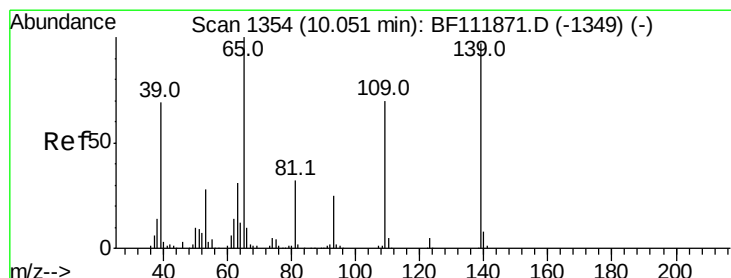
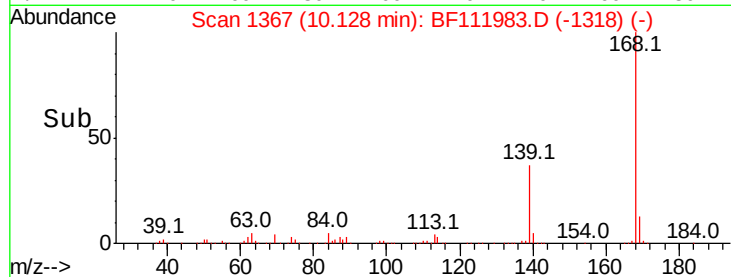
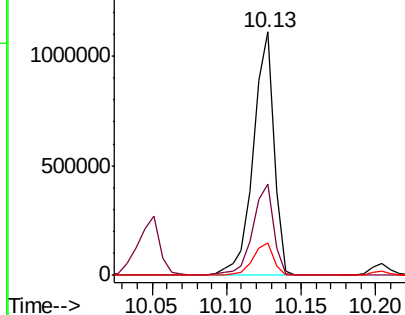
#55
Dibenzofuran
Concen: 41.068 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1057007
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.4 10.6 16.0

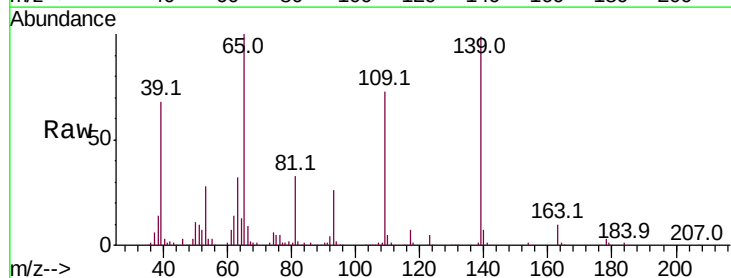


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

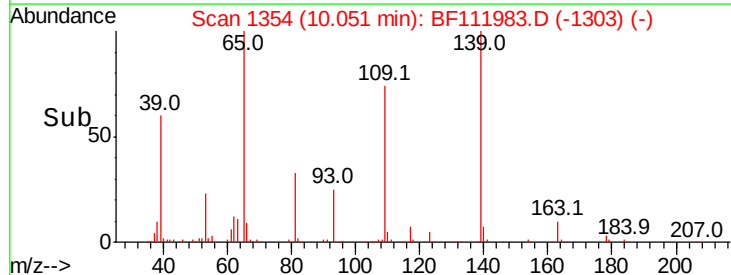
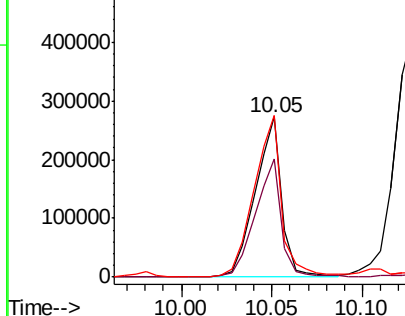


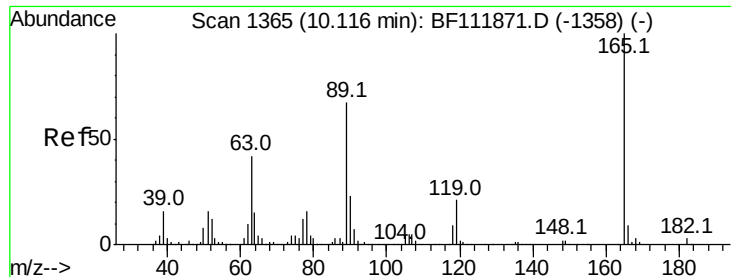
#56
4-Nitrophenol
Concen: 77.219 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:139 Resp: 277621
Ion Ratio Lower Upper
139 100
109 73.8 52.2 92.2
65 101.1 83.1 123.1



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

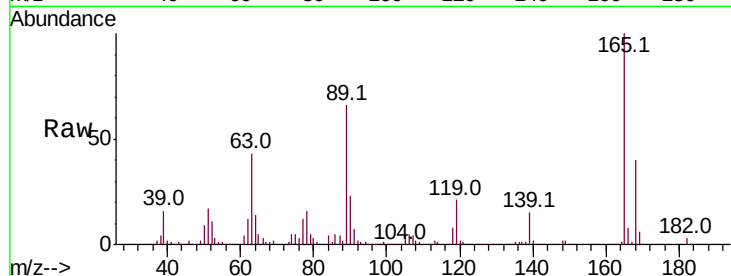




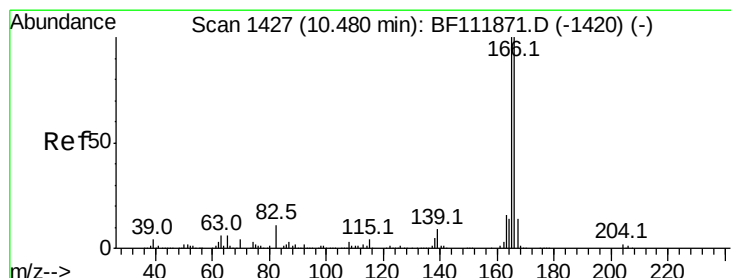
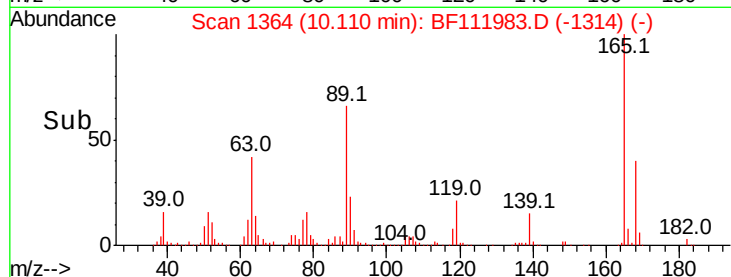
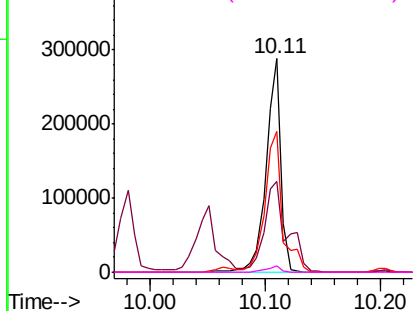
#57
2,4-Dinitrotoluene
Concen: 42.246 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	259364
Ion	Ratio	Lower Upper
165	100	
63	42.5	34.1 51.1
89	66.0	53.5 80.3
182	2.8	2.0 3.0

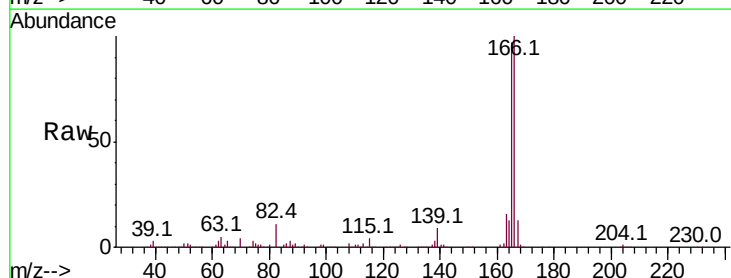


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

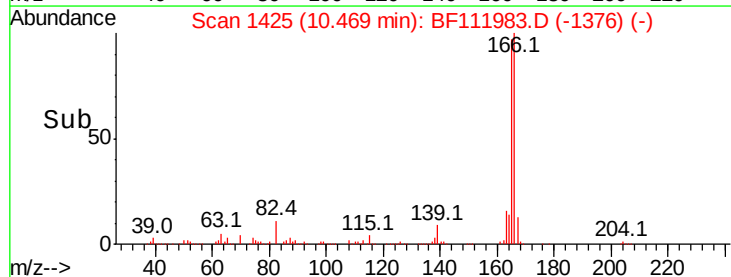
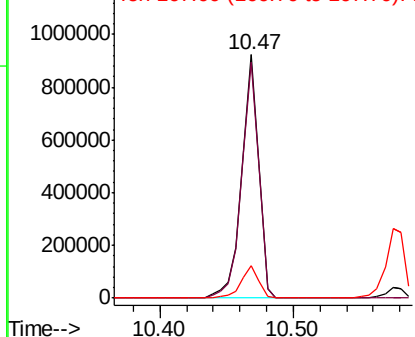


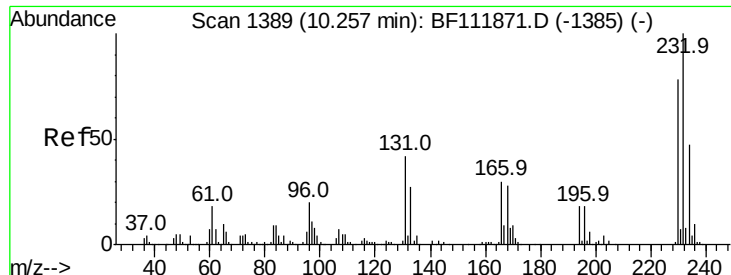
#58
Fluorene
Concen: 44.056 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:166	Resp:	825083
Ion	Ratio	Lower Upper
166	100	
165	97.0	79.7 119.5
167	13.3	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

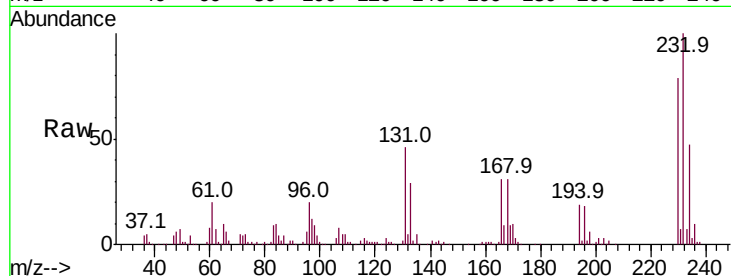




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.634 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	34.0	51.0
130	2.0	1.6	2.4
166	29.5	23.4	35.0



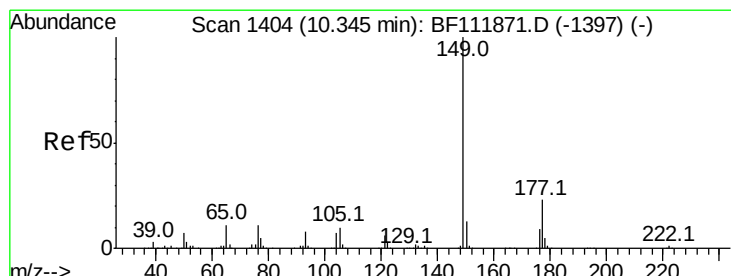
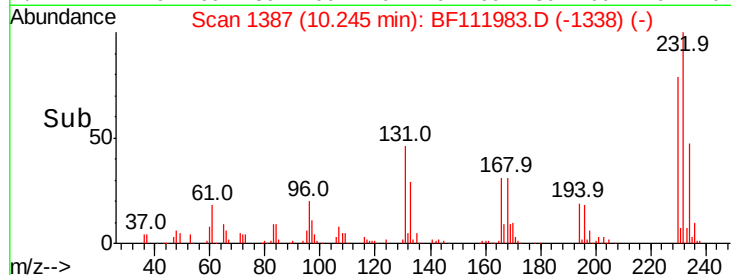
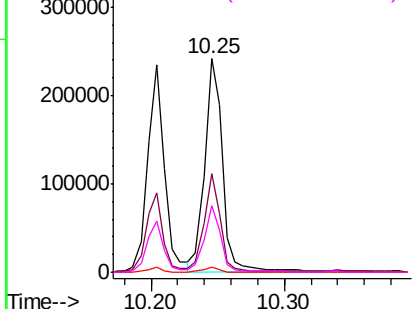
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

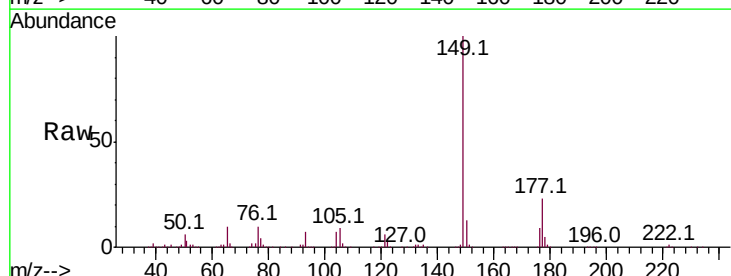
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.640 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.6	10.2	15.4

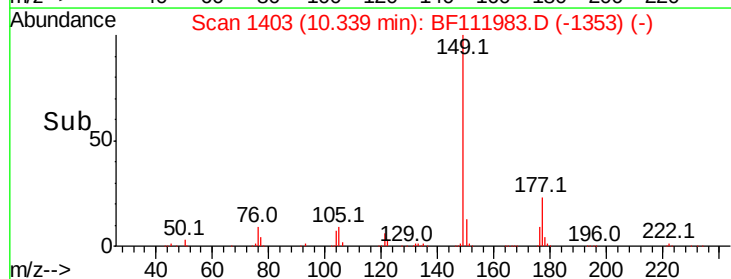
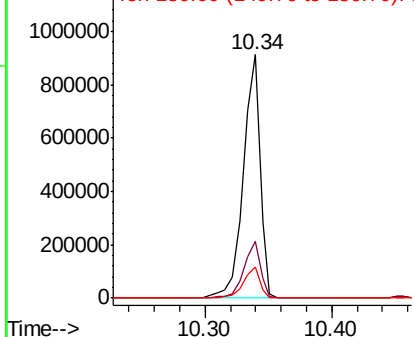


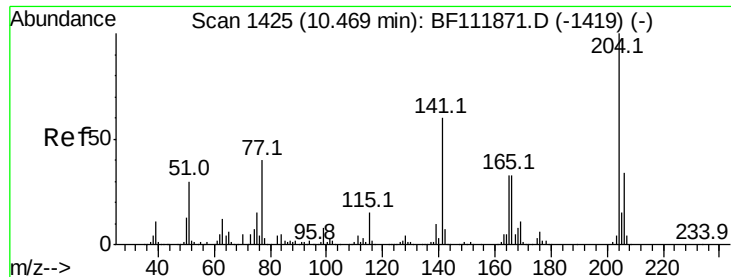
Abundance

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: 38.721 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

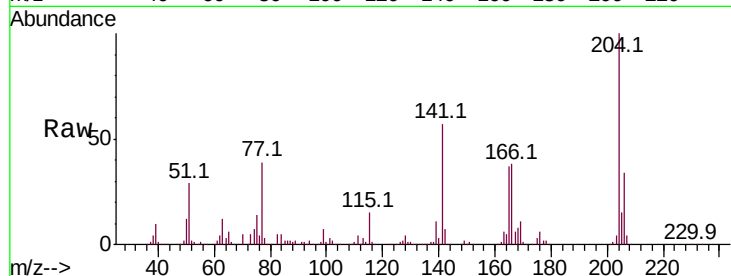
Tot Ion:204 Resp: 406658

Ion Ratio Lower Upper

204 100

206 34.1 26.9 40.3

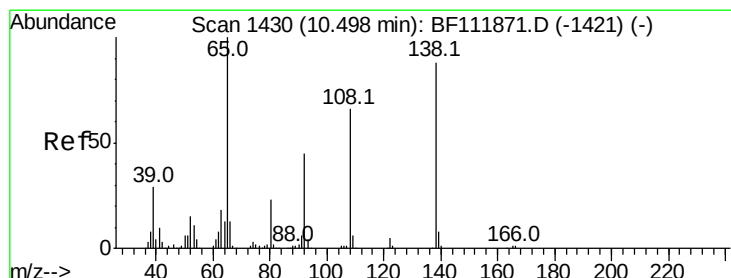
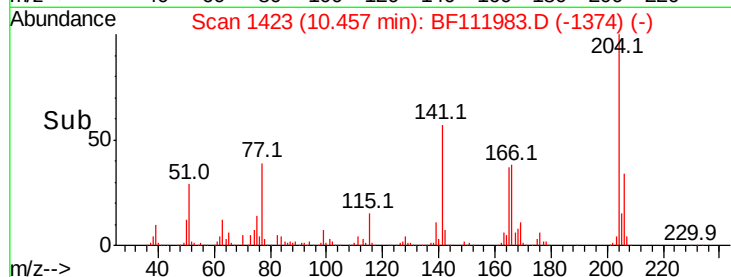
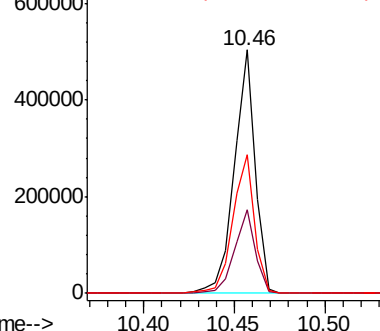
141 57.1 47.9 71.9



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: 40.384 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

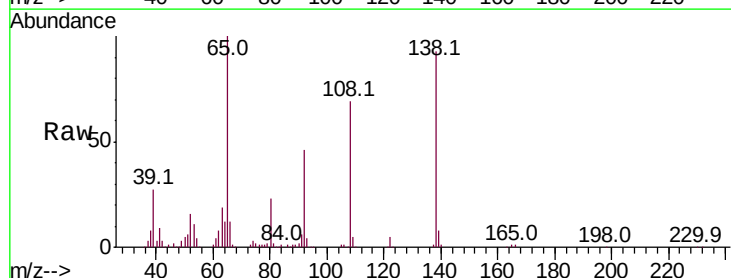
Tgt Ion:138 Resp: 194902

Ion Ratio Lower Upper

138 100

92 48.8 31.0 71.0

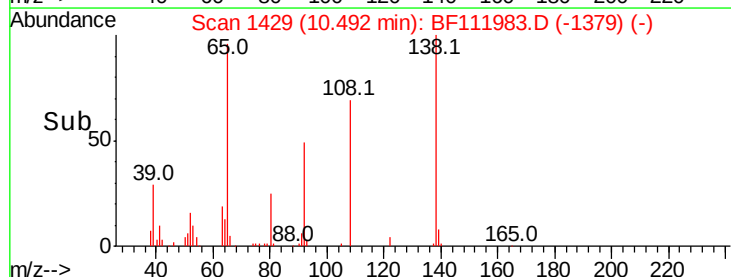
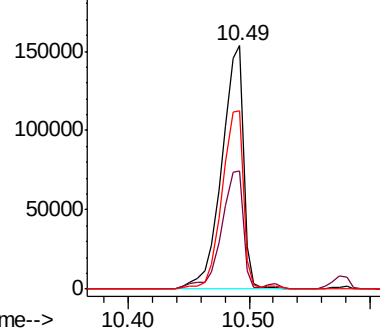
108 73.5 54.7 94.7

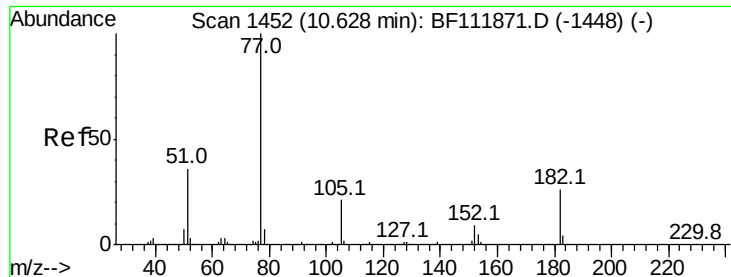


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.179 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 808867

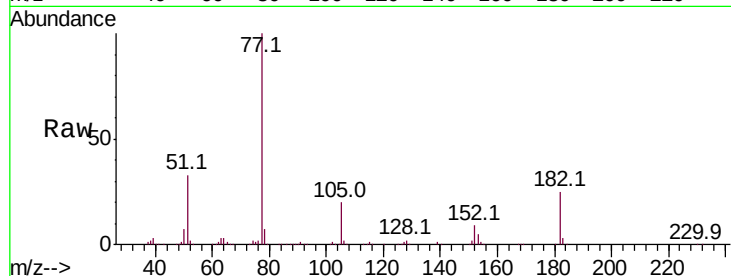
Ion Ratio Lower Upper

77 100

182 24.8 5.7 45.7

105 20.5 0.8 40.8

51 33.3 15.6 55.6

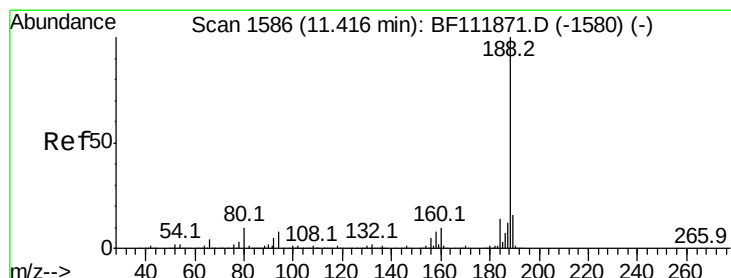
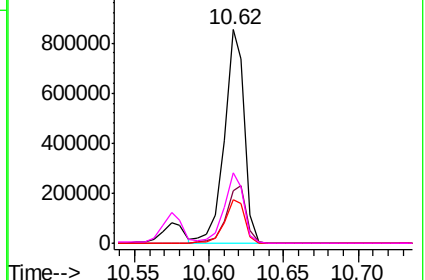
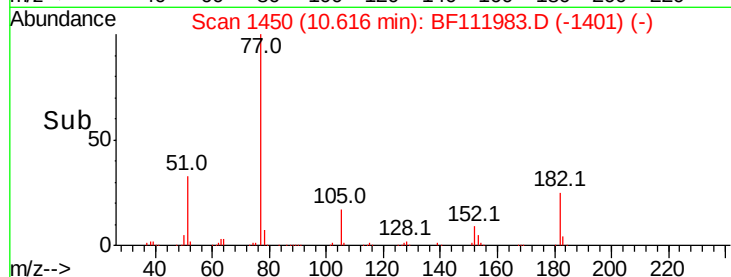


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

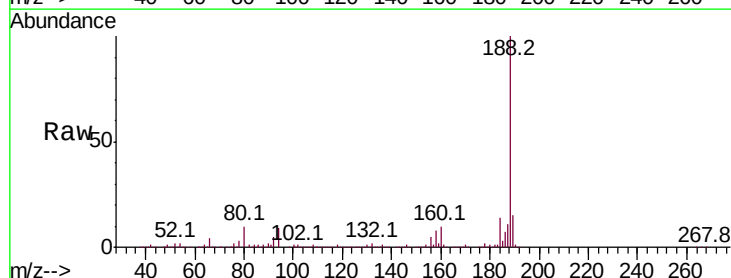
Tgt Ion: 188 Resp: 642982

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

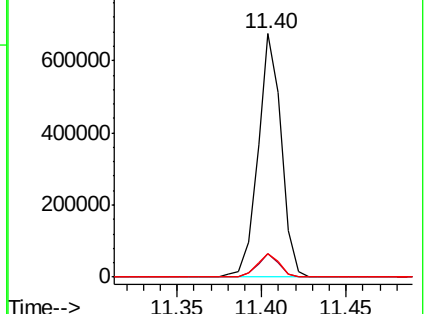
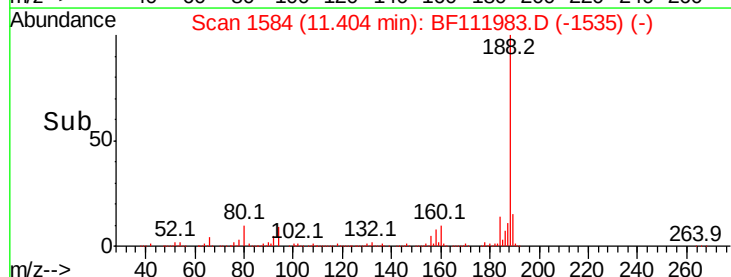
80 9.7 7.7 11.5

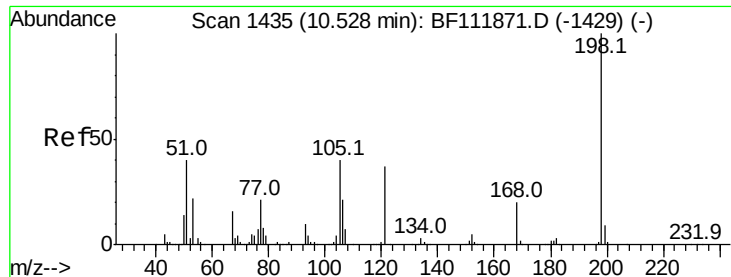


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

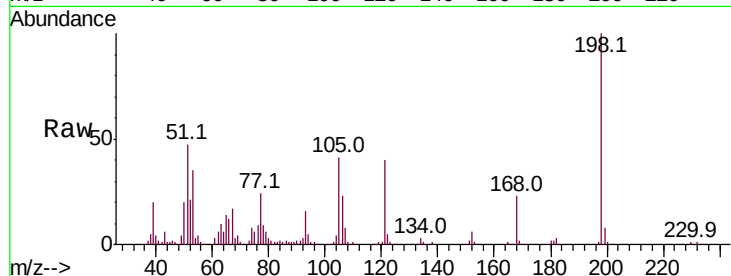




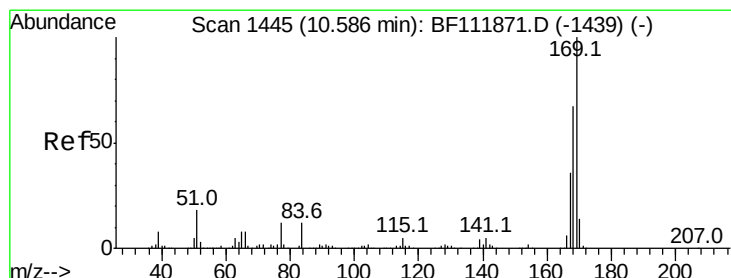
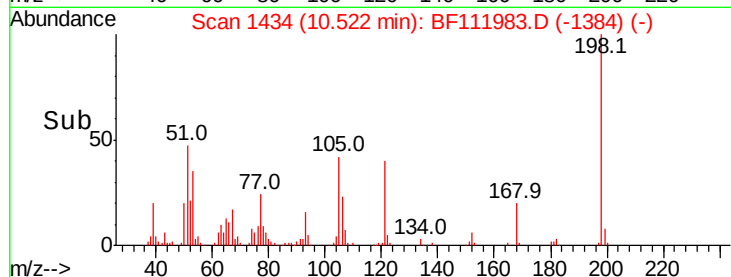
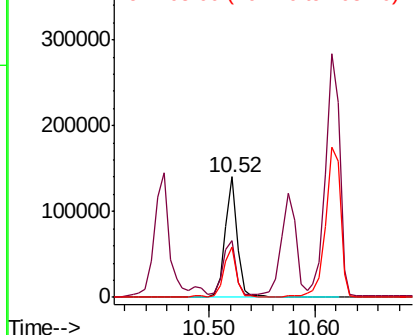
#65
4,6-Dinitro-2-methylphenol
Concen: 28.600 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 113468
Ion Ratio Lower Upper
198 100
51 47.4 27.2 67.2
105 41.3 21.0 61.0

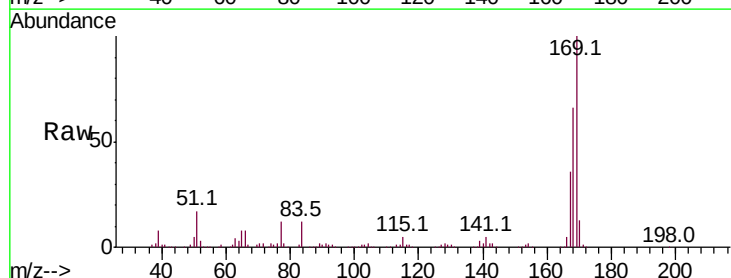


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

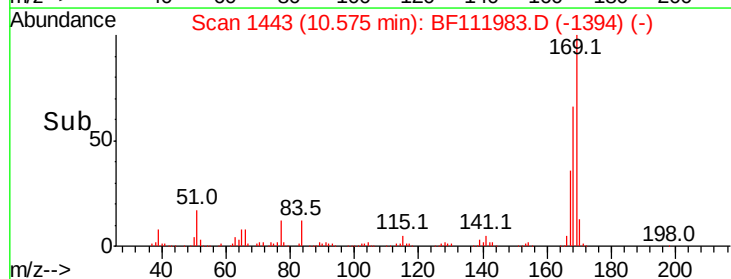
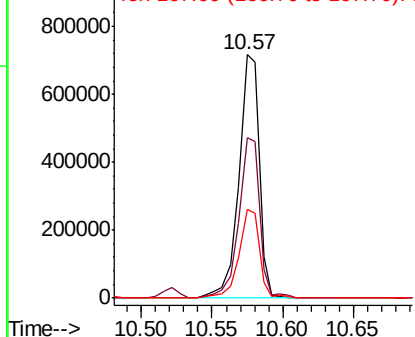


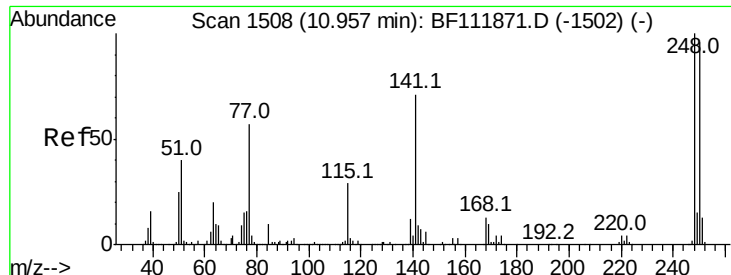
#66
n-Nitrosodiphenylamine
Concen: 33.360 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:169 Resp: 719804
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.5 29.1 43.7



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

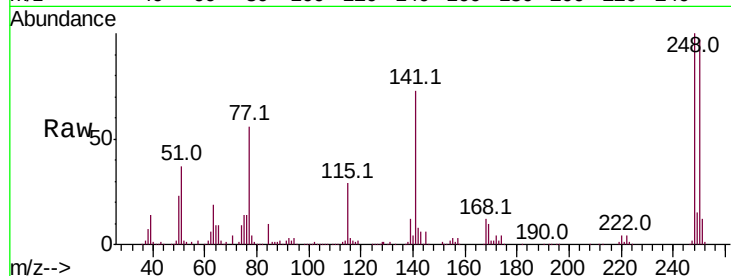




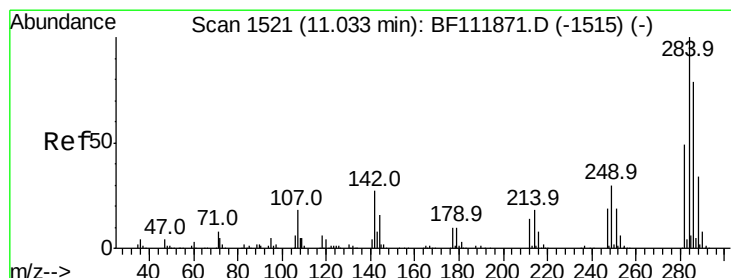
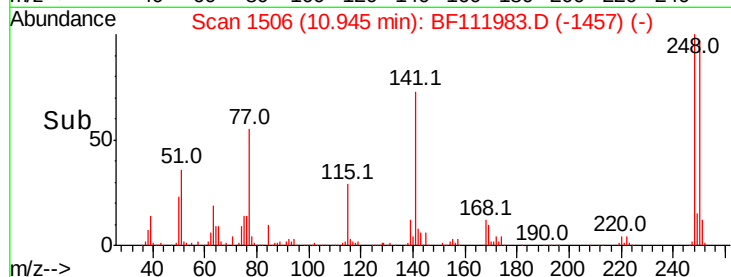
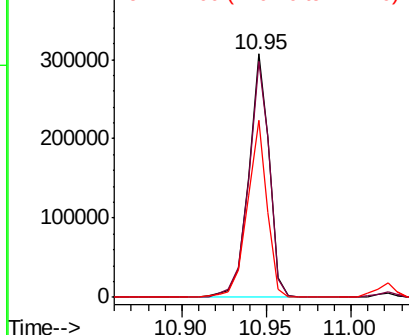
#67
4-Bromophenyl-phenylether
Concen: 31.251 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 260258
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 72.8 57.0 85.6

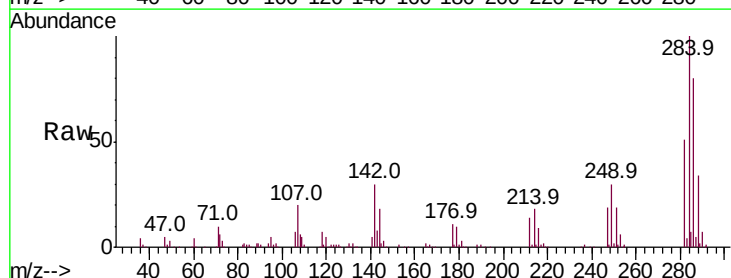


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

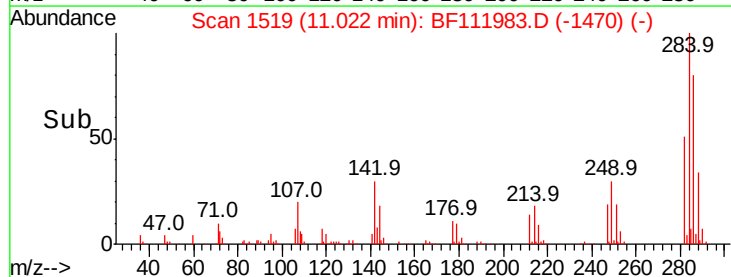
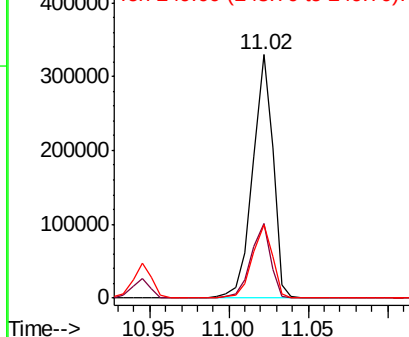


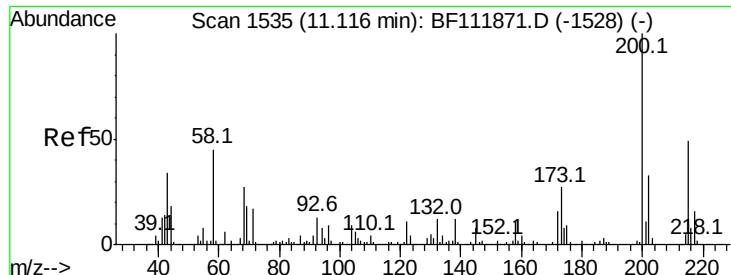
#68
Hexachlorobenzene
Concen: 31.729 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:284 Resp: 292845
Ion Ratio Lower Upper
284 100
142 30.5 21.8 32.6
249 30.3 23.8 35.6



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

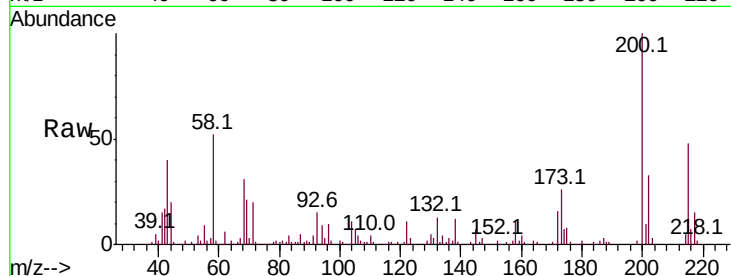




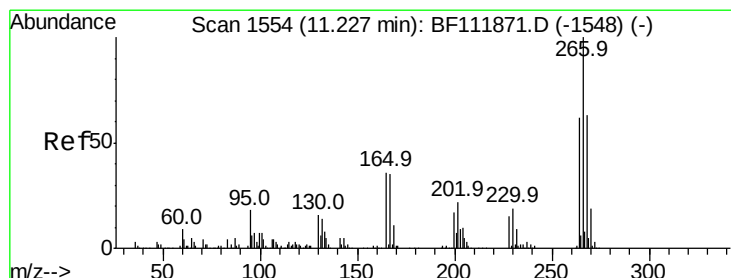
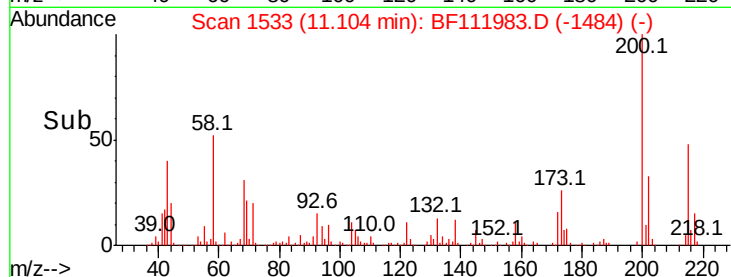
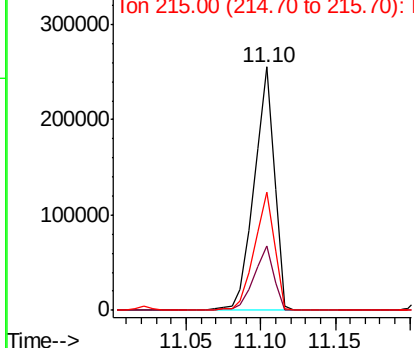
#69
Atrazine
Concen: 31.448 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 238406
Ion Ratio Lower Upper
200 100
173 26.3 6.6 46.6
215 48.4 28.9 68.9

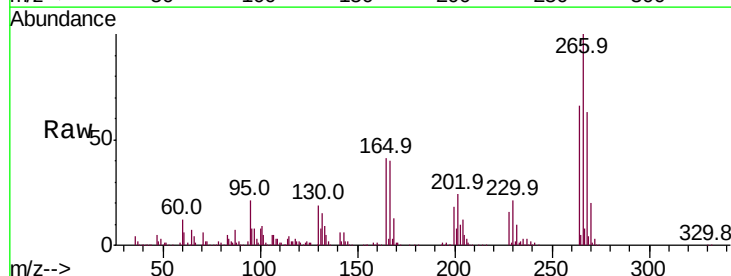


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

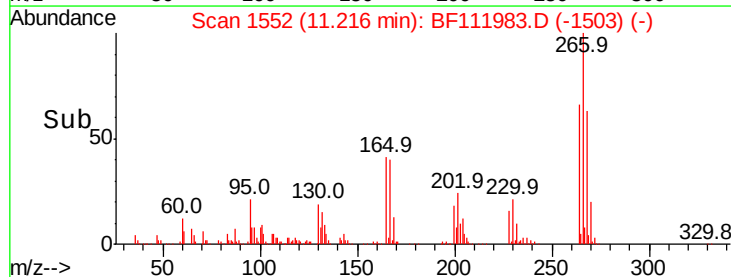
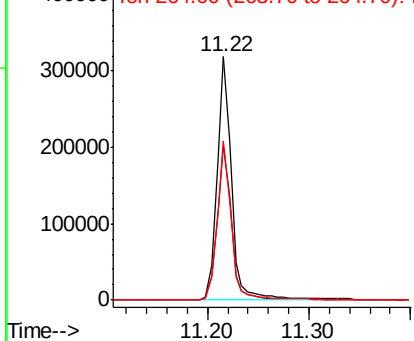


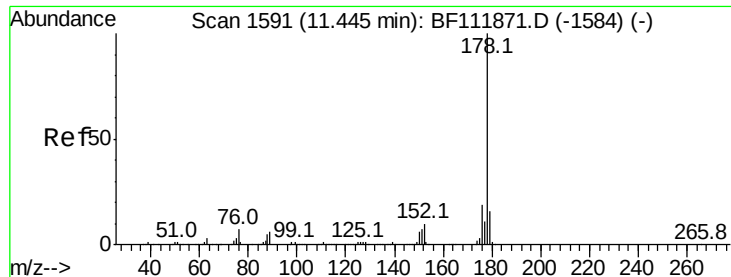
#70
Pentachlorophenol
Concen: 60.304 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:266 Resp: 316723
Ion Ratio Lower Upper
266 100
268 63.3 50.6 76.0
264 65.6 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

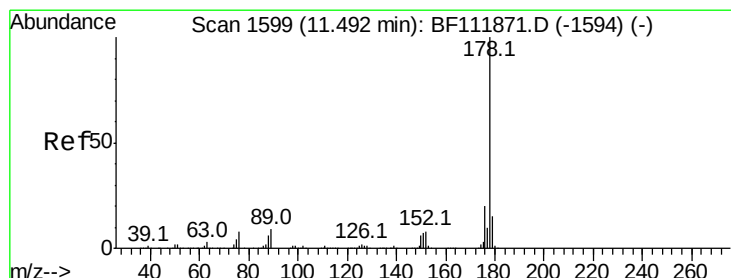
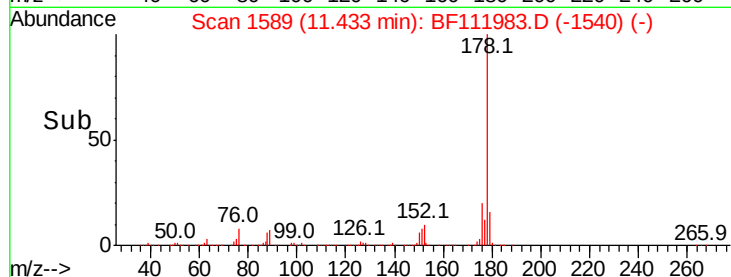
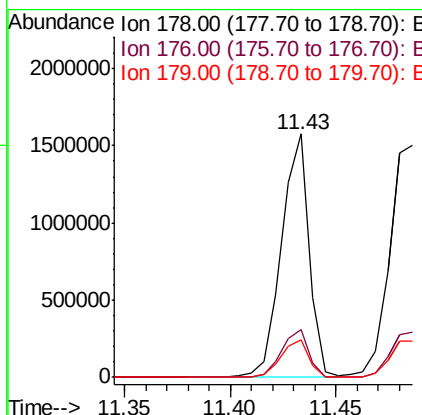
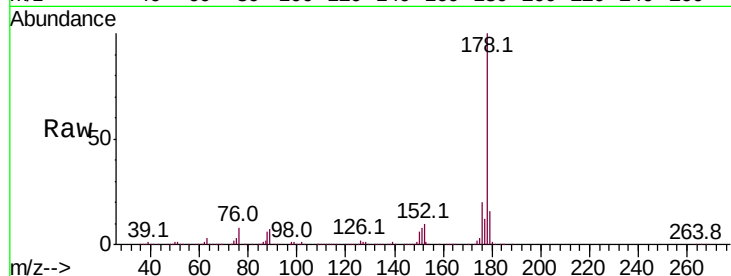




#71
Phenanthrene
Concen: 41.897 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

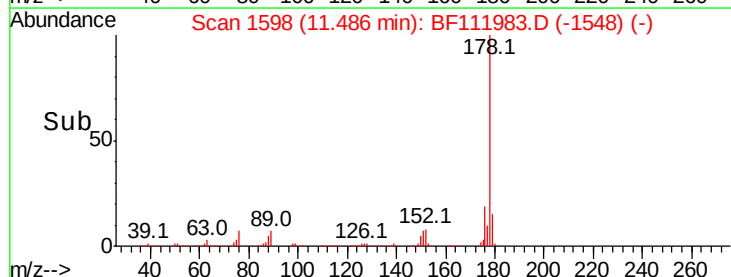
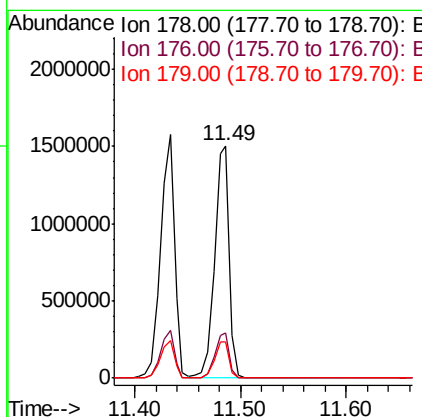
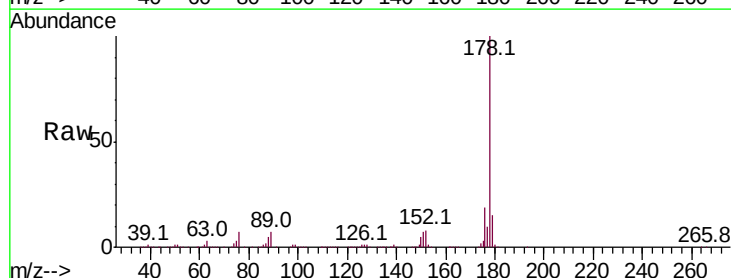
Instrument :
BNA_F
ClientSampleId :

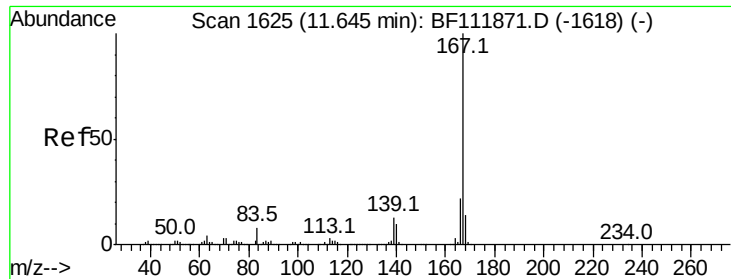
Tot Ion:178 Resp: 1440285
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.6 18.8



#72
Anthracene
Concen: 42.287 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:178 Resp: 1475718
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.4 18.6



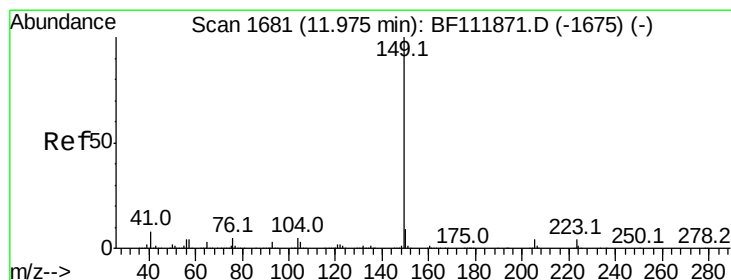
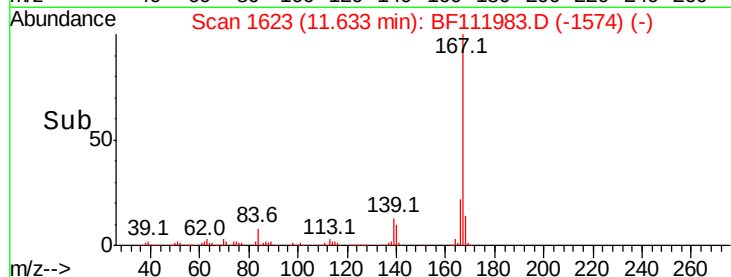
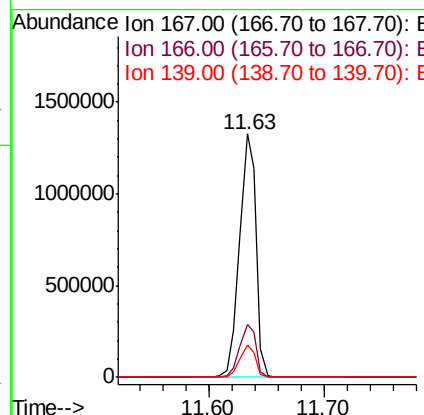
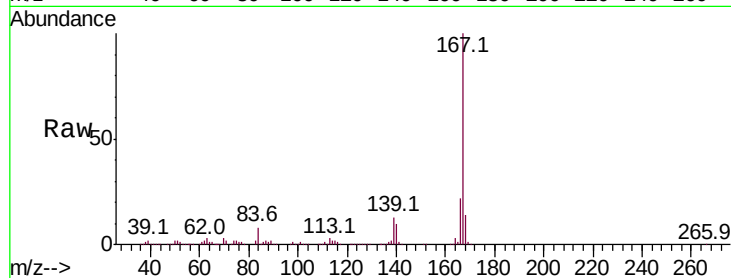


#73
 Carbazole
 Concen: 38.774 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1316207

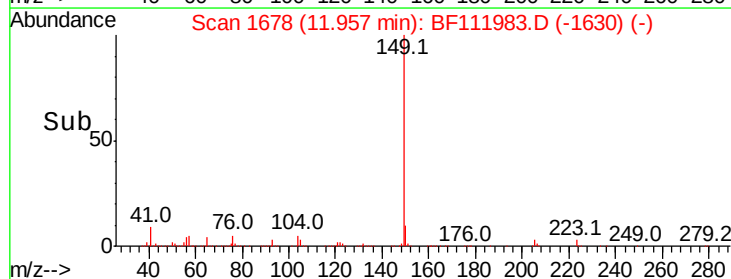
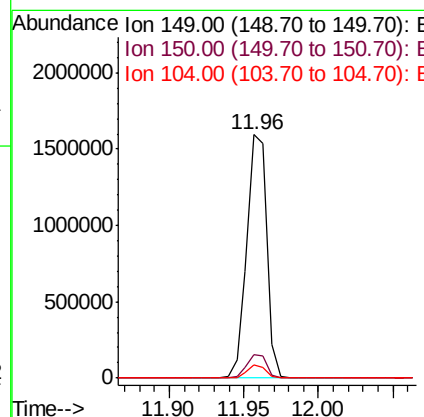
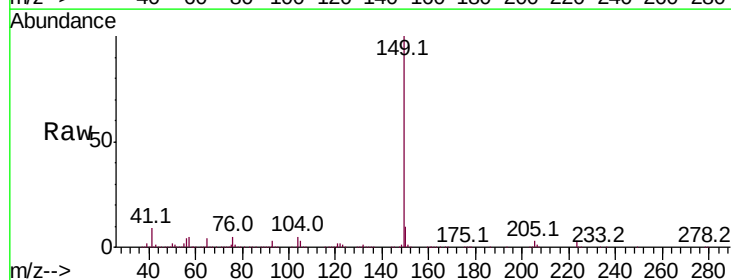
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.2	10.6	16.0

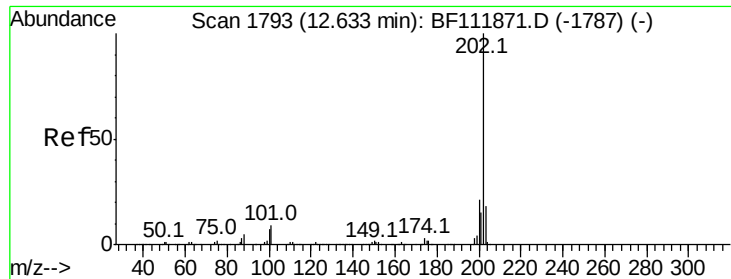


#74
 Di-n-butylphthalate
 Concen: 37.611 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion:149 Resp: 1482981

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 33.709 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

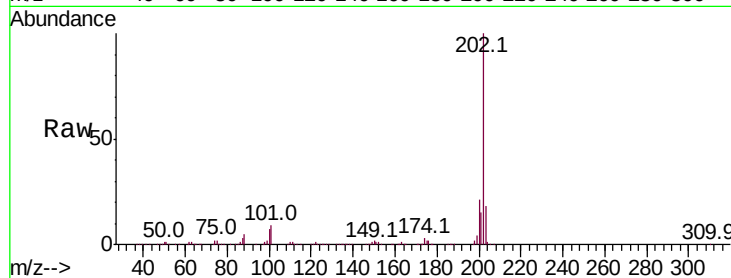
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1189637

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
203	17.6	0.0	37.6

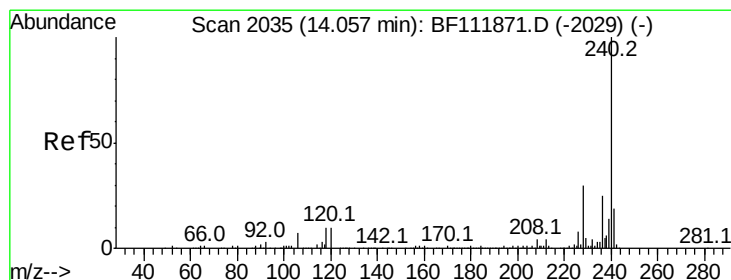
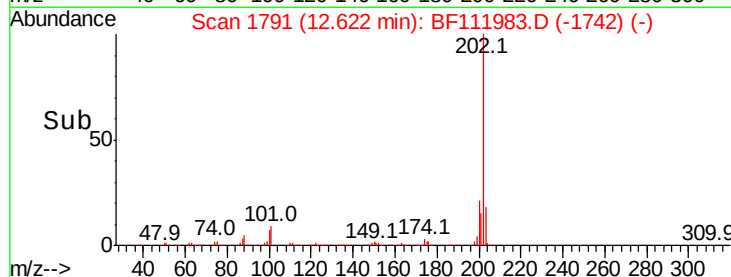
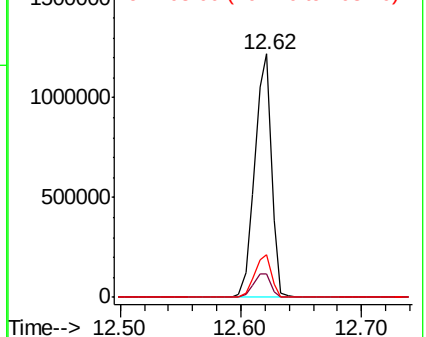


Abundance

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: 14.04 min Scan# 2033

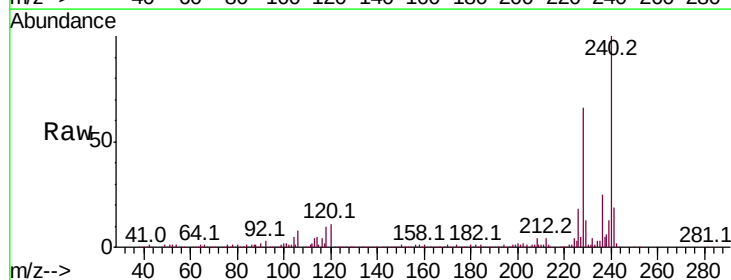
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:240 Resp: 441461

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.2	12.2
236	24.9	20.2	30.4

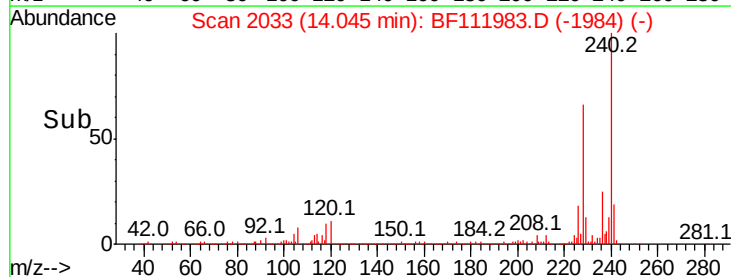
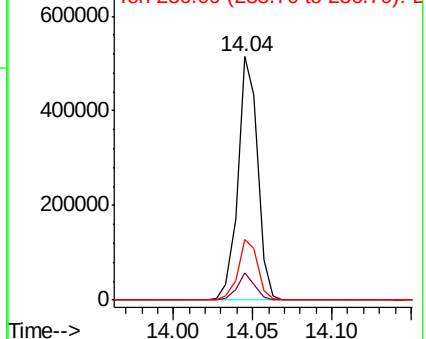


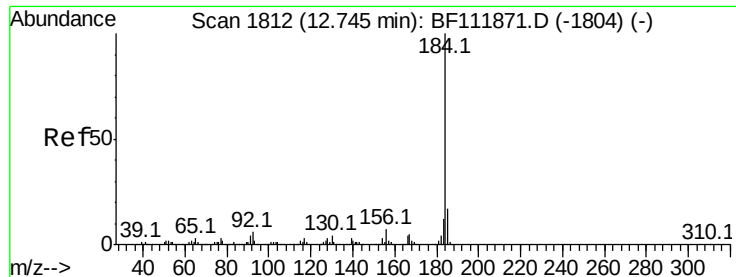
Abundance

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: 33.543 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

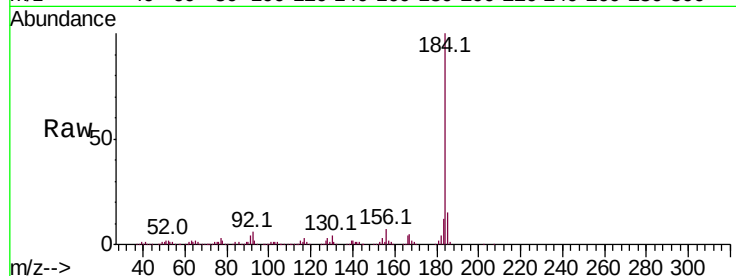
Tot Ion:184 Resp: 442462

Ion Ratio Lower Upper

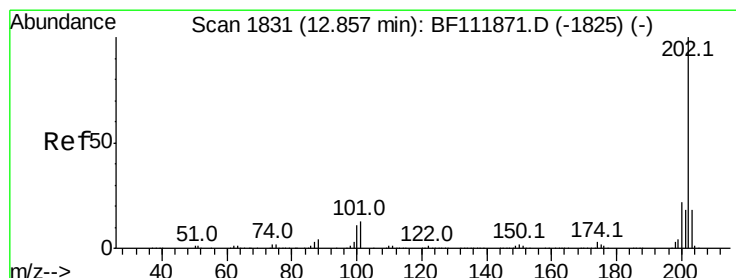
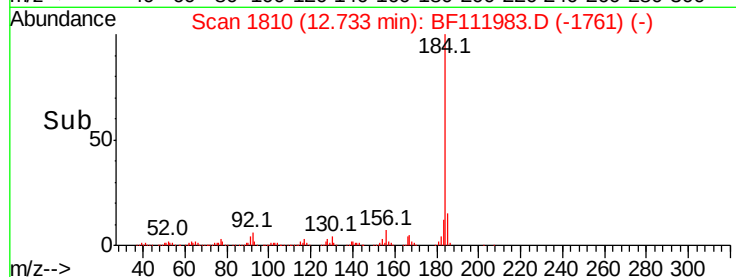
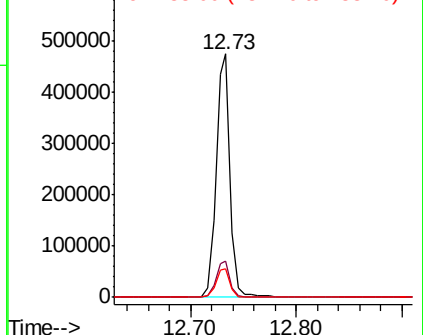
184 100

185 14.6 13.4 20.0

183 11.7 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: 46.096 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

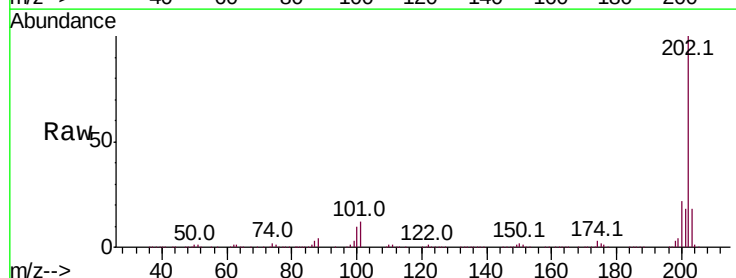
Tgt Ion:202 Resp: 1400192

Ion Ratio Lower Upper

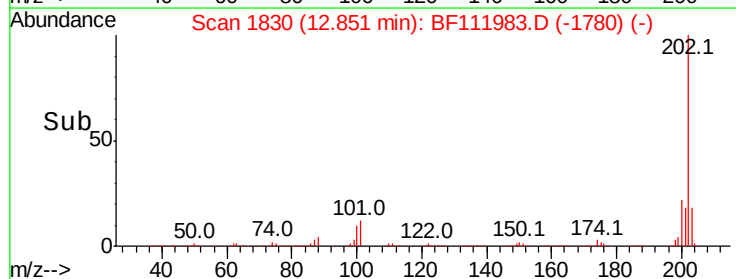
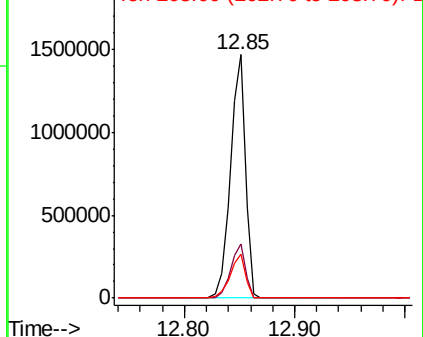
202 100

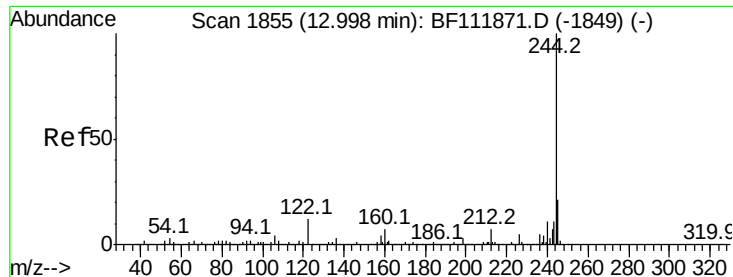
200 22.1 17.4 26.2

203 18.0 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: 75.019 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

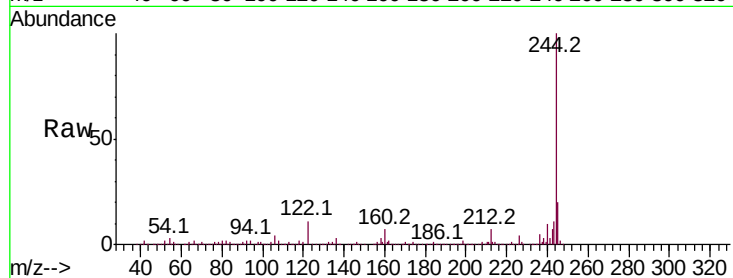
Tot Ion:244 Resp: 1744675

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

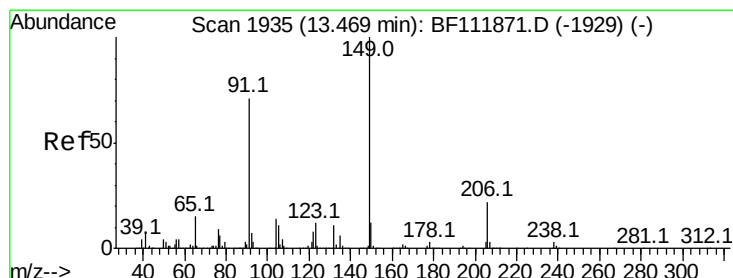
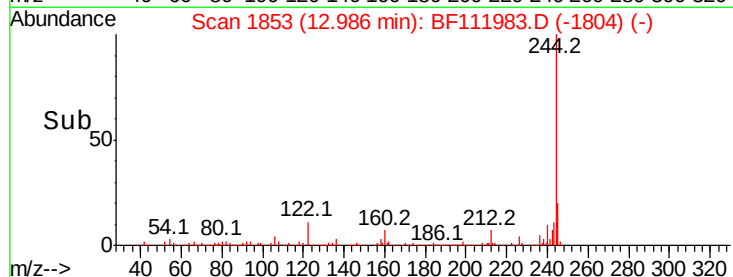
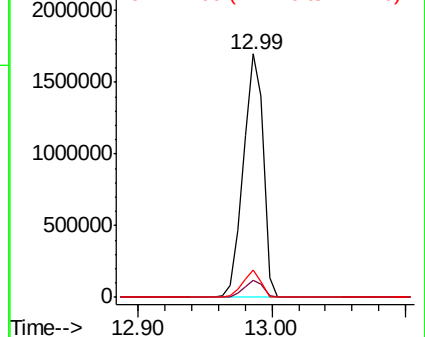
122 11.4 9.5 14.3



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: 45.205 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

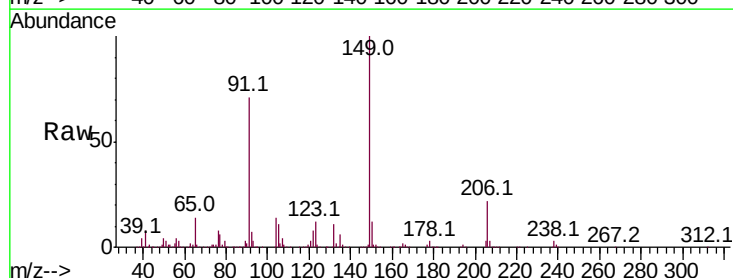
Tgt Ion:149 Resp: 580514

Ion Ratio Lower Upper

149 100

91 71.1 57.2 85.8

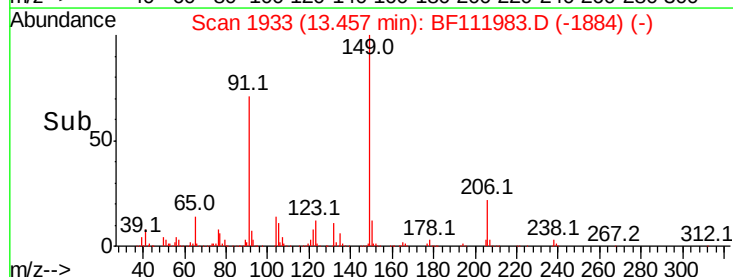
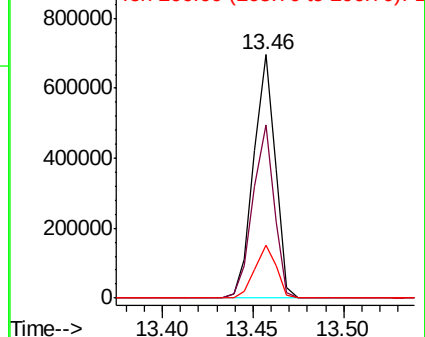
206 21.8 17.3 25.9

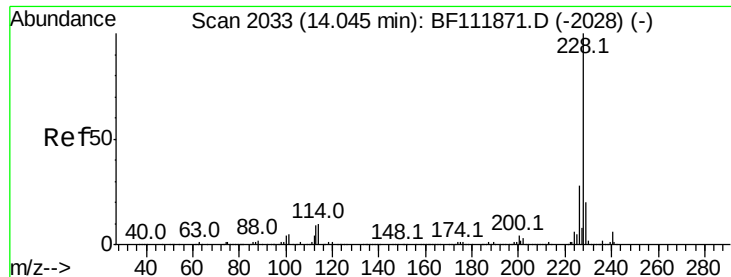


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

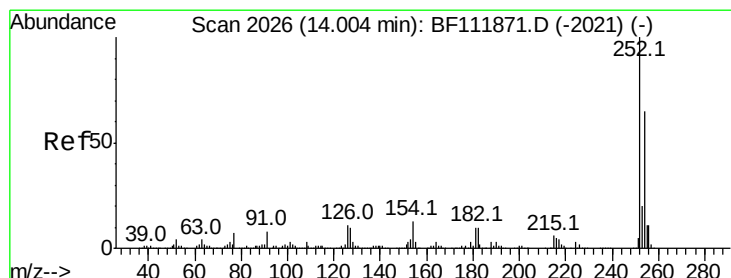
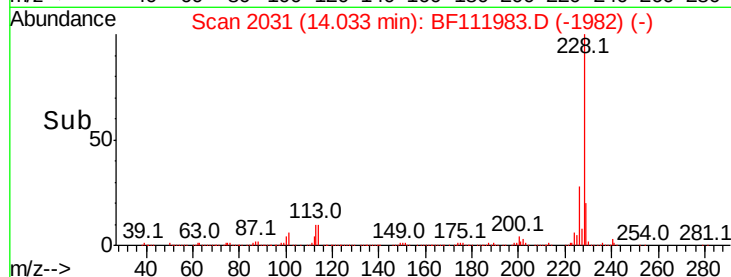
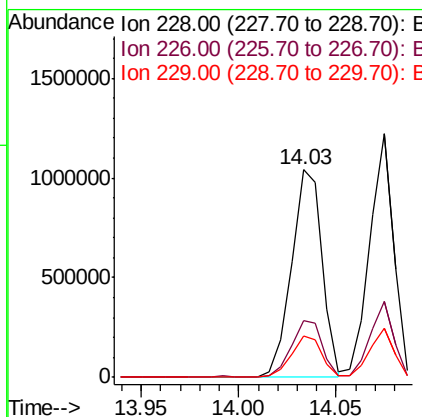
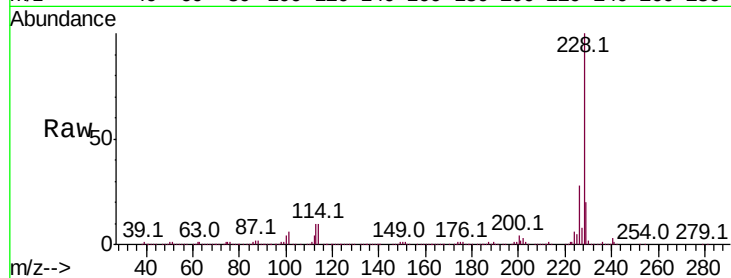




#81
Benzo(a)anthracene
Concen: 44.375 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

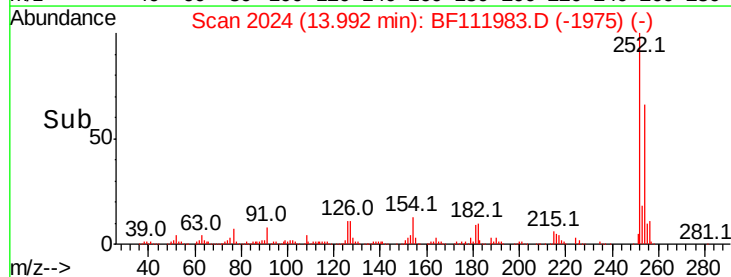
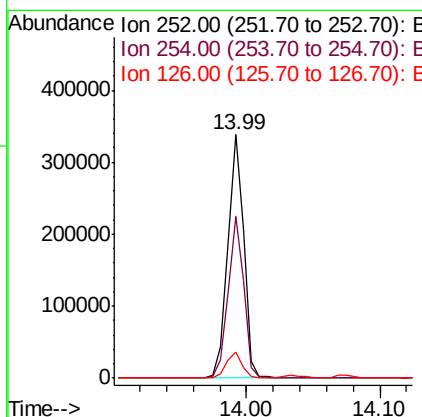
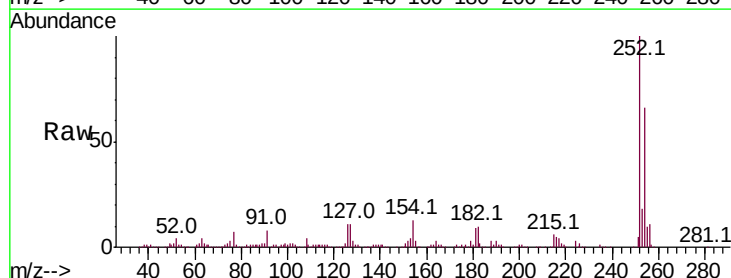
Instrument :
BNA_F
ClientSampleId :

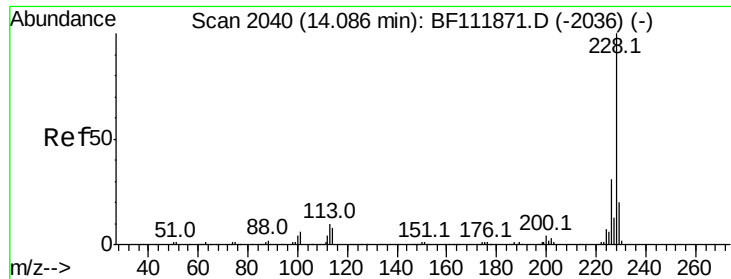
Tot Ion:228 Resp: 1127429
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 30.605 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:252 Resp: 287067
Ion Ratio Lower Upper
252 100
254 66.4 52.1 78.1
126 10.9 8.6 12.8





#83

Chrysene

Concen: 42.962 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

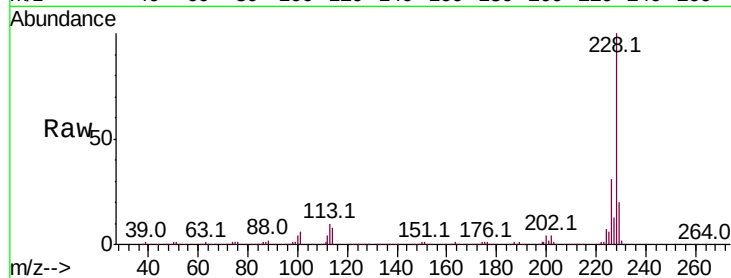
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1040750

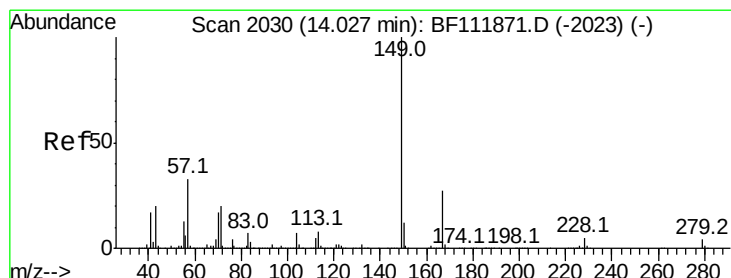
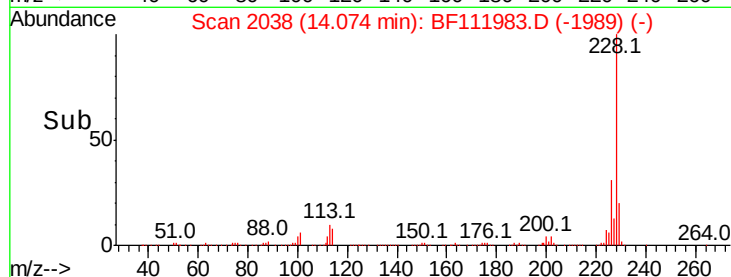
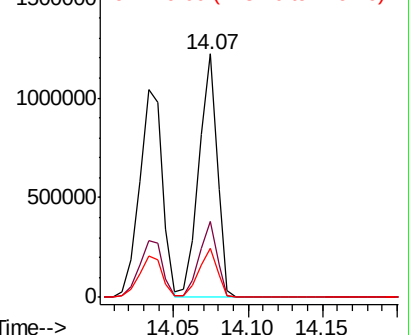
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	19.9	15.7	23.5



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: 44.767 ng

RT: 14.02 min Scan# 2028

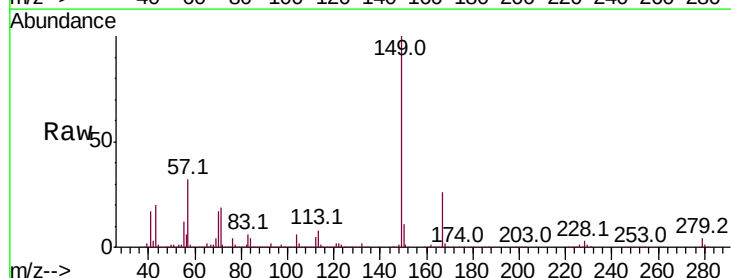
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:149 Resp: 754983

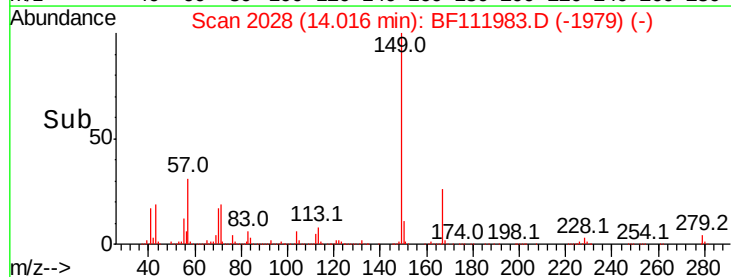
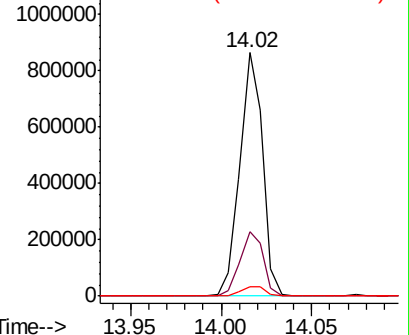
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.5	32.3
279	3.9	3.0	4.6

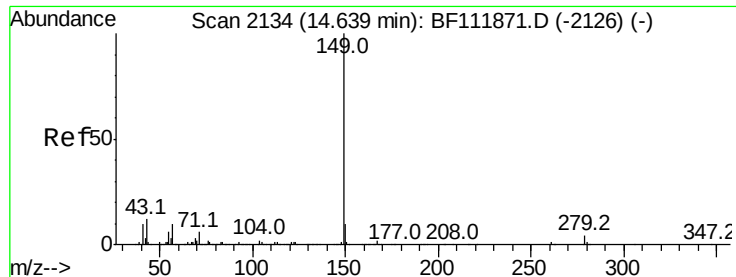


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.826 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

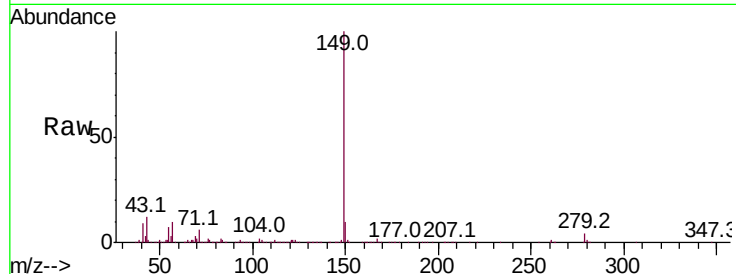
Tot Ion:149 Resp: 1081864

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

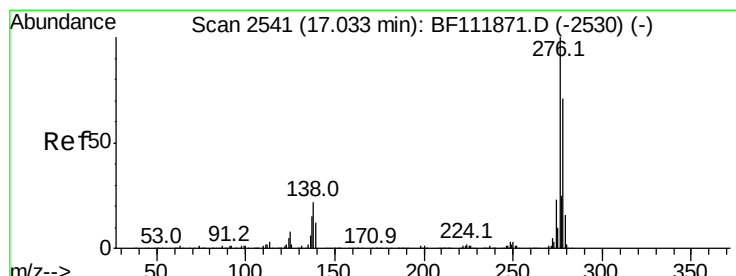
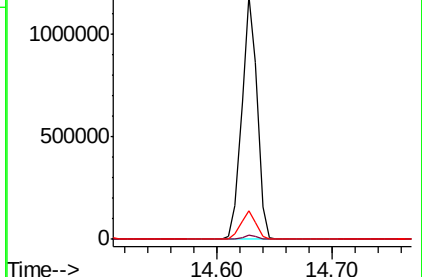
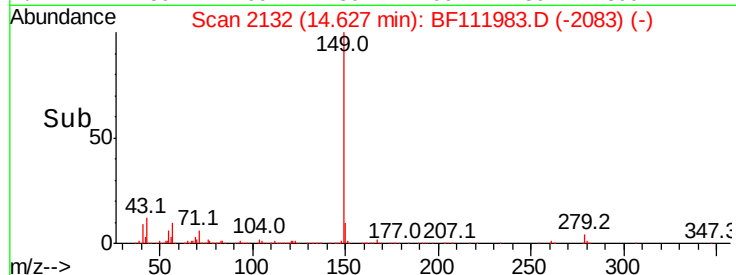
43 11.4 9.1 13.7



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: 44.740 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

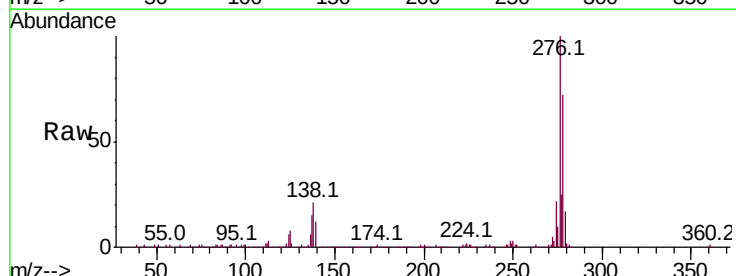
Tgt Ion:276 Resp: 790149

Ion Ratio Lower Upper

276 100

138 22.6 18.1 27.1

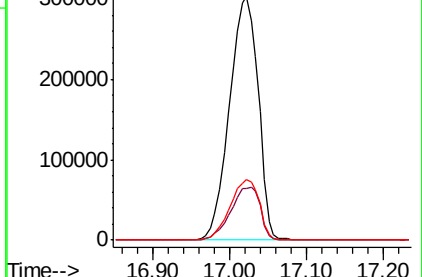
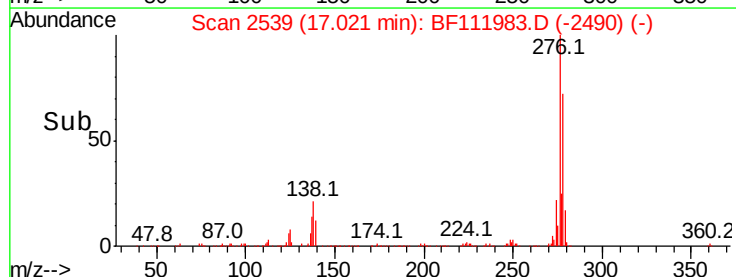
277 25.4 19.9 29.9

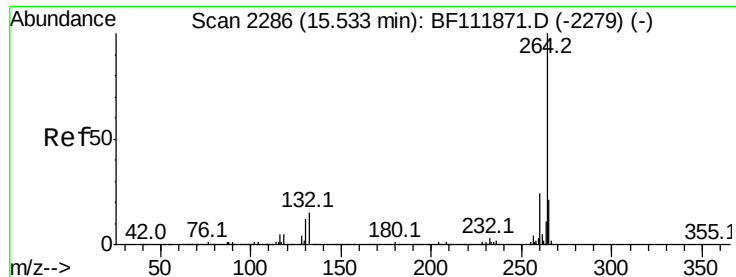


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

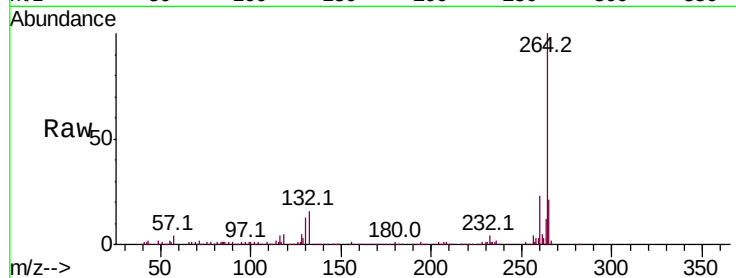
Tot Ion:264 Resp: 295146

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

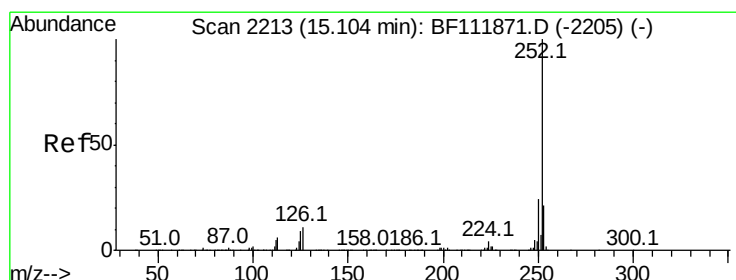
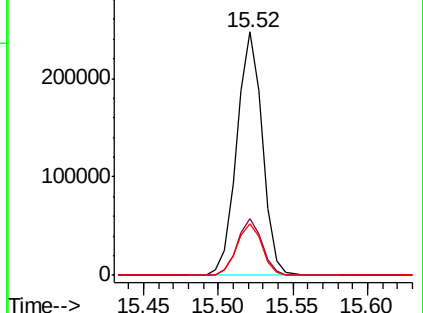
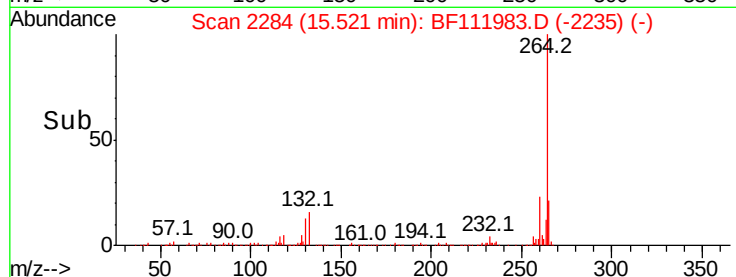
265 21.4 17.1 25.7



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: 48.477 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

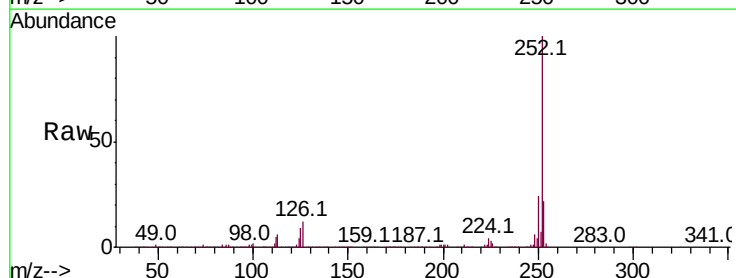
Tgt Ion:252 Resp: 855881

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

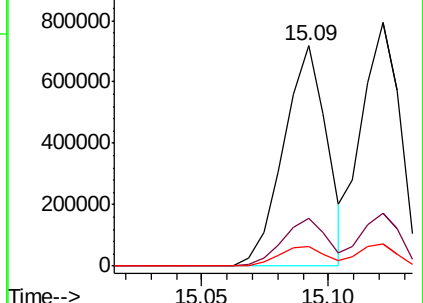
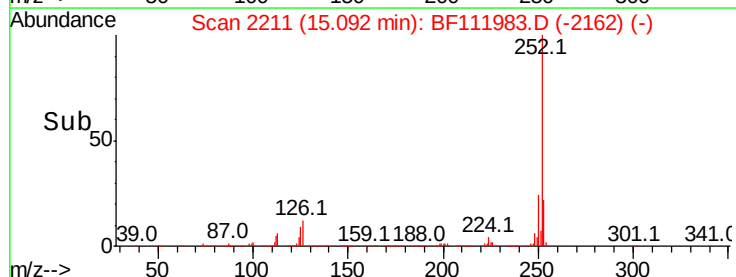
125 8.9 7.1 10.7

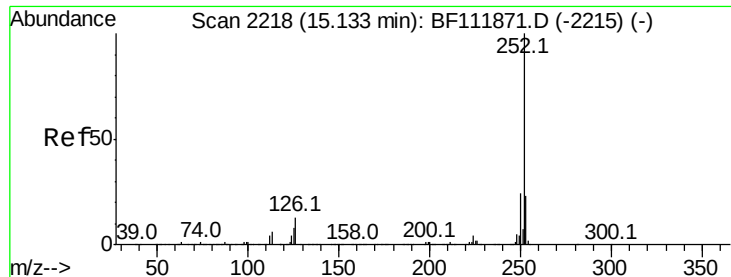


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

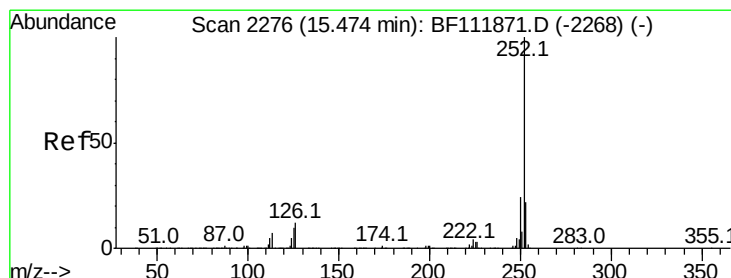
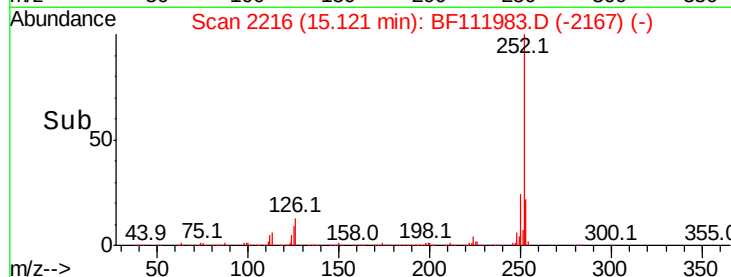
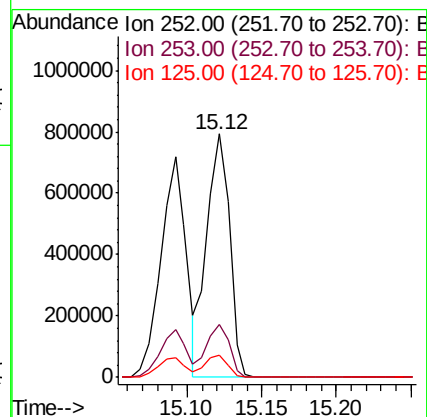
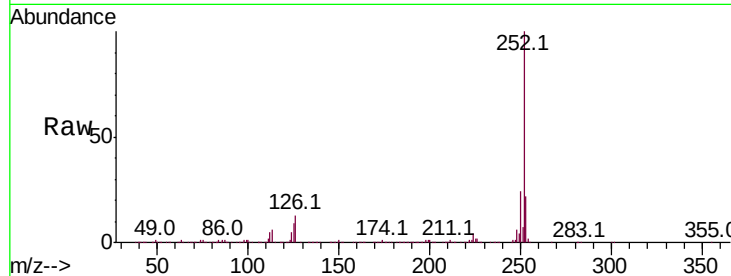




#89
Benzo(k)fluoranthene
Concen: 50.408 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

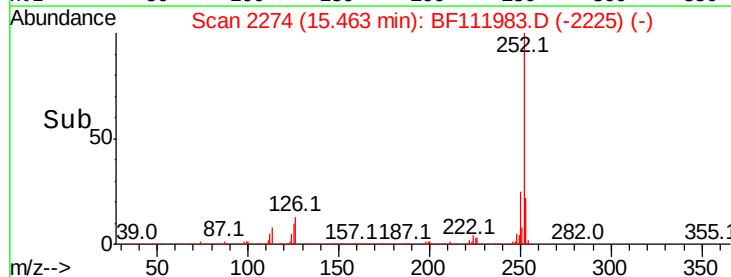
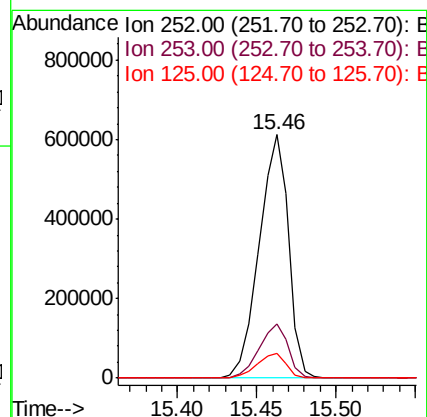
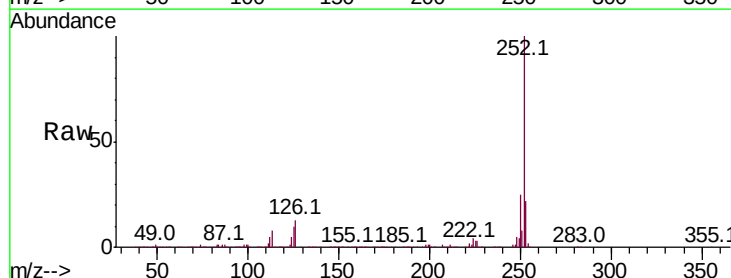
Instrument :
BNA_F
ClientSampleId :

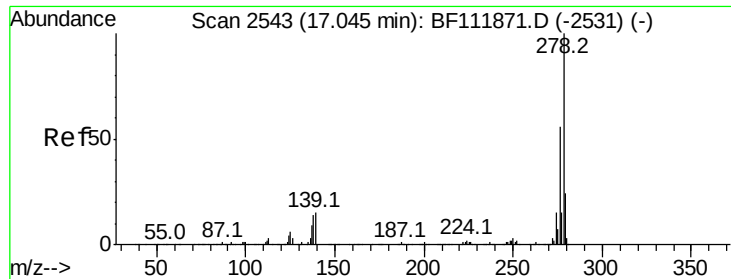
Tot Ion:252 Resp: 836563
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 51.002 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:252 Resp: 791755
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 7.9 11.9

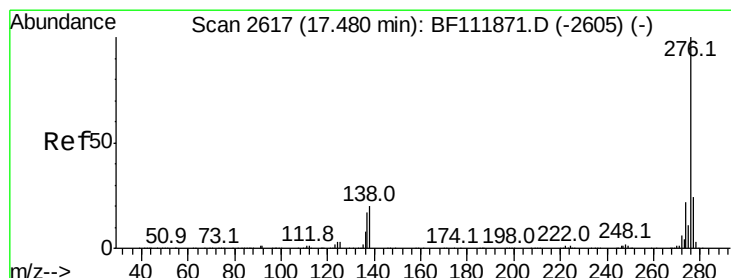
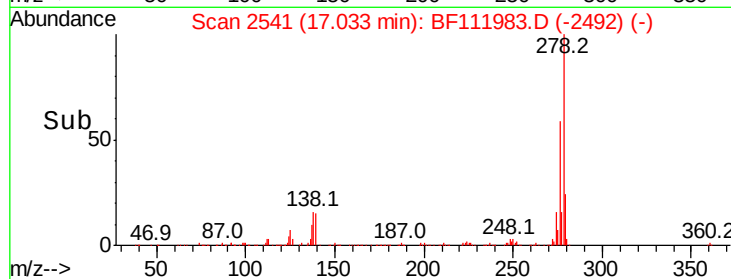
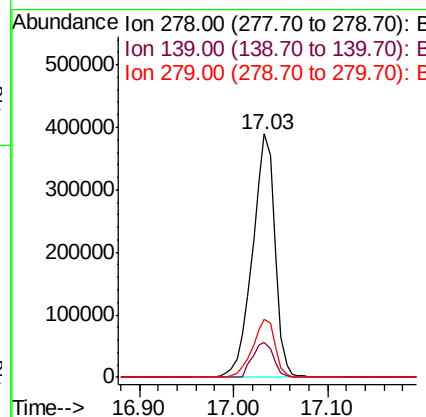
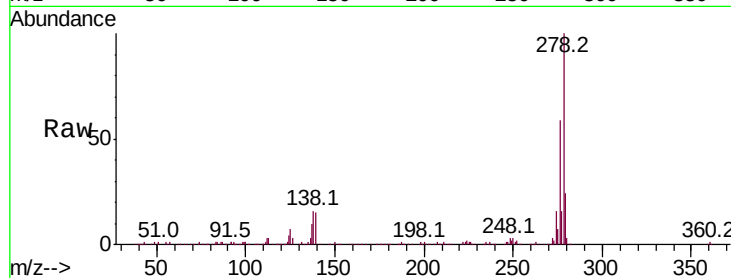




#91
Dibenzo(a,h)anthracene
Concen: 51.608 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.6
279	24.0	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 46.862 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	19.8	16.2	24.2

