

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112855.D
 Acq On : 5 Mar 2019 15:05
 Operator : JU/SJ
 Sample : K1700-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

Quant Time: Mar 06 01:43:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139795	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	435012	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	169554	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	321616	20.00	ng	0.01
76) Chrysene-d12	13.89	240	362923	20.00	ng	0.01
87) Perylene-d12	15.30	264	408416	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	425216	47.32	ng	0.00
7) Phenol-d6	6.37	99	315396	27.94	ng	0.00
23) Nitrobenzene-d5	7.30	82	634273	87.25	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	238697	132.61	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1005456	104.52	ng	0.00
79) Terphenyl-d14	12.84	244	1012997	54.11	ng	0.01

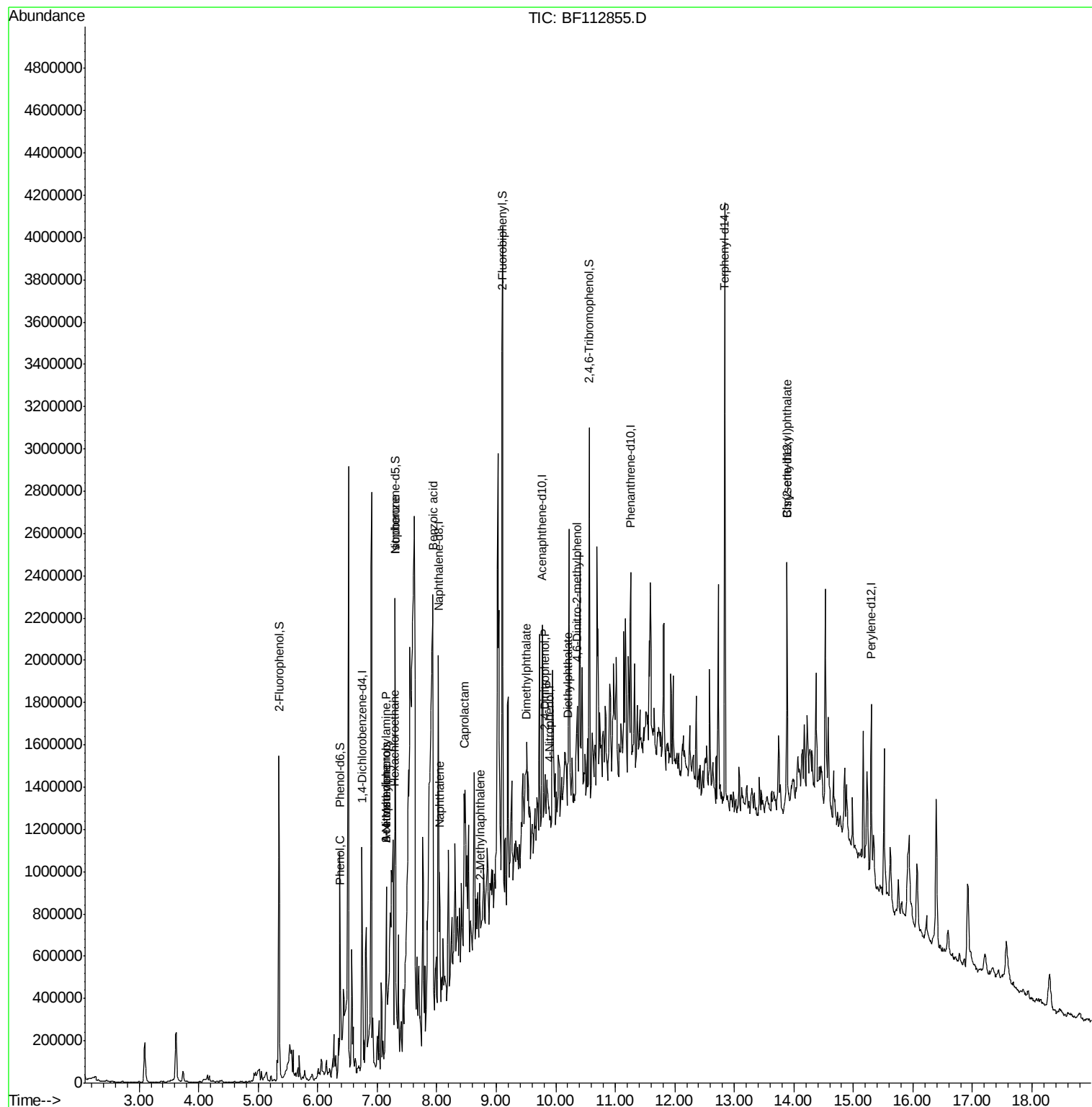
Target Compounds				Qvalue		
10) Phenol	6.39	94	57208	4.343	ng	94
18) Hexachloroethane	7.29	117	23559	5.934	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	17024	2.381	ng	# 31
20) 3+4-Methylphenols	7.15	107	130774	14.273	ng	# 64
22) Acetophenone	7.15	105	63628	6.255	ng	# 62
25) Isophorone	7.30	82	619171	39.534	ng	# 66
31) Naphthalene	8.05	128	124424	5.761	ng	97
32) Benzoic acid	7.93	122	22215	5.058	ng	88
35) Caprolactam	8.46	113	8822	4.122	ng	# 1
37) 2-Methylnaphthalene	8.74	142	32373	2.321	ng	# 91
50) Dimethylphthalate	9.50	163	78382	6.270	ng	# 91
54) 2,4-Dinitrophenol	9.82	184	283	6.698	ng	# 1
56) 4-Nitrophenol	9.89	139	6194	2.402	ng	# 1
60) Diethylphthalate	10.20	149	29103	2.204	ng	# 76
65) 4,6-Dinitro-2-methylphenol	10.35	198	302	4.819	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.88	149	52417	3.309	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112855.D
Acq On : 5 Mar 2019 15:05
Operator : JU/SJ
Sample : K1700-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

Quant Time: Mar 06 01:43:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

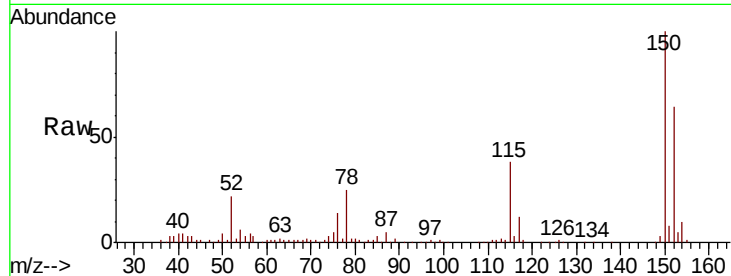




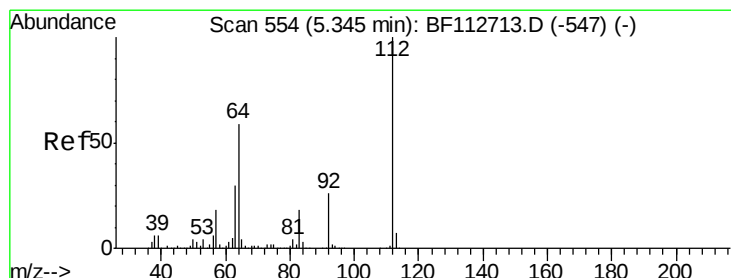
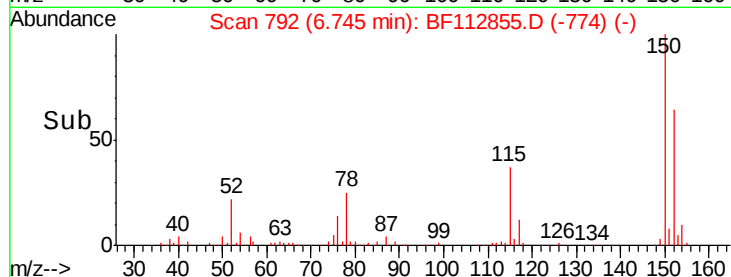
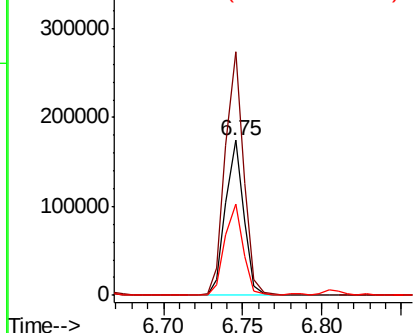
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

Tgt Ion:152 Resp: 139795
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.2 186.2
 115 59.2 48.2 72.4

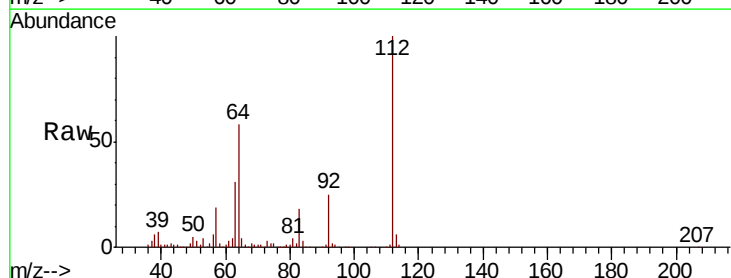


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

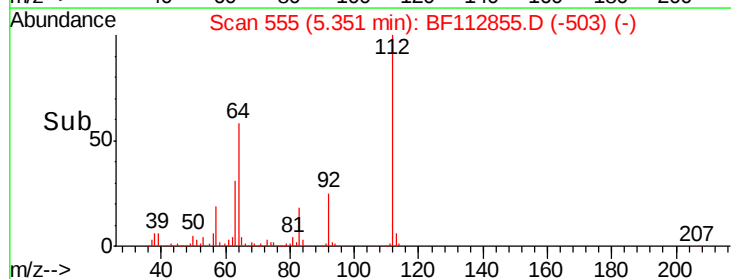
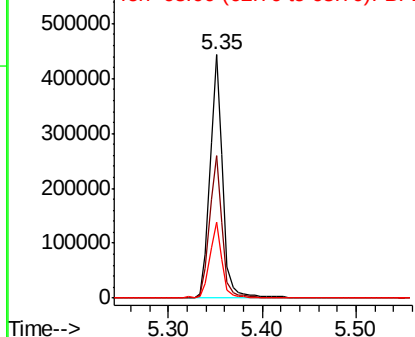


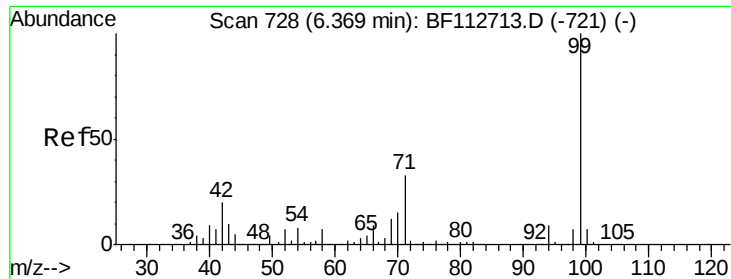
#5
 2-Fluorophenol
 Concen: 47.315 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Tgt Ion:112 Resp: 425216
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.6 71.4
 63 31.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.938 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

Instrument :

BNA_F

ClientSampleId :

NB-21841-21842

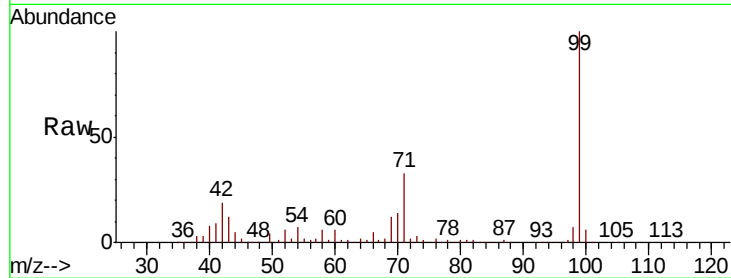
Tgt Ion: 99 Resp: 315396

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

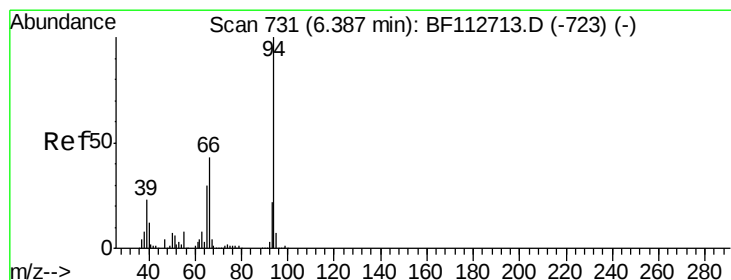
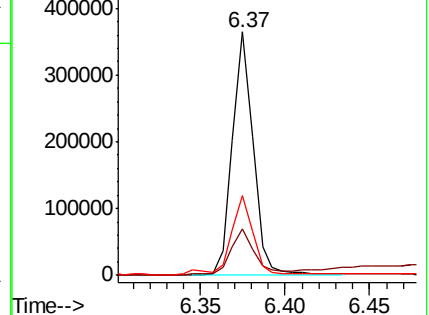
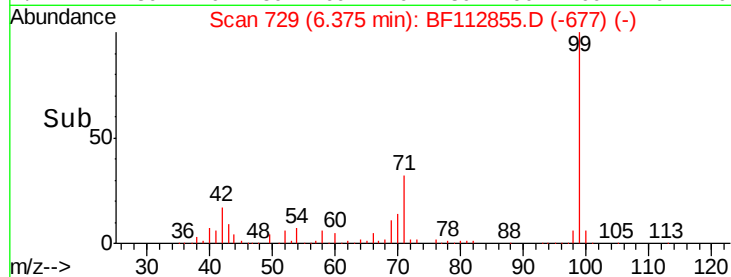
71 33.0 26.2 39.4



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



#10

Phenol

Concen: 4.343 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

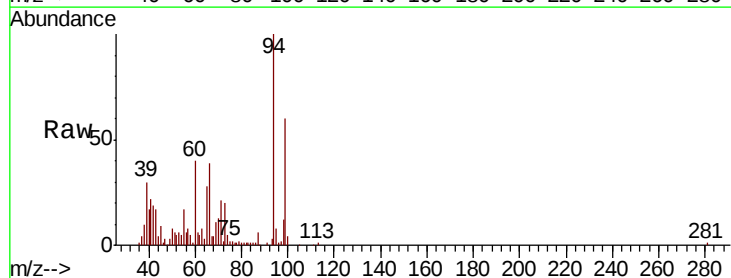
Tgt Ion: 94 Resp: 57208

Ion Ratio Lower Upper

94 100

65 27.9 10.5 50.5

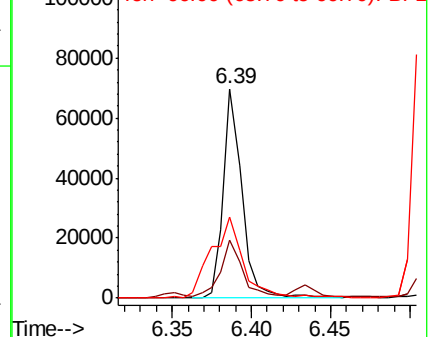
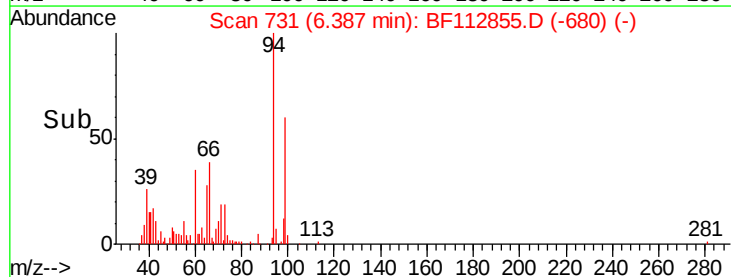
66 38.7 22.6 62.6

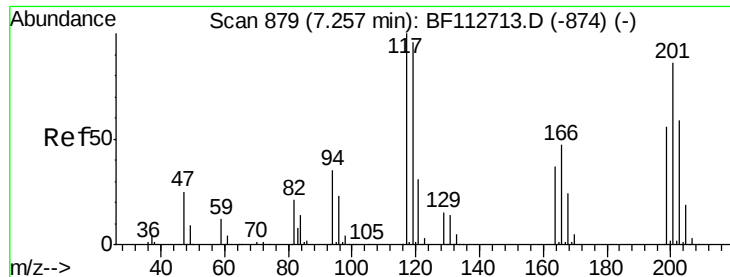


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

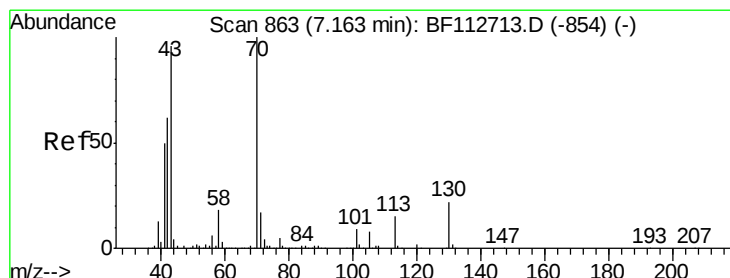
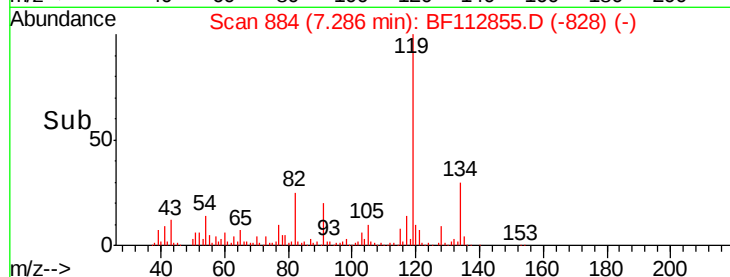
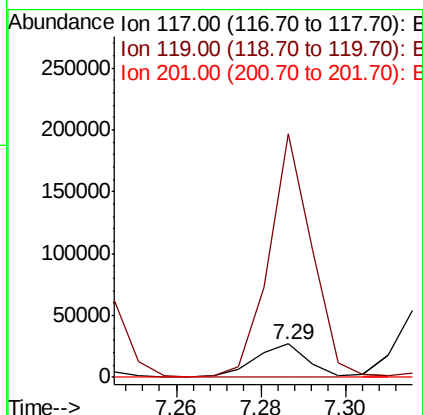
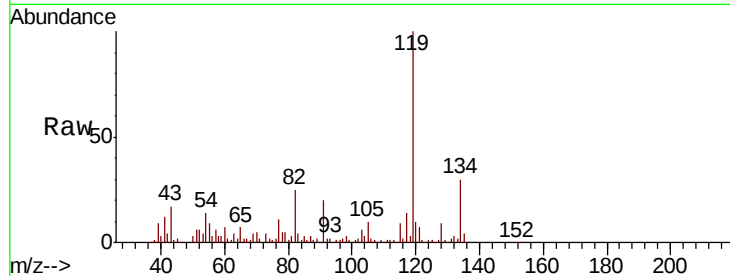




#18
Hexachloroethane
Concen: 5.934 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.03 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

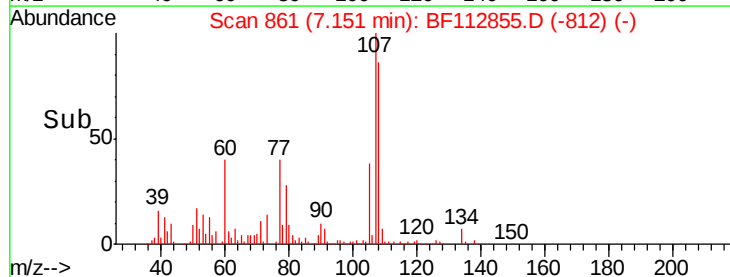
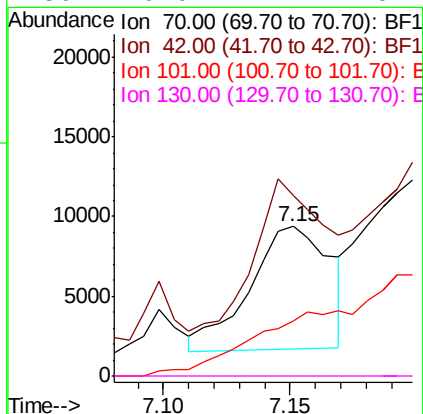
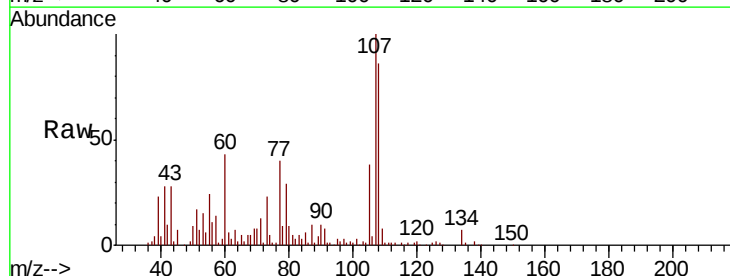
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

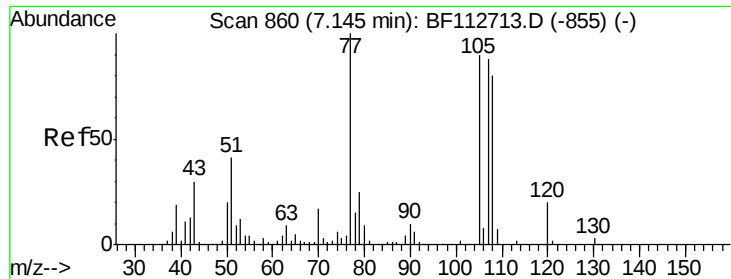
Tgt Ion: 117 Resp: 23559
Ion Ratio Lower Upper
117 100
119 730.1 76.6 115.0#
201 0.0 68.9 103.3#



#19
n-Nitroso-di-n-propylamine
Concen: 2.381 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion: 70 Resp: 17024
Ion Ratio Lower Upper
70 100
42 120.7 49.9 74.9#
101 37.1 7.4 11.2#
130 0.0 17.4 26.2#

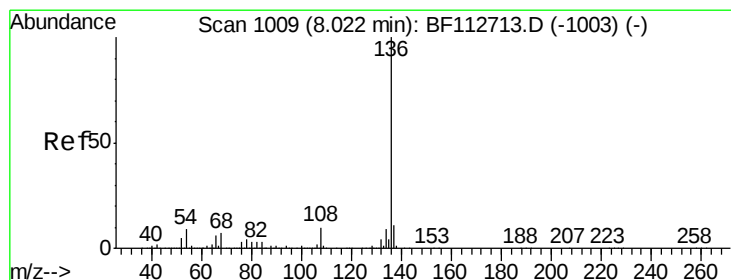
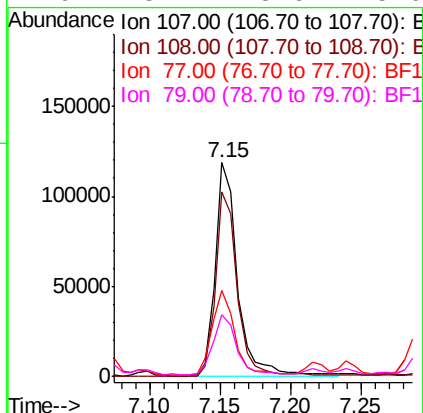
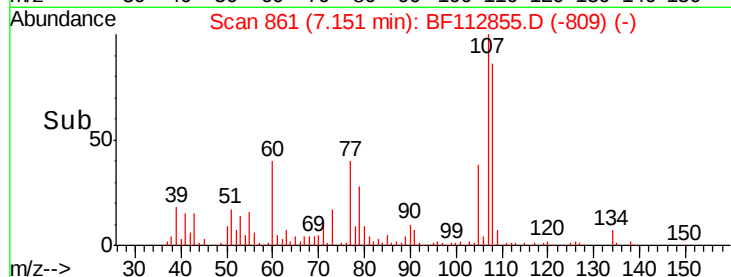
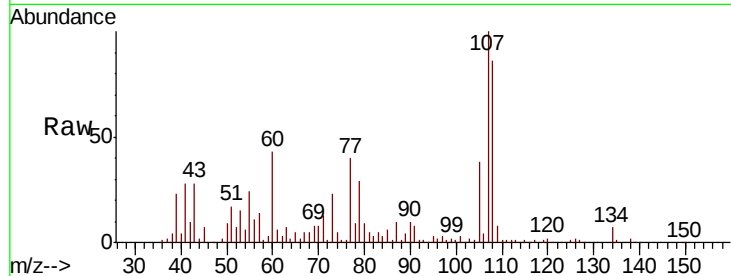




#20
3+4-Methylphenols
Concen: 14.273 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

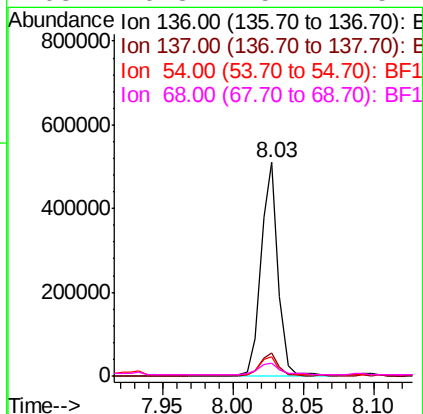
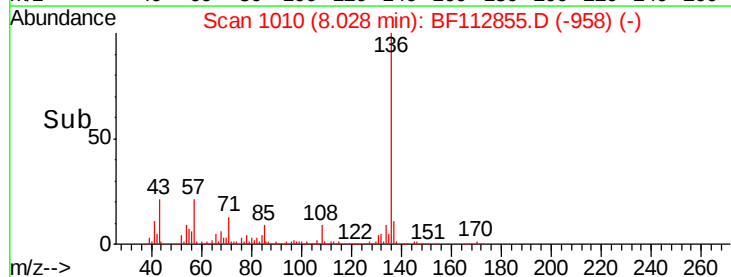
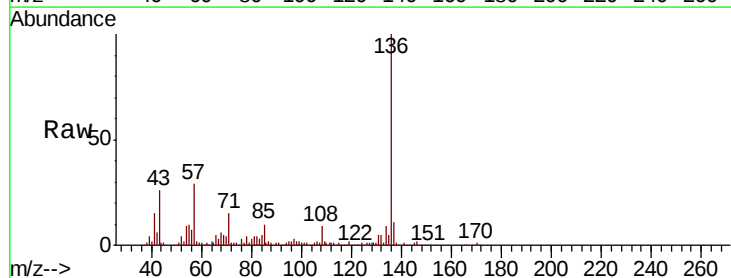
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

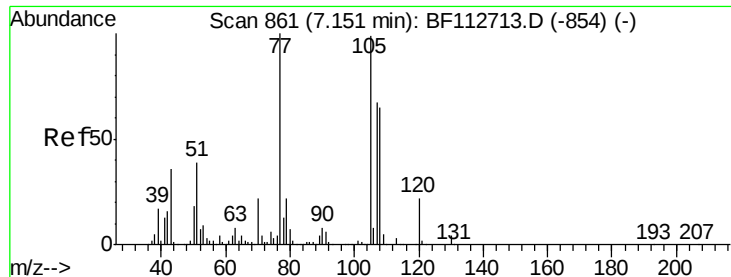
Tgt Ion:107 Resp: 130774
Ion Ratio Lower Upper
107 100
108 86.1 71.4 111.4
77 40.1 94.1 134.1#
79 28.7 8.6 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:136 Resp: 435012
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 7.3 10.9
68 6.3 5.4 8.2





#22

Acetophenone

Concen: 6.255 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

Instrument :

BNA_F

ClientSampleId :

NB-21841-21842

Tgt Ion: 105 Resp: 63628

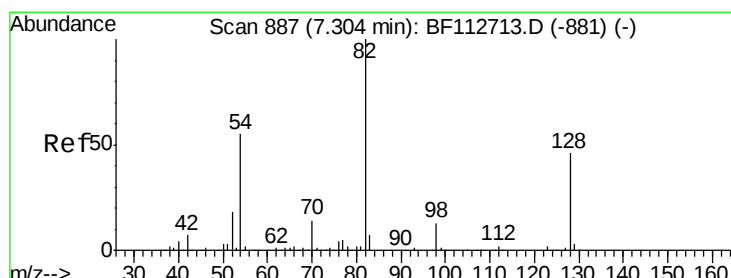
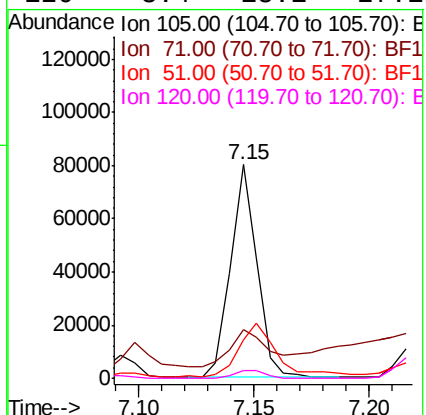
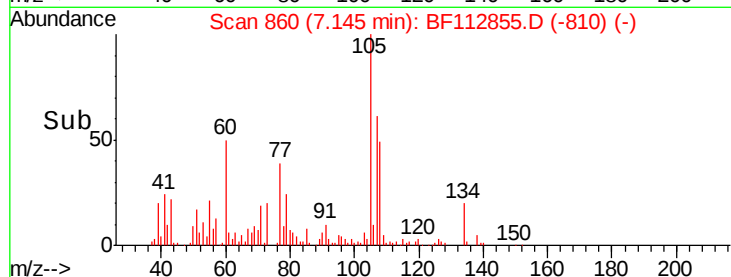
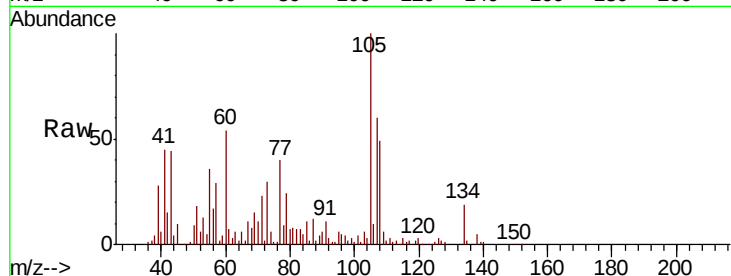
Ion Ratio Lower Upper

105 100

71 22.6 3.0 4.4#

51 18.0 31.5 47.3#

120 3.4 18.1 27.1#



#23

Nitrobenzene-d5

Concen: 87.247 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

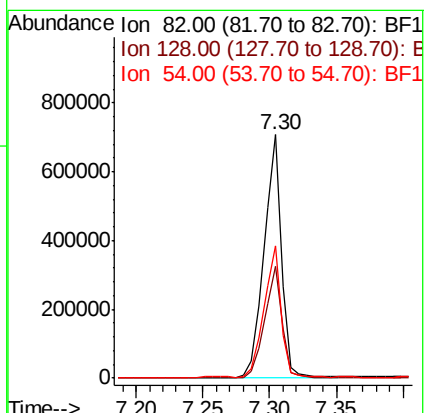
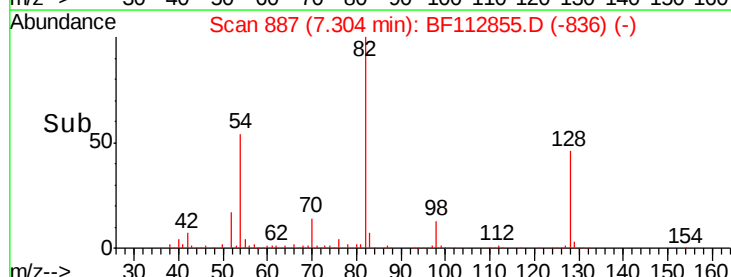
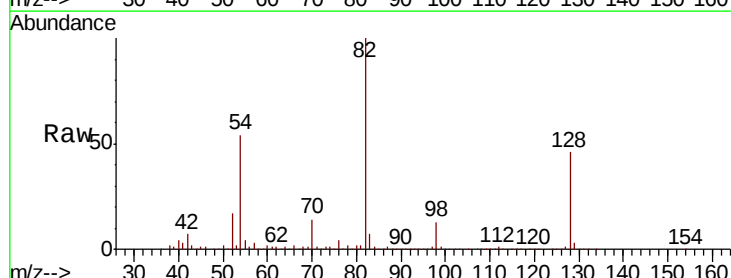
Tgt Ion: 82 Resp: 634273

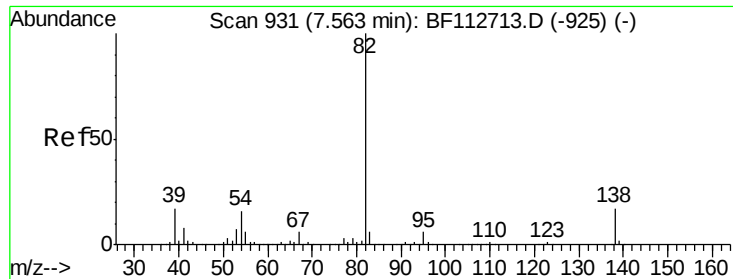
Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 54.1 43.7 65.5





#25

Isophorone

Concen: 39.534 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

Instrument :

BNA_F

ClientSampleId :

NB-21841-21842

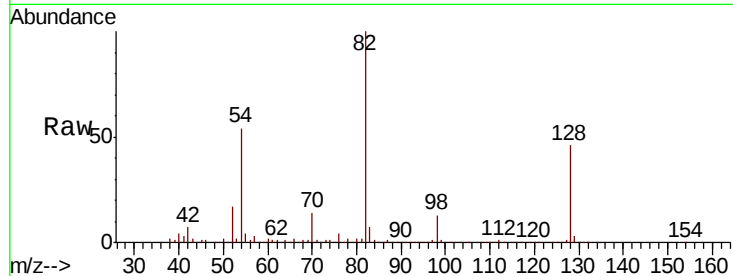
Tgt Ion: 82 Resp: 619171

Ion Ratio Lower Upper

82 100

95 0.4 5.2 7.8#

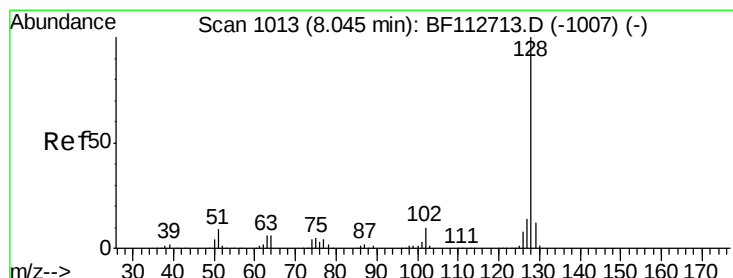
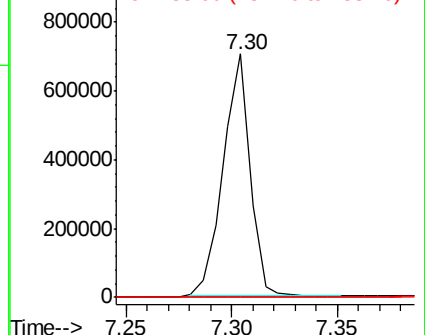
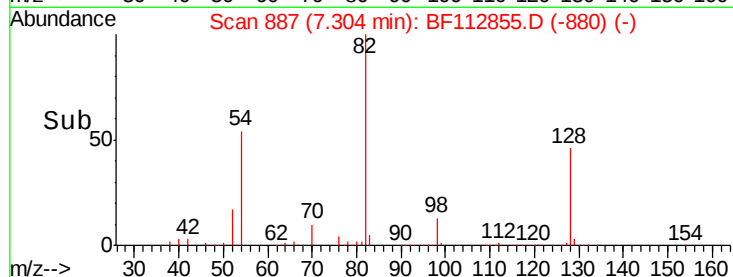
138 0.0 13.8 20.8#



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



#31

Naphthalene

Concen: 5.761 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

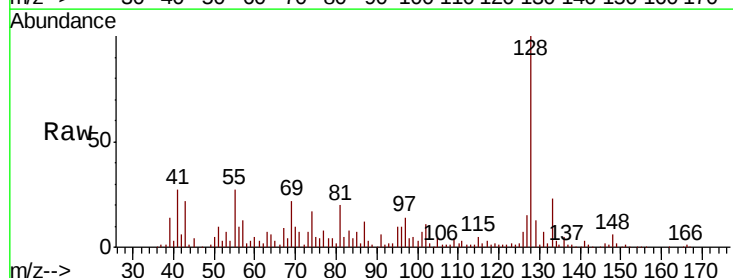
Tgt Ion: 128 Resp: 124424

Ion Ratio Lower Upper

128 100

129 12.7 9.3 13.9

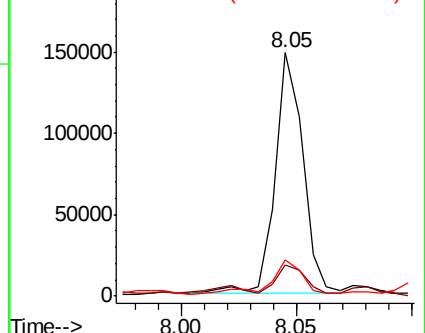
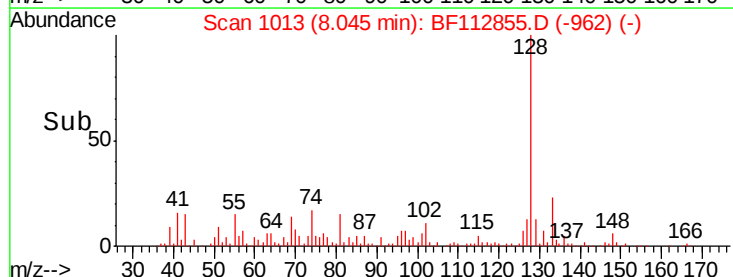
127 14.7 10.9 16.3

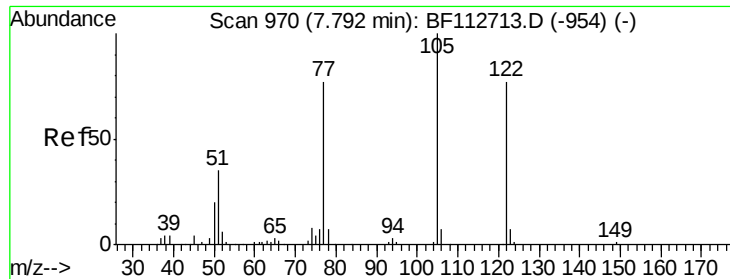


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

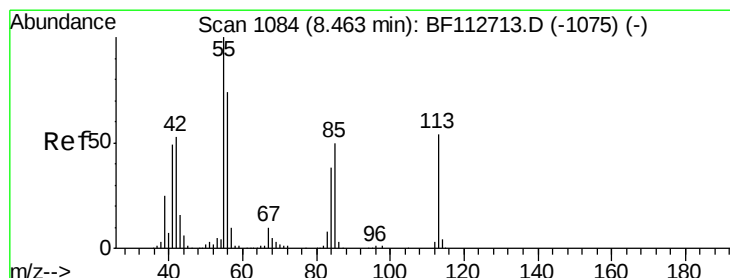
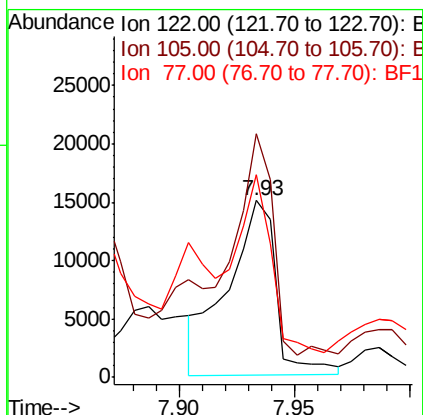
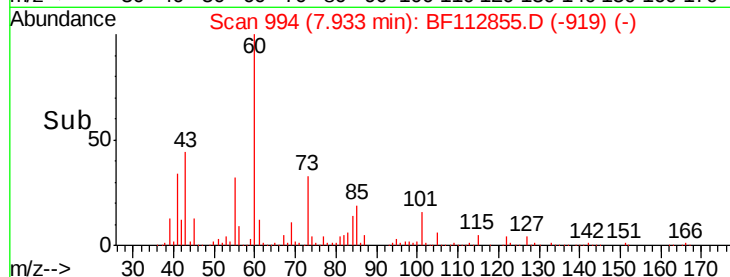
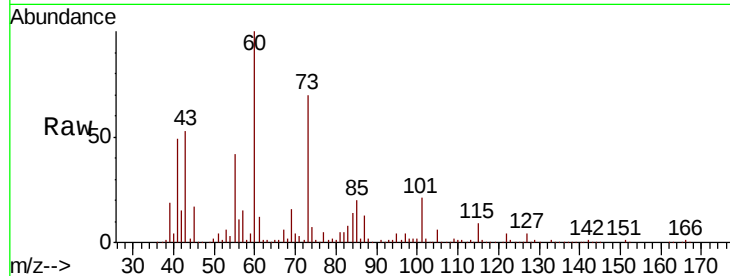




#32
Benzoic acid
Concen: 5.058 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.14 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

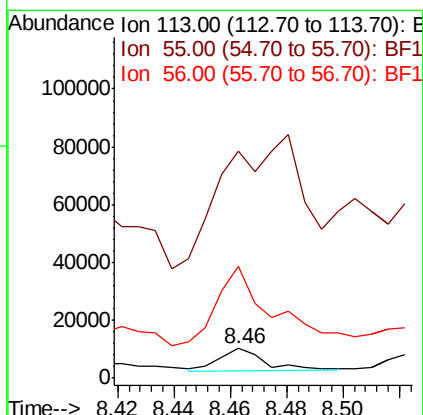
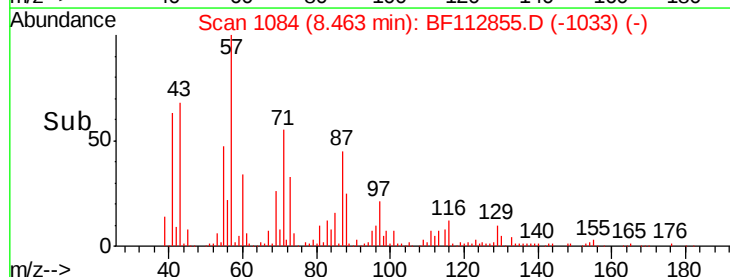
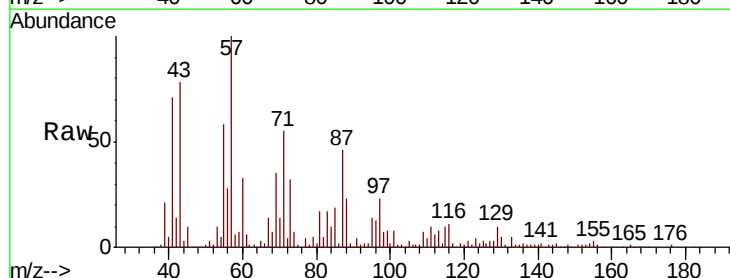
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

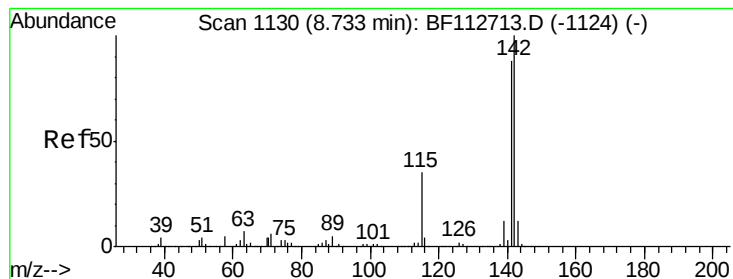
Tgt Ion:122 Resp: 22215
Ion Ratio Lower Upper
122 100
105 137.8 106.8 146.8
77 114.4 79.4 119.4



#35
Caprolactam
Concen: 4.122 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:113 Resp: 8822
Ion Ratio Lower Upper
113 100
55 771.5 163.5 203.5#
56 376.9 115.3 155.3#

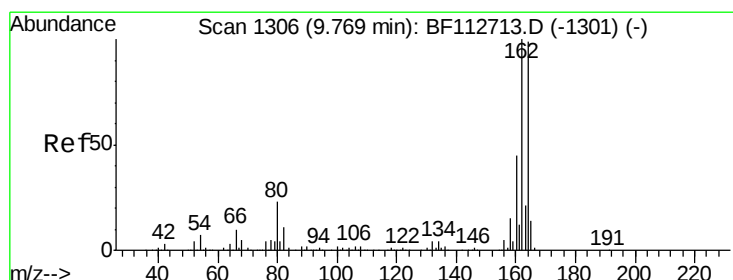
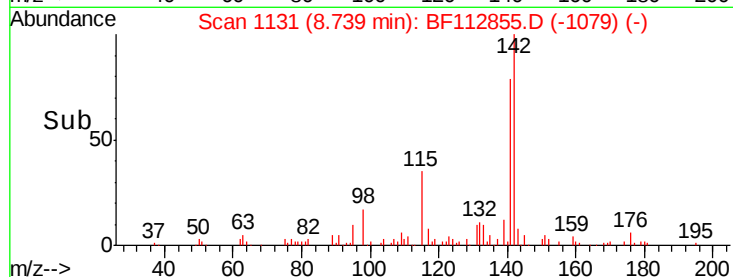
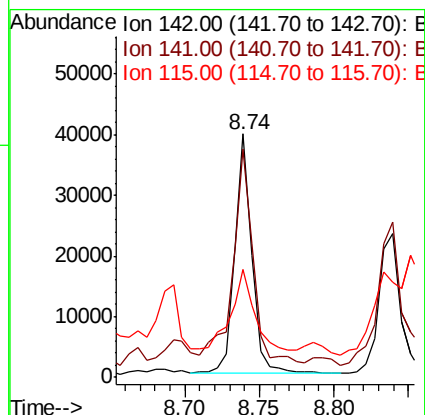
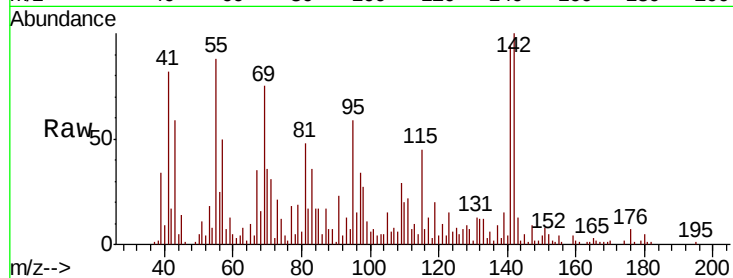




#37
 2-Methylnaphthalene
 Concen: 2.321 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

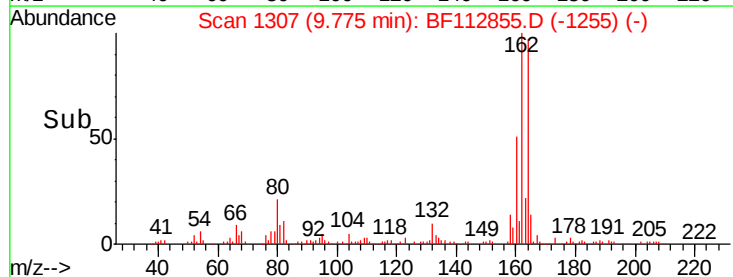
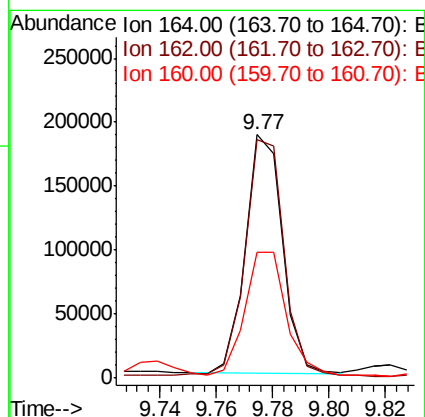
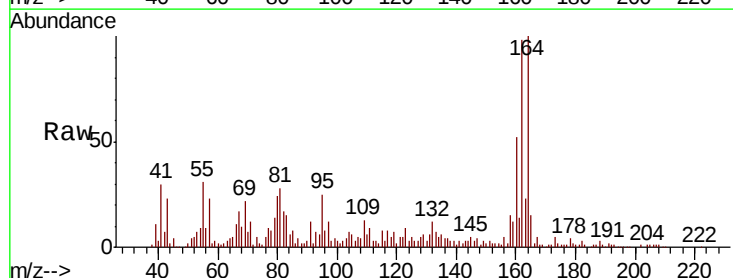
Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

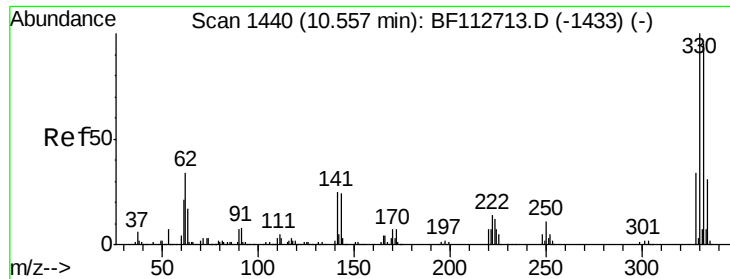
Tgt Ion:142 Resp: 32373
 Ion Ratio Lower Upper
 142 100
 141 93.6 70.3 105.5
 115 44.5 27.8 41.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Tgt Ion:164 Resp: 169554
 Ion Ratio Lower Upper
 164 100
 162 97.9 80.6 120.8
 160 51.9 36.0 54.0

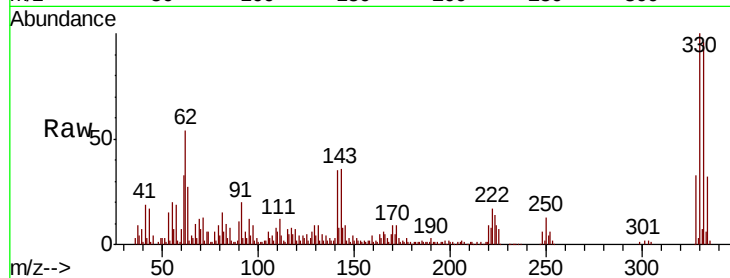




#42
 2,4,6-Tribromophenol
 Concen: 132.607 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.1	27.0	40.6

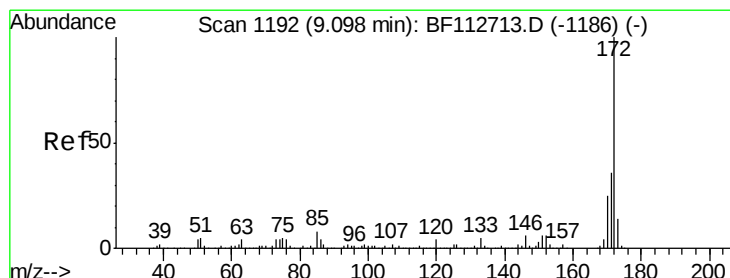
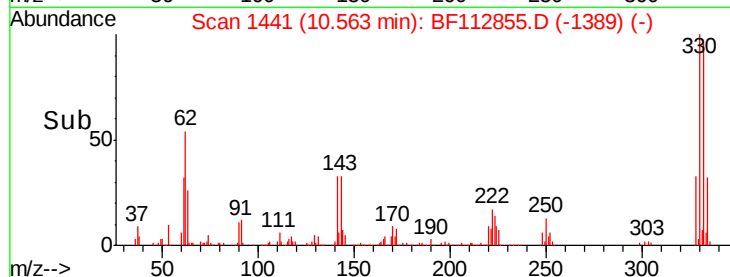
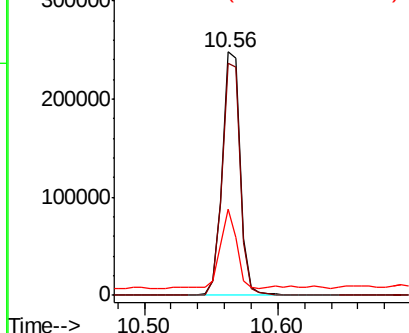


Abundance

Ion 329.80 (329.50 to 330.50): E

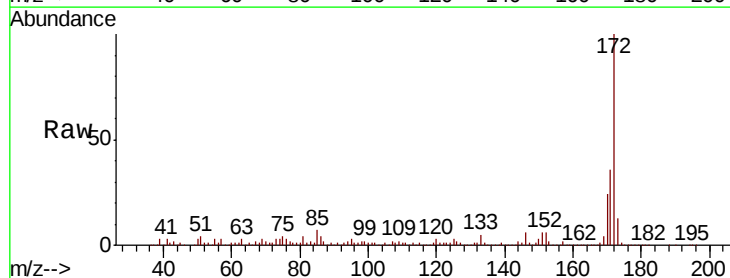
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.518 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.2	20.0	30.0

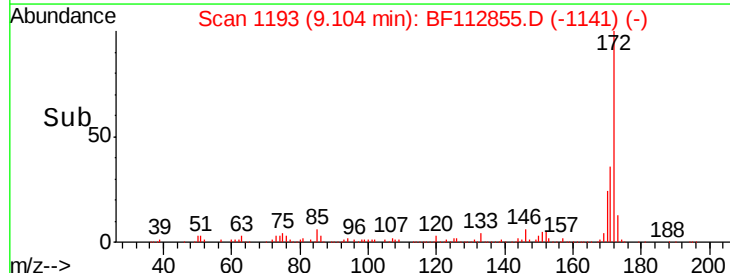
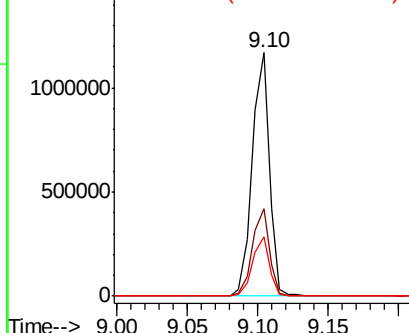


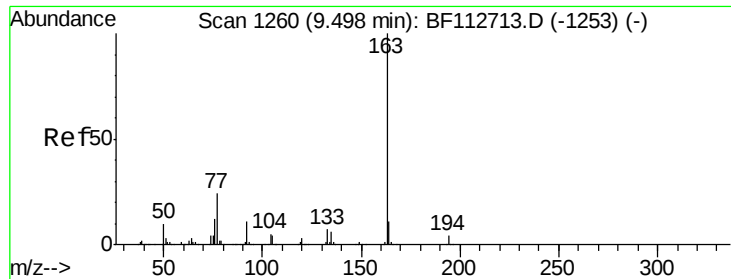
Abundance

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

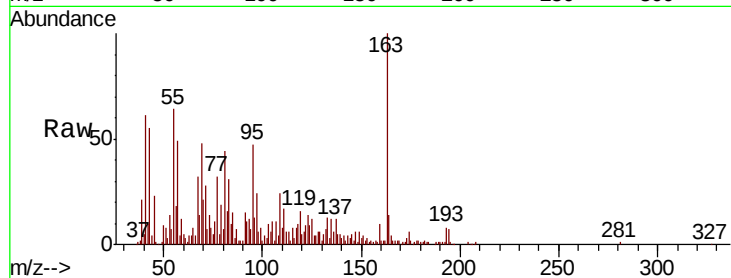




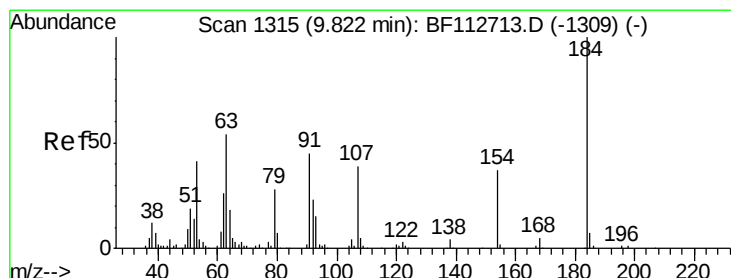
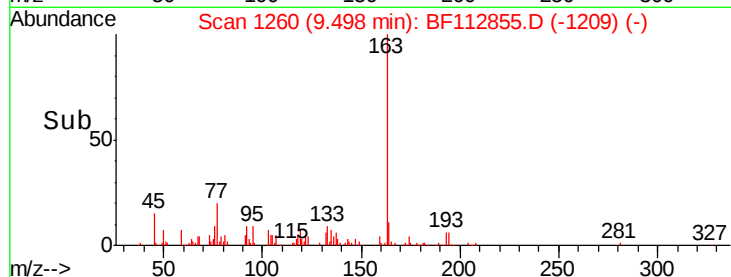
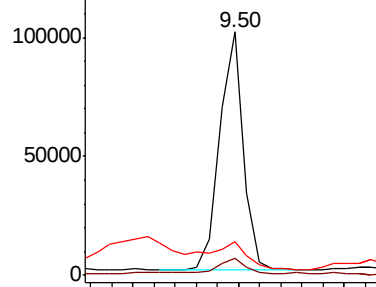
#50
Dimethylphthalate
Concen: 6.270 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

Tgt Ion:163 Resp: 78382
Ion Ratio Lower Upper
163 100
194 6.8 3.0 4.4#
164 13.6 8.4 12.6#

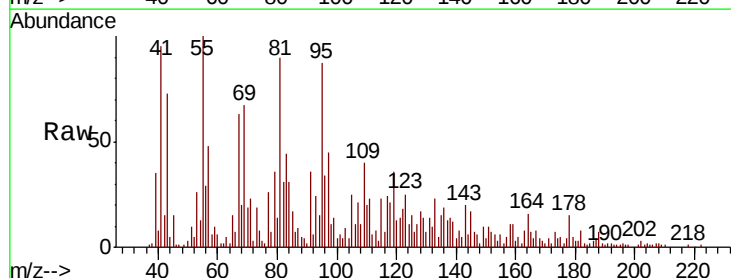


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

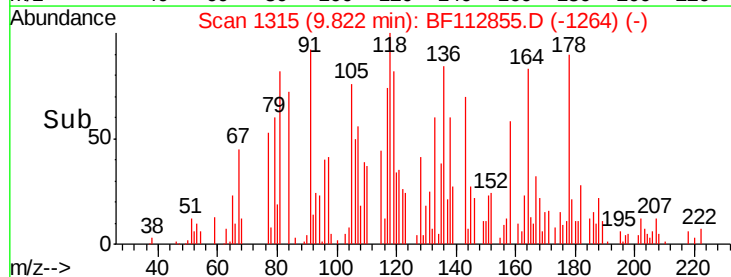
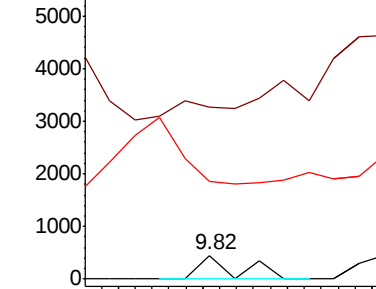


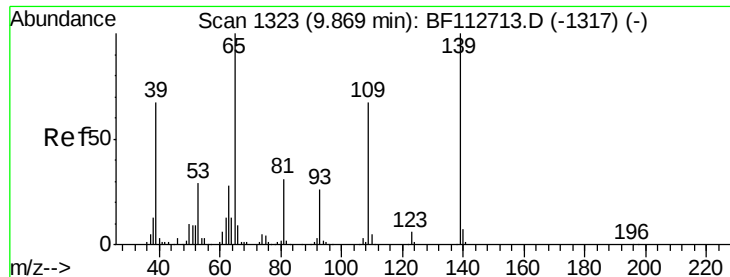
#54
2,4-Dinitrophenol
Concen: 6.698 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:184 Resp: 283
Ion Ratio Lower Upper
184 100
63 714.4 45.3 67.9#
154 408.1 46.0 69.0#



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

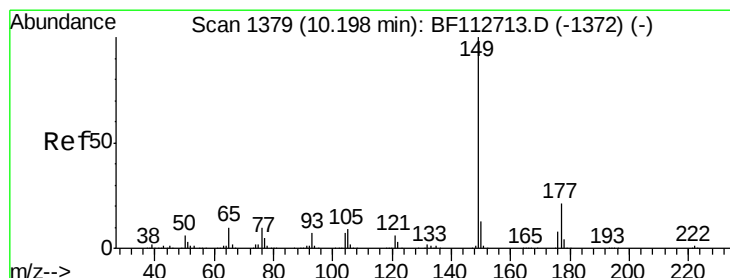
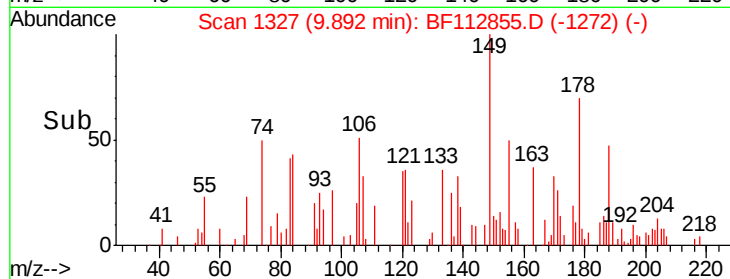
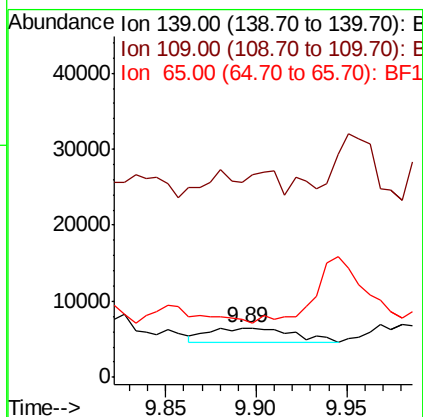
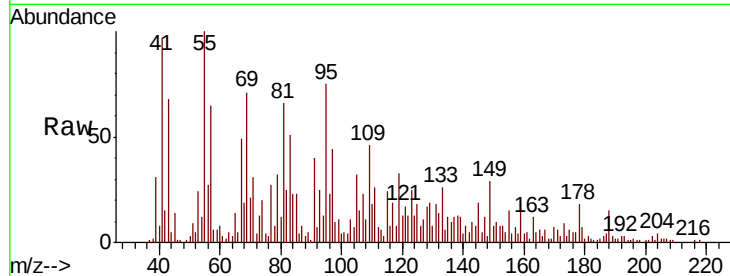




#56
4-Nitrophenol
Concen: 2.402 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

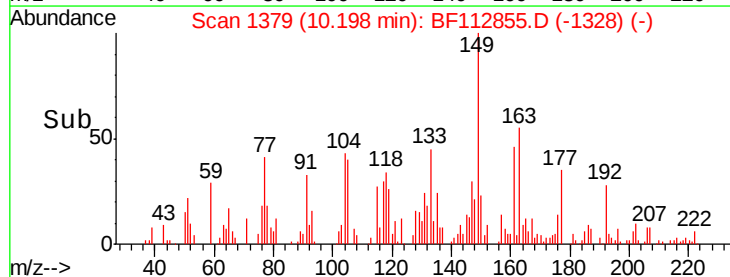
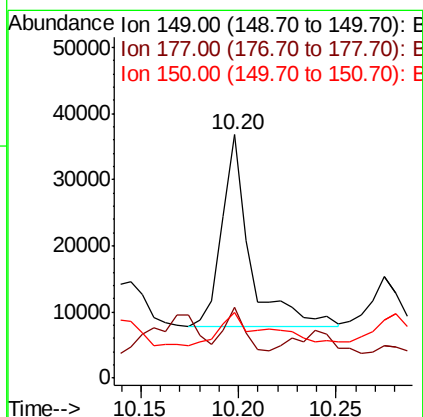
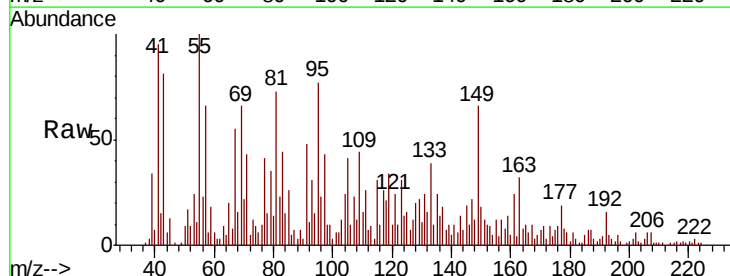
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

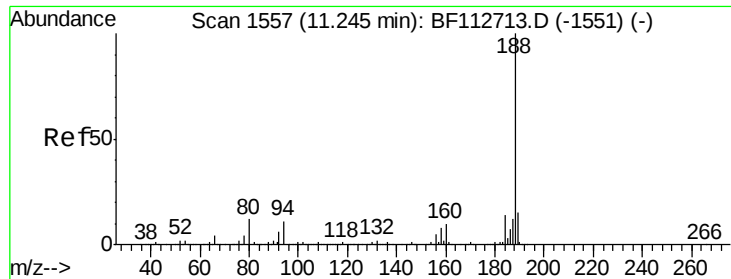
Tgt Ion:139 Resp: 6194
Ion Ratio Lower Upper
139 100
109 396.2 46.8 86.8#
65 118.9 80.7 120.7



#60
Diethylphthalate
Concen: 2.204 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:149 Resp: 29103
Ion Ratio Lower Upper
149 100
177 29.0 17.0 25.6#
150 27.1 10.0 15.0#

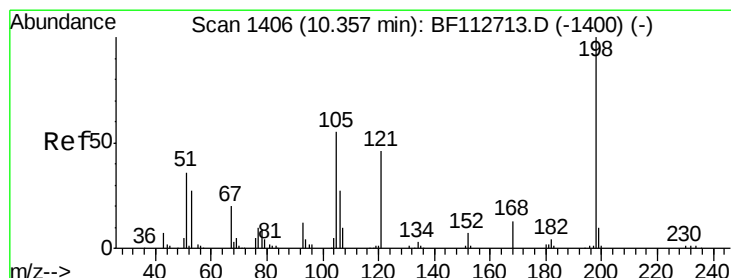
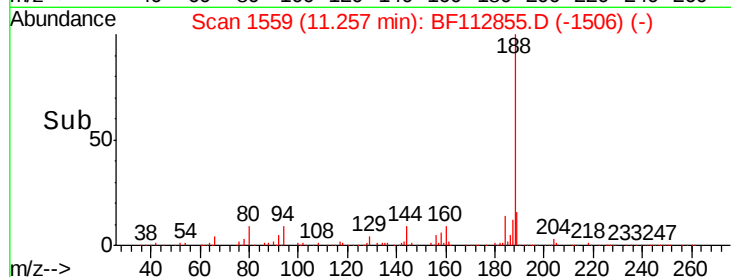
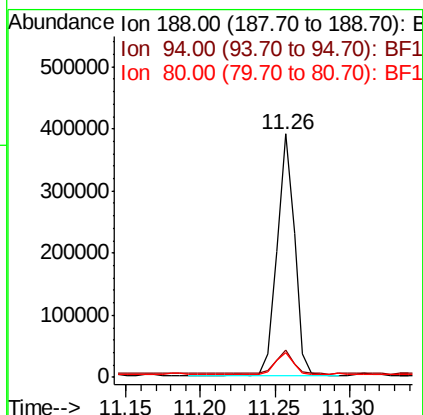
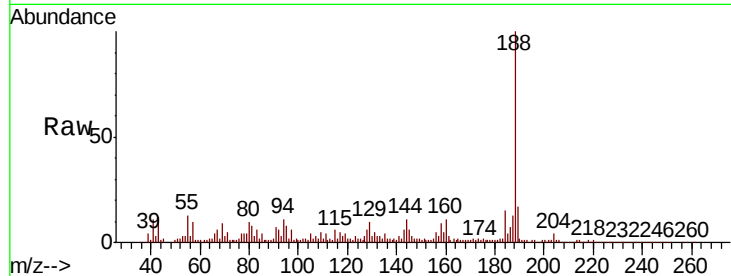




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

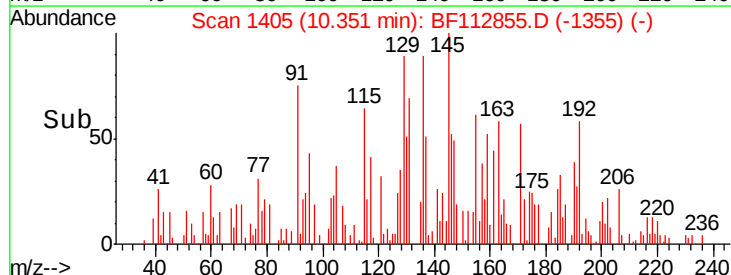
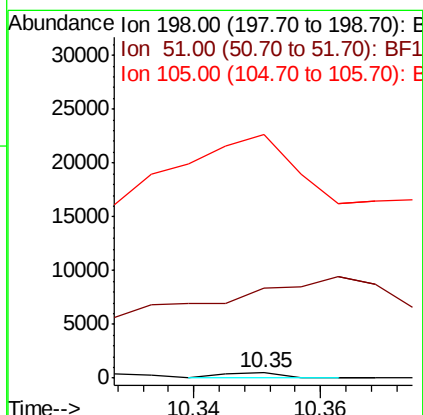
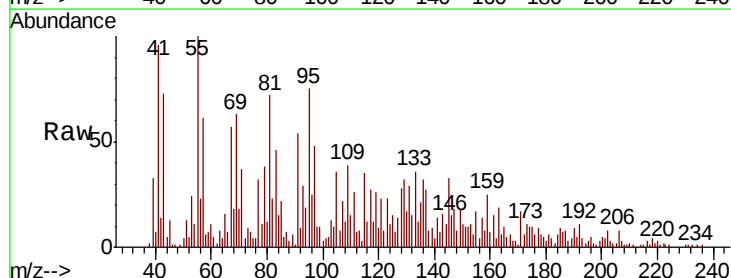
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

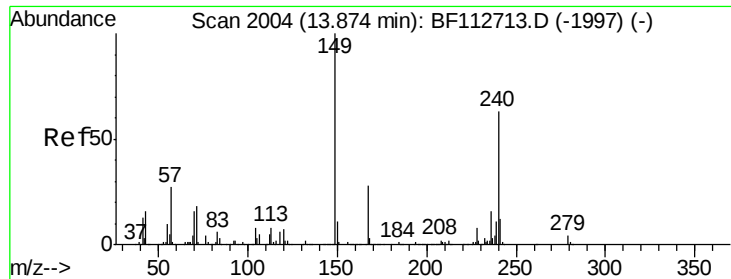
Tgt Ion:188 Resp: 321616
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 10.0 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.819 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 1739.2 43.8 83.8#
105 4716.7 36.5 76.5#

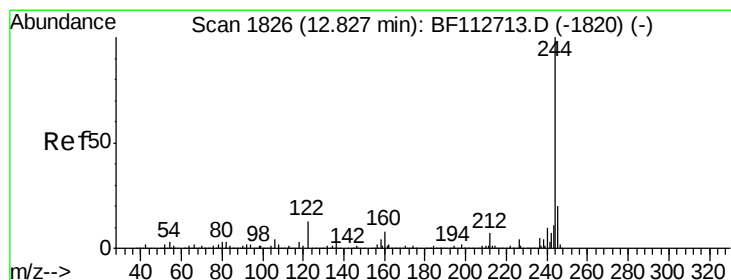
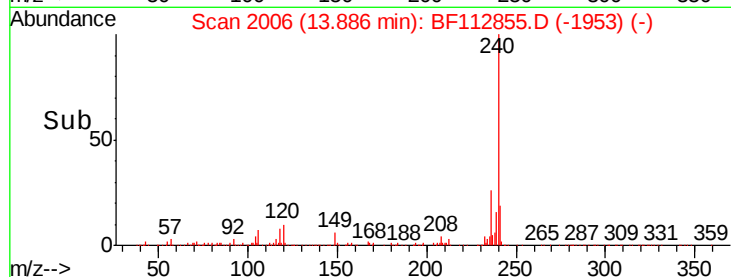
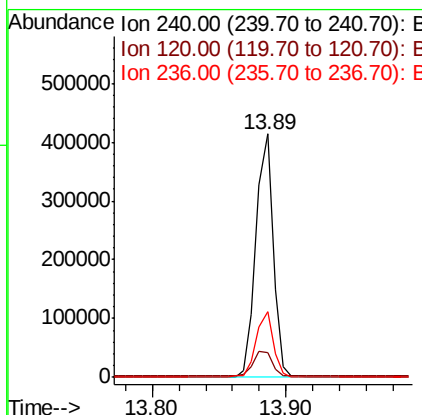
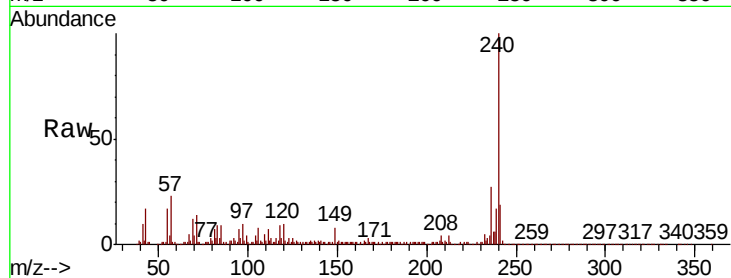




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

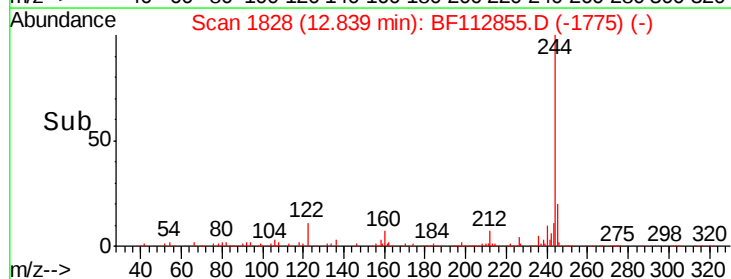
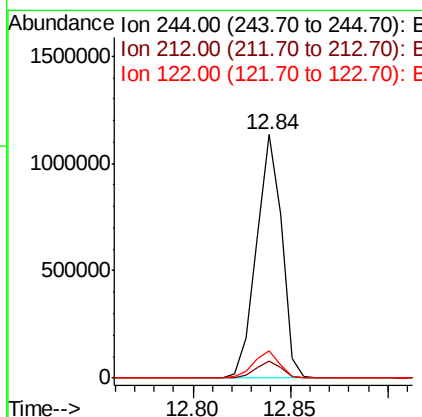
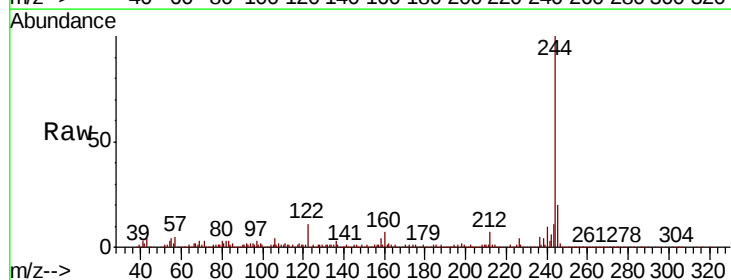
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

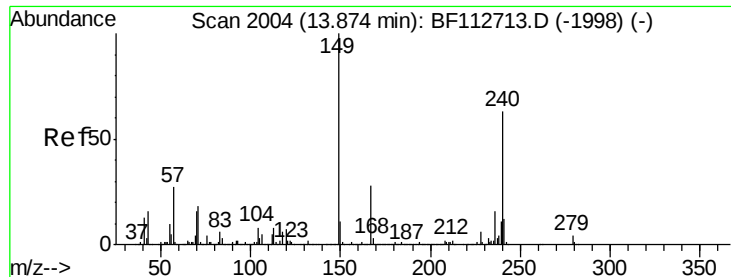
Tgt Ion:240 Resp: 362923
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 54.108 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Tgt Ion:244 Resp: 1012997
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.4 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.309 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

Instrument :

BNA_F

ClientSampleId :

NB-21841-21842

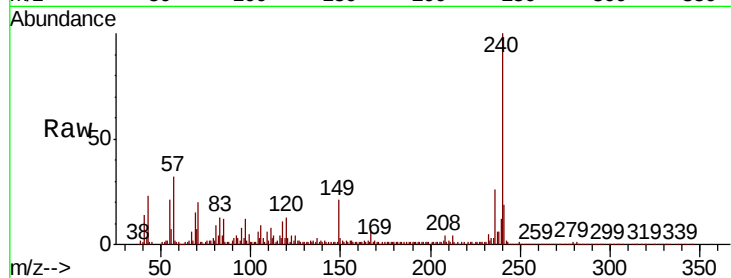
Tgt Ion:149 Resp: 52417

Ion Ratio Lower Upper

149 100

167 30.2 22.4 33.6

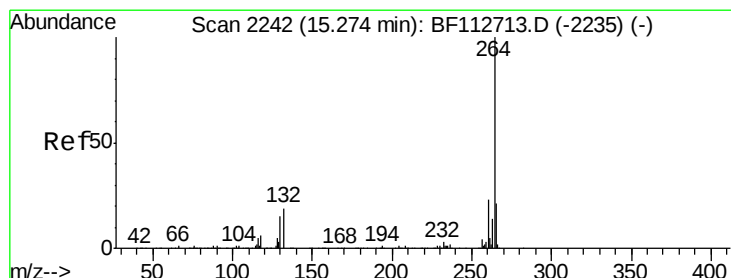
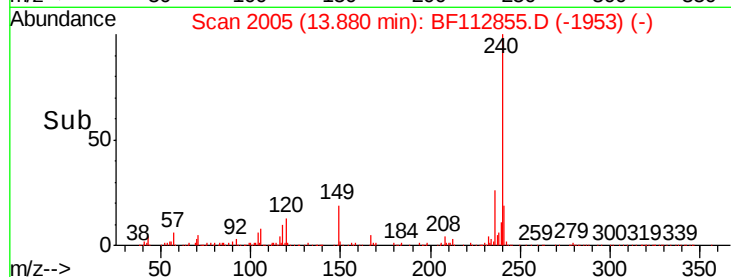
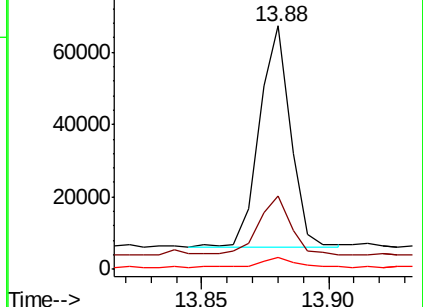
279 4.7 3.3 4.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112855.D

Acq: 5 Mar 2019 15:05

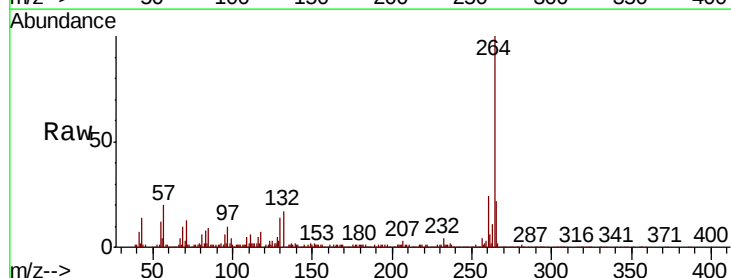
Tgt Ion:264 Resp: 408416

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 17.2 25.8



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

