

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 03:28:03 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

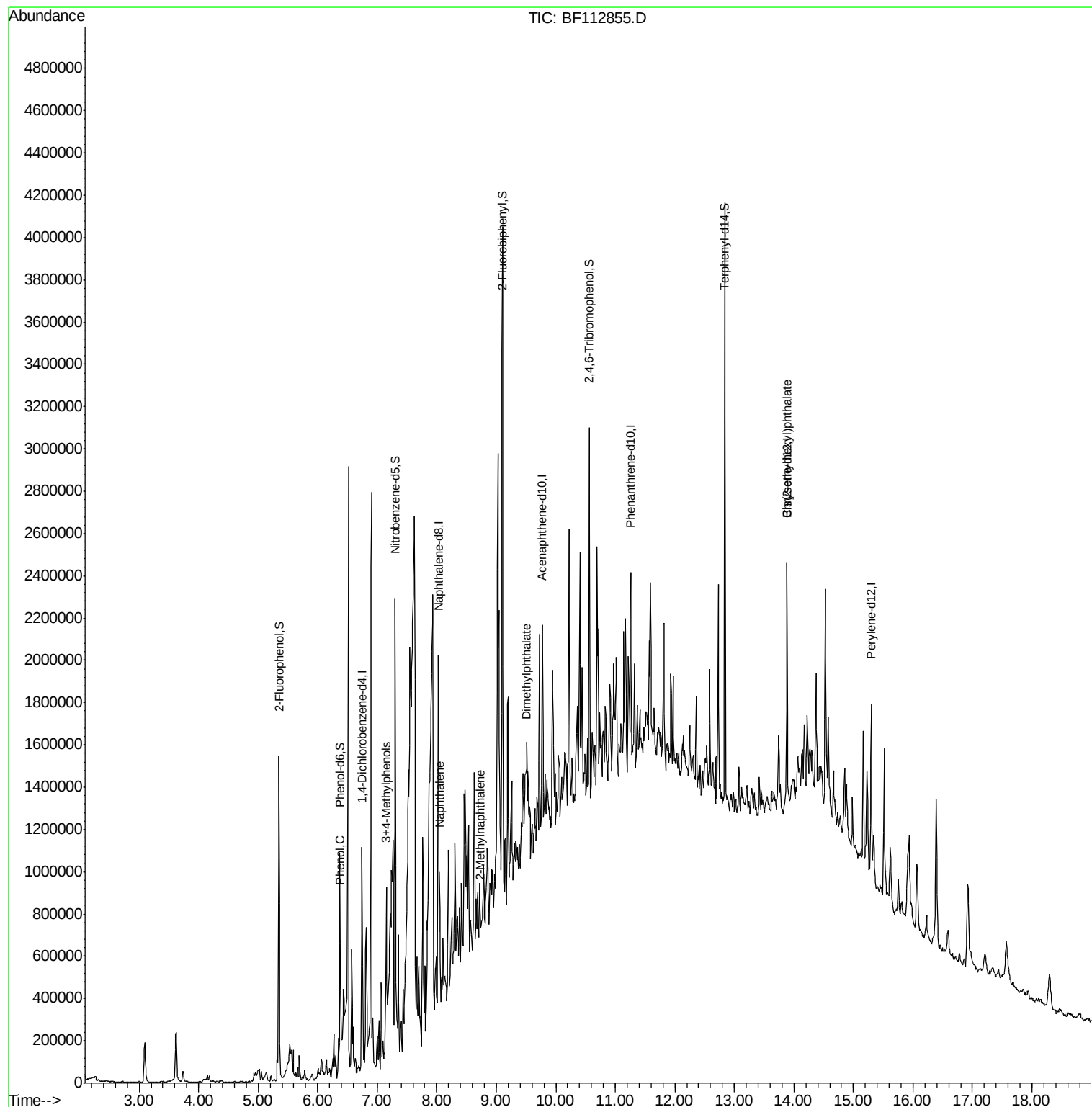
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139795	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	435012	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	169554	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	321616	20.00	ng	0.01
76) Chrysene-d12	13.89	240	362923	20.00	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						
10) Phenol	6.39	94	57208	4.343	ng	94
20) 3+4-Methylphenols	7.15	107	130774	14.273	ng	# 64
31) Naphthalene	8.05	128	124424	5.761	ng	97
37) 2-Methylnaphthalene	8.74	142	32373	2.321	ng	# 91
50) Dimethylphthalate	9.50	163	78382	6.270	ng	# 91
84) Bis(2-ethylhexyl)phthalate	13.88	149	52417	3.309	ng	96

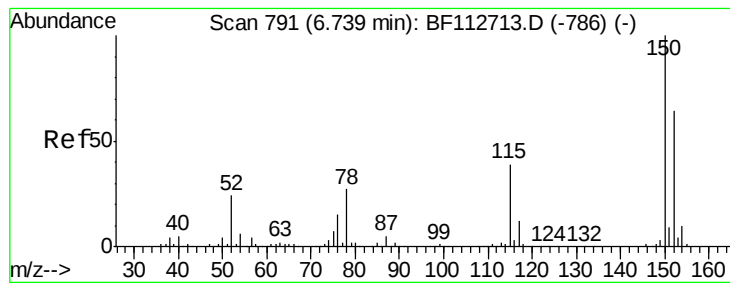
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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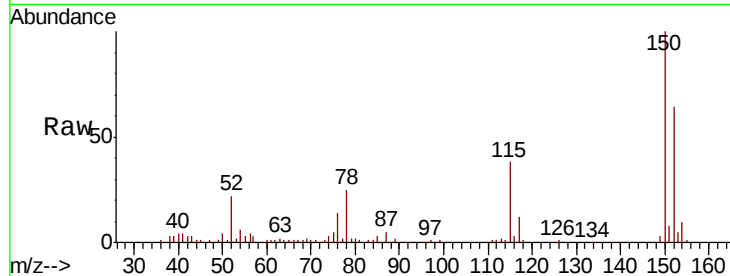


#1

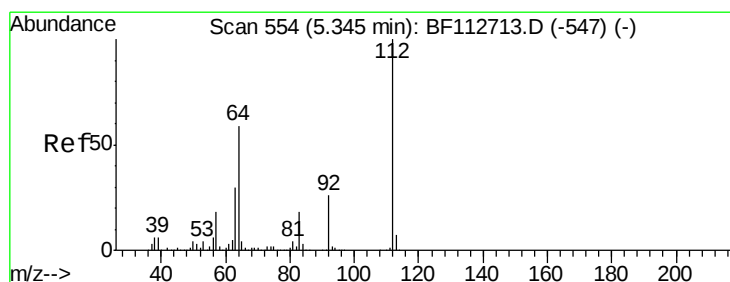
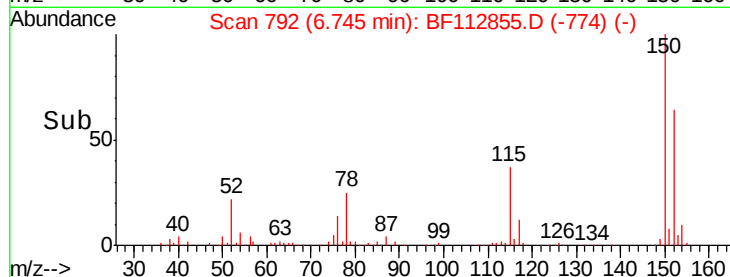
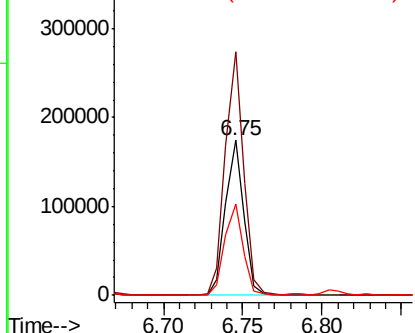
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

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



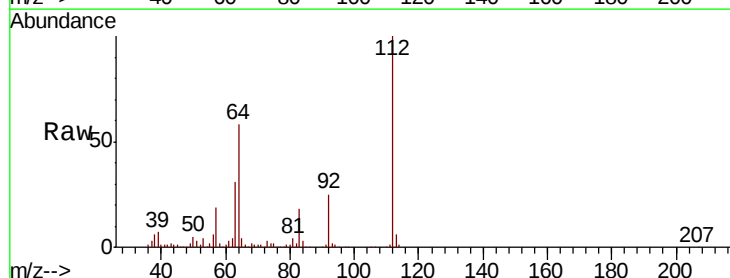
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



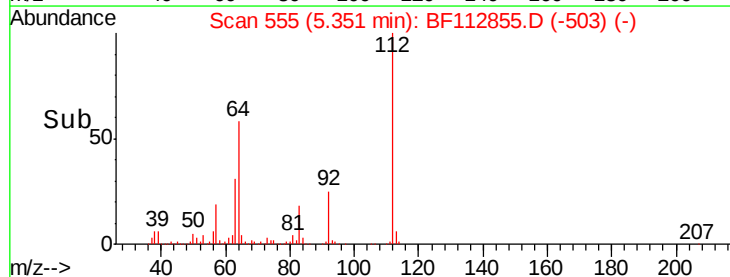
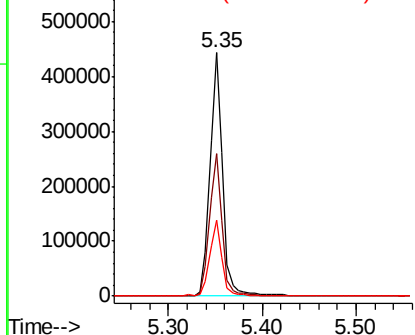
#5

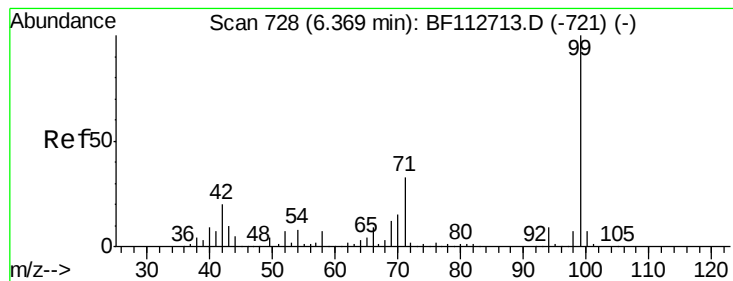
2-Fluorophenol
 Concen: 47.315 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

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

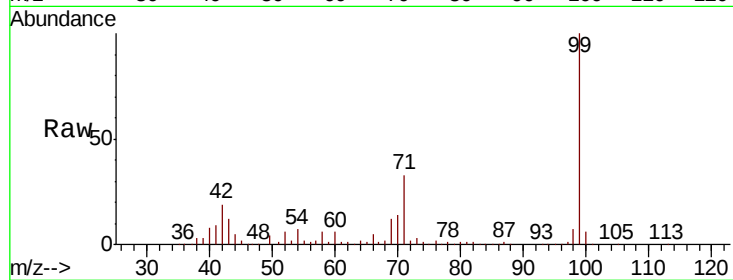
Tot Ion: 99 Resp: 315396

Ion Ratio Lower Upper

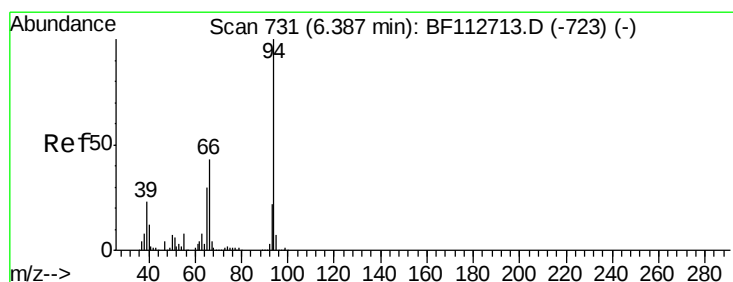
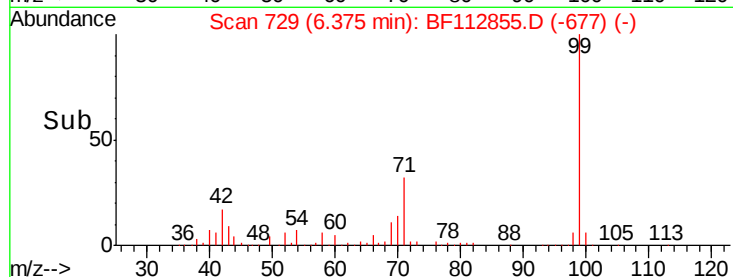
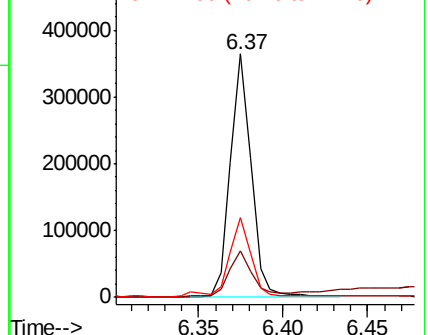
99 100

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

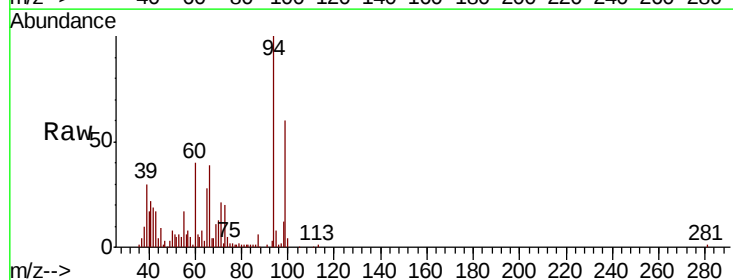
Tgt Ion: 94 Resp: 57208

Ion Ratio Lower Upper

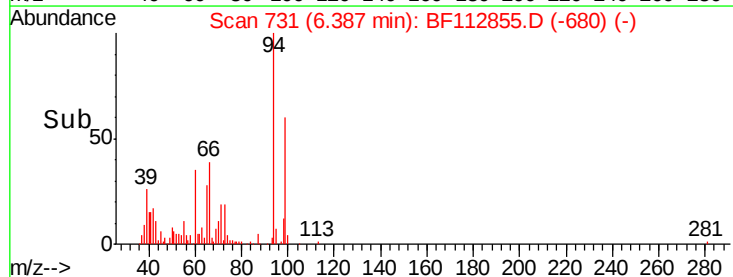
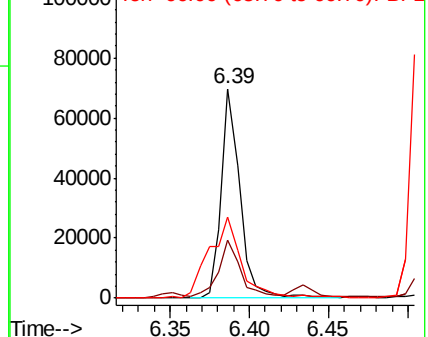
94 100

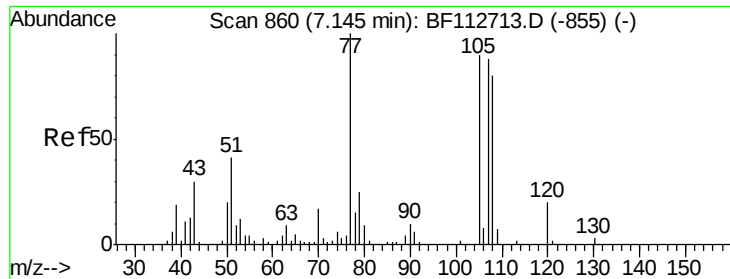
65 27.9 10.5 50.5

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

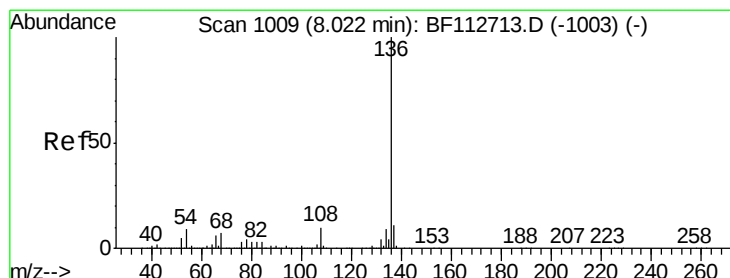
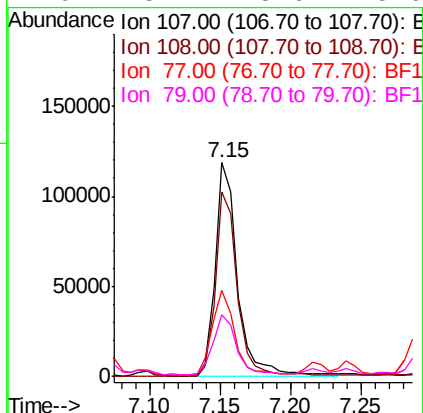
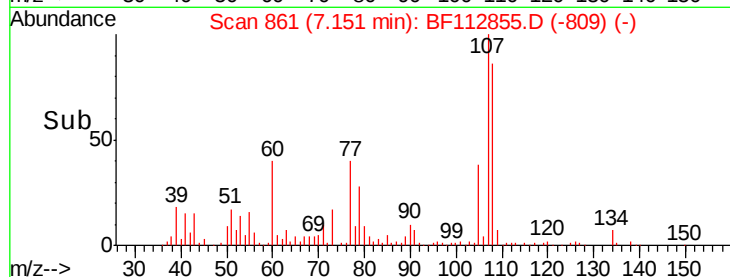
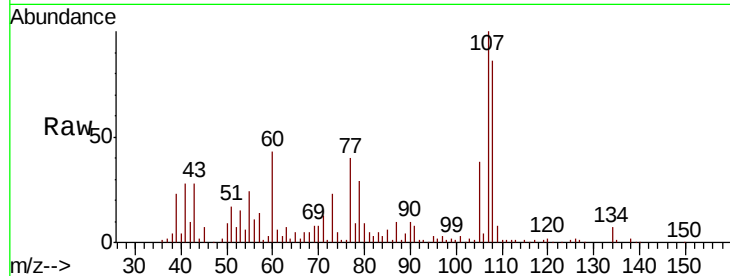




#20
3+4-Methylphenols
Concen: 14.273 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

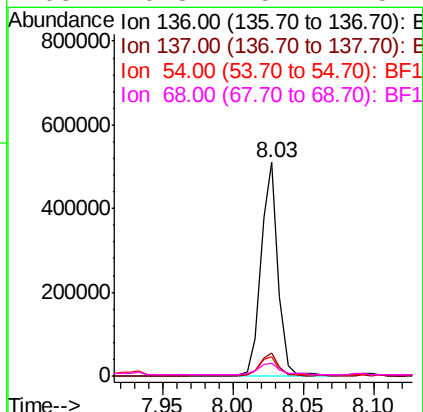
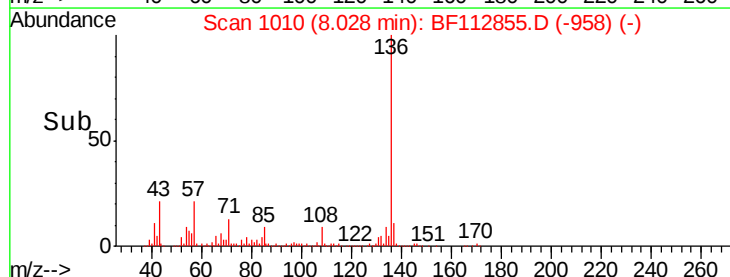
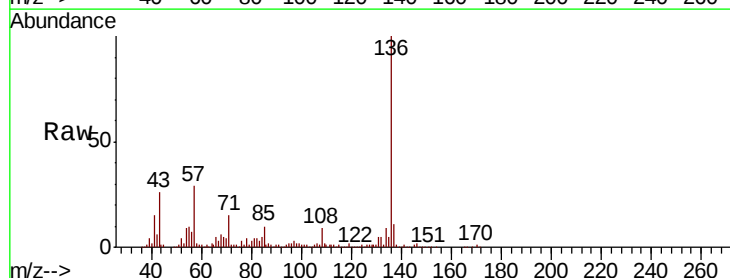
Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

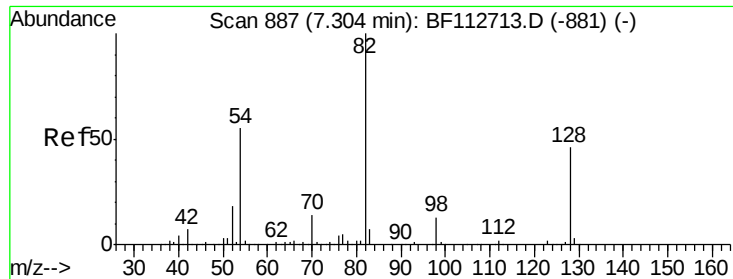
Tot Ion:107 Resp: 130774
Ion Ratio Lower Upper
107 100
108 86.1 71.4 111.4
77 40.1 94.1 134.1#
79 28.7 8.6 48.6



#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

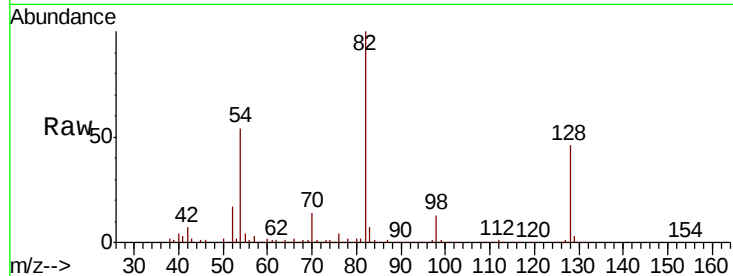




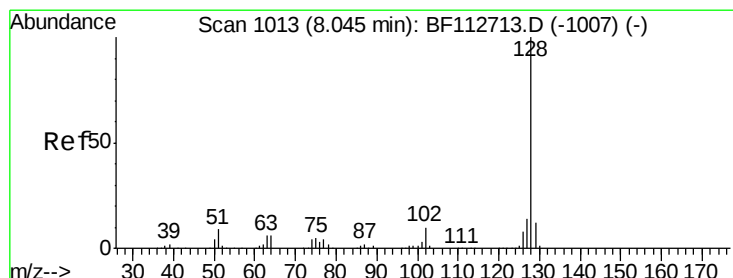
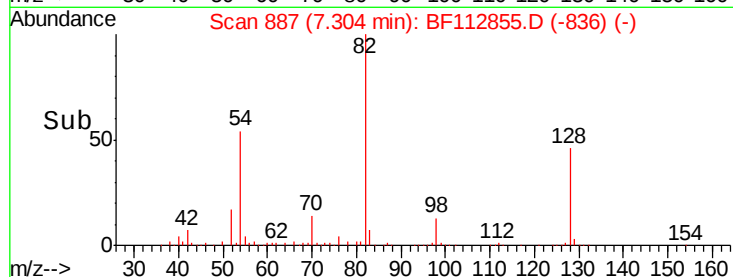
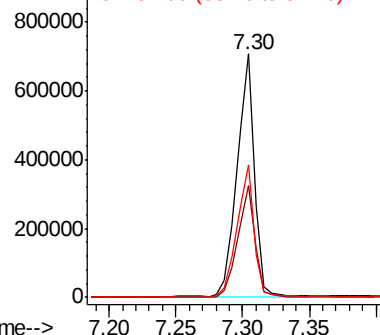
#23
Nitrobenzene-d5
Concen: 87.247 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

Tot Ion: 82 Resp: 634273
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 54.1 43.7 65.5

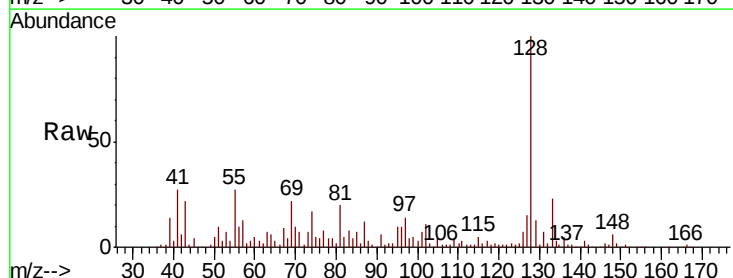


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

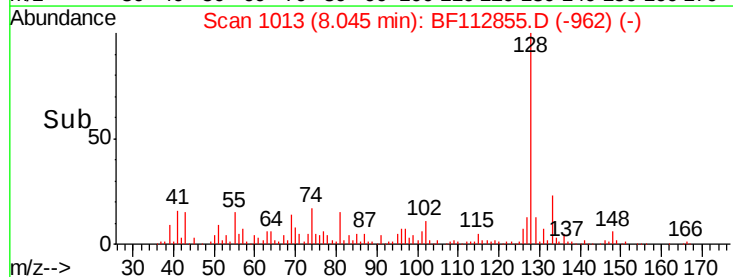
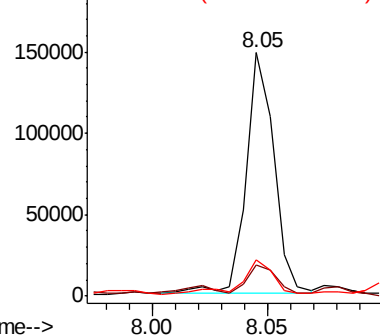


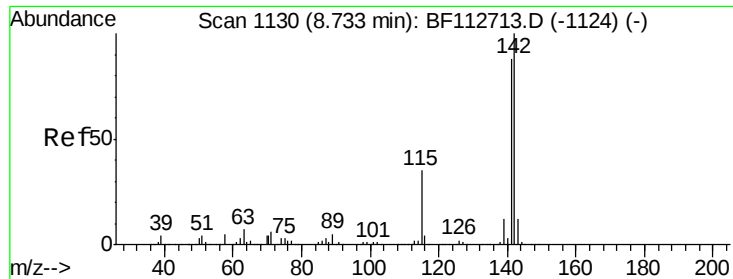
#31
Naphthalene
Concen: 5.761 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

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

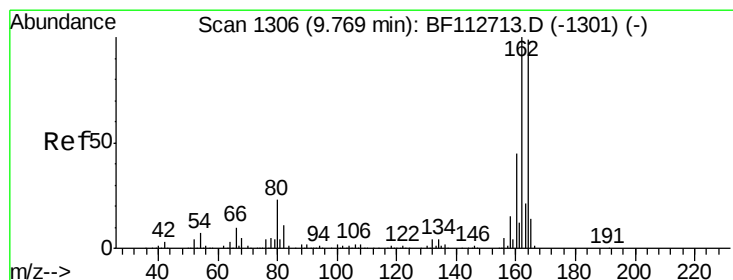
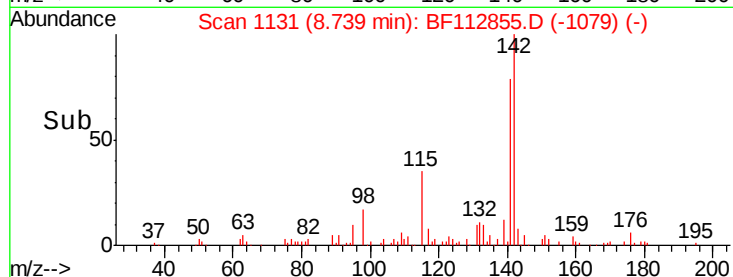
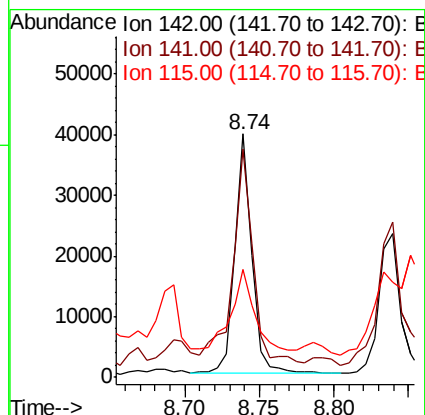
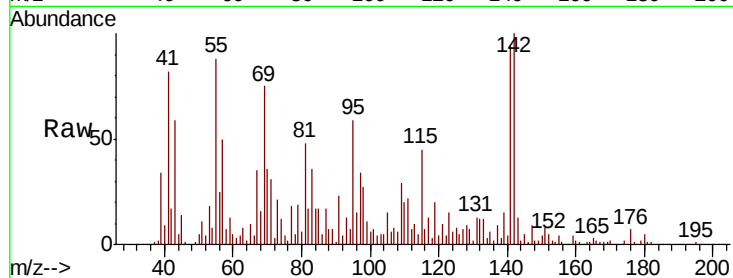




#37
2-Methylnaphthalene
Concen: 2.321 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

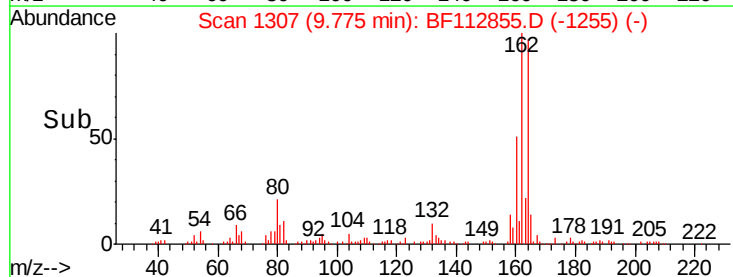
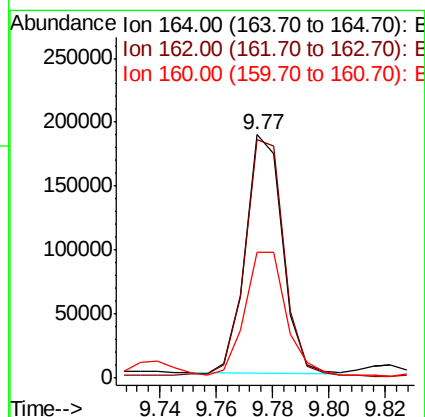
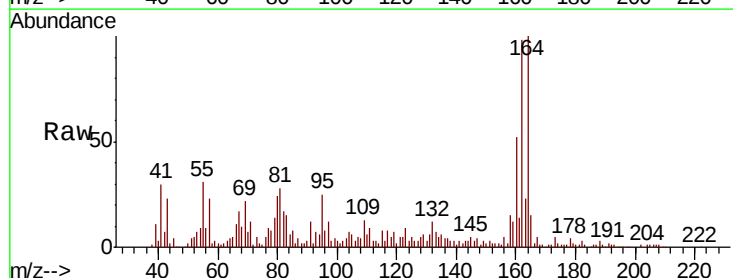
Instrument :
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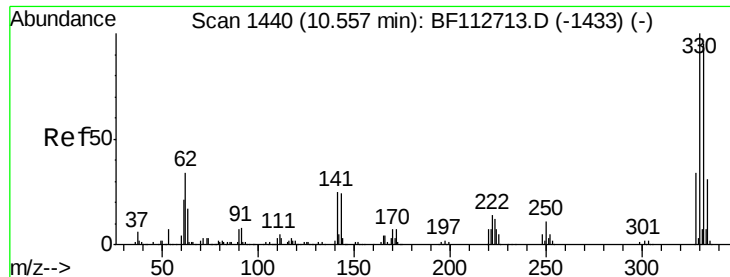
Tot Ion:142 Resp: 32373
Ion Ratio Lower Upper
142 100
141 93.6 70.3 105.5
115 44.5 27.8 41.6#



#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

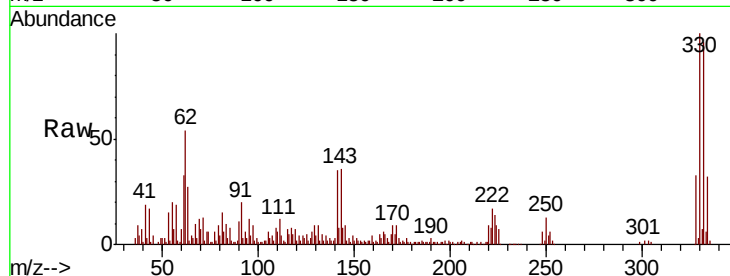




#42
 2,4,6-Tribromophenol
 Concen: 132.607 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

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

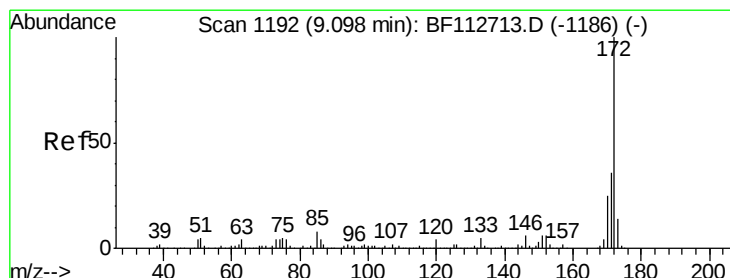
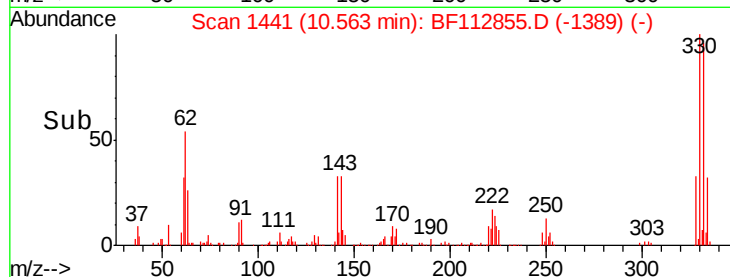
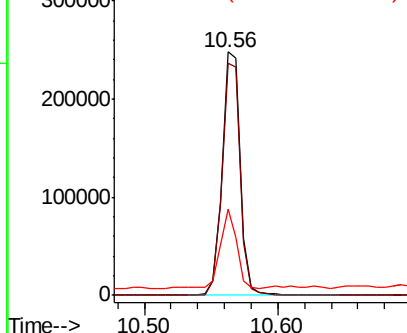


Abundance

Ion 329.80 (329.50 to 330.50): E

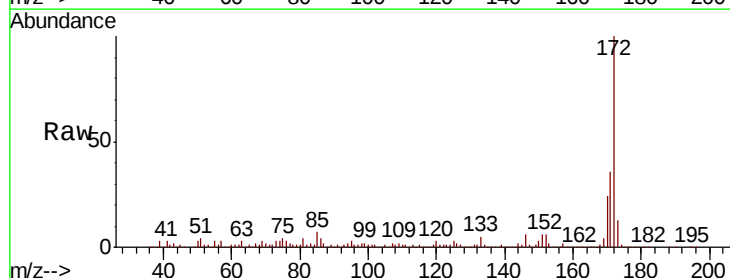
Ion 331.80 (331.50 to 332.50): E

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

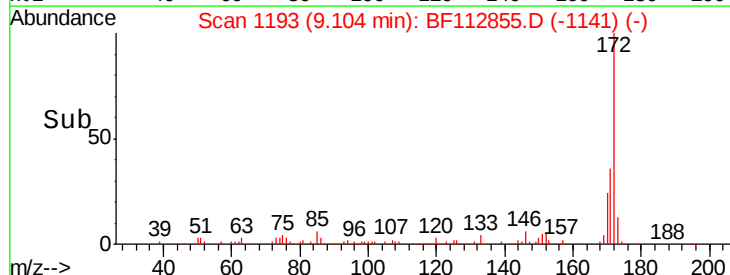
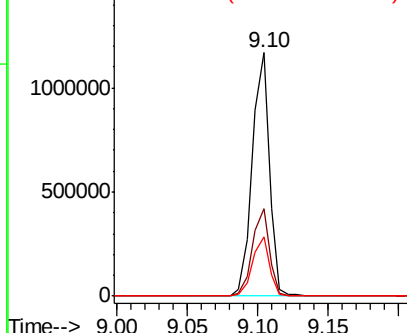


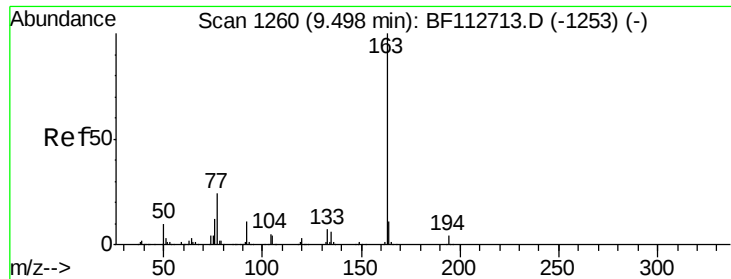
Abundance

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

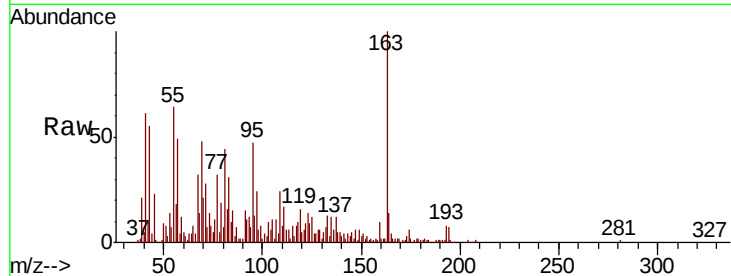




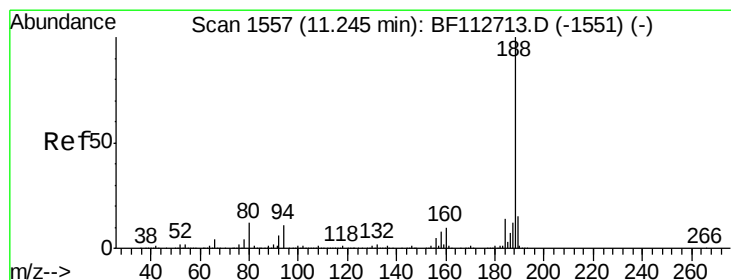
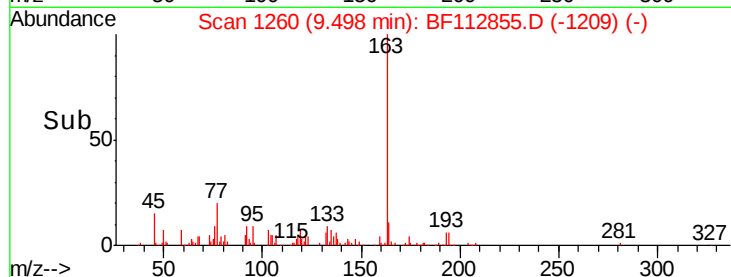
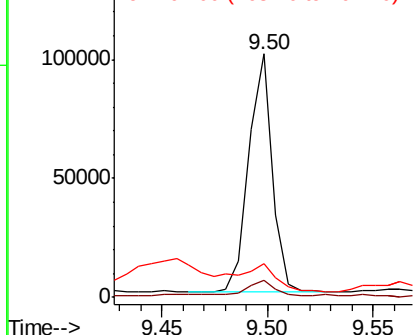
#50
Dimethylphthalate
Concen: 6.270 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

Instrument :
BNA_F
ClientSampleId :
NB-21841-21842

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

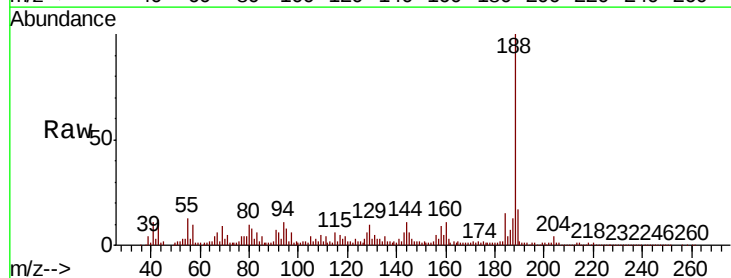


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

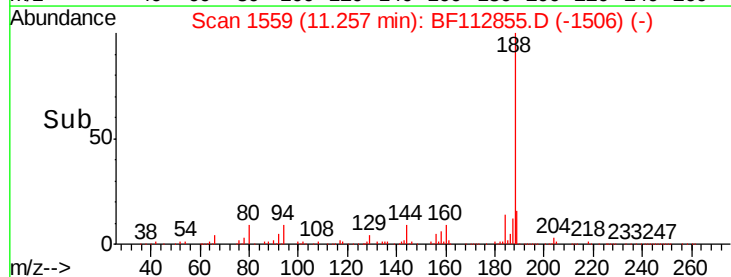
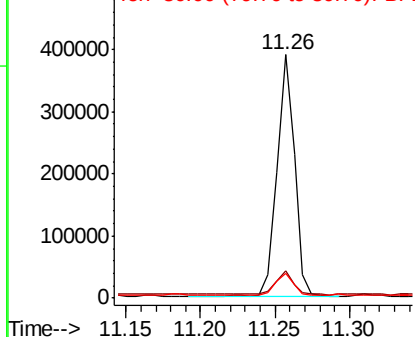


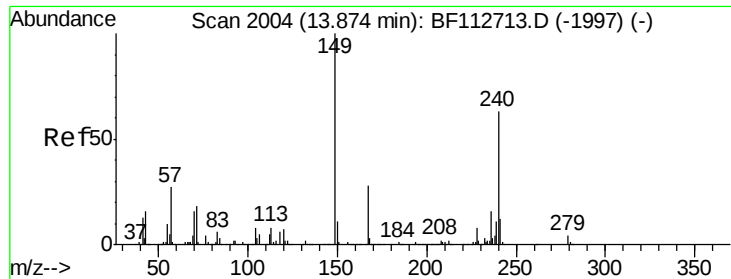
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112855.D
Acq: 5 Mar 2019 15:05

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



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

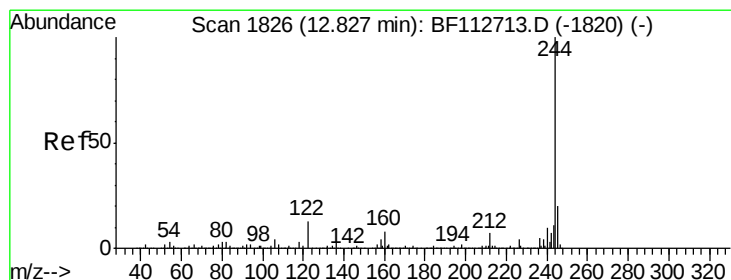
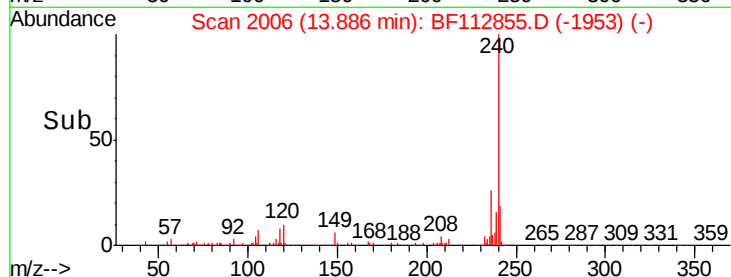
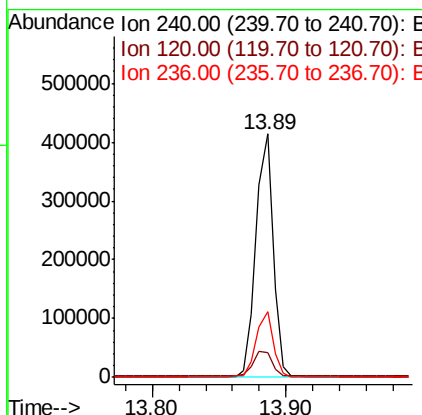
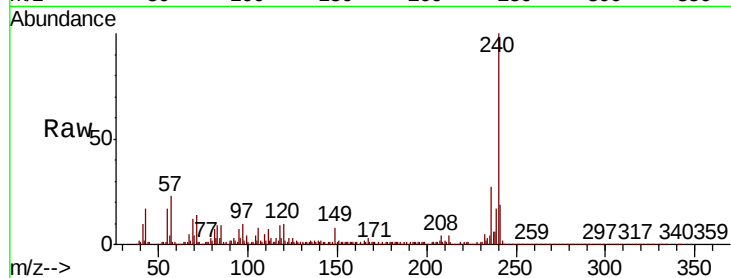




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF112855.D
 Acq: 5 Mar 2019 15:05

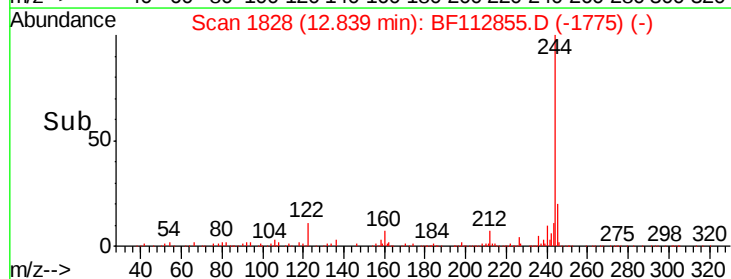
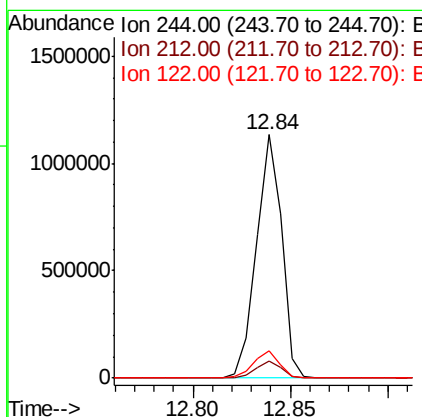
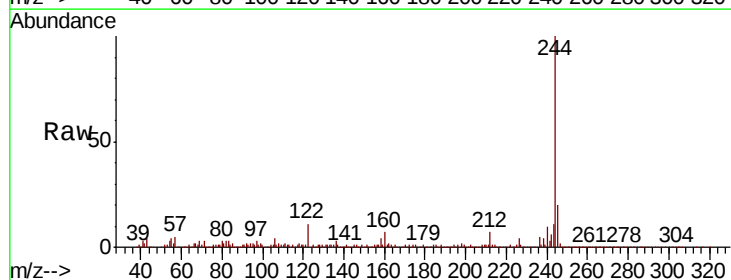
Instrument :
 BNA_F
 ClientSampleId :
 NB-21841-21842

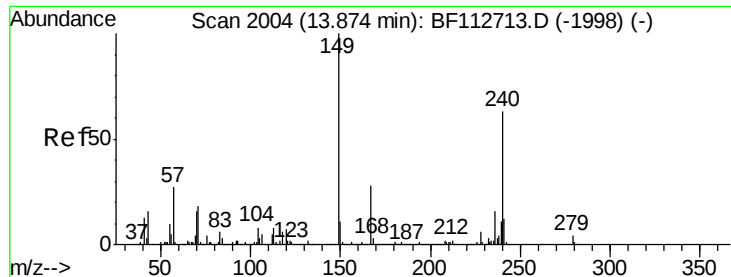
Tot Ion:240 Resp: 362923
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.9 13.3
 236 26.7 20.7 31.1



#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

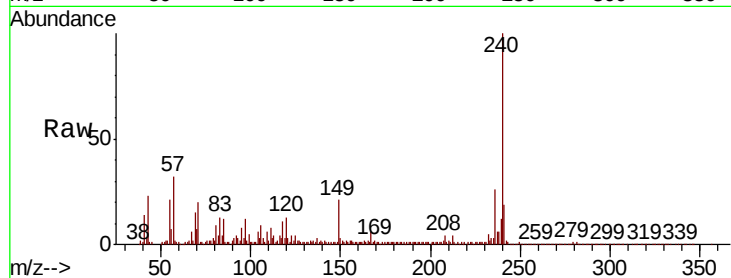
Tot Ion:149 Resp: 52417

Ion Ratio Lower Upper

149 100

167 30.2 22.4 33.6

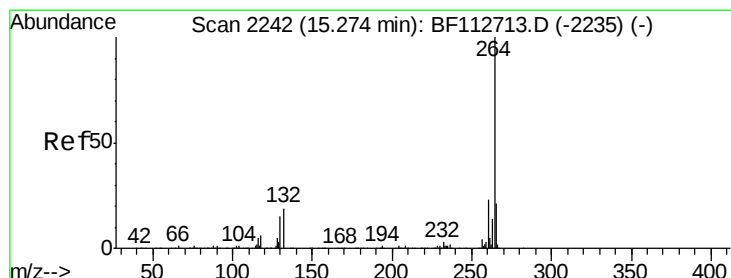
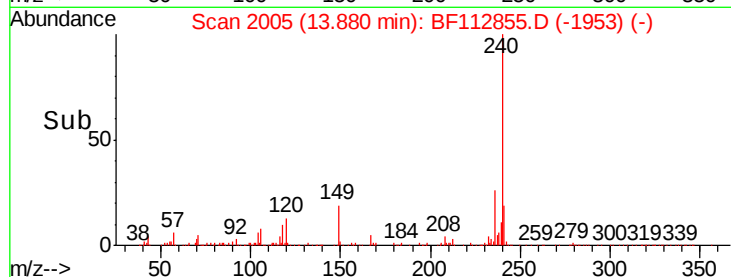
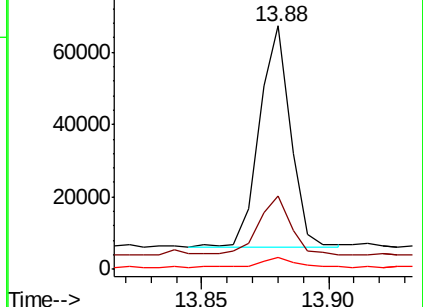
279 4.7 3.3 4.9



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

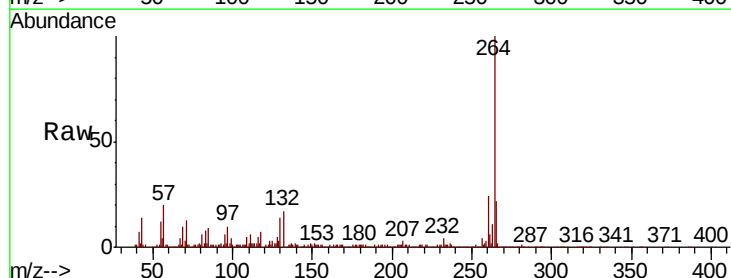
Tgt Ion:264 Resp: 408416

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

