

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113129.D
 Acq On : 19 Mar 2019 16:55
 Operator : JU/SJ
 Sample : K1940-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Quant Time: Mar 20 02:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

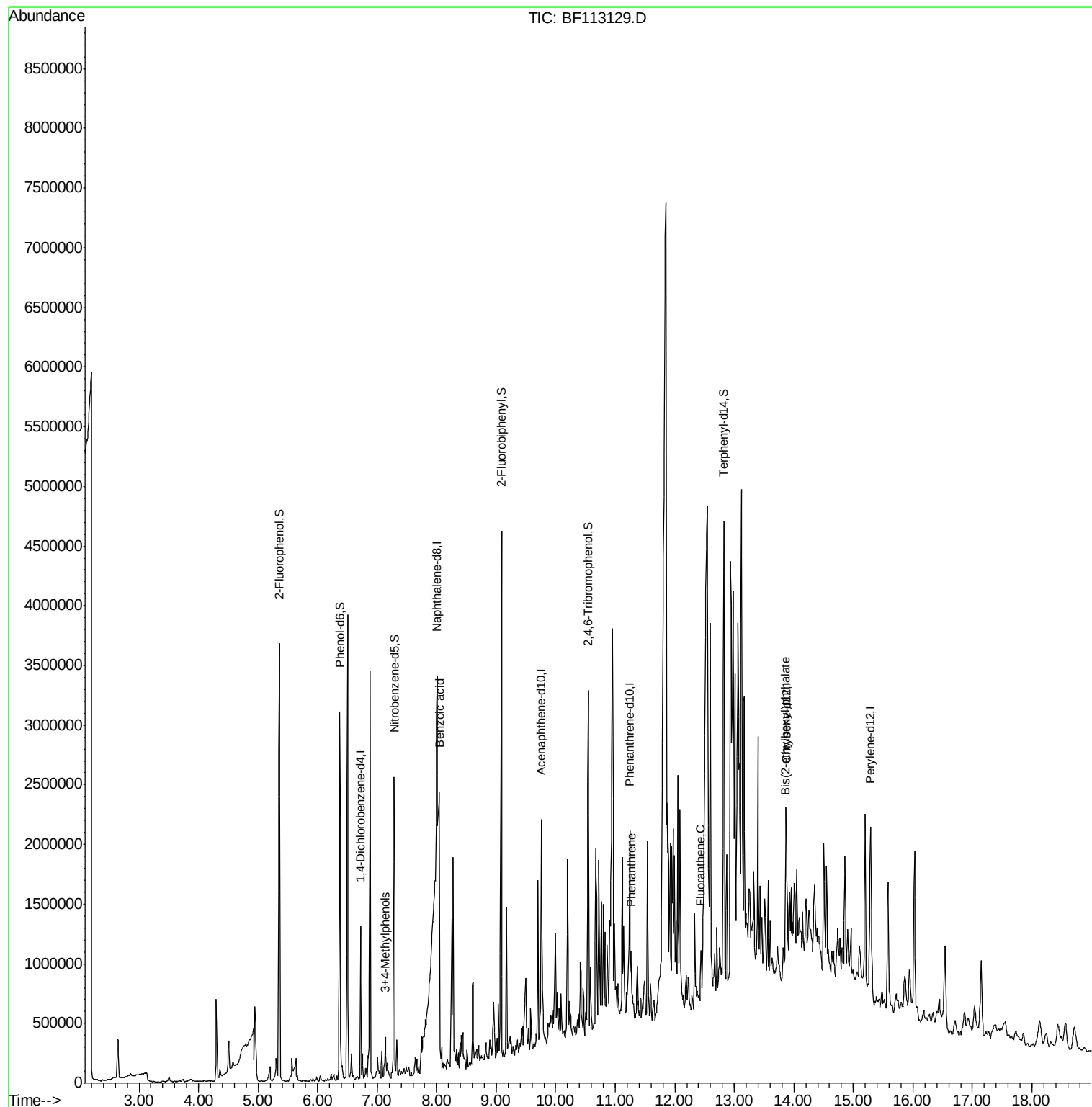
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183286	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	579118	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	304529	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	565888	20.00	ng	0.00
76) Chrysene-d12	13.87	240	460167	20.00	ng	0.00
87) Perylene-d12	15.28	264	446664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1181504	100.27	ng	0.01
7) Phenol-d6	6.37	99	1286209	86.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	902576	93.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	405692	125.49	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1570626	85.62	ng	0.00
79) Terphenyl-d14	12.82	244	1560859	65.75	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.14	107	79642	6.630	ng	Qvalue # 56
32) Benzoic acid	8.05	122	3655610	625.226	ng	95
71) Phenanthrene	11.26	178	77634	2.757	ng	96
75) Fluoranthene	12.45	202	62181	2.061	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	125410	6.244	ng	99

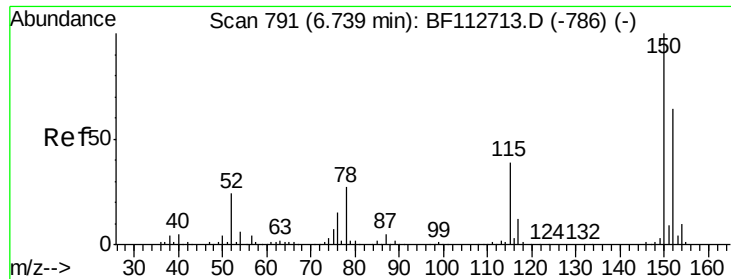
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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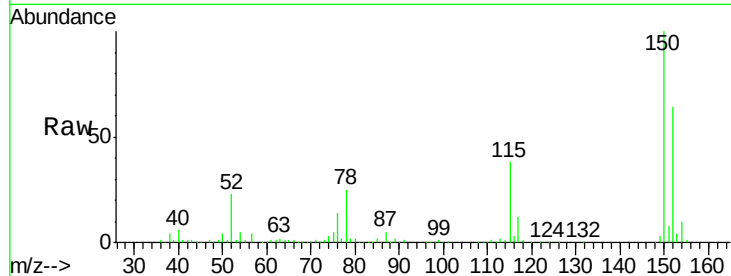


#1

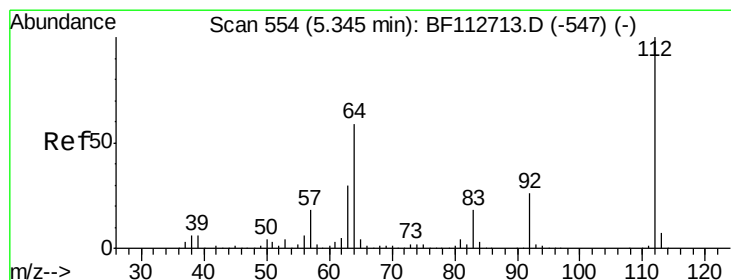
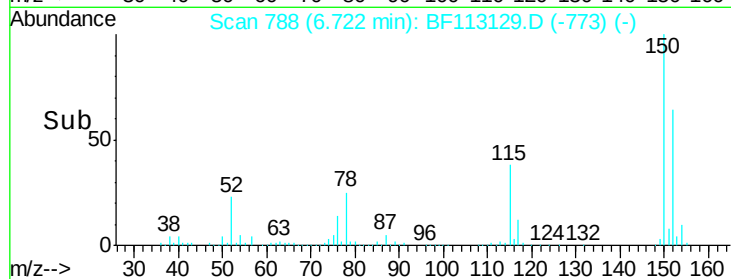
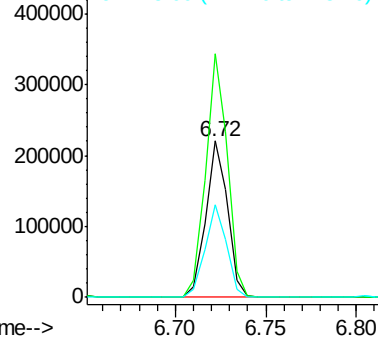
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113129.D
Acq: 19 Mar 2019 16:55

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:152 Resp: 183286
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.4 48.2 72.4



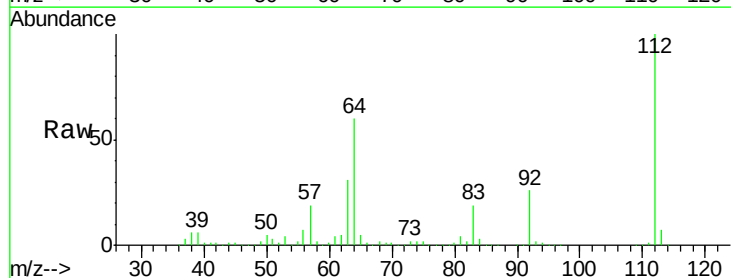
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



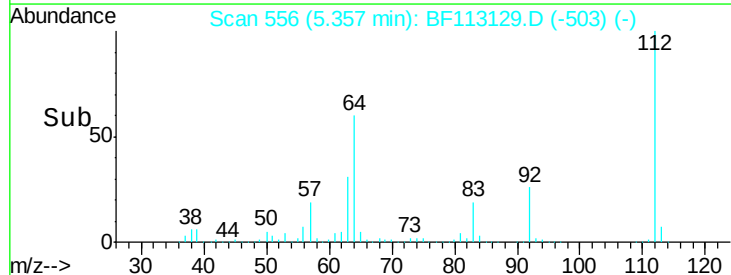
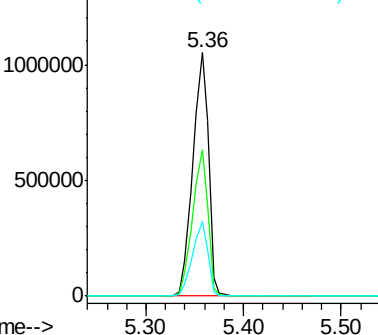
#5

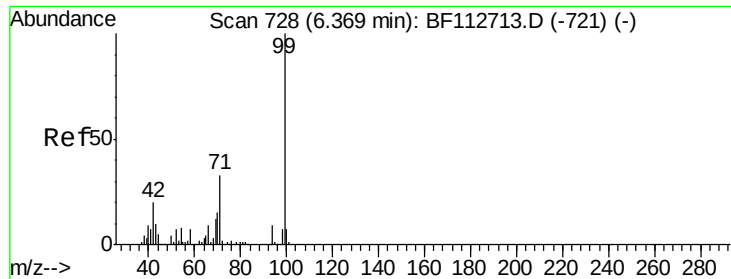
2-Fluorophenol
Concen: 100.274 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF113129.D
Acq: 19 Mar 2019 16:55

Tgt Ion:112 Resp: 1181504
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.6 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: 86.900 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

Instrument :

BNA_F

ClientSampled :

OVS

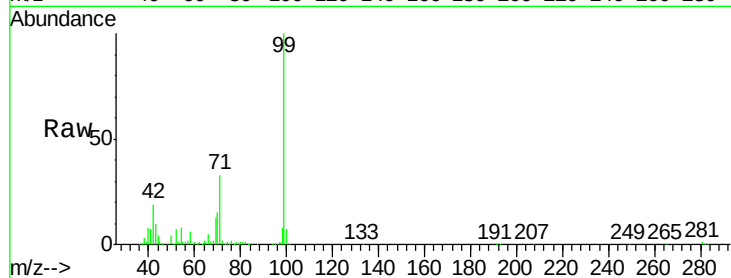
Tgt Ion: 99 Resp: 1286209

Ion Ratio Lower Upper

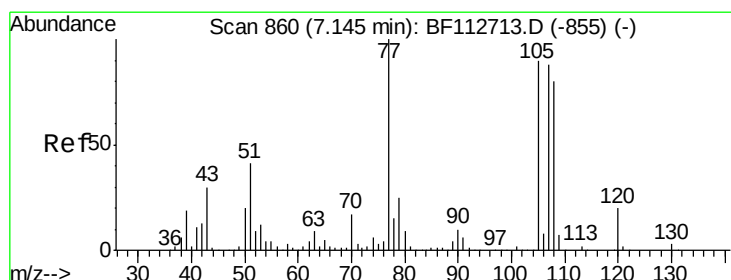
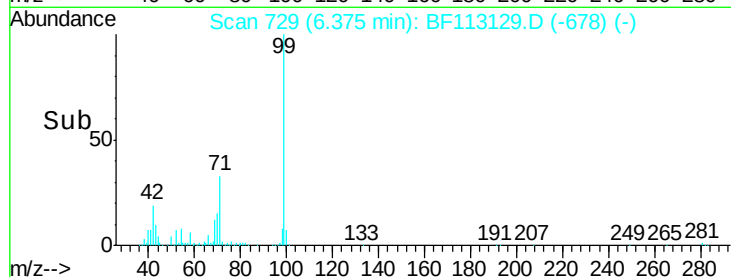
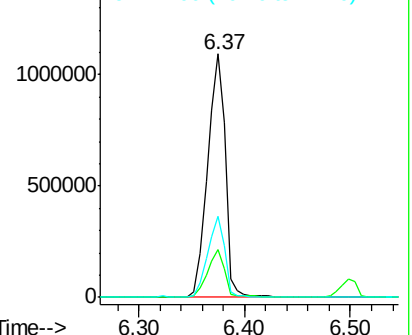
99 100

42 19.4 16.3 24.5

71 33.1 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



#20

3+4-Methylphenols

Concen: 6.630 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

Tgt Ion: 107 Resp: 79642

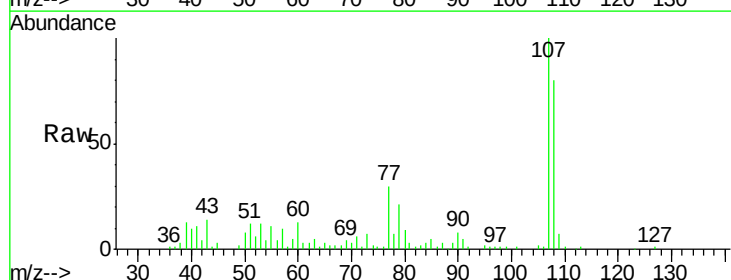
Ion Ratio Lower Upper

107 100

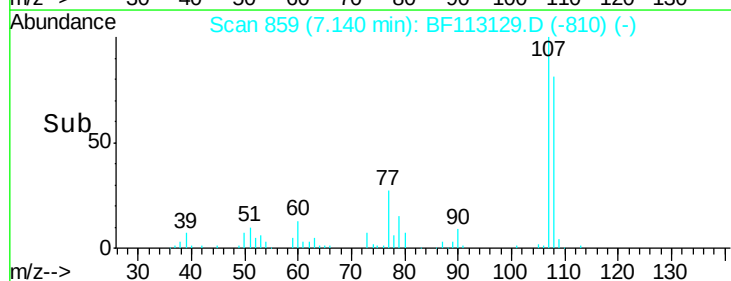
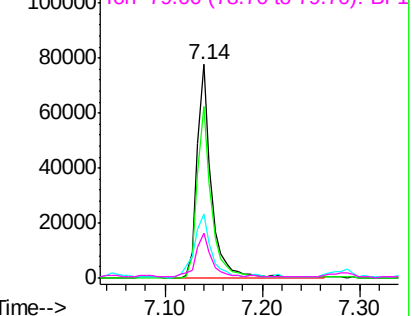
108 80.3 71.4 111.4

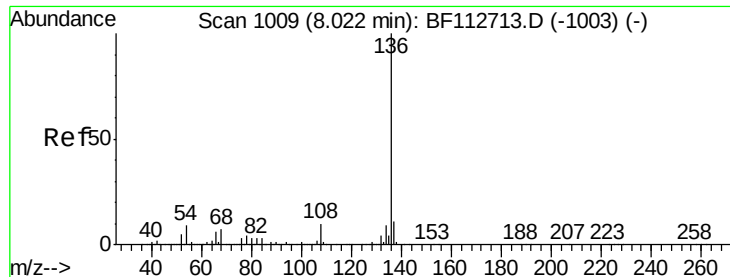
77 29.8 94.1 134.1#

79 21.1 8.6 48.6



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

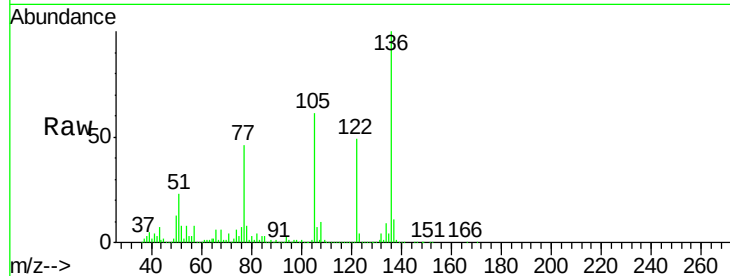




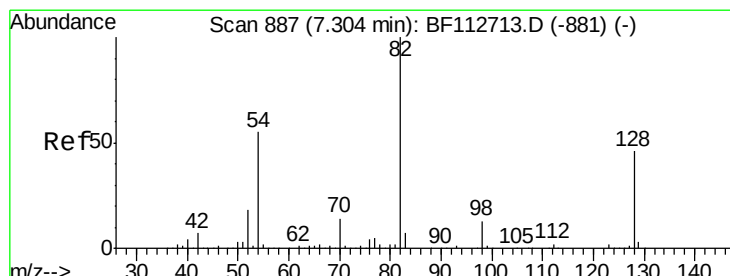
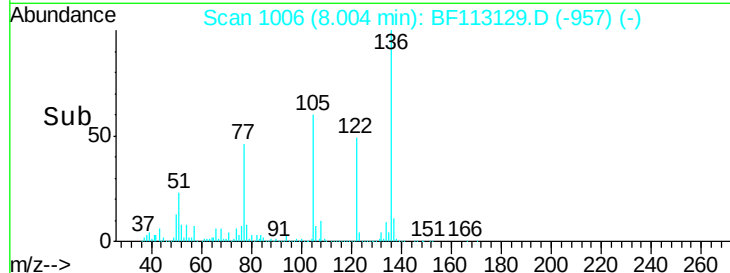
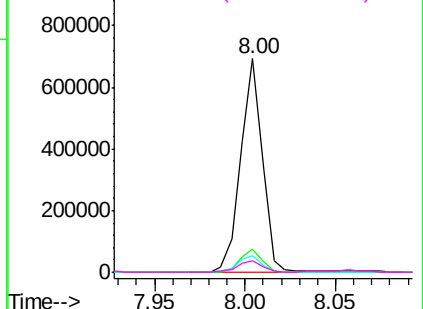
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113129.D
Acq: 19 Mar 2019 16:55

Instrument :
BNA_F
ClientSampleId :
OWS

Tgt Ion:	136	Resp:	579118
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	5.6	5.4	8.2

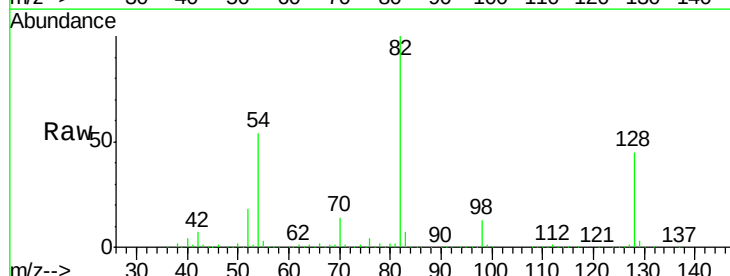


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

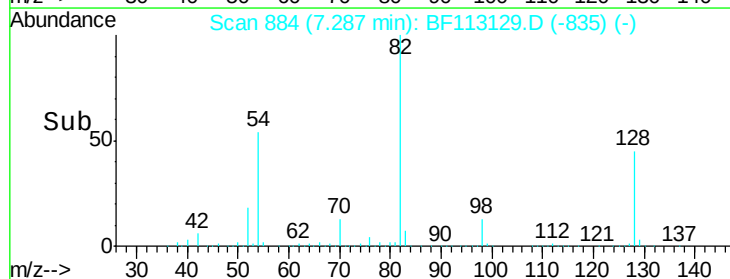
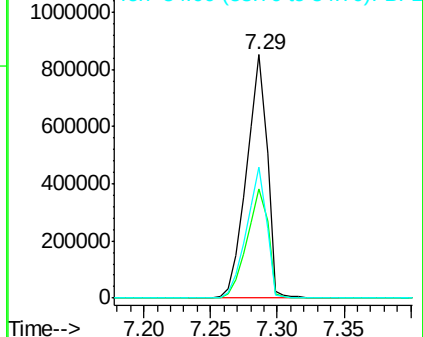


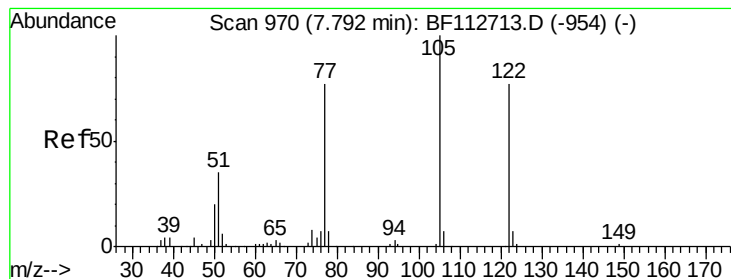
#23
Nitrobenzene-d5
Concen: 93.260 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113129.D
Acq: 19 Mar 2019 16:55

Tgt Ion:	82	Resp:	902576
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	53.6	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





#32

Benzoic acid

Concen: 625.226 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.24 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

Instrument :

BNA_F

ClientSampleId :

OWS

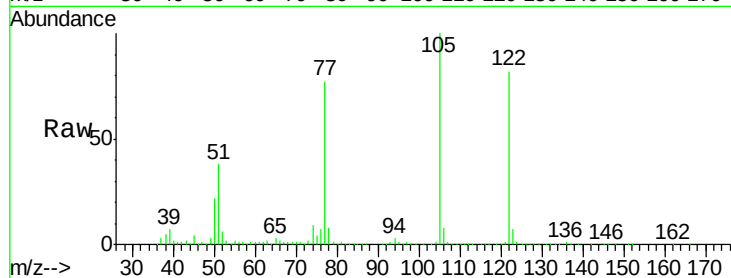
Tgt Ion:122 Resp: 3655610

Ion Ratio Lower Upper

122 100

105 121.2 106.8 146.8

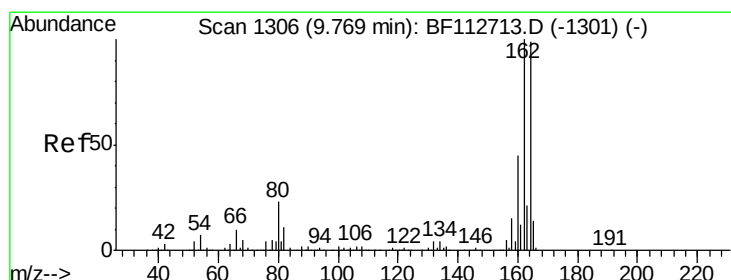
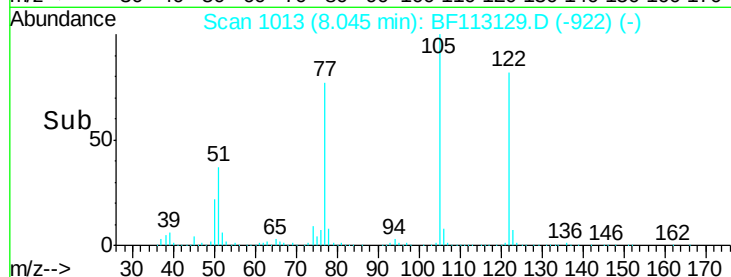
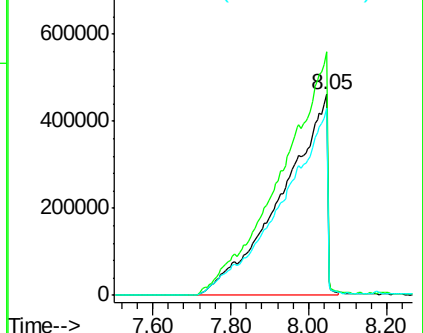
77 93.4 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

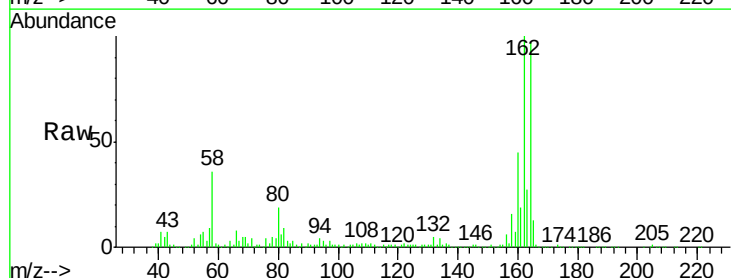
Tgt Ion:164 Resp: 304529

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

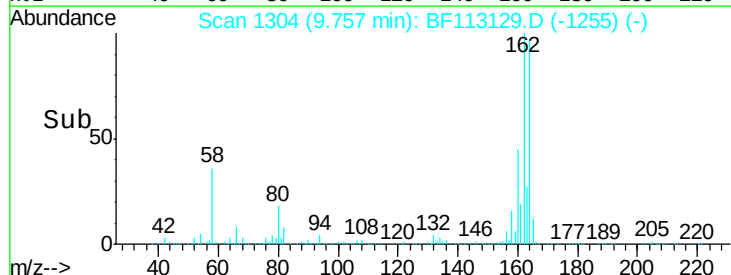
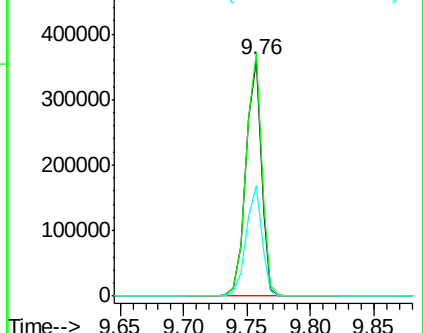
160 46.6 36.0 54.0

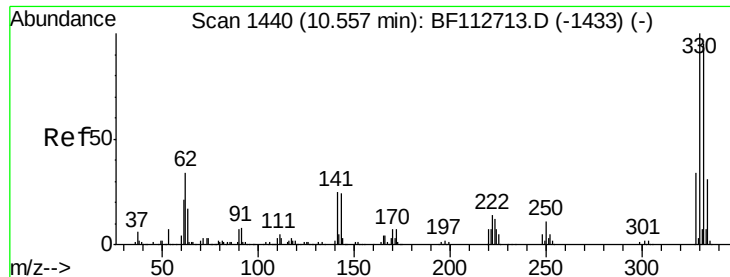


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

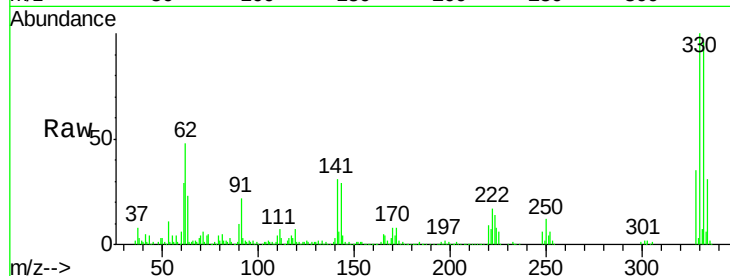




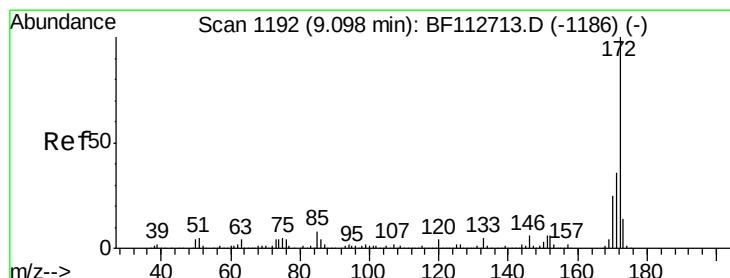
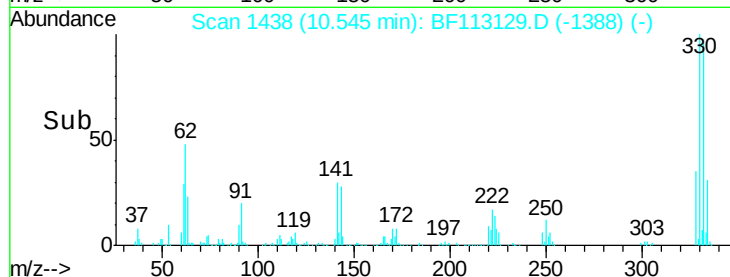
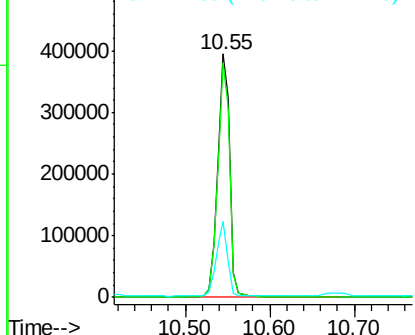
#42
 2,4,6-Tribromophenol
 Concen: 125.486 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113129.D
 Acq: 19 Mar 2019 16:55

Instrument :
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 ClientSampleId :
 OWS

Tgt Ion:330 Resp: 405692
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 28.7 27.0 40.6

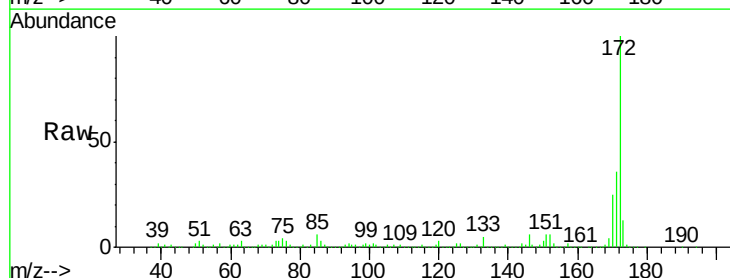


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

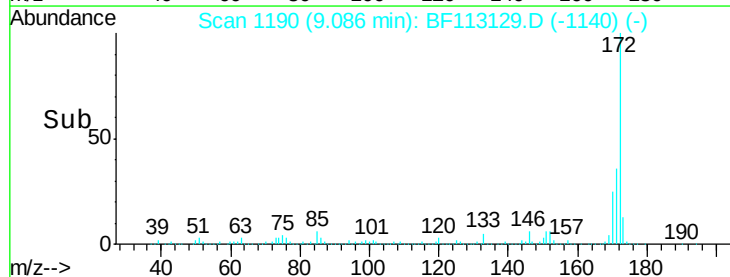
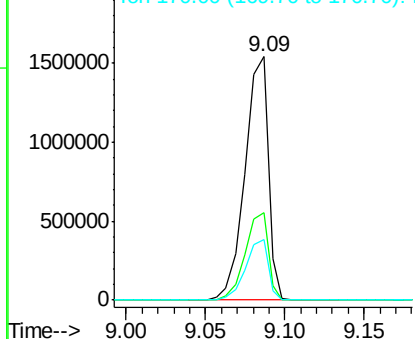


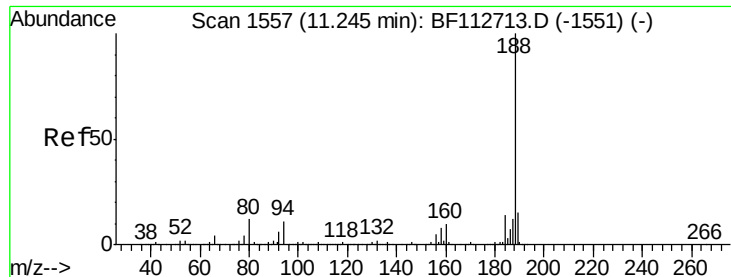
#45
 2-Fluorobiphenyl
 Concen: 85.618 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113129.D
 Acq: 19 Mar 2019 16:55

Tgt Ion:172 Resp: 1570626
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

Instrument :

BNA_F

ClientSampleId :

OWS

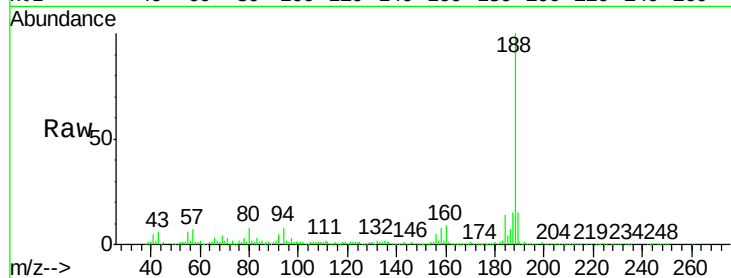
Tgt Ion:188 Resp: 565888

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.4#

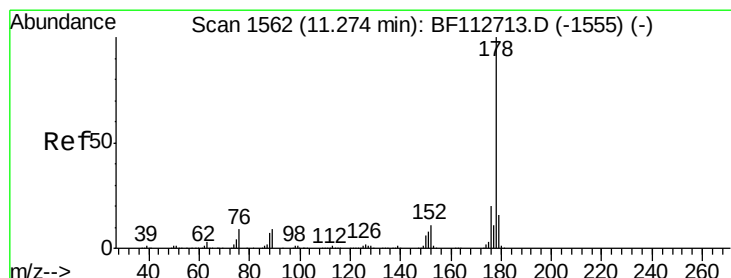
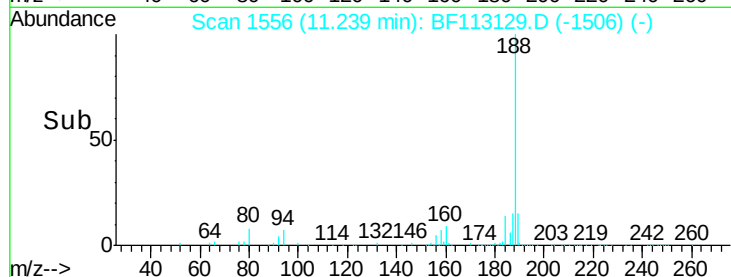
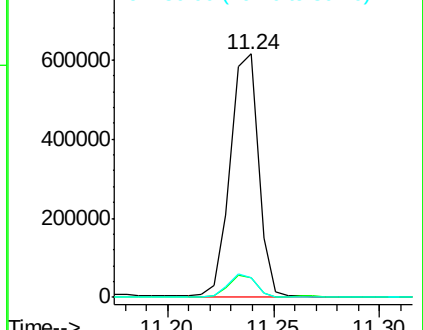
80 8.2 9.2 13.8#



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



#71

Phenanthrene

Concen: 2.757 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

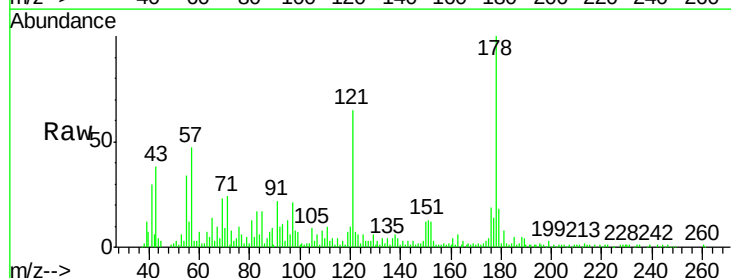
Tgt Ion:178 Resp: 77634

Ion Ratio Lower Upper

178 100

176 19.0 16.3 24.5

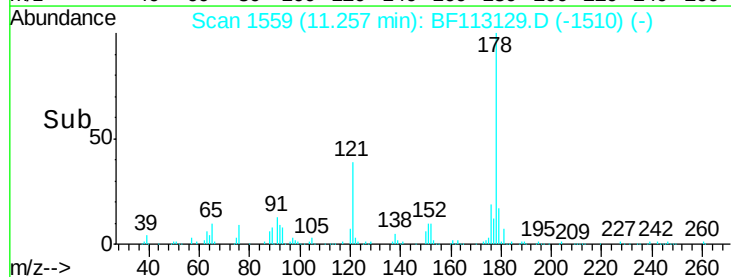
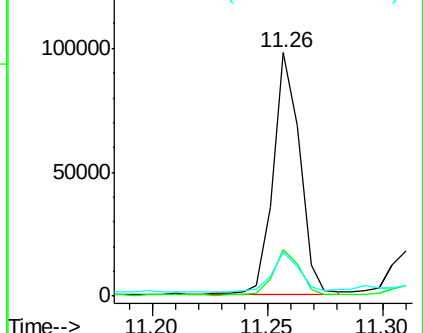
179 18.3 12.7 19.1

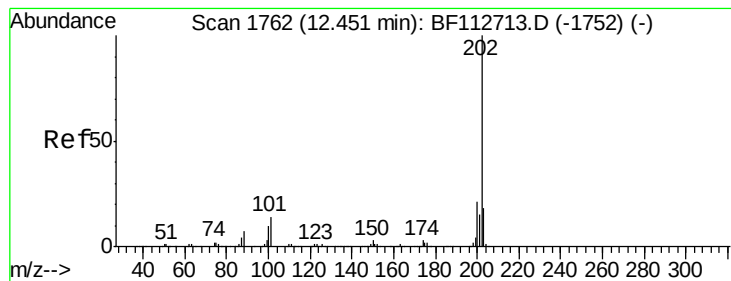


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.061 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

Instrument :

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OWS

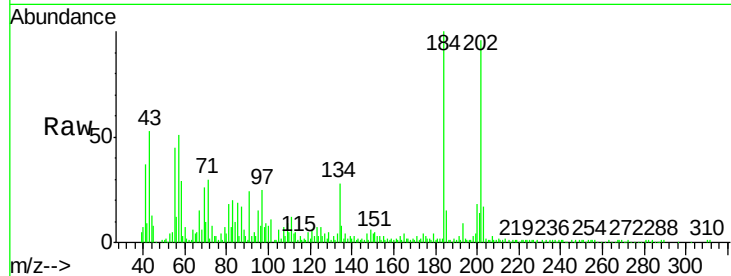
Tgt Ion: 202 Resp: 62181

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.8

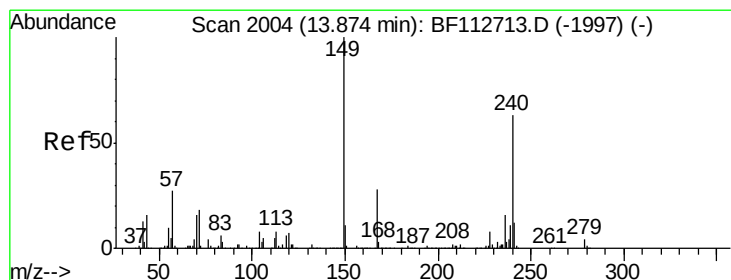
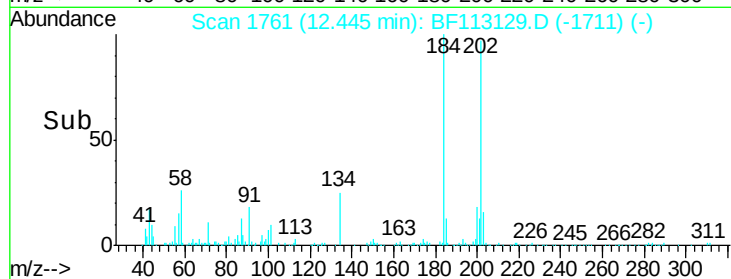
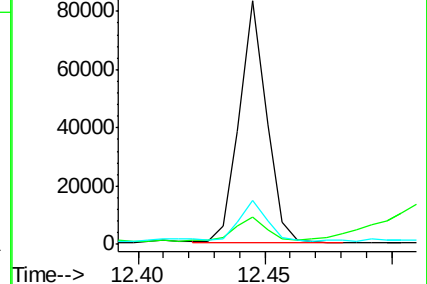
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113129.D

Acq: 19 Mar 2019 16:55

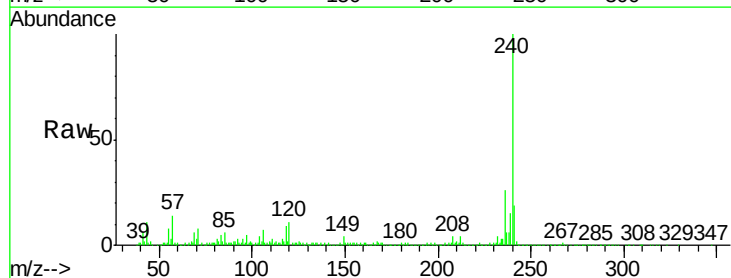
Tgt Ion: 240 Resp: 460167

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

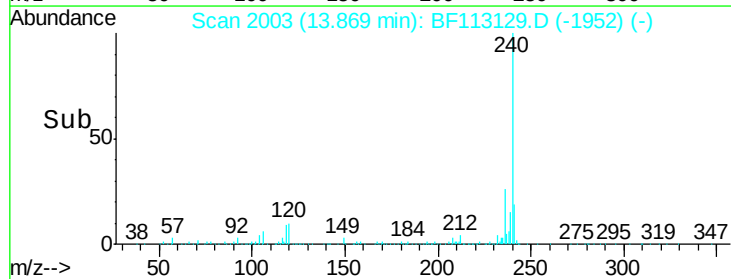
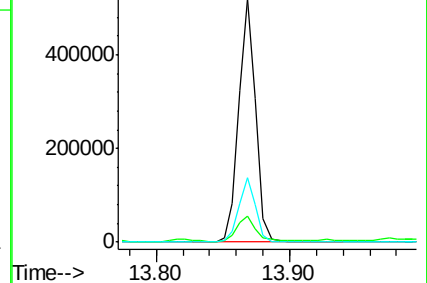
236 26.2 20.7 31.1

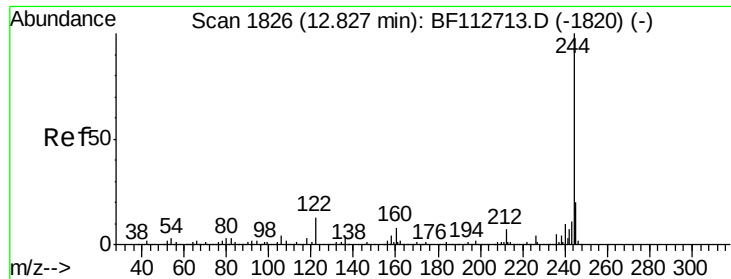


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

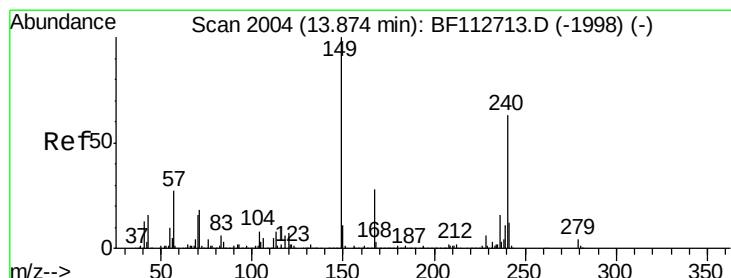
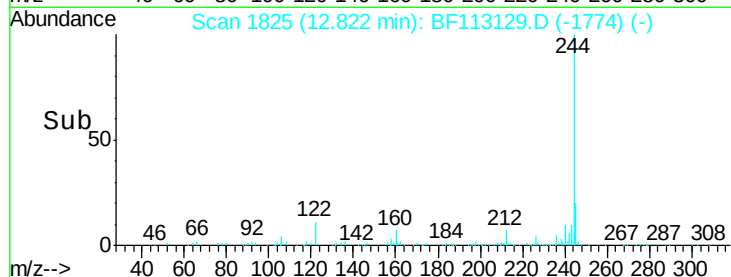
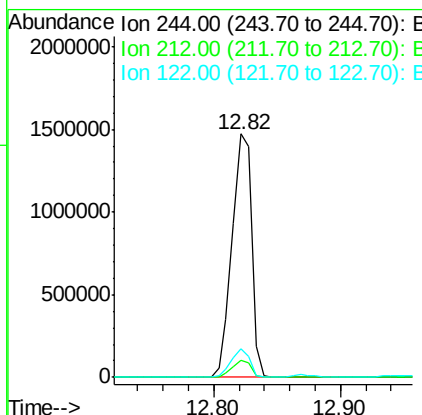
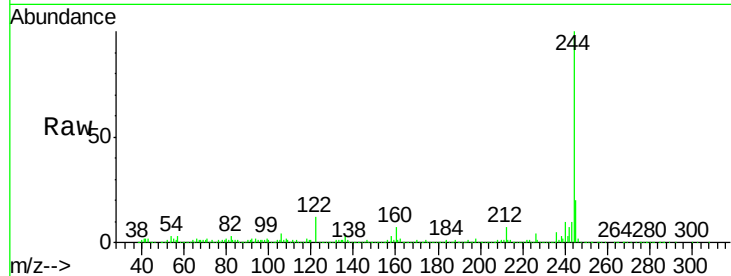




#79
 Terphenyl-d14
 Concen: 65.753 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF113129.D
 Acq: 19 Mar 2019 16:55

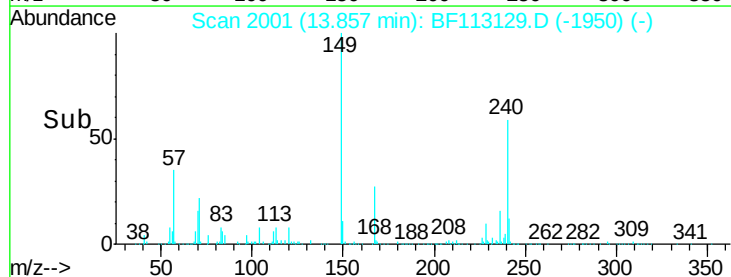
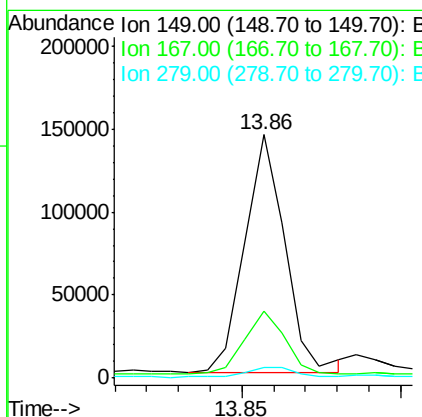
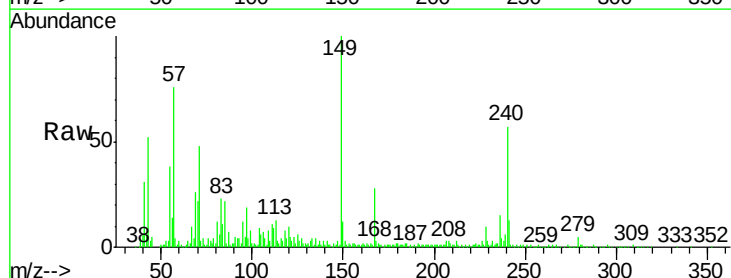
Instrument :
 BNA_F
 ClientSampleId :
 OWS

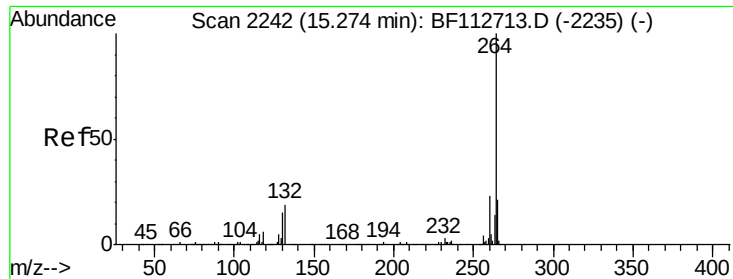
Tgt Ion:244 Resp: 1560859
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.7 10.5 15.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.244 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF113129.D
 Acq: 19 Mar 2019 16:55

Tgt Ion:149 Resp: 125410
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.4 33.6
 279 4.6 3.3 4.9





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113129.D
 Acq: 19 Mar 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	17.2	25.8

