

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113027.D
 Acq On : 13 Mar 2019 9:21
 Operator : JU/SJ
 Sample : K1834-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

Quant Time: Mar 13 12:30:33 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

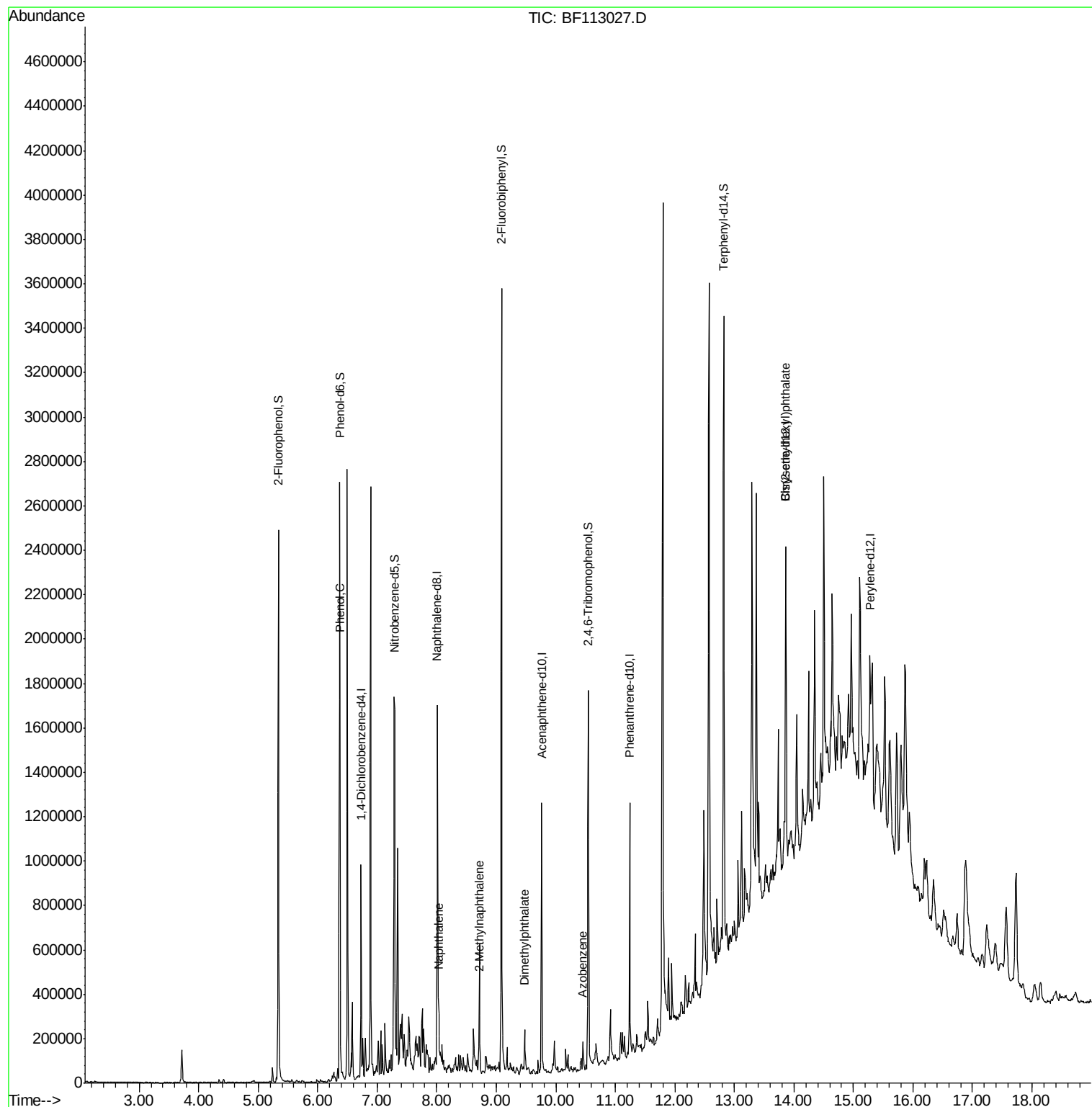
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151874	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	592588	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	252669	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	429202	20.00	ng	0.00
76) Chrysene-d12	13.87	240	404219	20.00	ng	0.00
87) Perylene-d12	15.27	264	297603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	787385	80.65	ng	0.00
7) Phenol-d6	6.37	99	986391	80.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	585305	59.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	240698	89.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1138197	71.59	ng	0.00
79) Terphenyl-d14	12.82	244	1013275	48.59	ng	0.00
Target Compounds						
10) Phenol	6.38	94	35890	2.508	ng	98
31) Naphthalene	8.03	128	84424	2.870	ng	99
37) 2-Methylnaphthalene	8.73	142	38556	2.029	ng	96
50) Dimethylphthalate	9.48	163	82229	4.414	ng	98
63) Azobenzene	10.46	77	43616	2.164	ng	95
84) Bis(2-ethylhexyl)phthalate	13.86	149	179606	10.180	ng	100

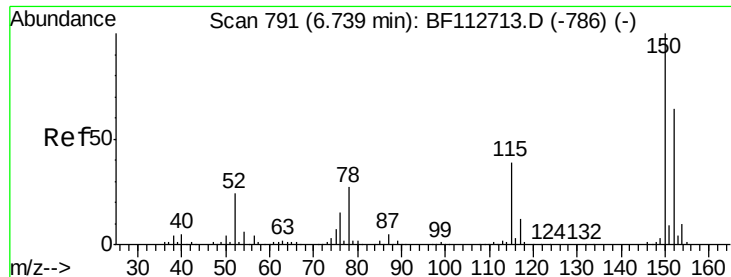
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

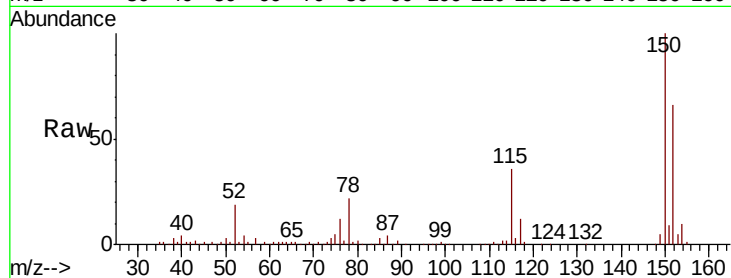
Tot Ion:152 Resp: 151874

Ion Ratio Lower Upper

152 100

150 151.2 124.2 186.2

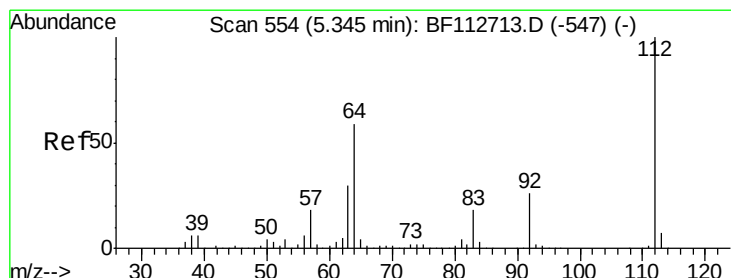
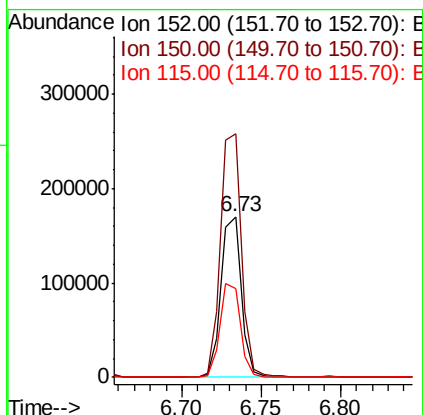
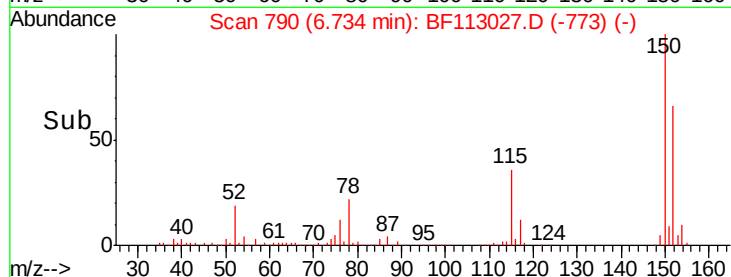
115 54.9 48.2 72.4



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: 80.647 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

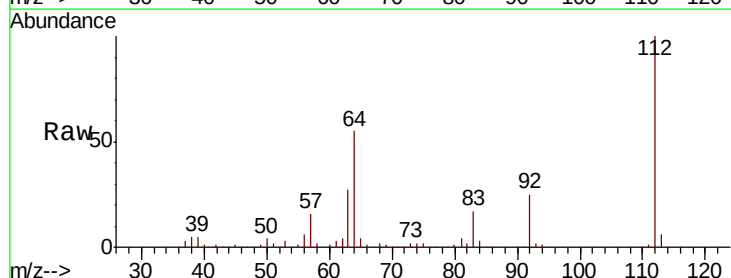
Tgt Ion:112 Resp: 787385

Ion Ratio Lower Upper

112 100

64 54.9 47.6 71.4

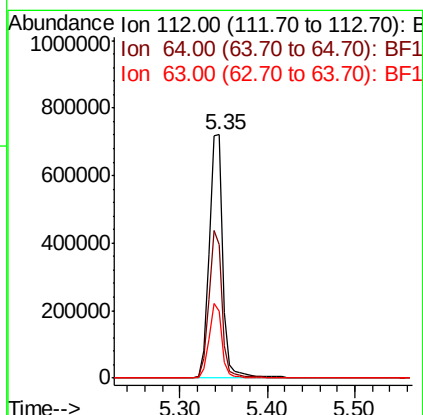
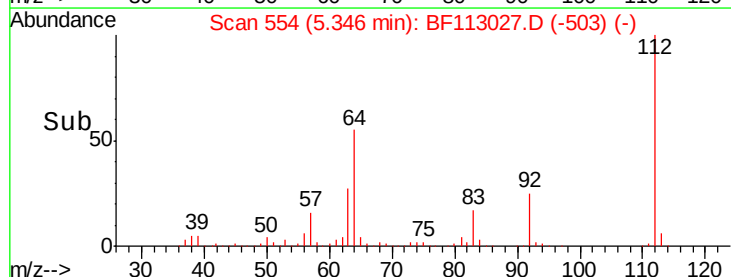
63 27.4 24.4 36.6

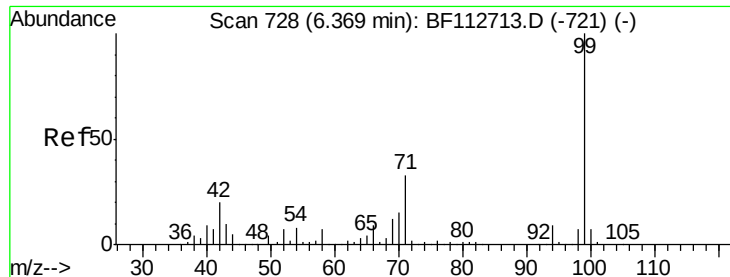


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 80.427 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

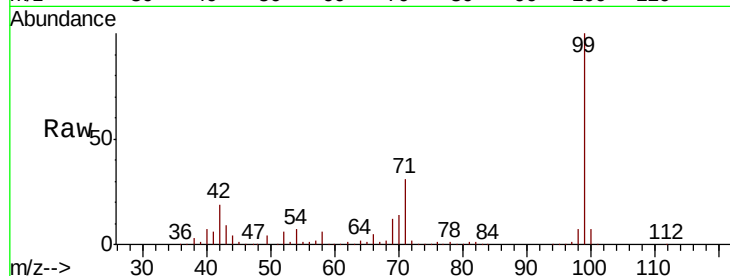
Tot Ion: 99 Resp: 986391

Ion Ratio Lower Upper

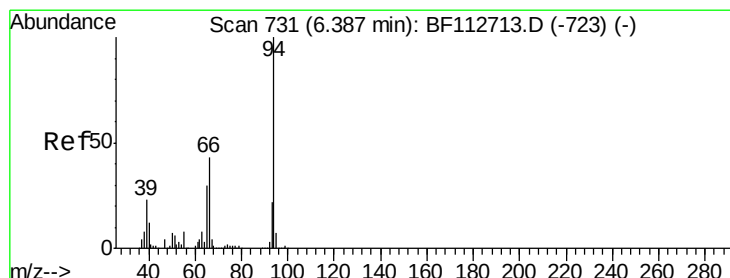
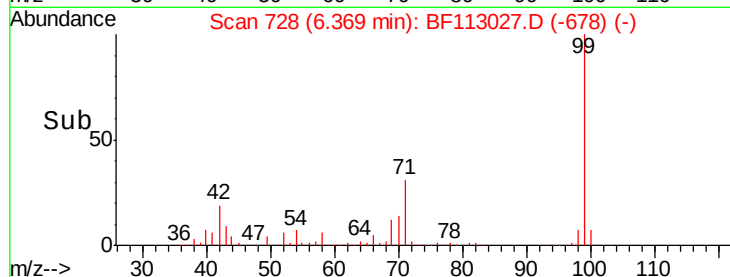
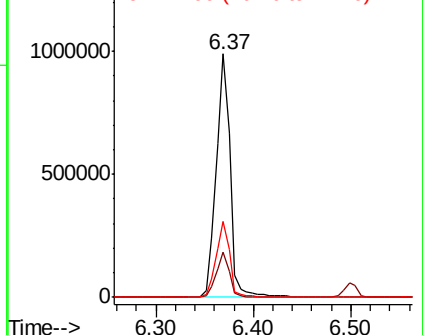
99 100

42 18.6 16.3 24.5

71 31.2 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: 2.508 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

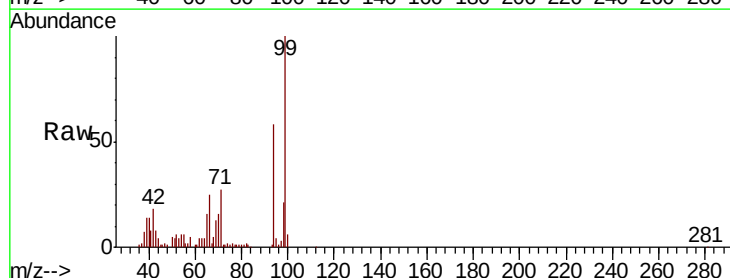
Tgt Ion: 94 Resp: 35890

Ion Ratio Lower Upper

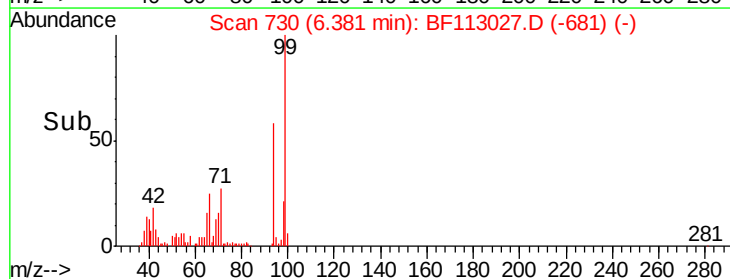
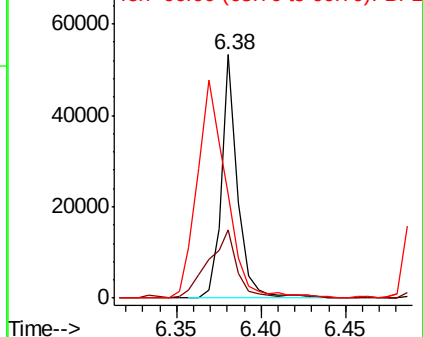
94 100

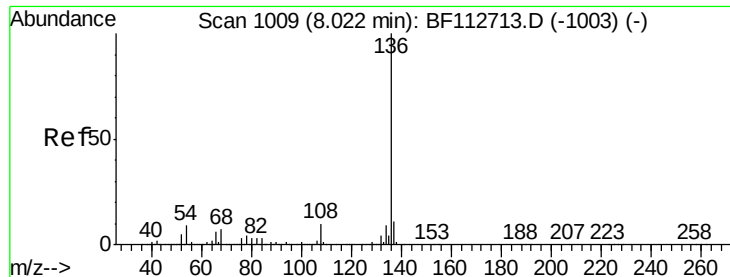
65 28.2 10.5 50.5

66 43.0 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

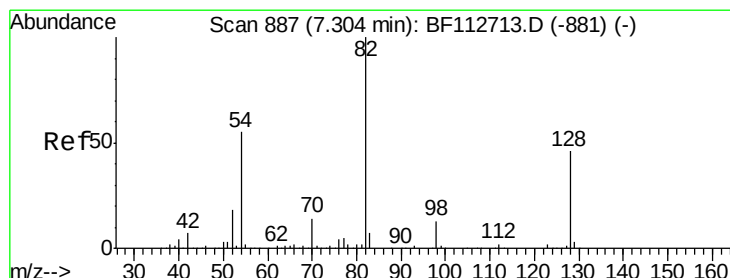
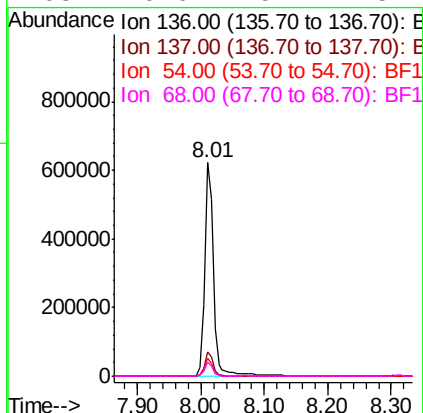
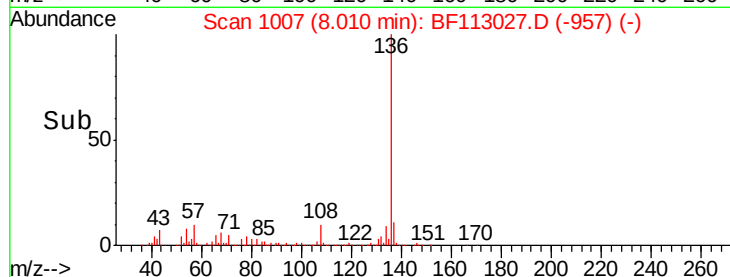
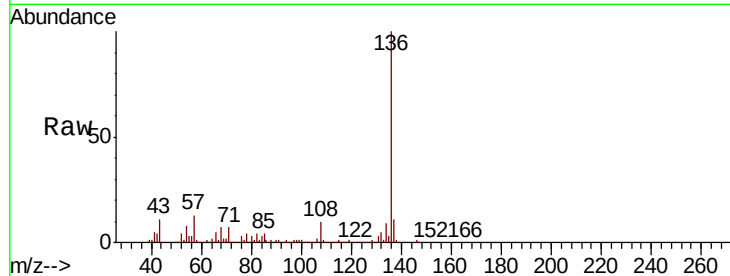




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

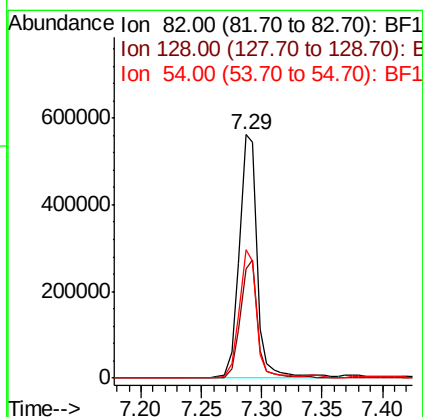
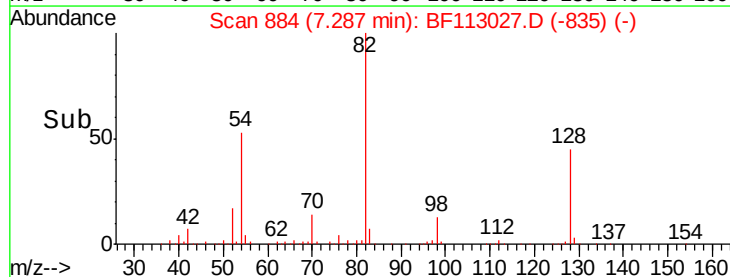
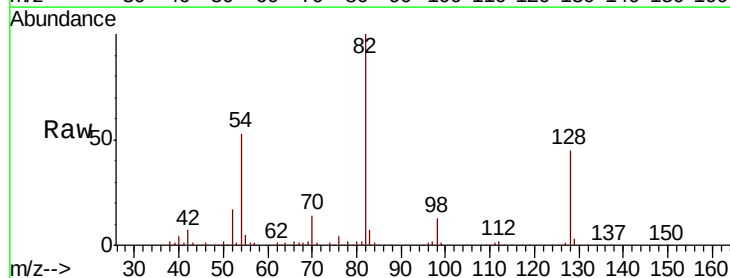
Instrument :
BNA_F
ClientSampleId :
COMP-1-AU

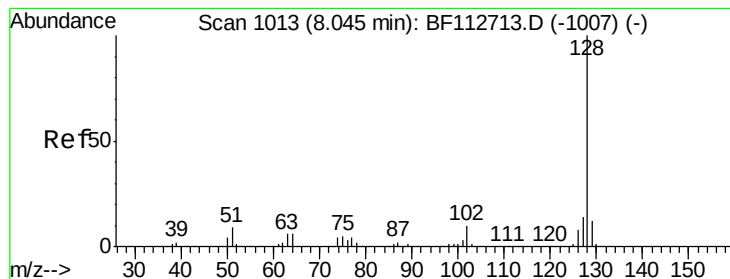
Tot Ion:136	Resp:	592588
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.5	7.3 10.9
68	6.6	5.4 8.2



#23
Nitrobenzene-d5
Concen: 59.103 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

Tgt Ion: 82	Resp:	585305
Ion Ratio	Lower	Upper
82	100	
128	45.0	36.3 54.5
54	52.9	43.7 65.5





#31

Naphthalene

Concen: 2.870 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

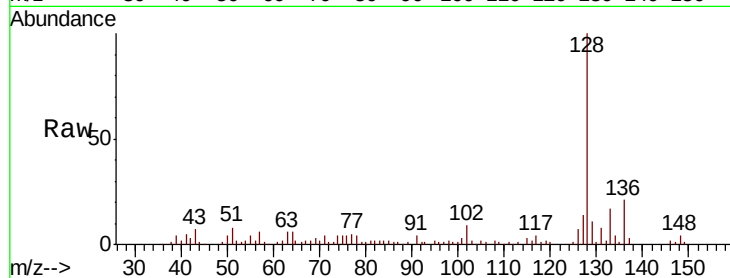
Tot Ion:128 Resp: 84424

Ion Ratio Lower Upper

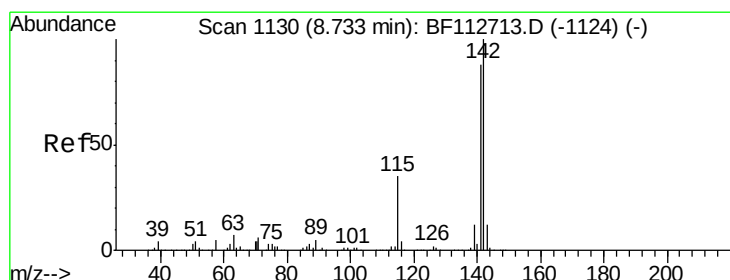
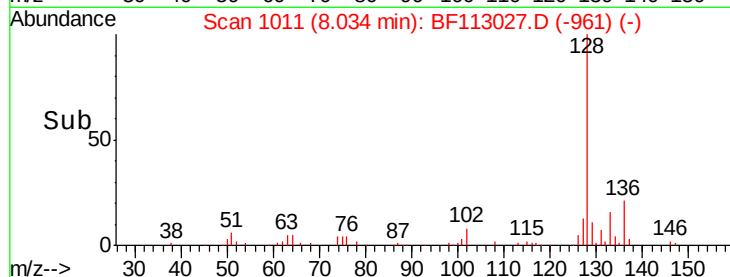
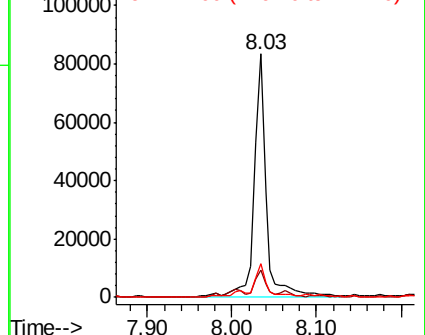
128 100

129 11.1 9.3 13.9

127 13.7 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: 2.029 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

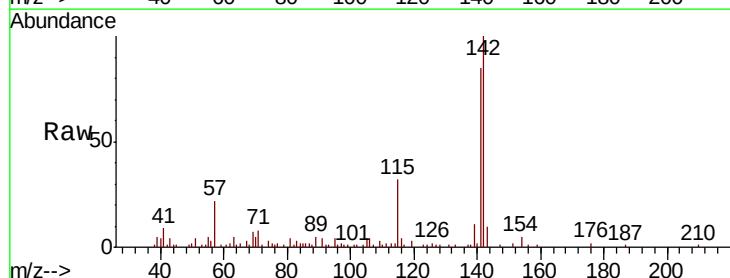
Tgt Ion:142 Resp: 38556

Ion Ratio Lower Upper

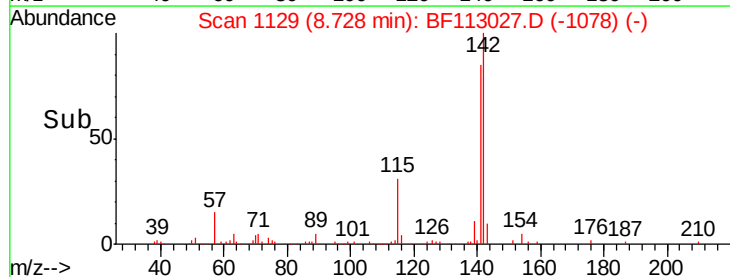
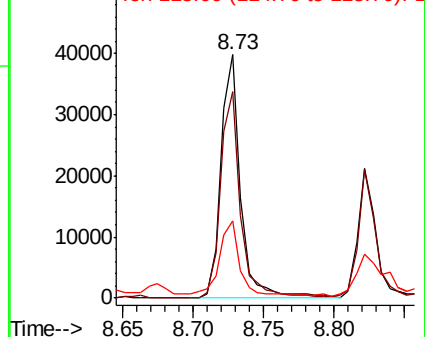
142 100

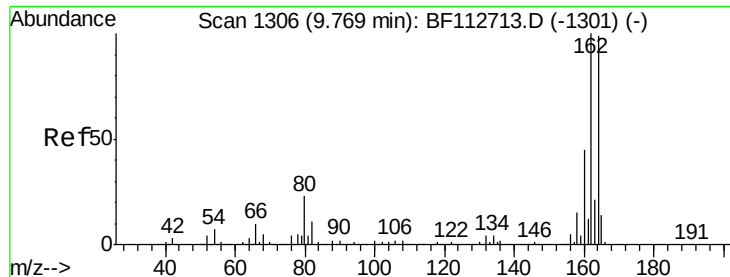
141 84.7 70.3 105.5

115 31.6 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

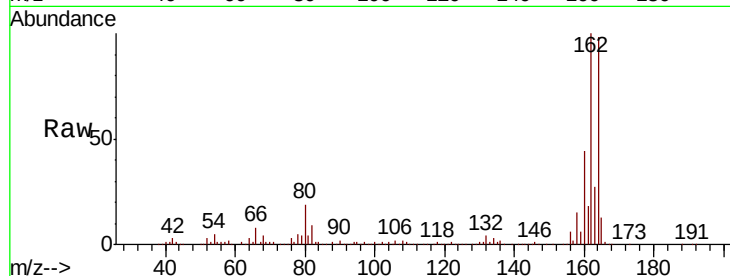




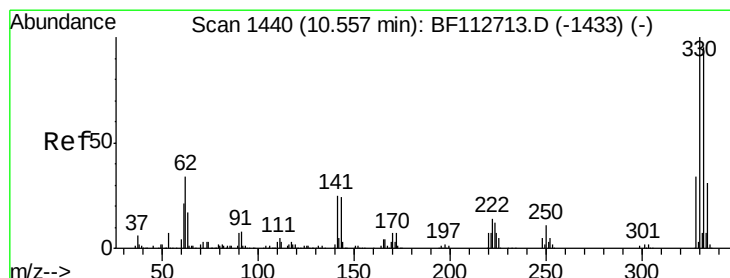
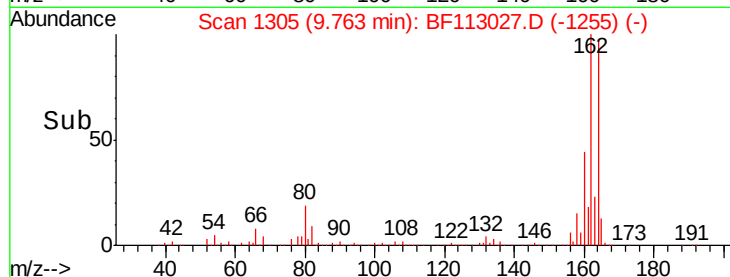
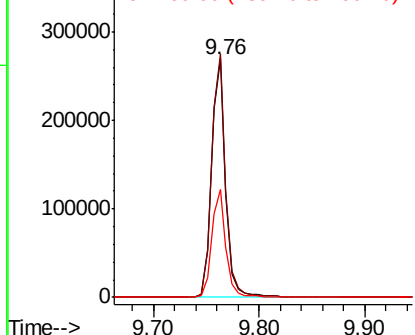
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-1-AU

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.3	36.0	54.0

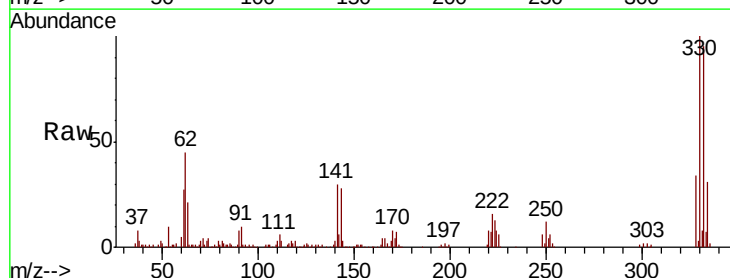


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

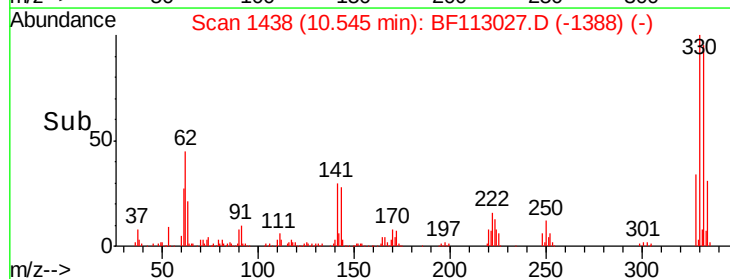
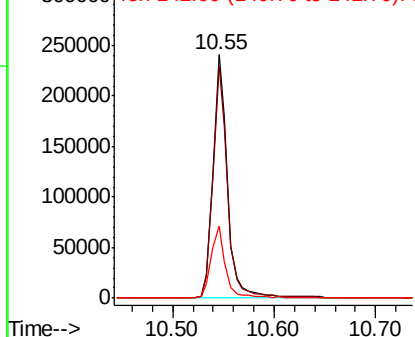


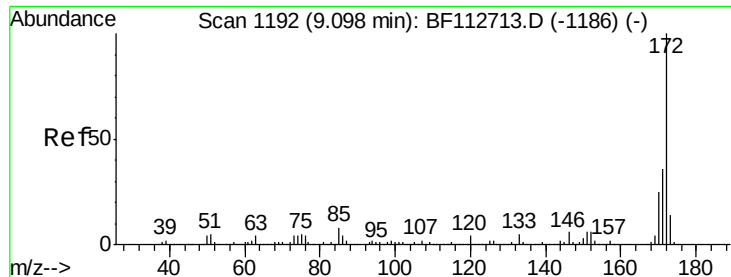
#42
2,4,6-Tribromophenol
Concen: 89.732 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.6	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

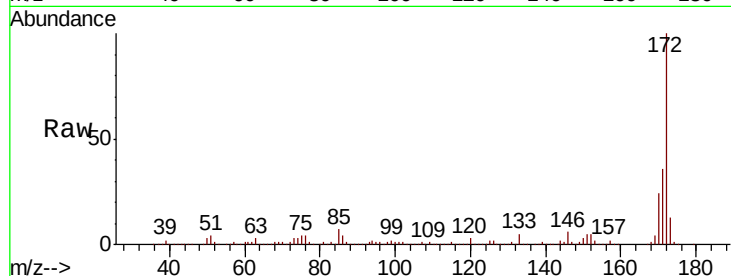




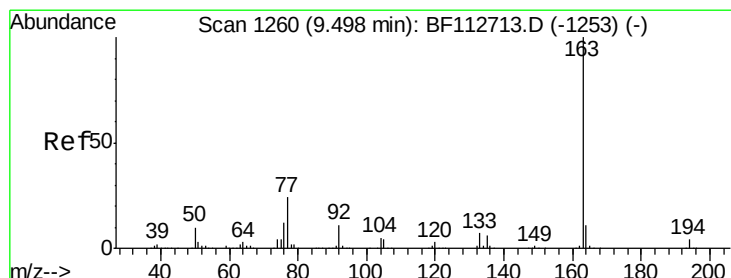
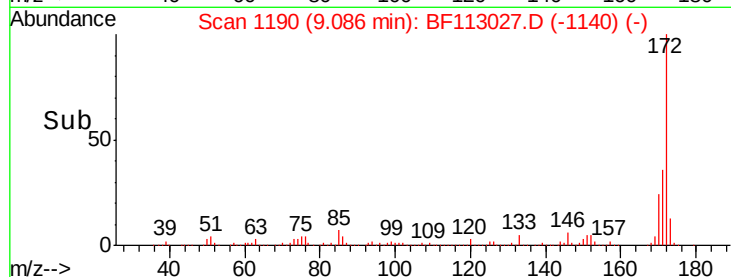
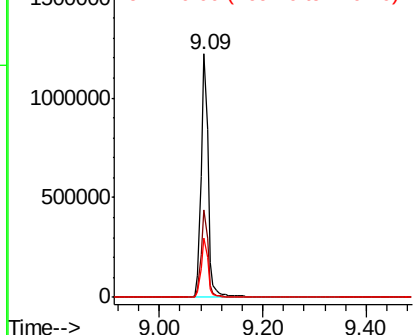
#45
2-Fluorobiphenyl
Concen: 71.594 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-1-AU

Tot Ion:172 Resp: 1138197
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.2 20.0 30.0

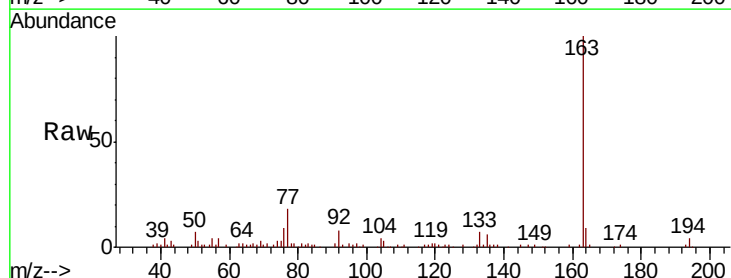


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

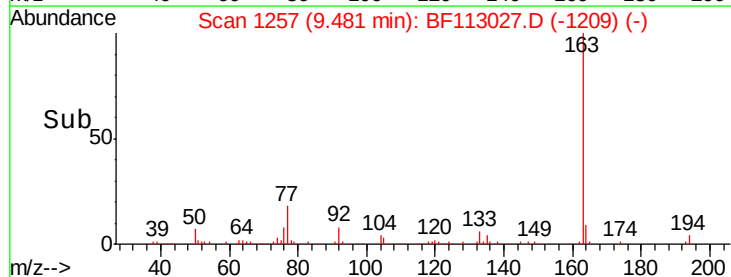
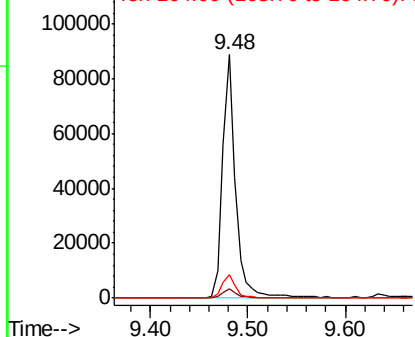


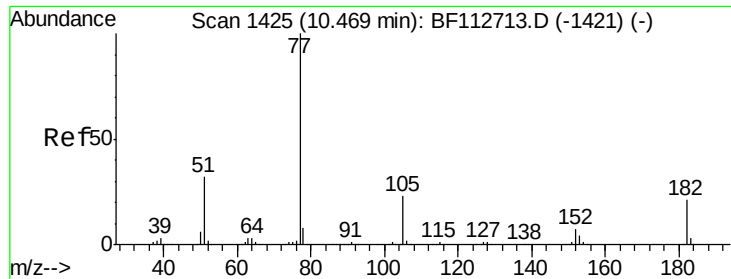
#50
Dimethylphthalate
Concen: 4.414 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113027.D
Acq: 13 Mar 2019 9:21

Tgt Ion:163 Resp: 82229
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.5 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





#63

Azobenzene

Concen: 2.164 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

Tot Ion: 77 Resp: 43616

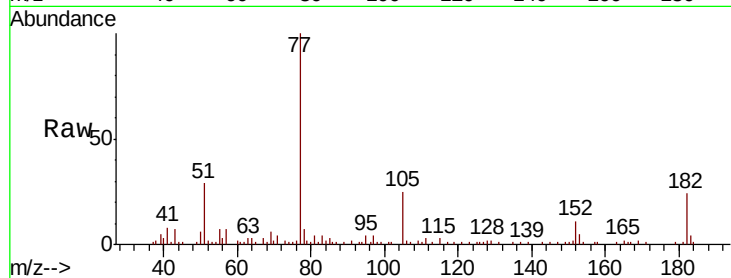
Ion Ratio Lower Upper

77 100

182 24.2 1.4 41.4

105 25.2 2.6 42.6

51 29.3 12.0 52.0

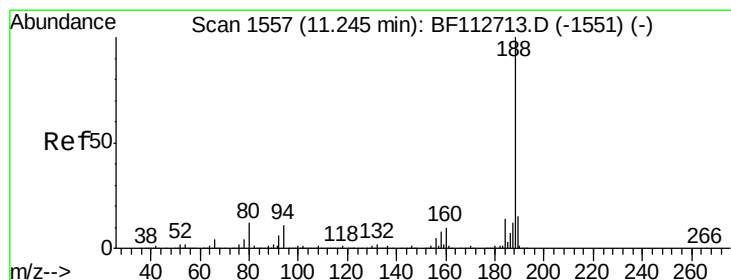
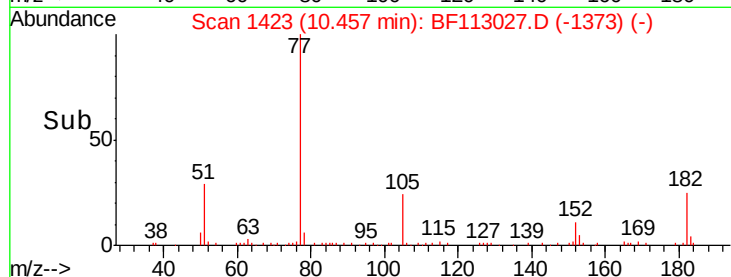
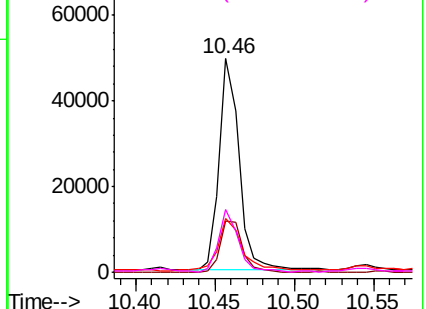


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

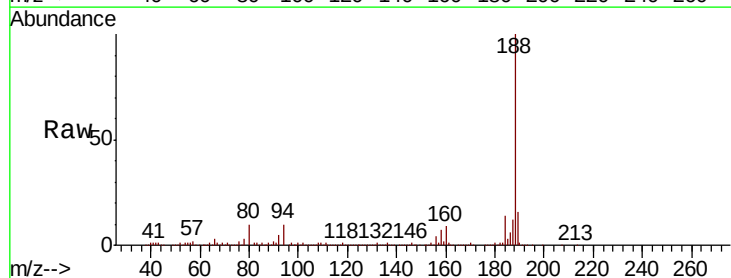
Tgt Ion: 188 Resp: 429202

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

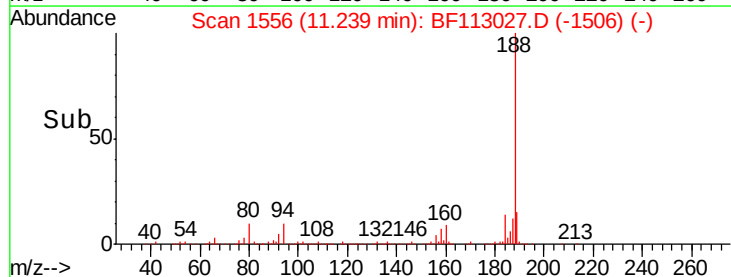
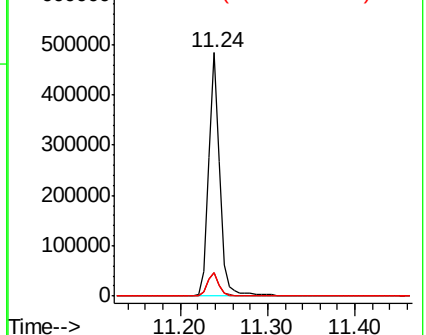
80 9.7 9.2 13.8

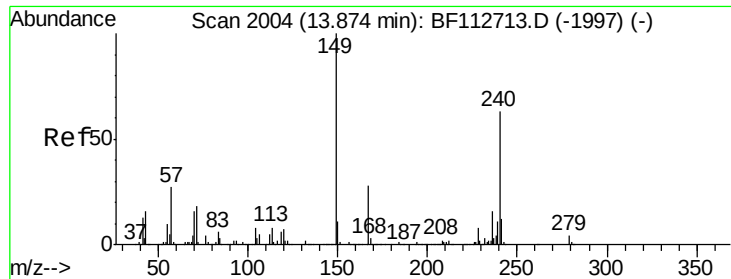


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

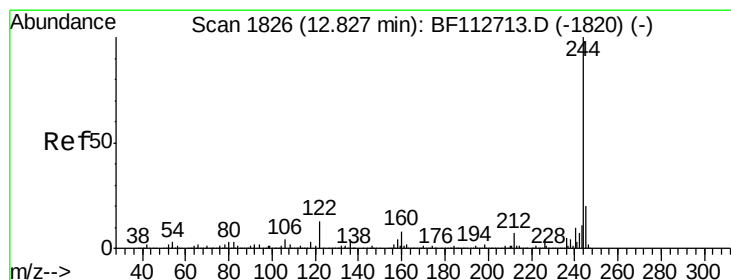
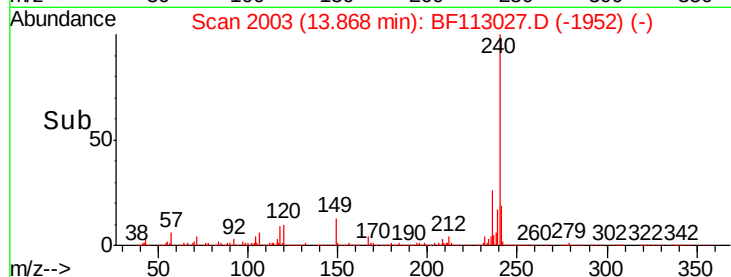
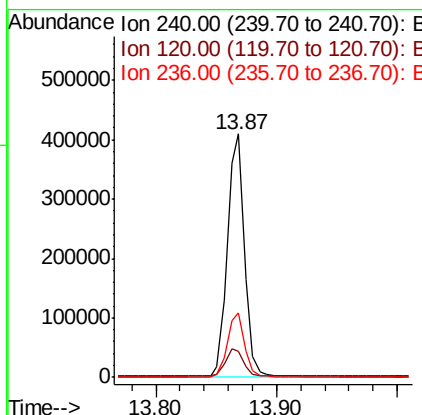
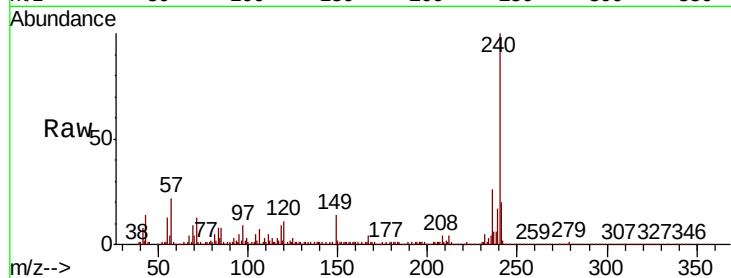




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113027.D
 Acq: 13 Mar 2019 9:21

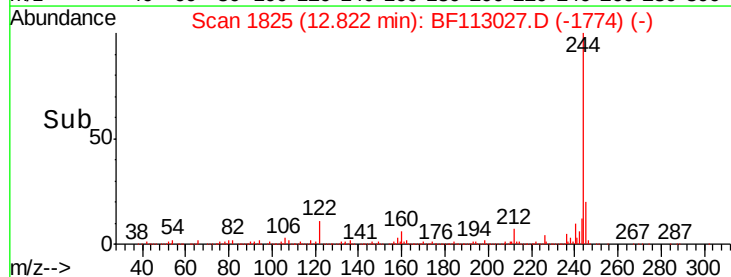
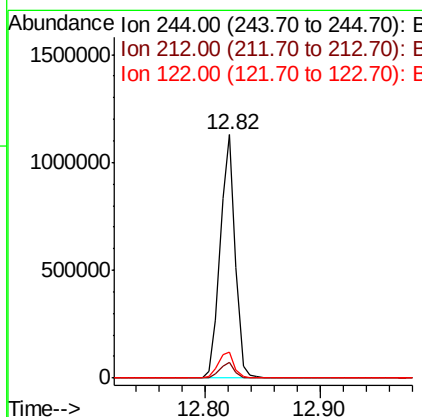
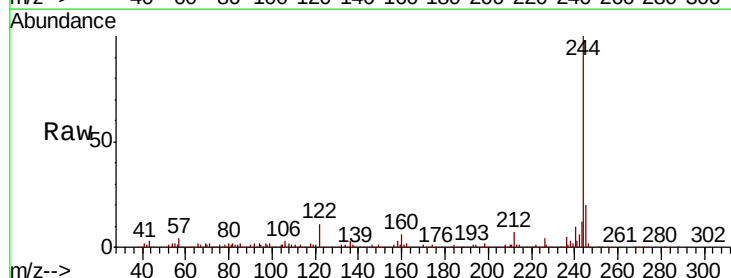
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-AU

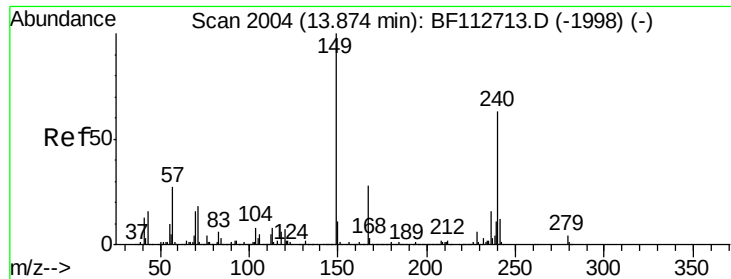
Tot Ion:240 Resp: 404219
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.3 20.7 31.1



#79
 Terphenyl-d14
 Concen: 48.593 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113027.D
 Acq: 13 Mar 2019 9:21

Tgt Ion:244 Resp: 1013275
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.6 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.180 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-1-AU

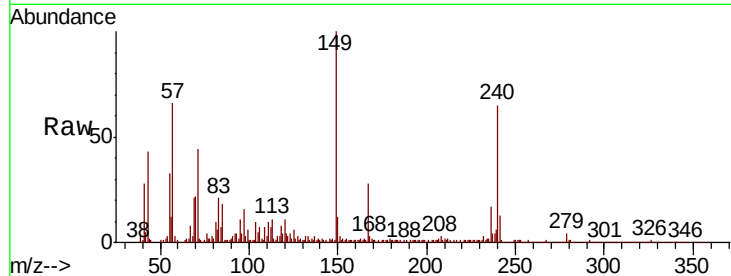
Tot Ion:149 Resp: 179606

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

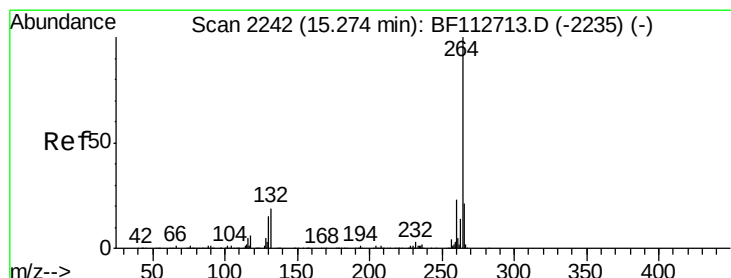
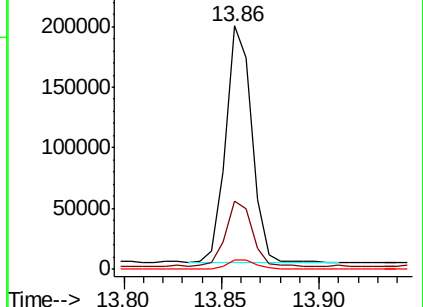
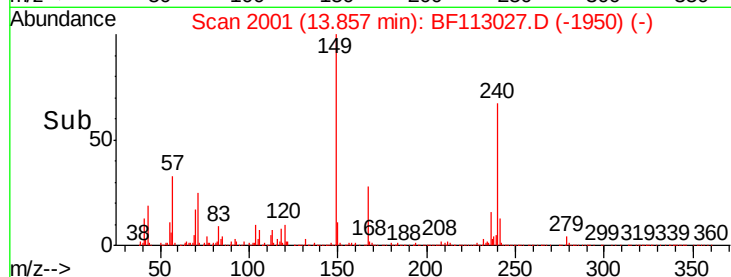
279 3.8 3.3 4.9



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113027.D

Acq: 13 Mar 2019 9:21

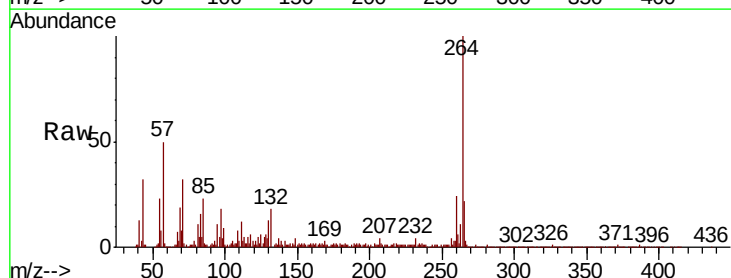
Tgt Ion:264 Resp: 297603

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.3 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

