

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112800.D
 Acq On : 1 Mar 2019 15:27
 Operator : JU/SJ
 Sample : K1665-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200029

Quant Time: Mar 01 23:08:10 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

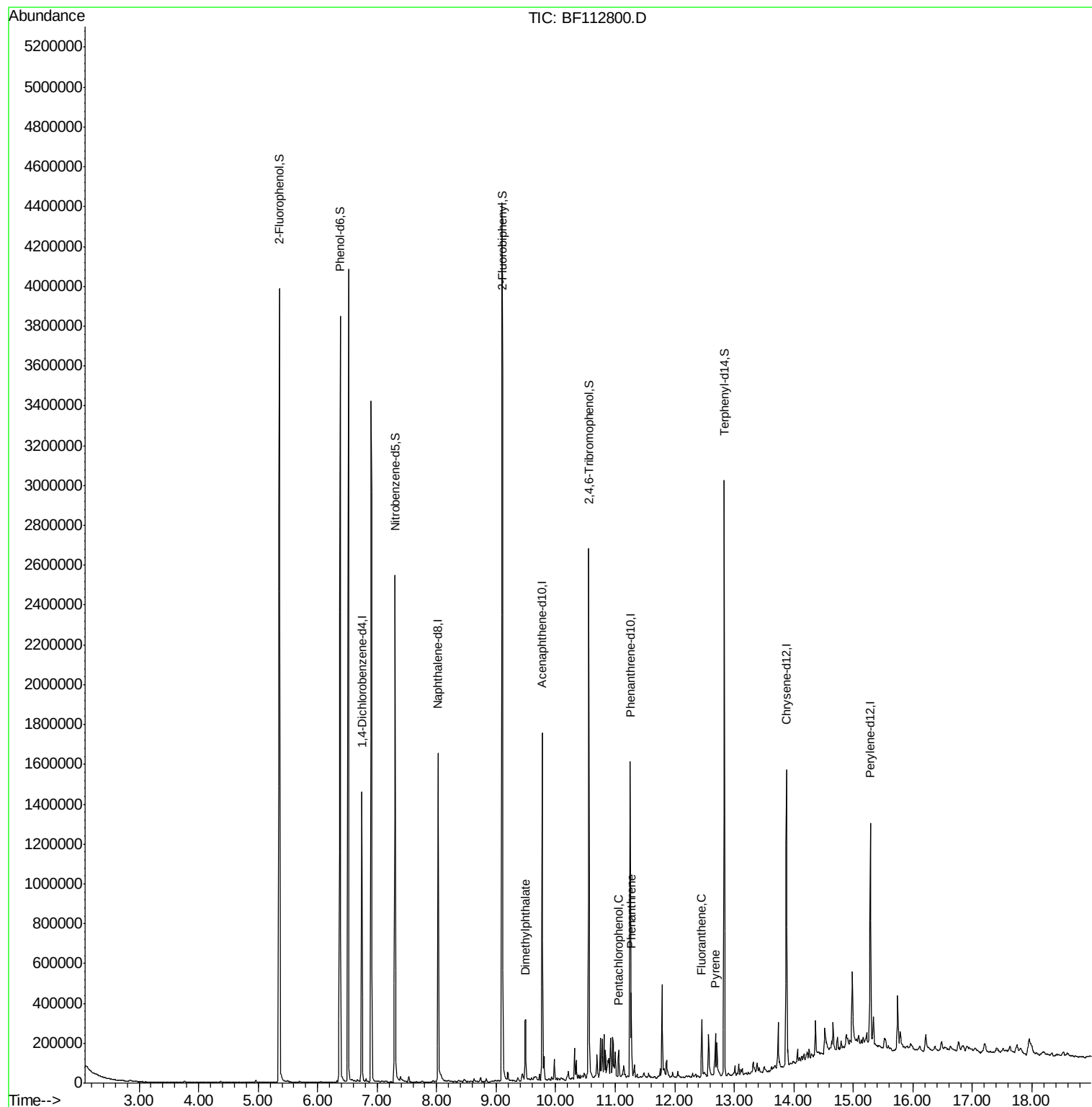
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	222624	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	827532	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	359385	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	576771	20.00	ng	0.00
76) Chrysene-d12	13.87	240	469508	20.00	ng	0.00
87) Perylene-d12	15.29	264	508609	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1199914	83.84	ng	0.01
7) Phenol-d6	6.38	99	1524781	84.81	ng	0.01
23) Nitrobenzene-d5	7.30	82	919189	66.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	350947	91.98	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1482453	64.04	ng	0.00
79) Terphenyl-d14	12.83	244	1095800	45.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	138968	5.244	ng	99
70) Pentachlorophenol	11.06	266	16498	4.093	ng	96
71) Phenanthrene	11.27	178	156401	5.450	ng	99
75) Fluoranthene	12.45	202	120149	3.908	ng	97
78) Pyrene	12.68	202	80885	2.044	ng	97

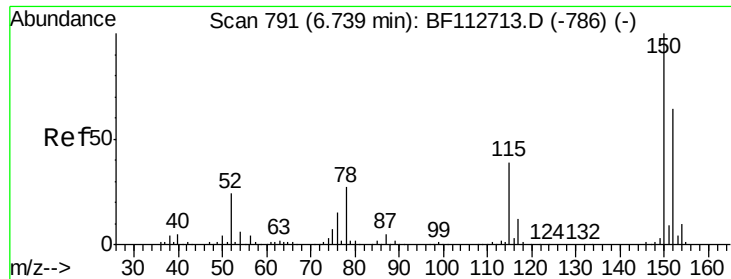
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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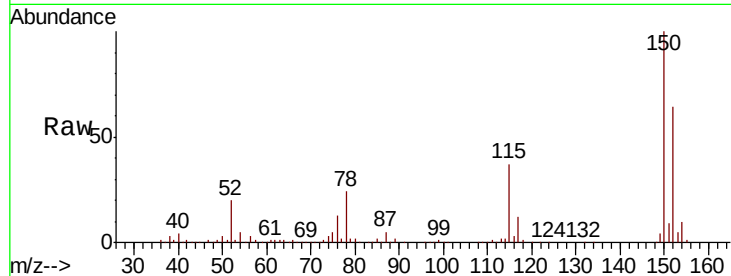


#1

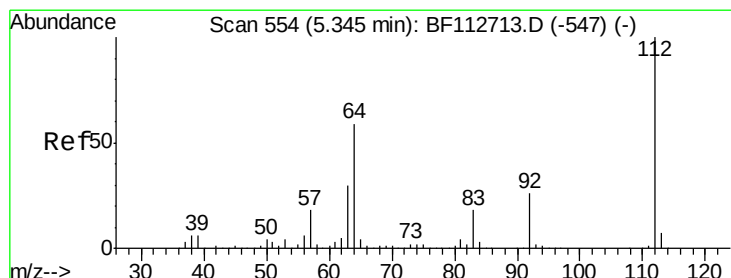
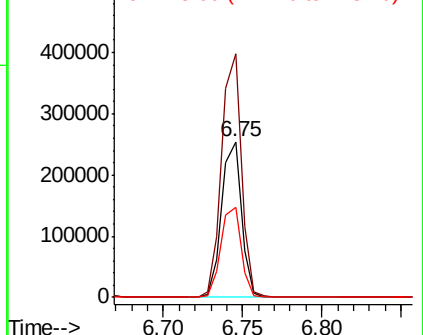
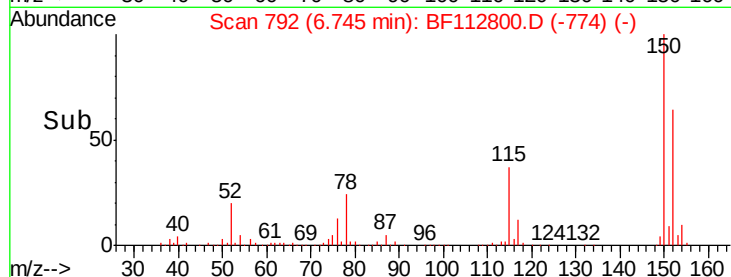
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion:152 Resp: 222624
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 57.6 48.2 72.4



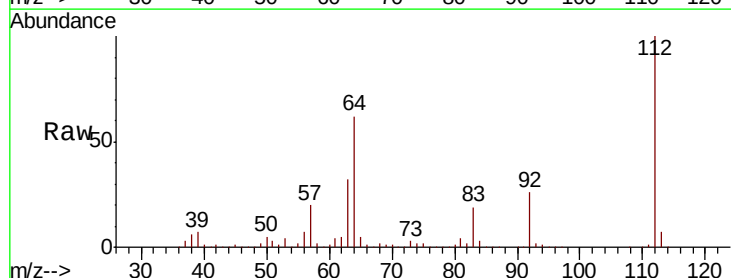
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



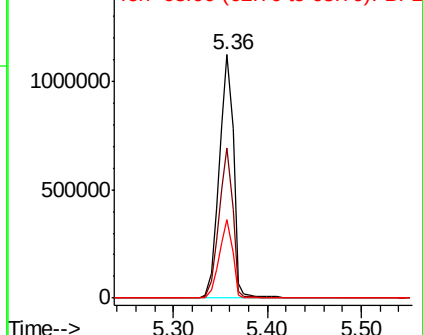
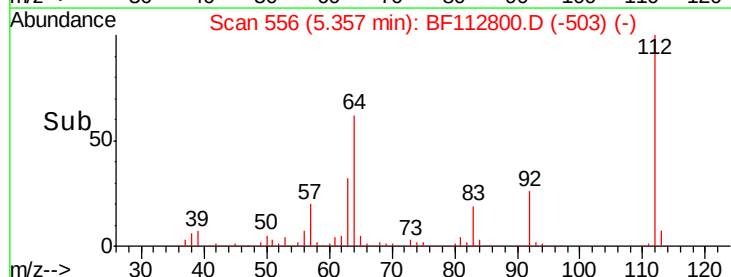
#5

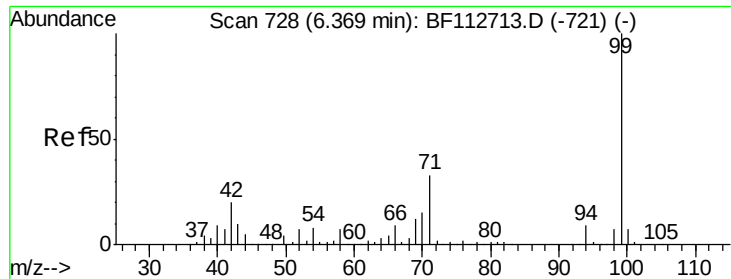
2-Fluorophenol
Concen: 83.842 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Tgt Ion:112 Resp: 1199914
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 32.0 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: 84.815 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112800.D

Acq: 1 Mar 2019 15:27

Instrument :

BNA_F

ClientSampleId :

200029

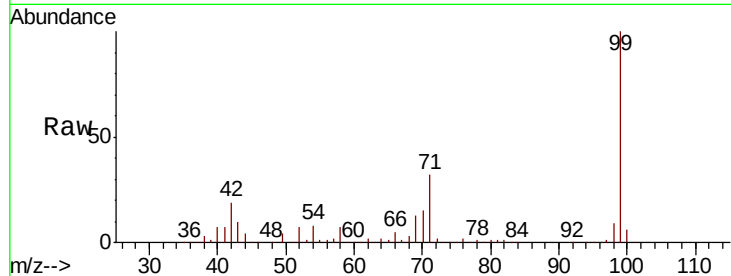
Tot Ion: 99 Resp: 1524781

Ion Ratio Lower Upper

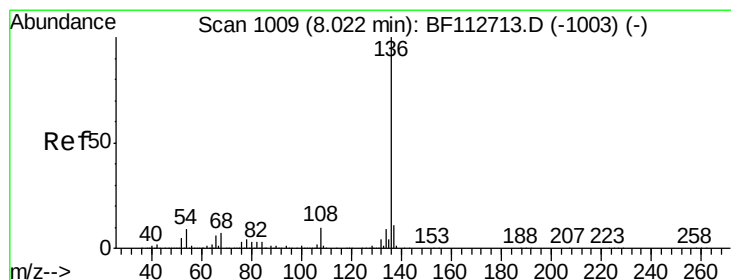
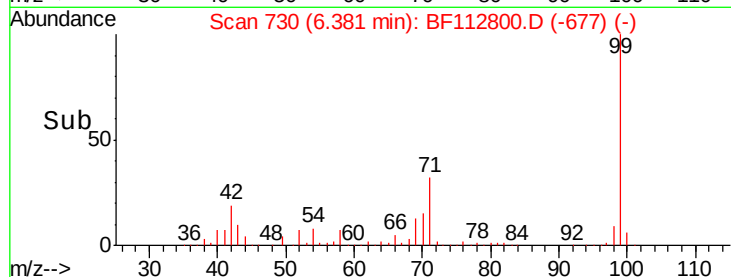
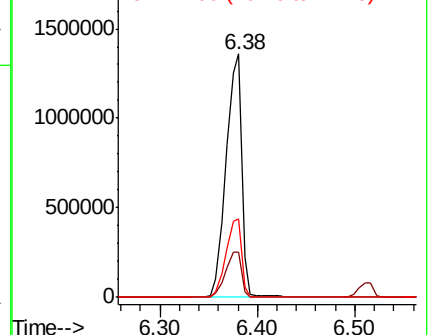
99 100

42 18.7 16.3 24.5

71 32.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112800.D

Acq: 1 Mar 2019 15:27

Tgt Ion: 136 Resp: 827532

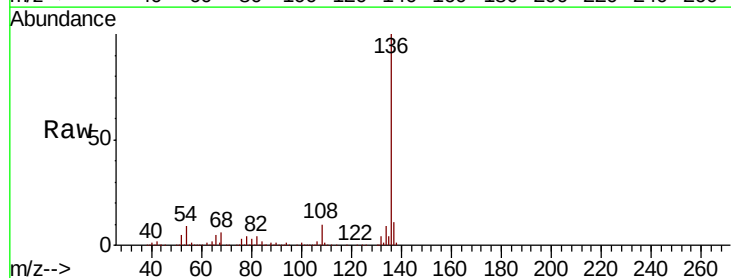
Ion Ratio Lower Upper

136 100

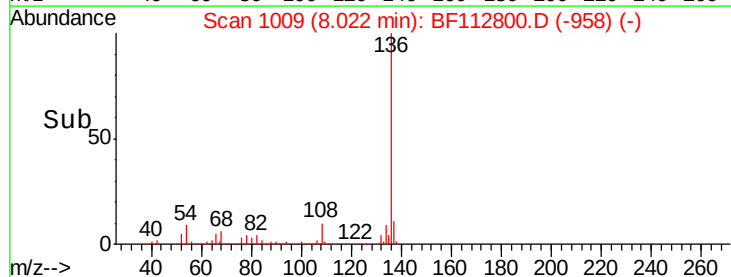
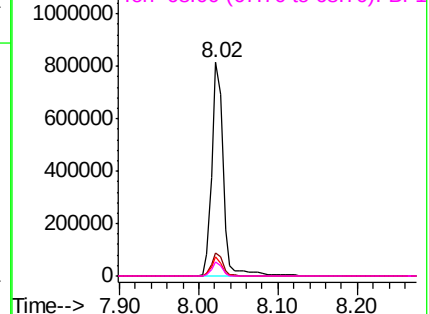
137 11.1 8.9 13.3

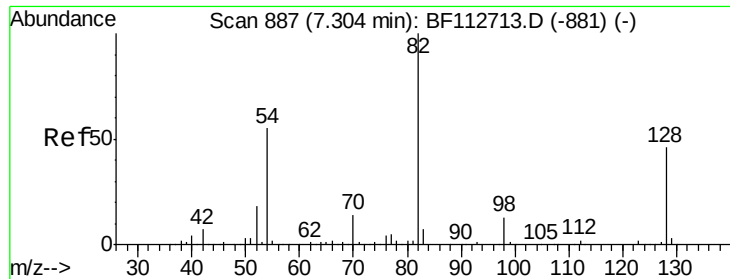
54 8.8 7.3 10.9

68 6.4 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

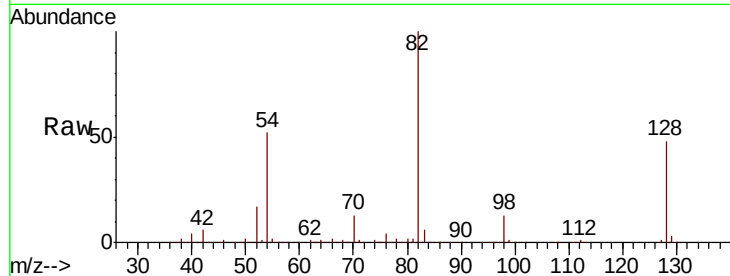




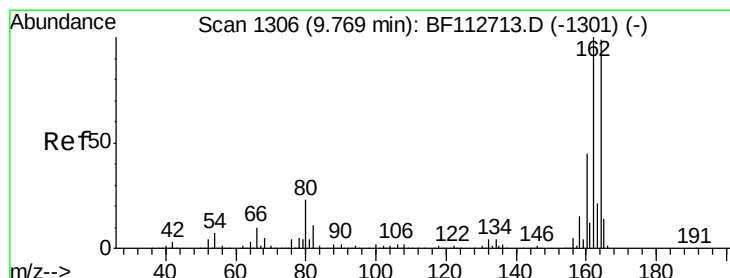
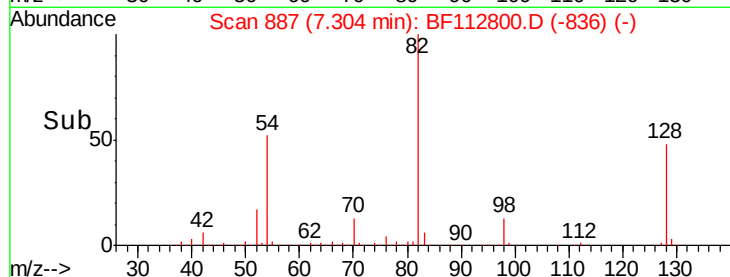
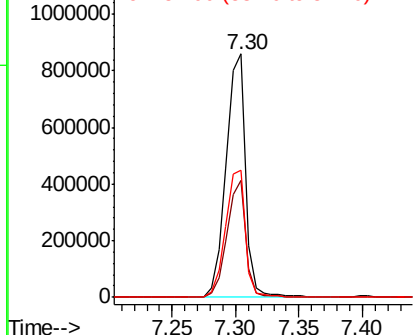
#23
Nitrobenzene-d5
Concen: 66.466 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion: 82 Resp: 919189
Ion Ratio Lower Upper
82 100
128 47.9 36.3 54.5
54 52.3 43.7 65.5

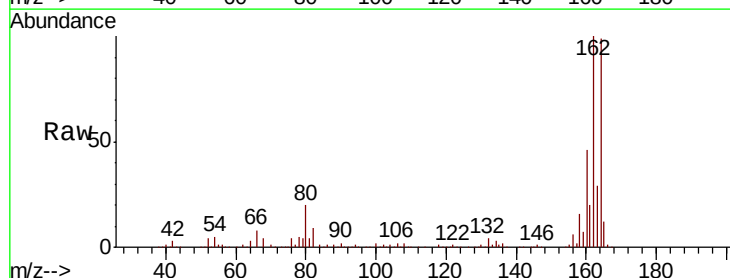


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

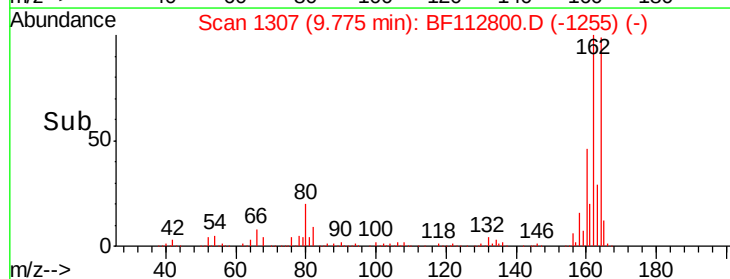
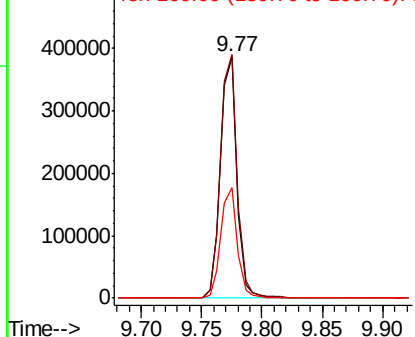


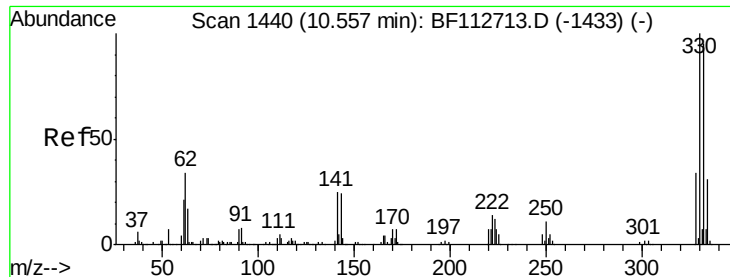
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Tgt Ion:164 Resp: 359385
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 46.0 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

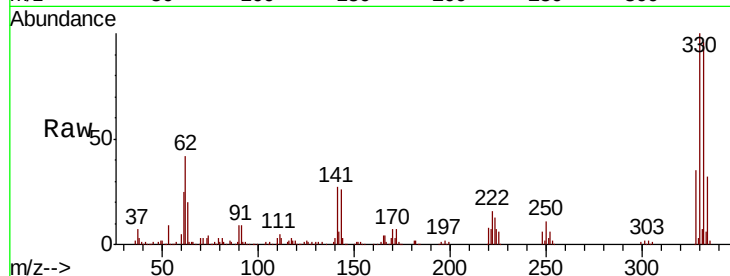




#42
 2,4,6-Tribromophenol
 Concen: 91.984 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112800.D
 Acq: 1 Mar 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 200029

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	29.5	27.0	40.6

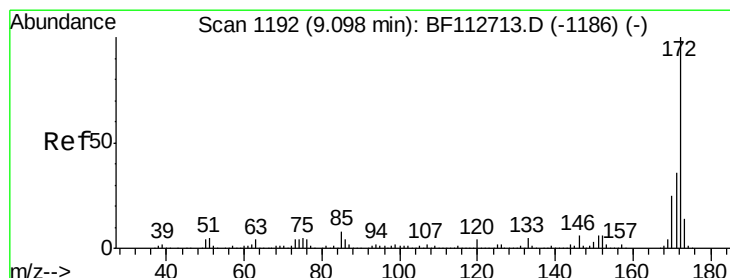
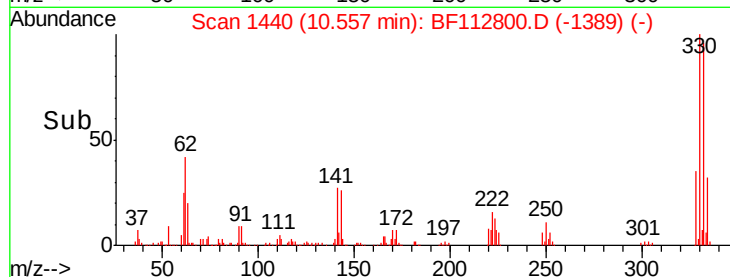
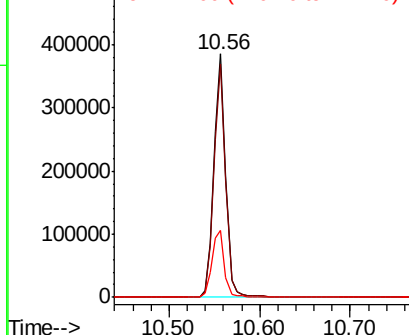


Abundance

Ion 329.80 (329.50 to 330.50): E

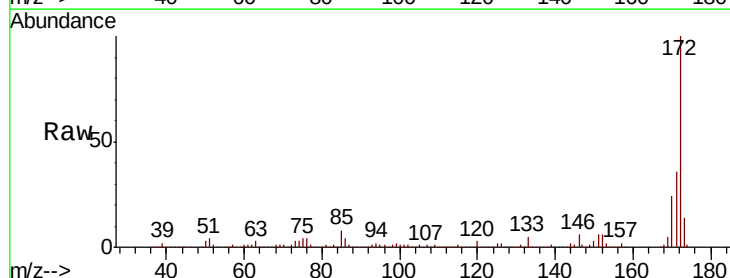
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.042 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112800.D
 Acq: 1 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.0	20.0	30.0

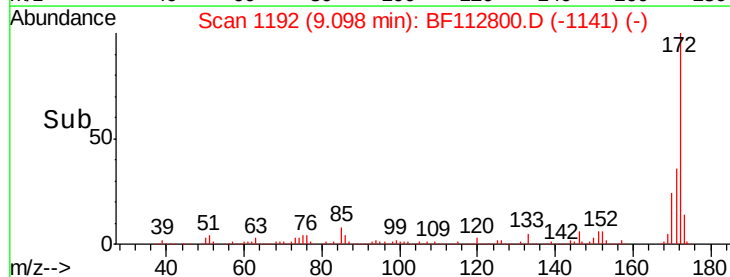
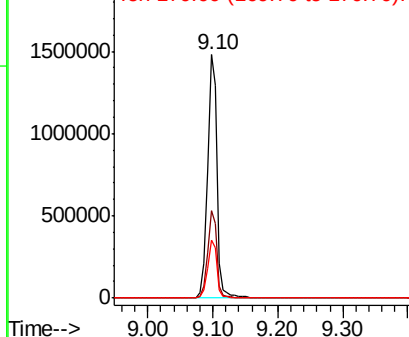


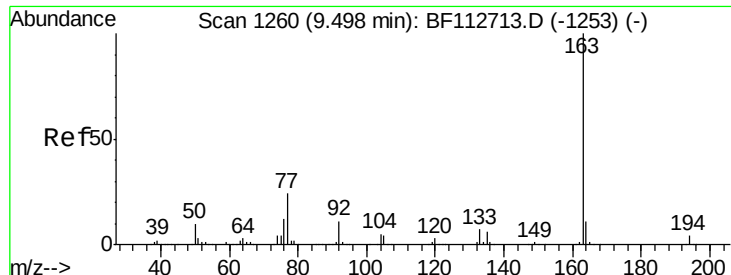
Abundance

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

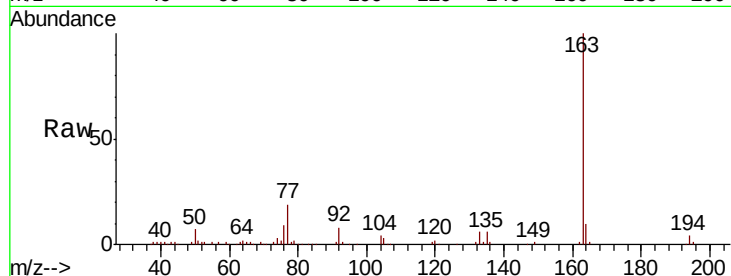




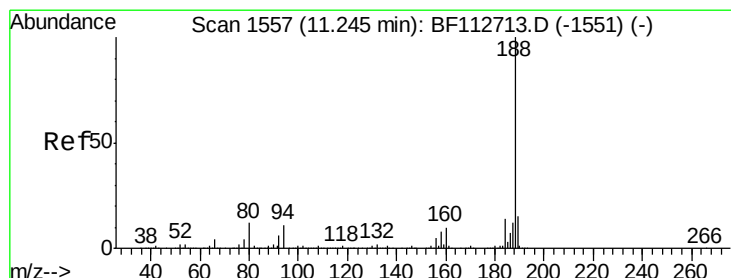
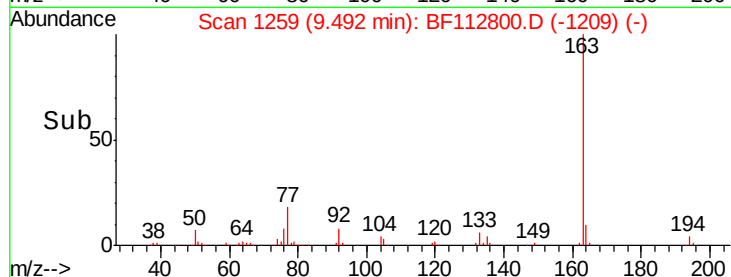
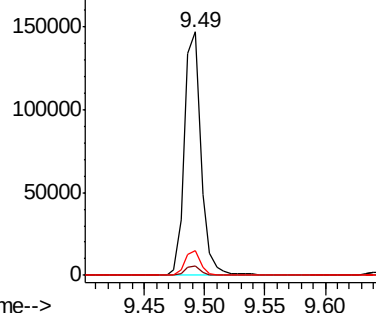
#50
Dimethylphthalate
Concen: 5.244 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.1	8.4	12.6

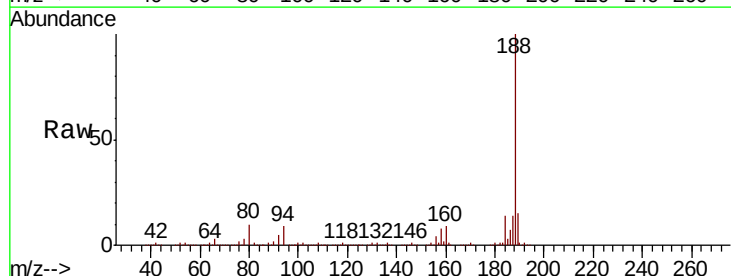


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

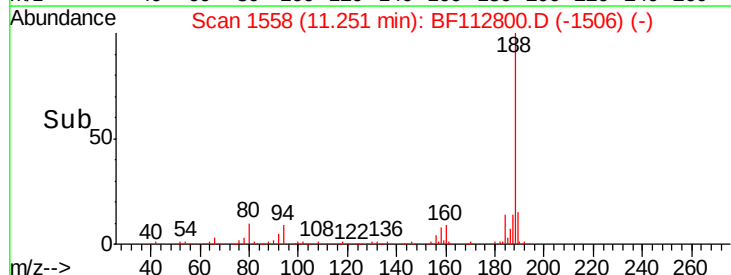
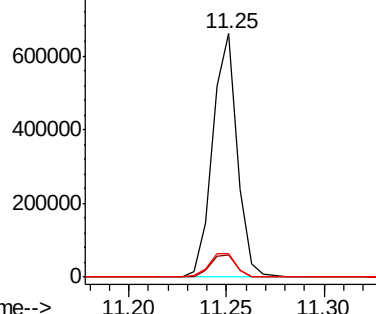


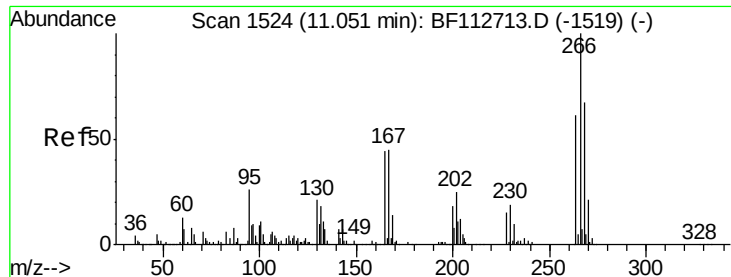
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.6	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

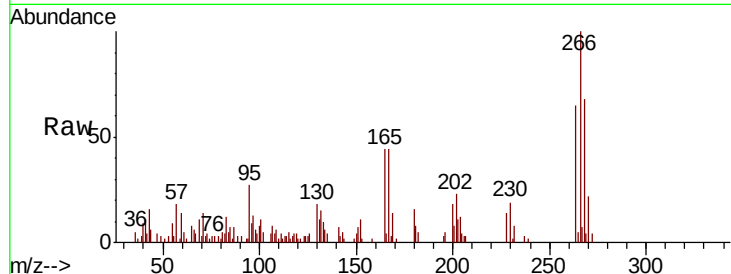




#70
 Pentachlorophenol
 Concen: 4.093 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF112800.D
 Acq: 1 Mar 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 200029

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	53.3	79.9
264	65.4	48.9	73.3

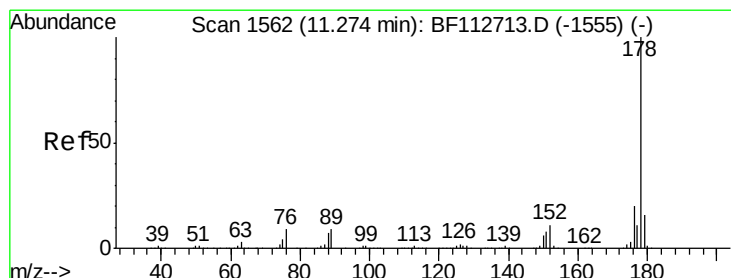
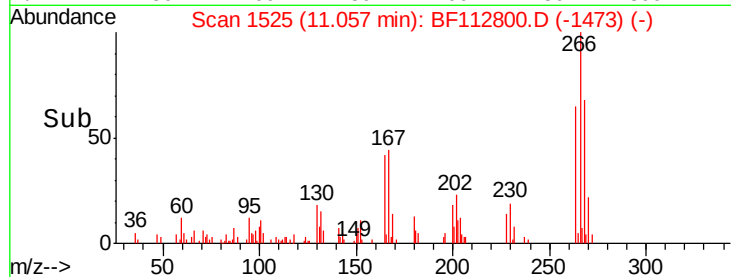
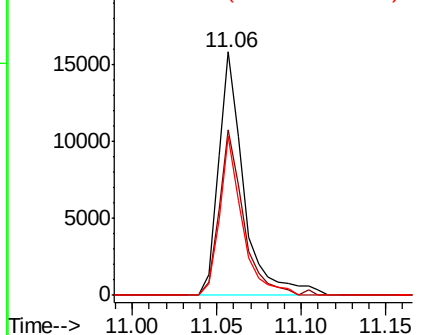


Abundance

Ion 265.70 (265.40 to 266.40): E

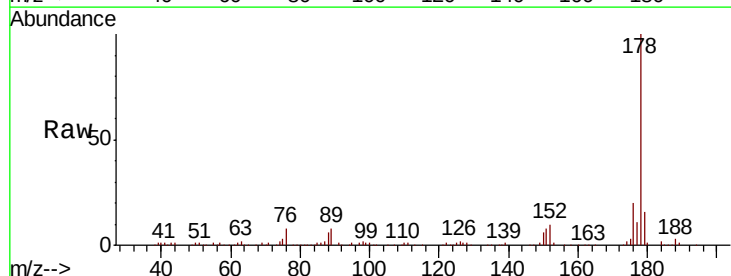
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 5.450 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF112800.D
 Acq: 1 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.7	12.7	19.1

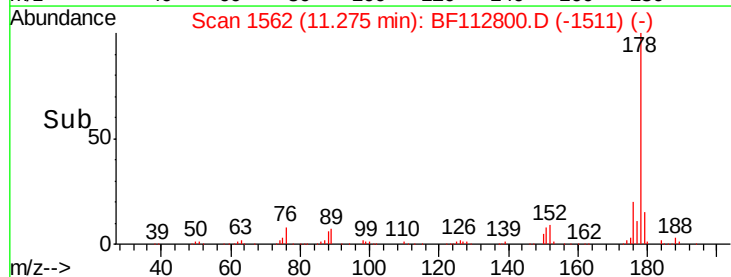
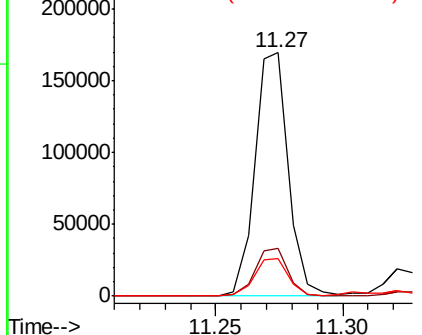


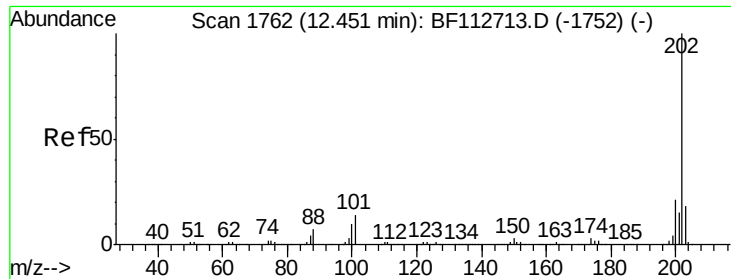
Abundance

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

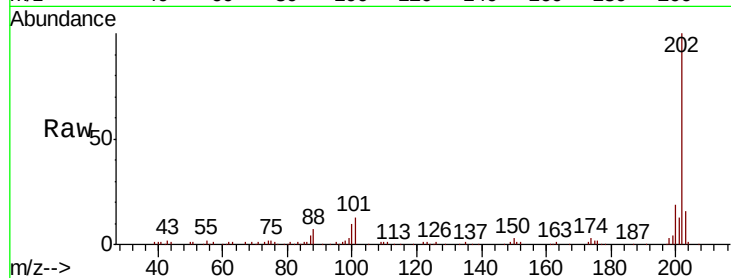




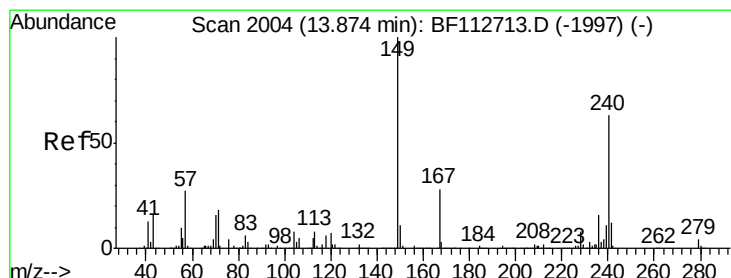
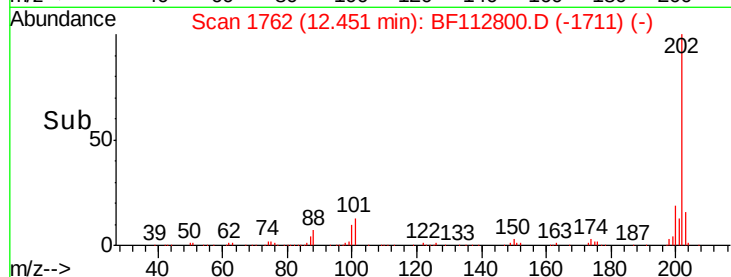
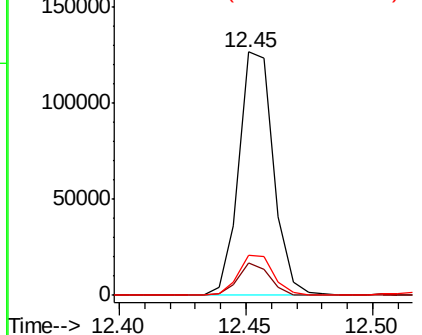
#75
Fluoranthene
Concen: 3.908 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	16.3	0.0	38.4

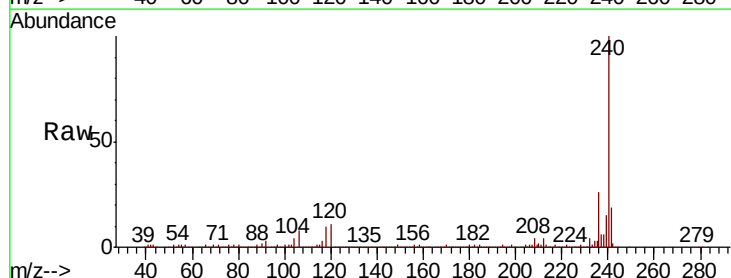


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

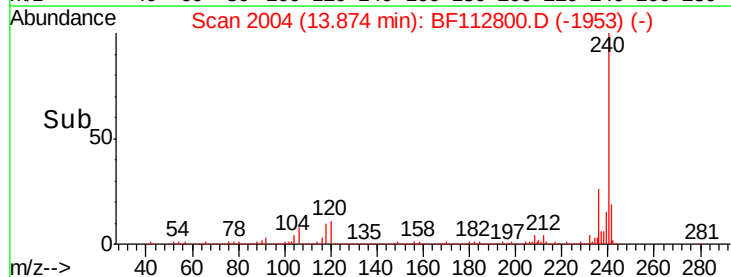
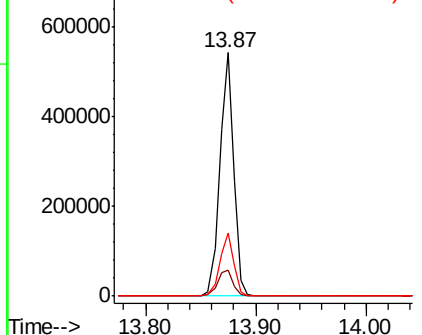


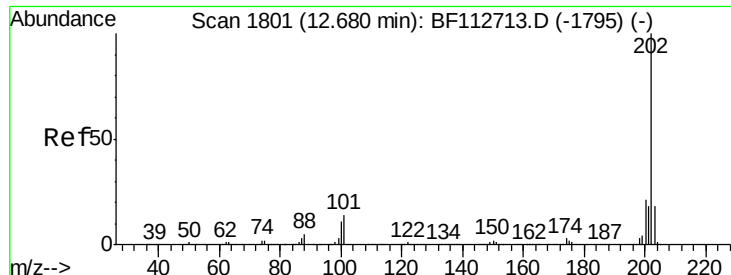
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.1	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





#78

Pvrene

Concen: 2.044 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112800.D

Acq: 1 Mar 2019 15:27

Instrument :

BNA_F

ClientSampleId :

200029

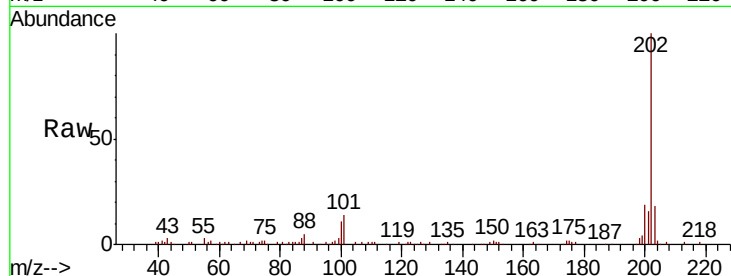
Tot Ion:202 Resp: 80885

Ion Ratio Lower Upper

202 100

200 19.1 17.0 25.4

203 17.9 14.4 21.6

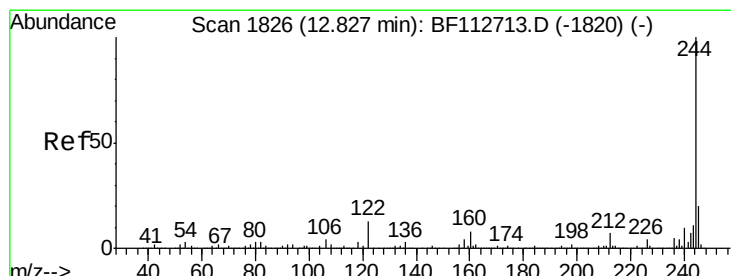
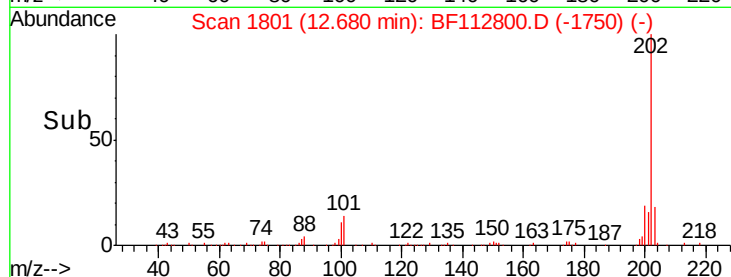
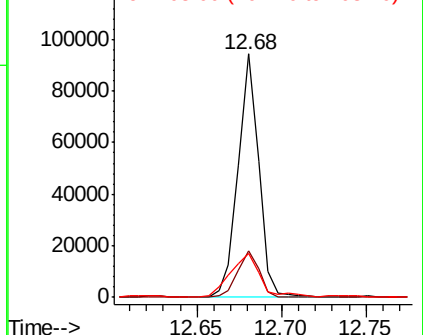


Abundance

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: 45.243 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112800.D

Acq: 1 Mar 2019 15:27

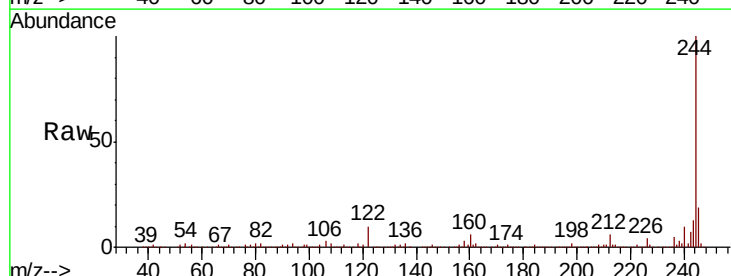
Tgt Ion:244 Resp: 1095800

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.0 10.5 15.7#

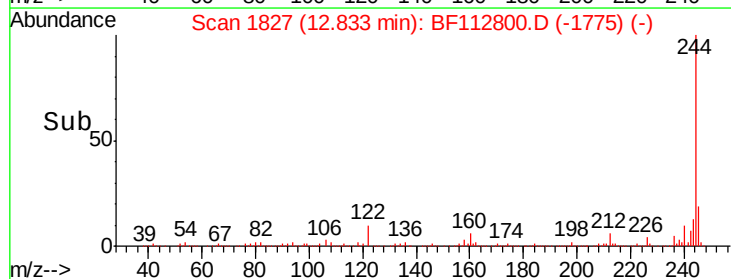
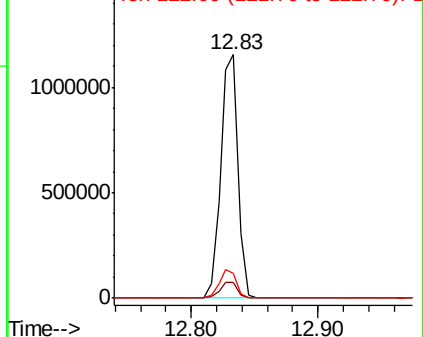


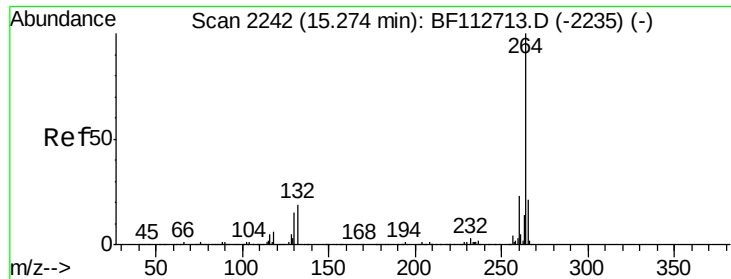
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112800.D
Acq: 1 Mar 2019 15:27

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	17.2	25.8

