

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112770.D
 Acq On : 28 Feb 2019 19:29
 Operator : JU/SJ
 Sample : K1650-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Quant Time: Mar 01 06:52:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

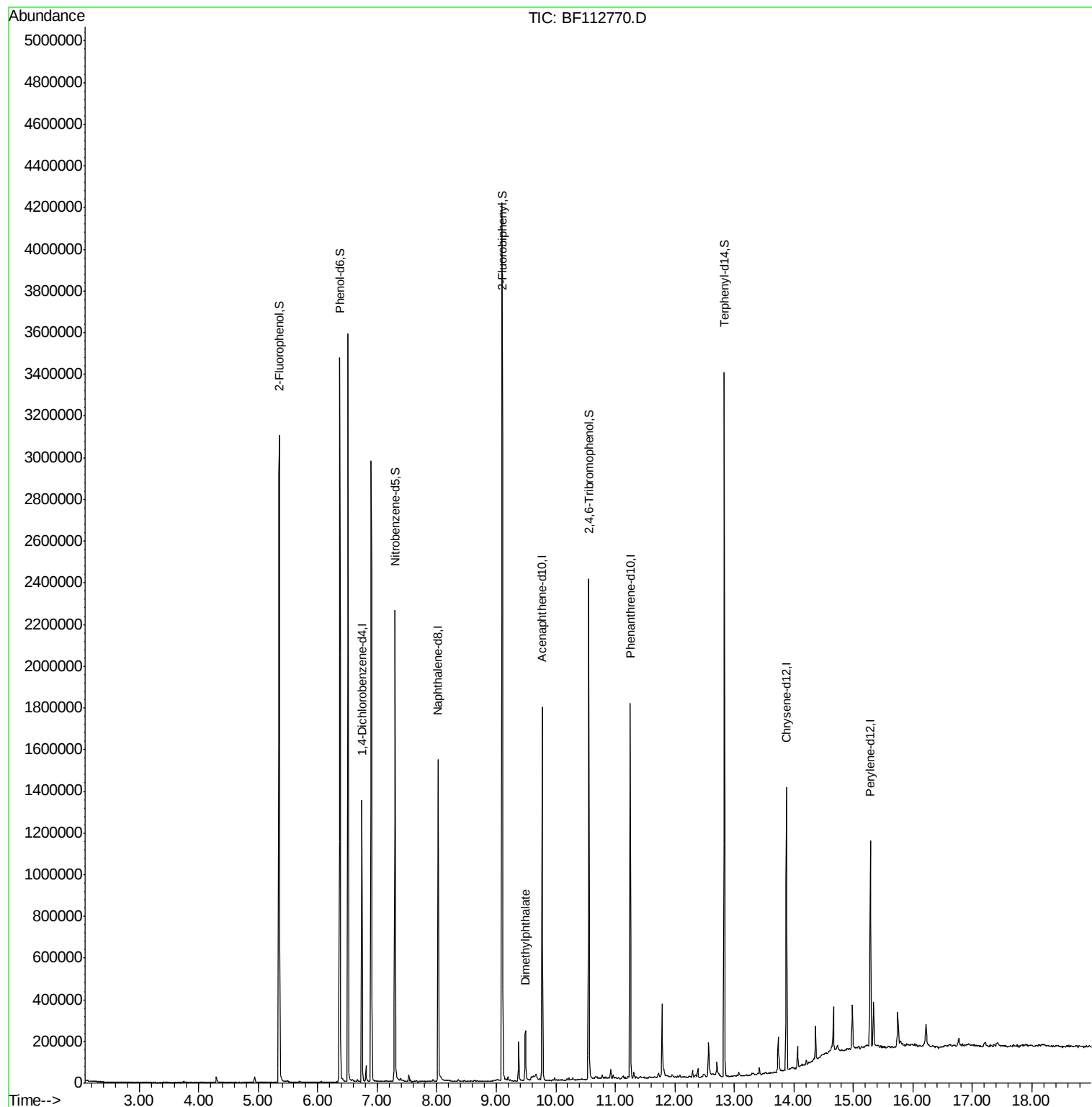
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192267	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	744502	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	344338	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	634167	20.00	ng	0.00
76) Chrysene-d12	13.87	240	419698	20.00	ng	0.00
87) Perylene-d12	15.29	264	440714	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	941801	76.20	ng	0.01
7) Phenol-d6	6.37	99	1218533	78.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	739206	59.41	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	312338	85.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1315278	61.98	ng	0.00
79) Terphenyl-d14	12.83	244	1170331	54.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	101135	3.983	ng	Qvalue 98

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

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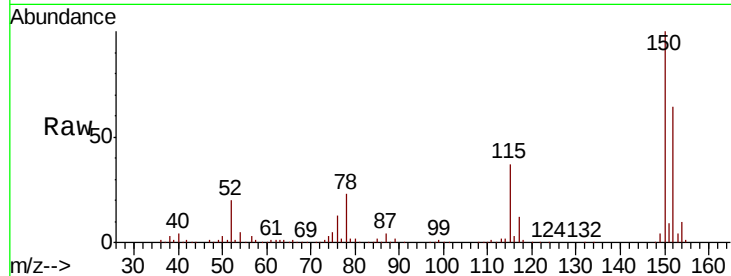


#1

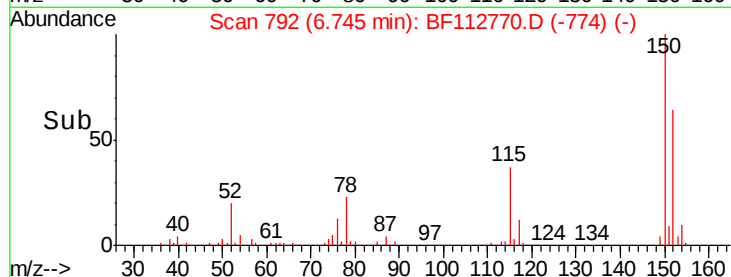
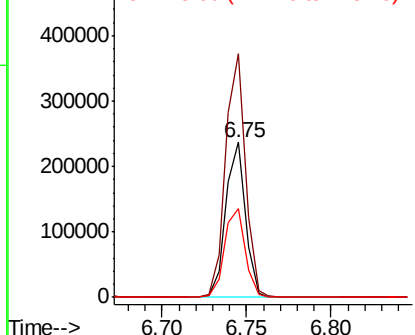
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampled :
B-5(9-10)

Tot Ion:152 Resp: 192267
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 57.4 48.2 72.4



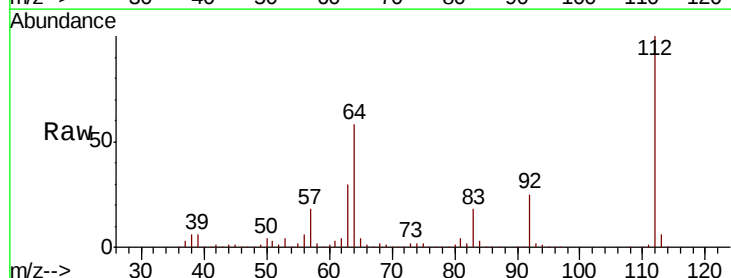
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



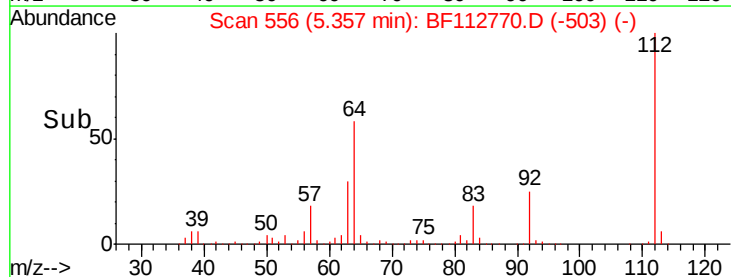
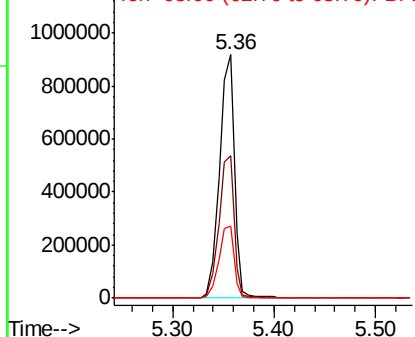
#5

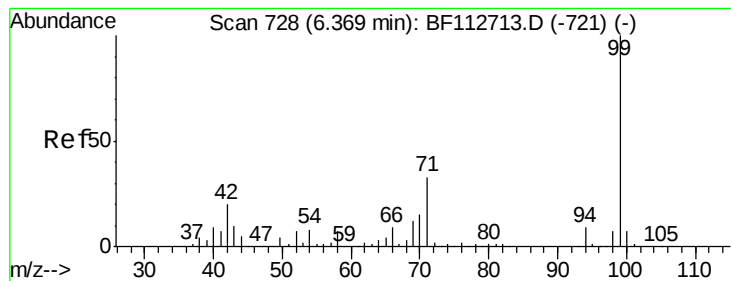
2-Fluorophenol
Concen: 76.197 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion:112 Resp: 941801
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 29.7 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: 78.482 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

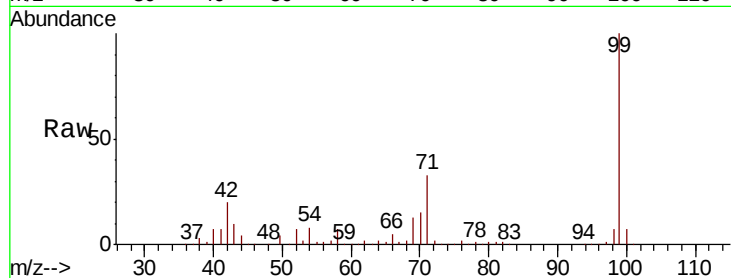
Tot Ion: 99 Resp: 1218533

Ion Ratio Lower Upper

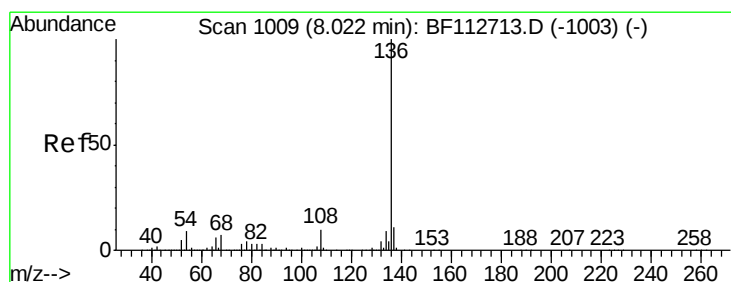
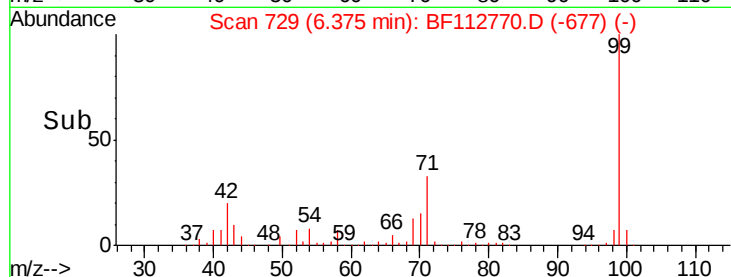
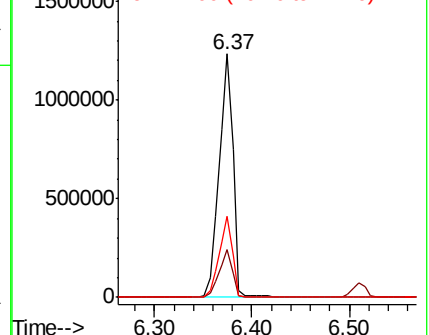
99 100

42 19.6 16.3 24.5

71 33.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Tgt Ion: 136 Resp: 744502

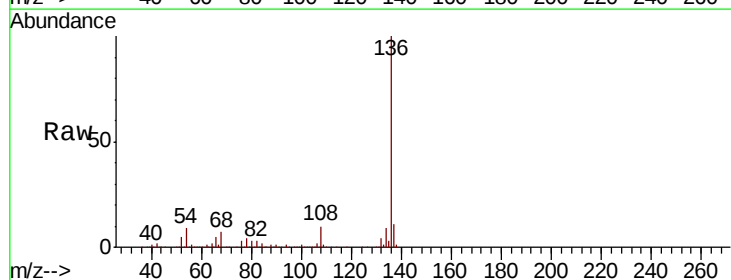
Ion Ratio Lower Upper

136 100

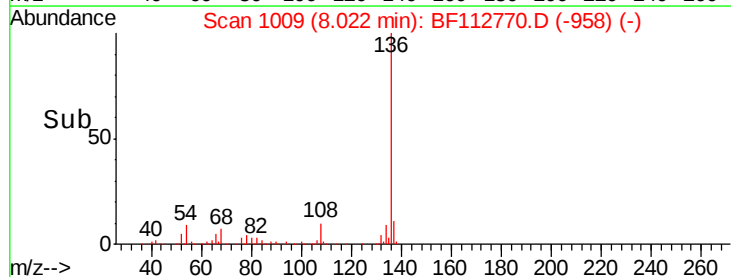
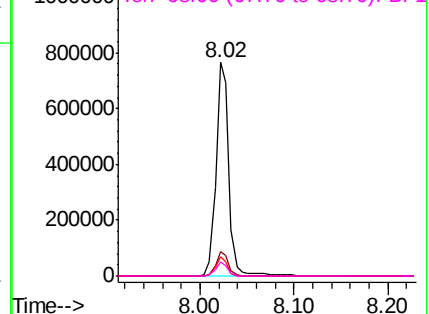
137 11.2 8.9 13.3

54 8.8 7.3 10.9

68 6.6 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

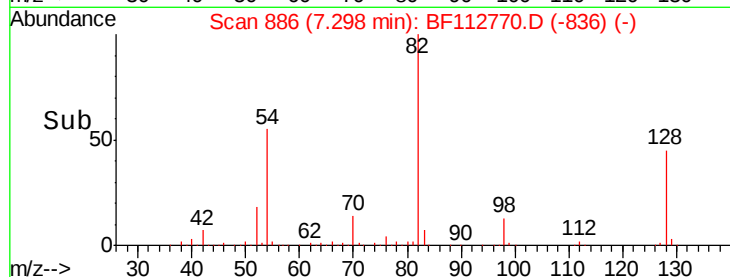
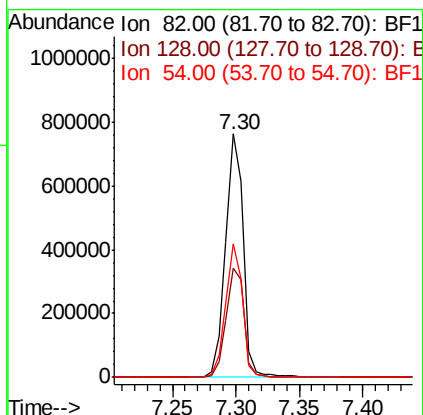
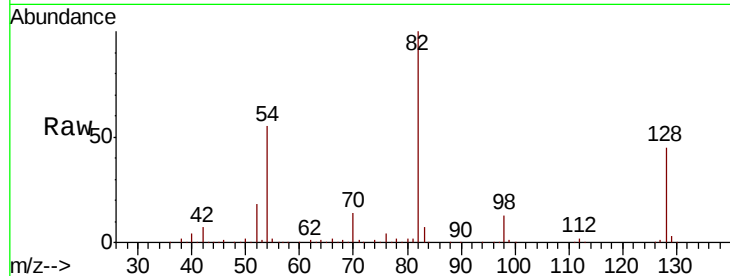




#23
 Nitrobenzene-d5
 Concen: 59.412 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

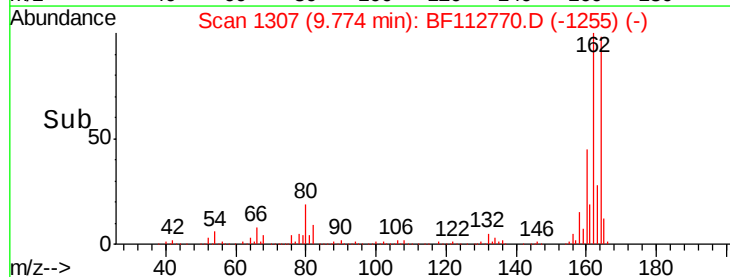
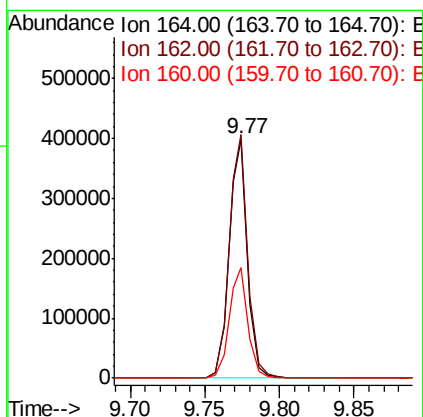
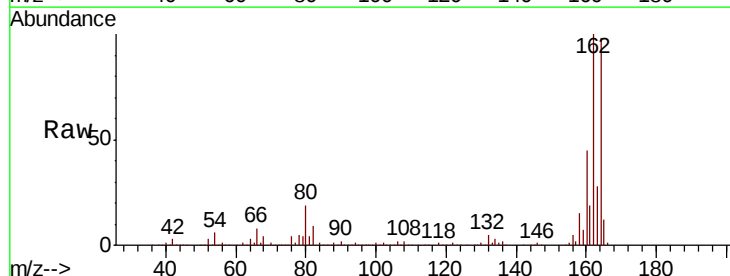
Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)

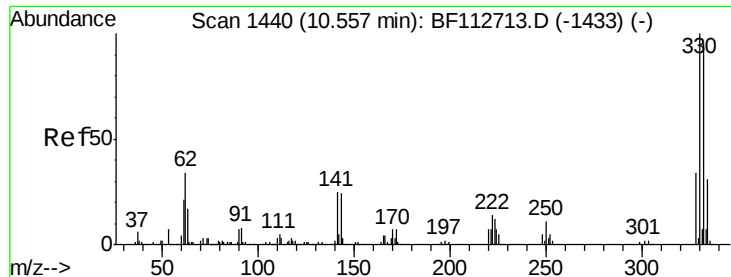
Tot Ion	82	Resp	739206
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.3	54.5
54	55.0	43.7	65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112770.D
 Acq: 28 Feb 2019 19:29

Tgt Ion	164	Resp	344338
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.6	120.8
160	46.0	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 85.441 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

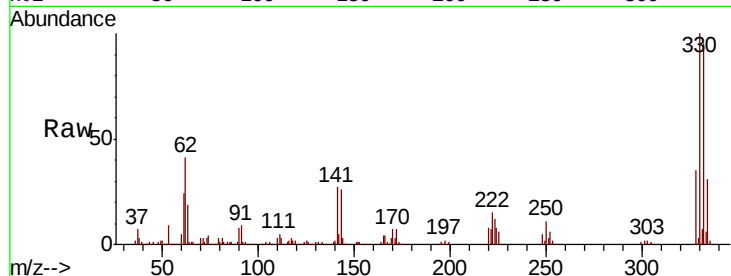
Tot Ion:330 Resp: 312338

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

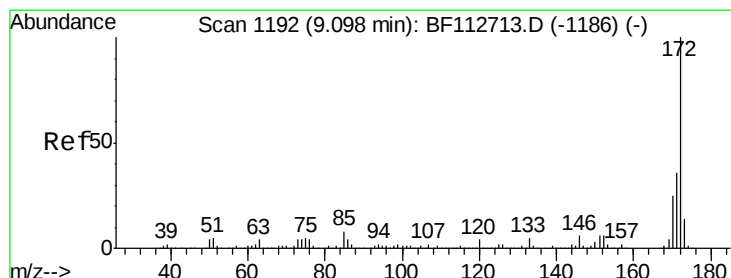
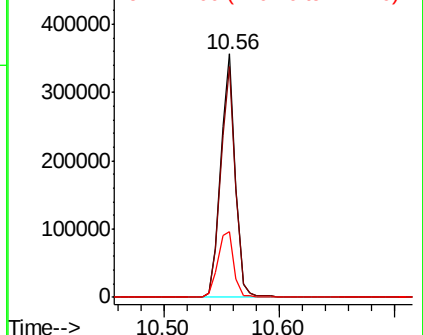
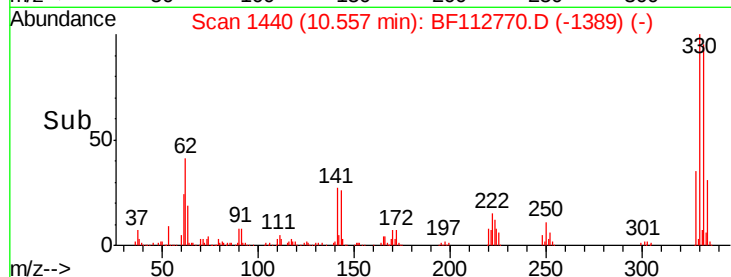
141 29.8 27.0 40.6



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: 61.981 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

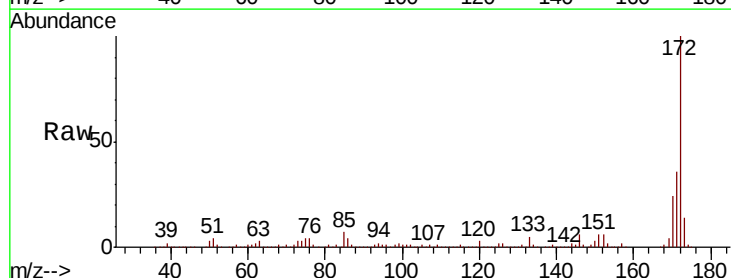
Tgt Ion:172 Resp: 1315278

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

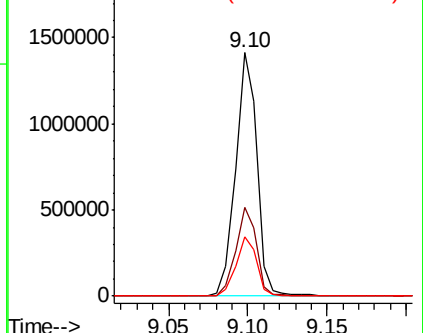
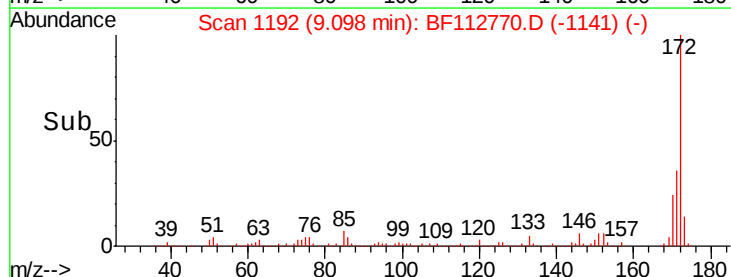
170 24.3 20.0 30.0

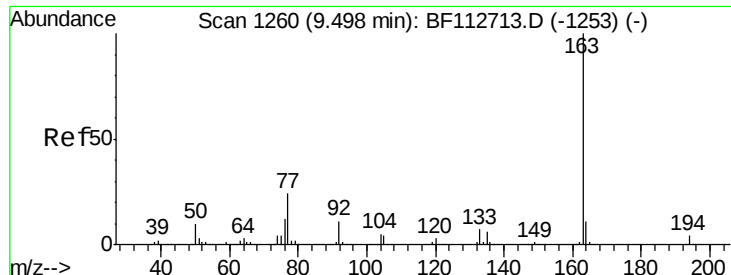


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

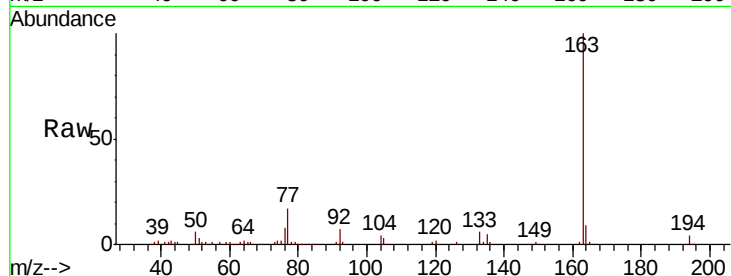




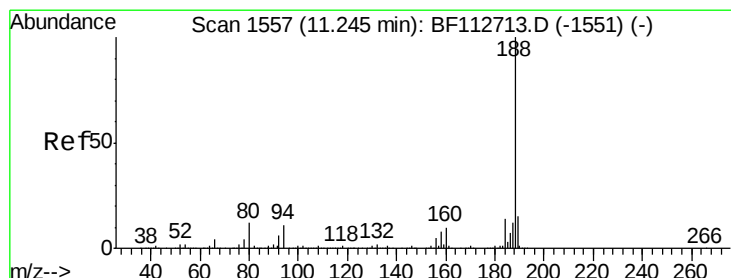
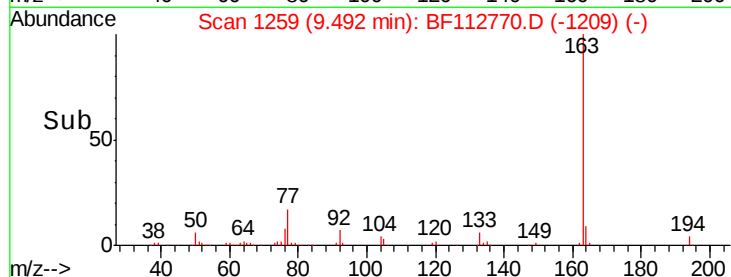
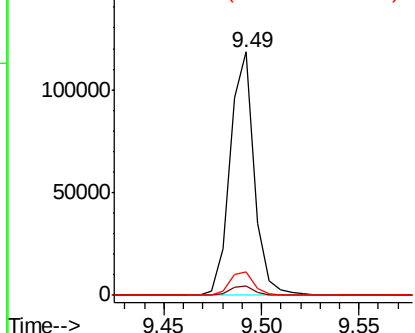
#50
Dimethylphthalate
Concen: 3.983 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.4	8.4	12.6

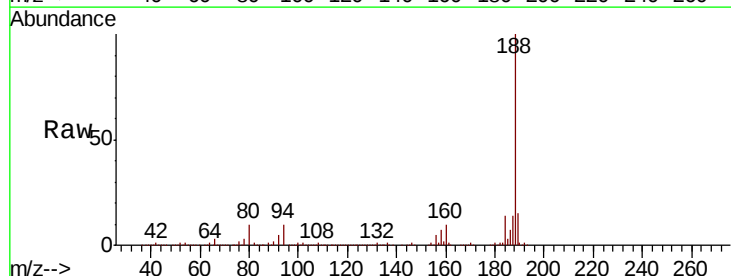


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

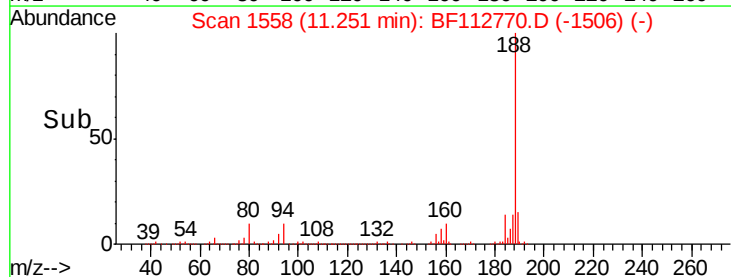
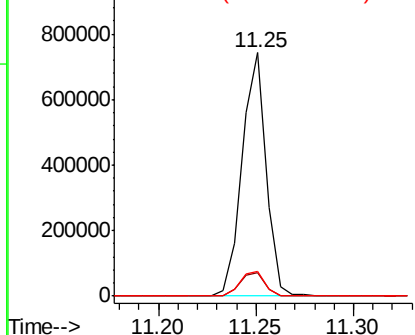


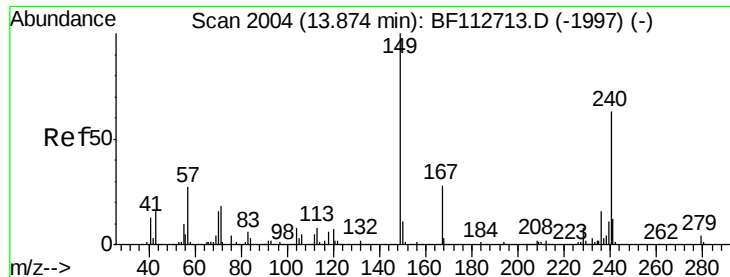
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112770.D
Acq: 28 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.1	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# 2004

Delta R.T. -0.00 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

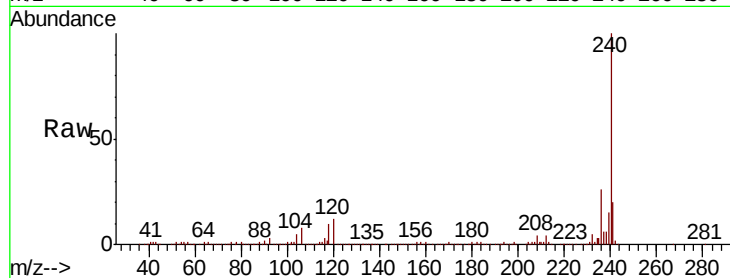
Tot Ion:240 Resp: 419698

Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

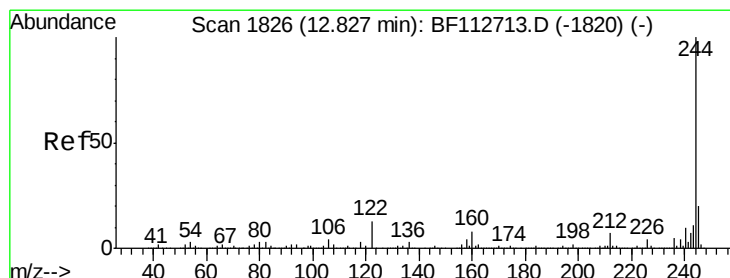
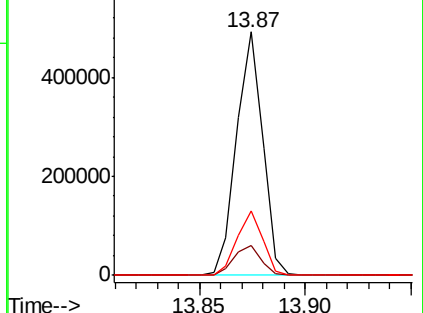
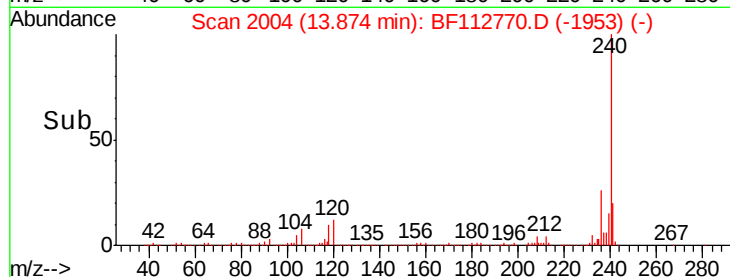
236 26.4 20.7 31.1



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: 54.055 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112770.D

Acq: 28 Feb 2019 19:29

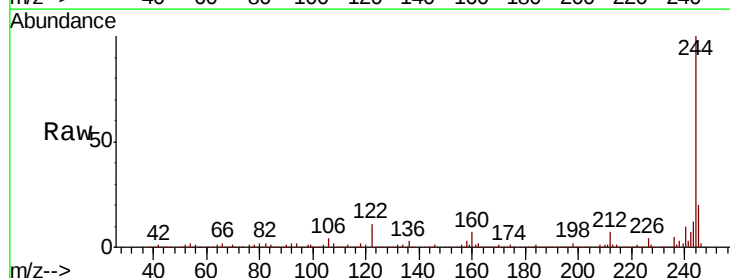
Tgt Ion:244 Resp: 1170331

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

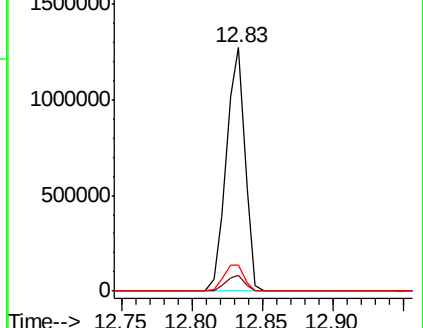
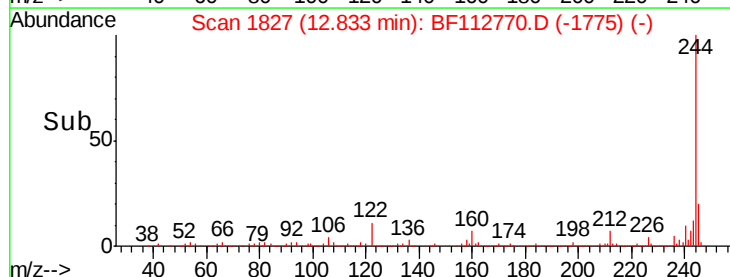
122 10.9 10.5 15.7

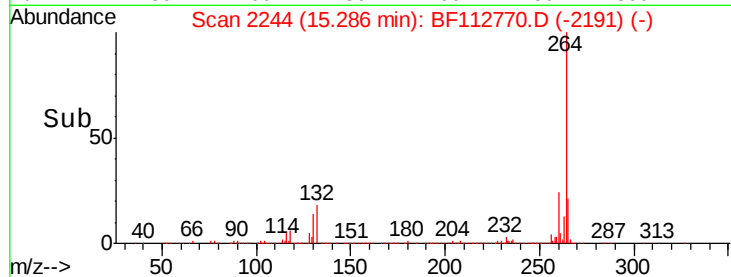
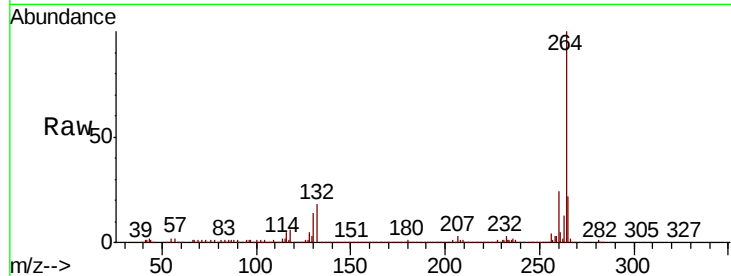
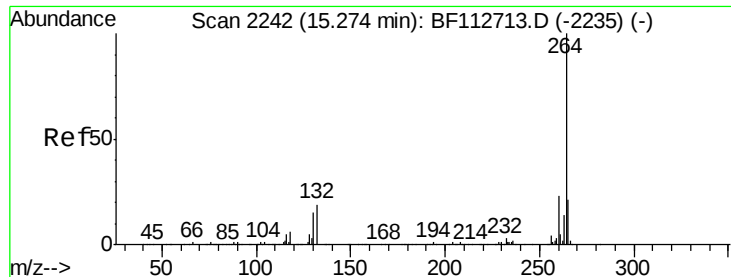


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF112770.D
Acq: 28 Feb 2019 19:29

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.6	17.2	25.8

