

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112778.D
 Acq On : 28 Feb 2019 23:05
 Operator : JU/SJ
 Sample : K1650-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

Quant Time: Mar 01 07:14:50 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

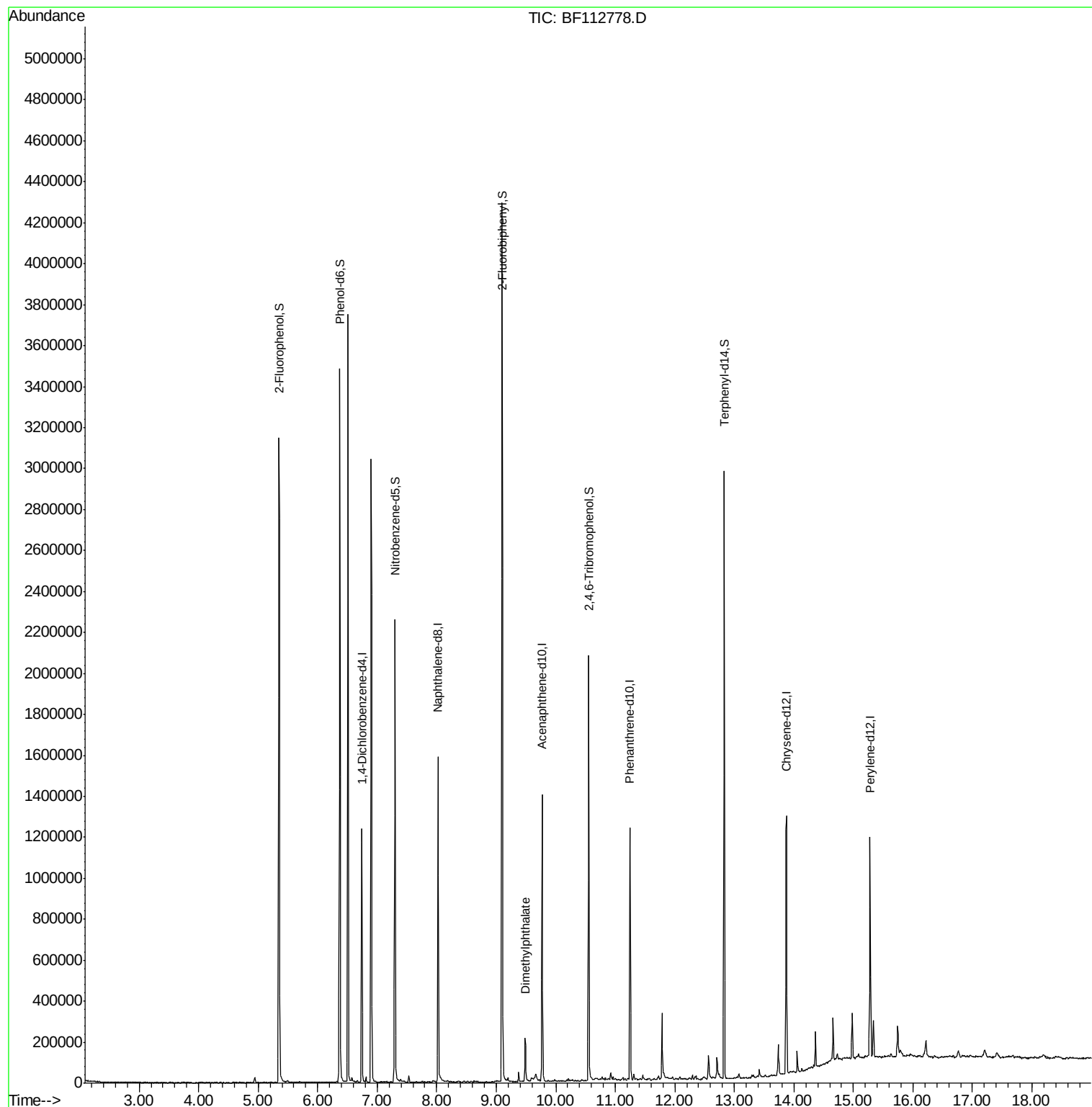
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189112	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	705754	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	296851	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	478752	20.00	ng	0.00
76) Chrysene-d12	13.87	240	430758	20.00	ng	0.00
87) Perylene-d12	15.28	264	477128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	959550	78.93	ng	0.00
7) Phenol-d6	6.37	99	1224372	80.17	ng	0.00
23) Nitrobenzene-d5	7.30	82	742488	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	264637	83.97	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1288656	72.57	ng	0.00
79) Terphenyl-d14	12.83	244	1029338	46.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	87402	3.993	ng	Qvalue 100

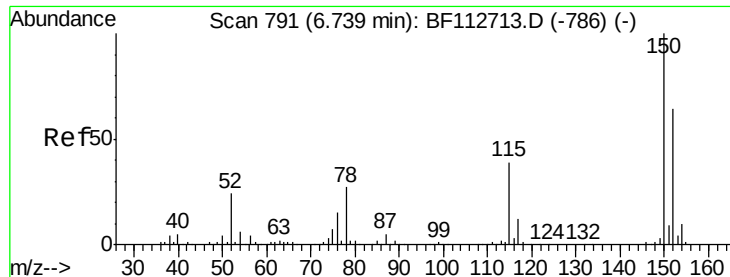
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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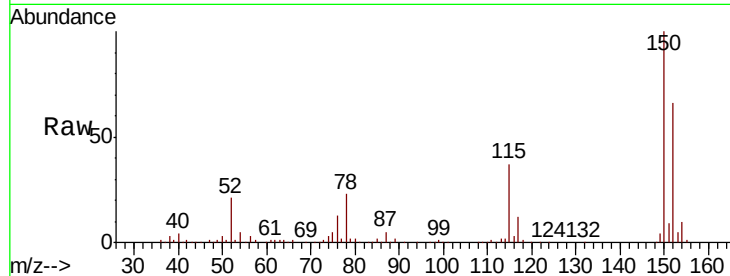


#1

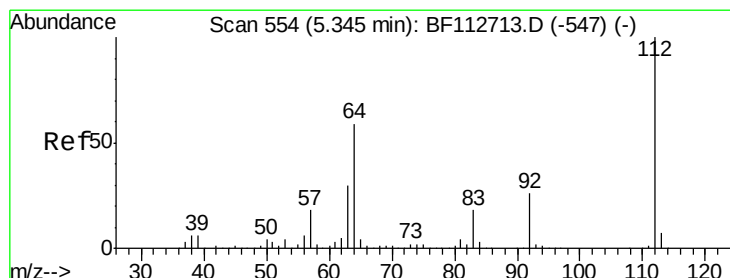
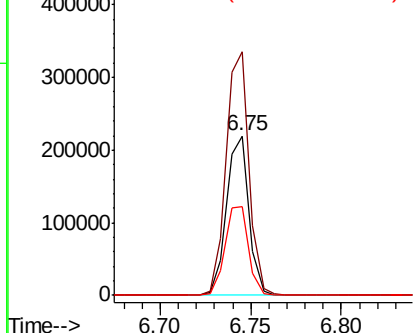
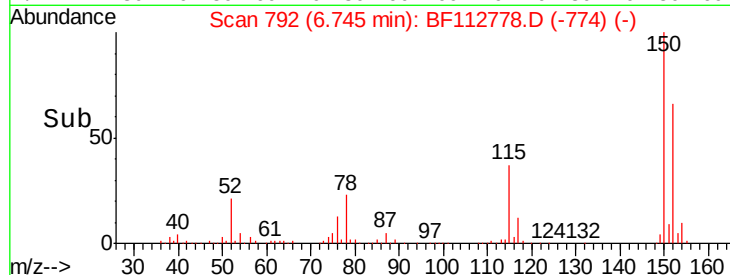
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

Tot Ion:152 Resp: 189112
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.2 186.2
 115 56.0 48.2 72.4



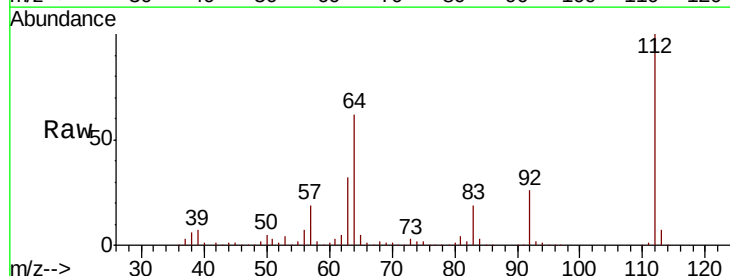
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



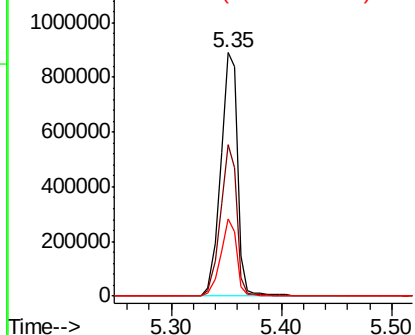
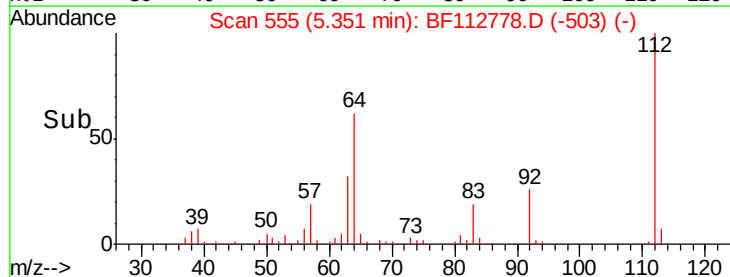
#5

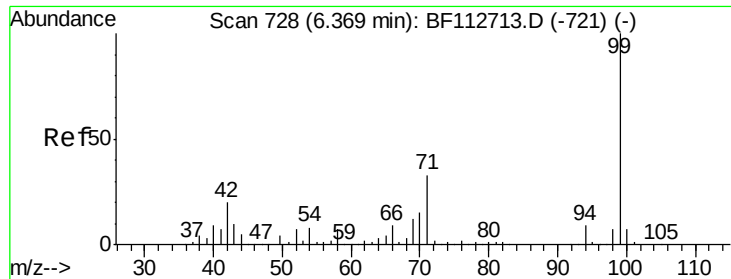
2-Fluorophenol
 Concen: 78.928 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

Tgt Ion:112 Resp: 959550
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.6 71.4
 63 31.9 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: 80.173 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

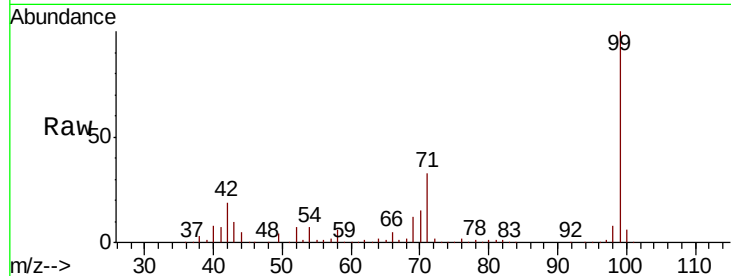
Tot Ion: 99 Resp: 1224372

Ion Ratio Lower Upper

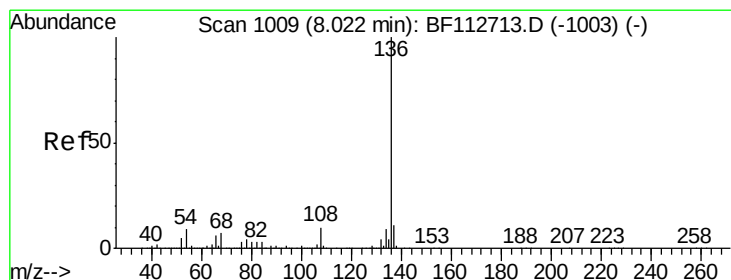
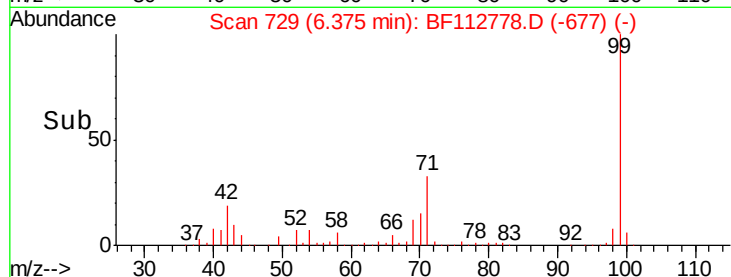
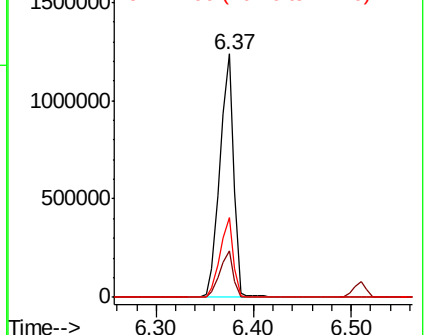
99 100

42 19.3 16.3 24.5

71 32.7 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: BF112778.D

Acq: 28 Feb 2019 23:05

Tgt Ion: 136 Resp: 705754

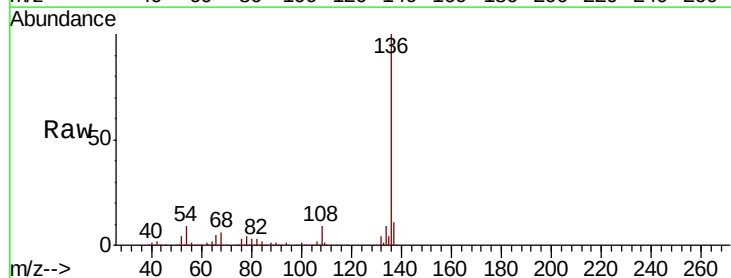
Ion Ratio Lower Upper

136 100

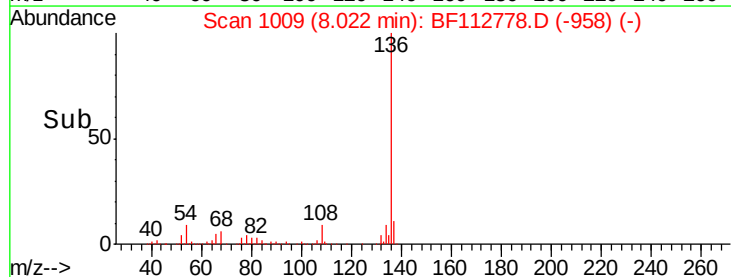
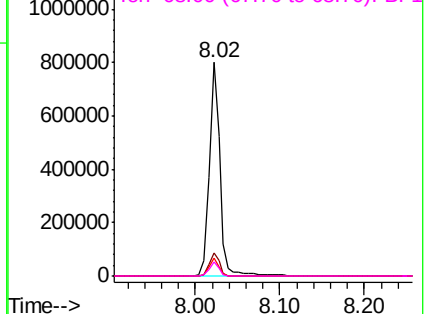
137 10.9 8.9 13.3

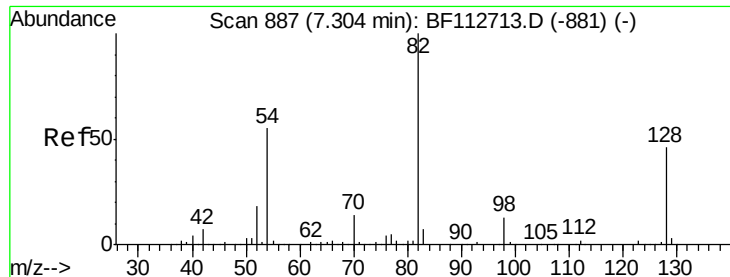
54 8.5 7.3 10.9

68 6.3 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

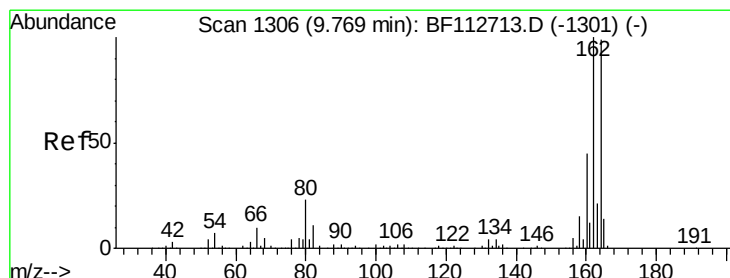
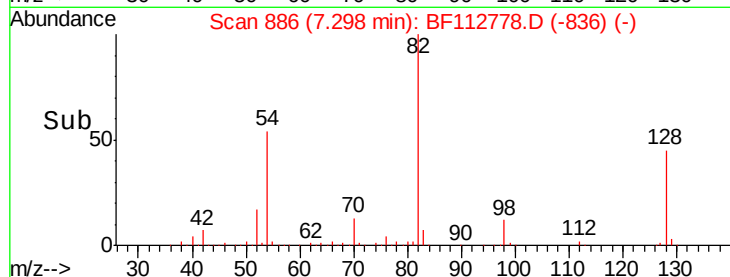
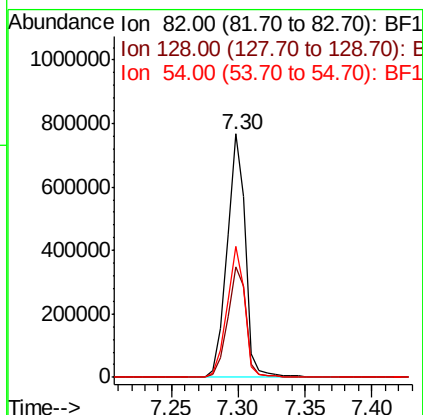
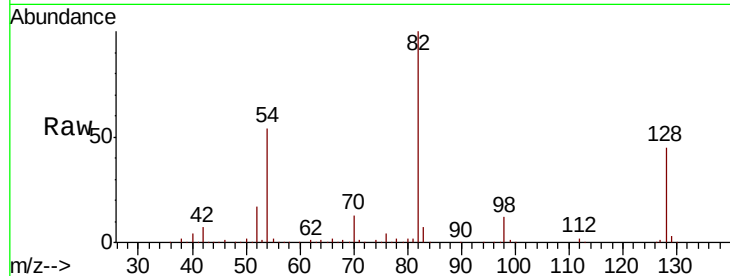




#23
 Nitrobenzene-d5
 Concen: 62.952 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

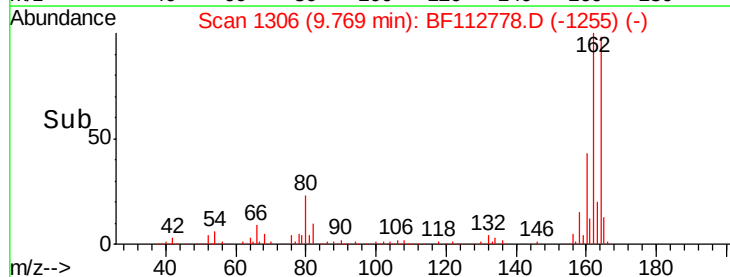
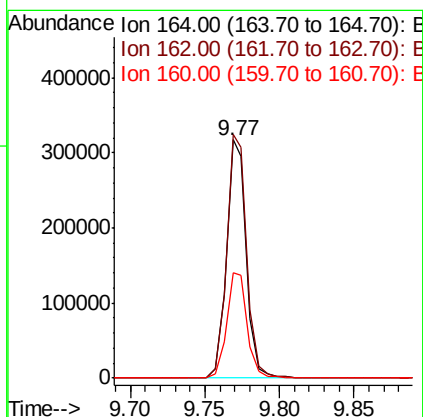
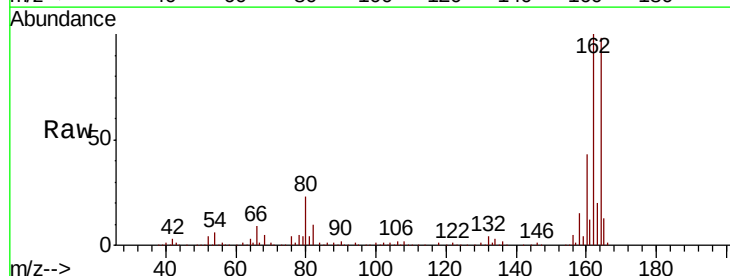
Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

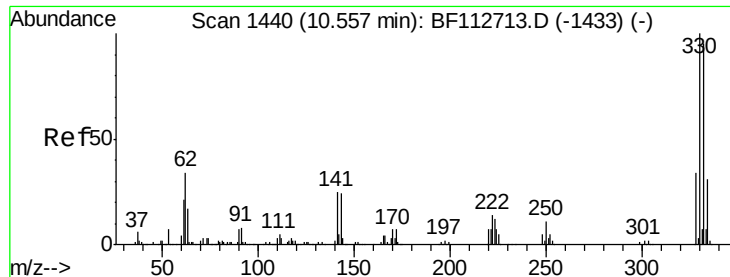
Tot Ion	82	Resp	742488
Ion Ratio	100		
Lower	36.3		
Upper	54.5		
128	45.2		
54	54.0		
	43.7		
	65.5		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

Tgt Ion	164	Resp	296851
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	102.2		
160	44.1		
	36.0		
	54.0		





#42

2,4,6-Tribromophenol

Concen: 83.973 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

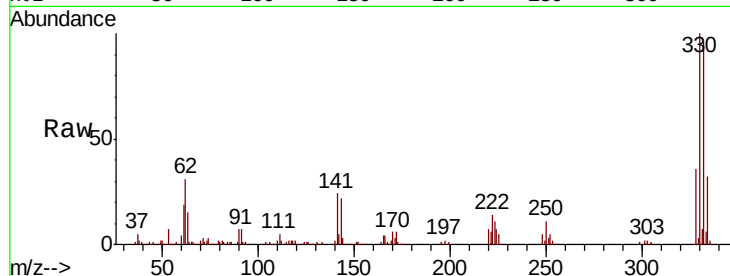
Tot Ion:330 Resp: 264637

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

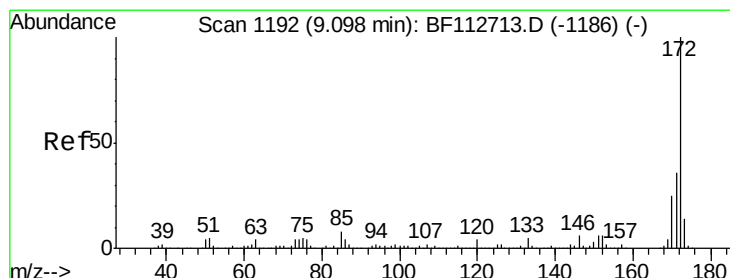
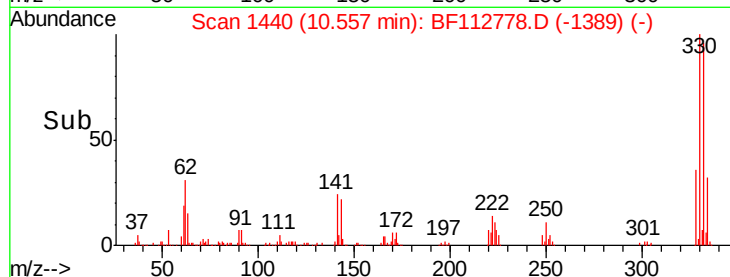
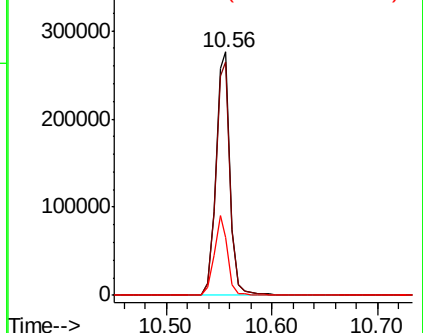
141 30.9 27.0 40.6



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: 72.571 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

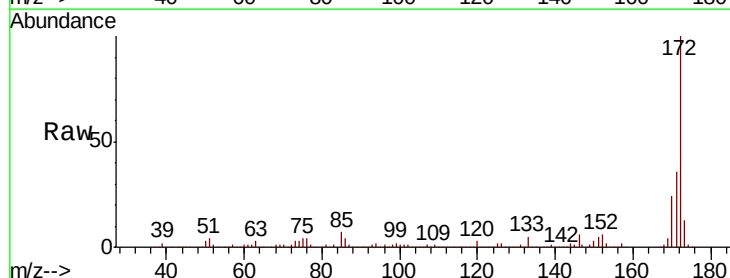
Tgt Ion:172 Resp: 1288656

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

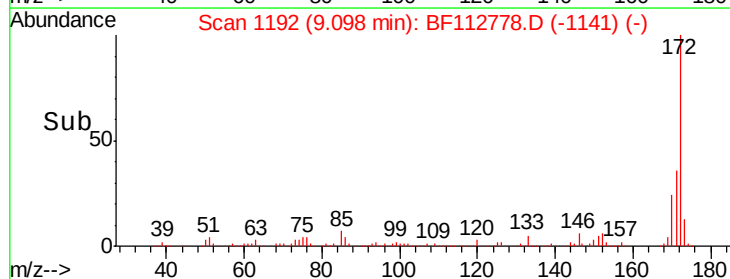
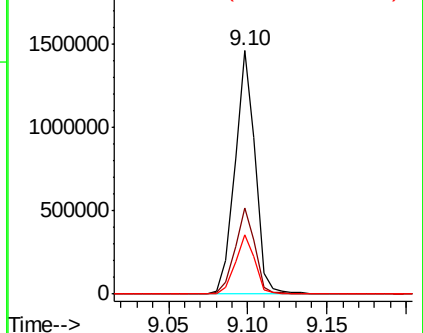
170 24.3 20.0 30.0

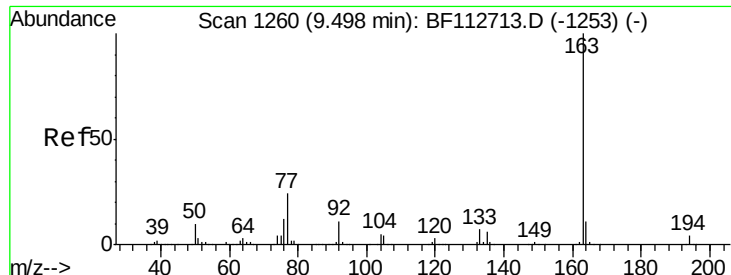


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

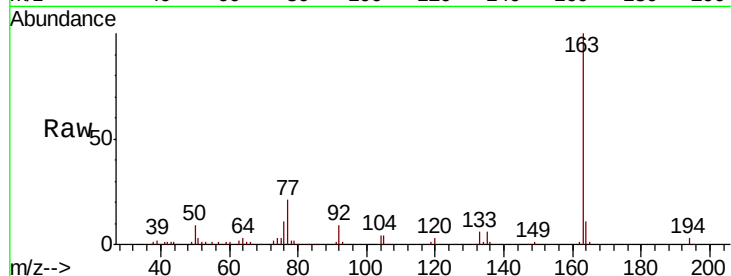




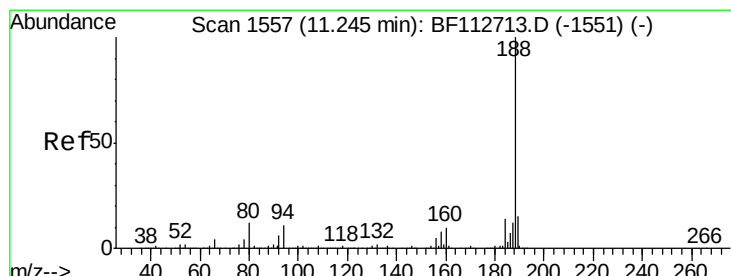
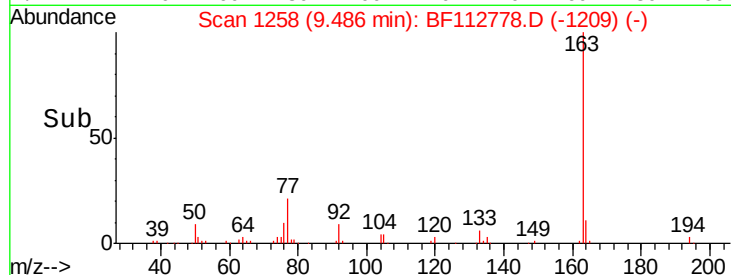
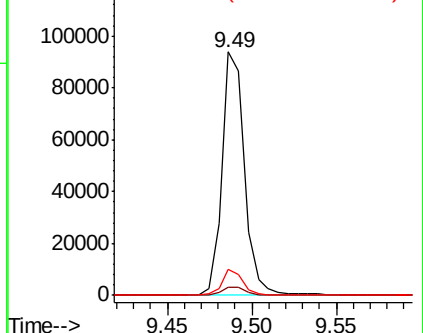
#50
Dimethylphthalate
Concen: 3.993 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	8.4	12.6

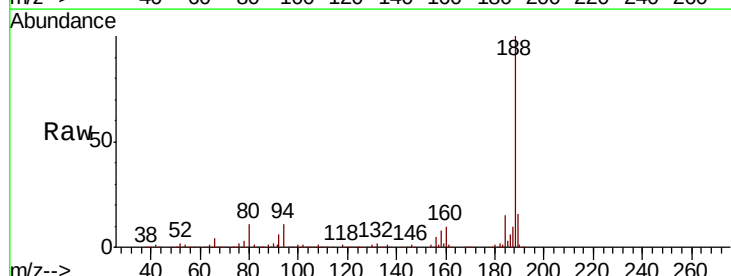


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

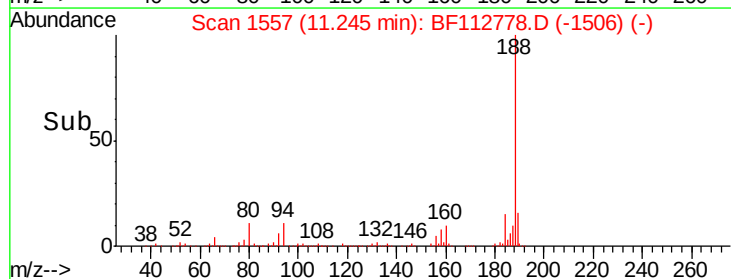
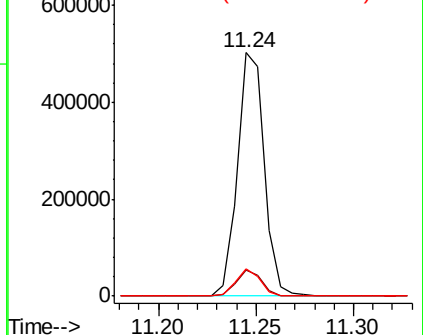


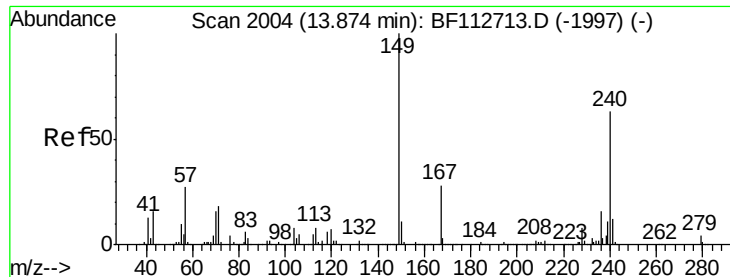
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	11.4	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

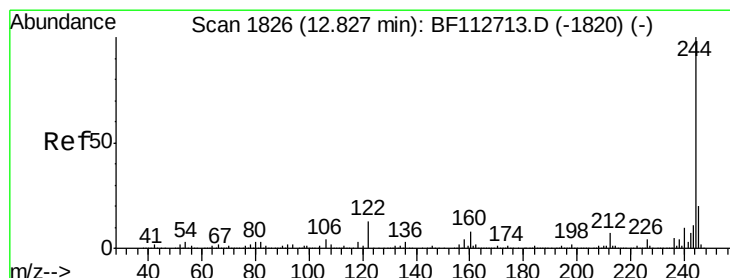
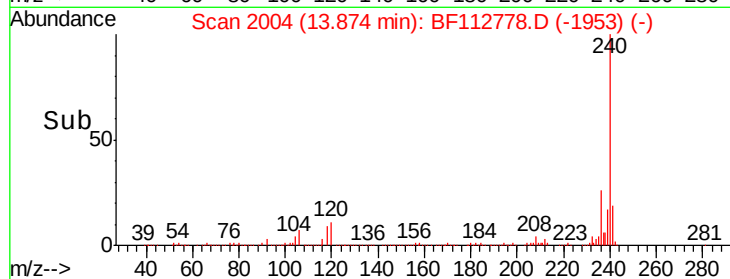
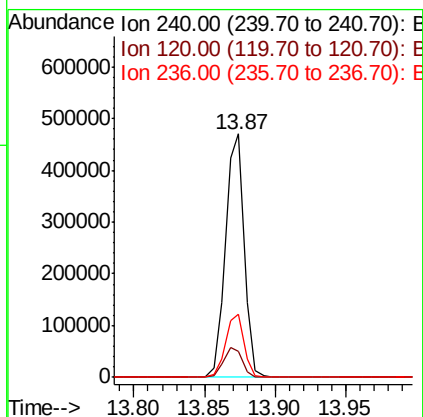
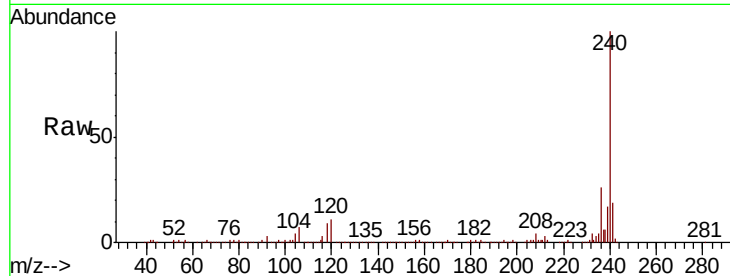




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

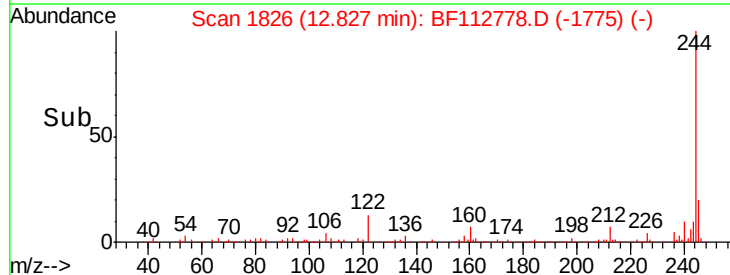
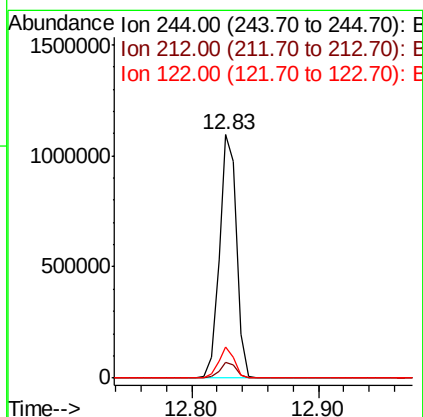
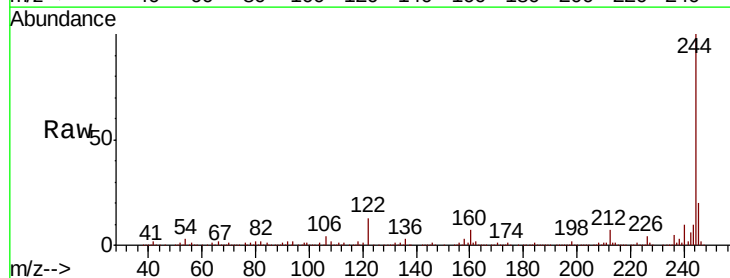
Instrument :
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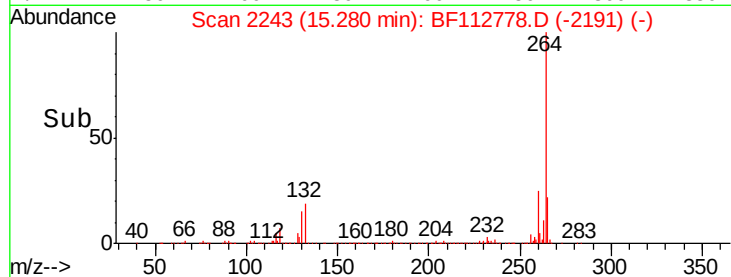
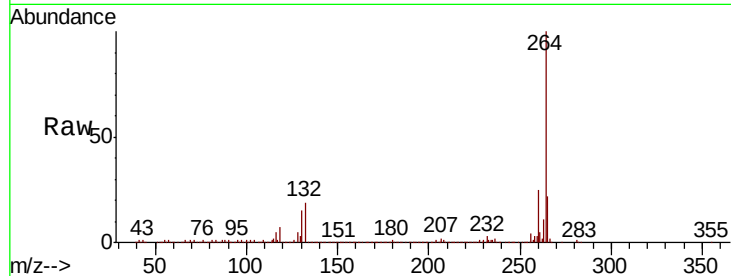
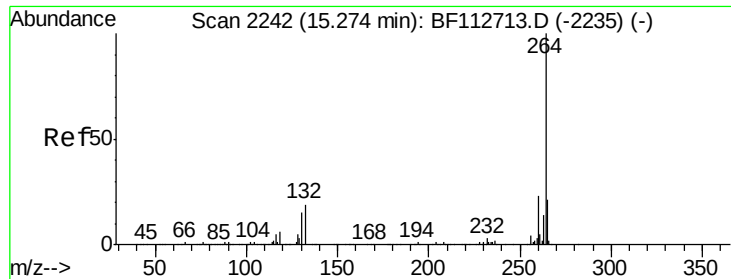
Tot Ion:240 Resp: 430758
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 46.322 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:244 Resp: 1029338
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 12.6 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.0	17.2	25.8

