

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113676.D
 Acq On : 9 Apr 2019 22:22
 Operator : JU/SJ
 Sample : K2294-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Apr 10 07:19:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101791	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	376619	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	170420	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	308803	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	282433	20.00	ng	-0.02
87) Perylene-d12	15.23	264	274871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	629065	105.38	ng	0.00
7) Phenol-d6	6.33	99	737247	100.21	ng	0.00
23) Nitrobenzene-d5	7.25	82	531935	82.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	239437	116.96	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1002557	94.71	ng	-0.02
79) Terphenyl-d14	12.77	244	923814	66.60	ng	-0.02

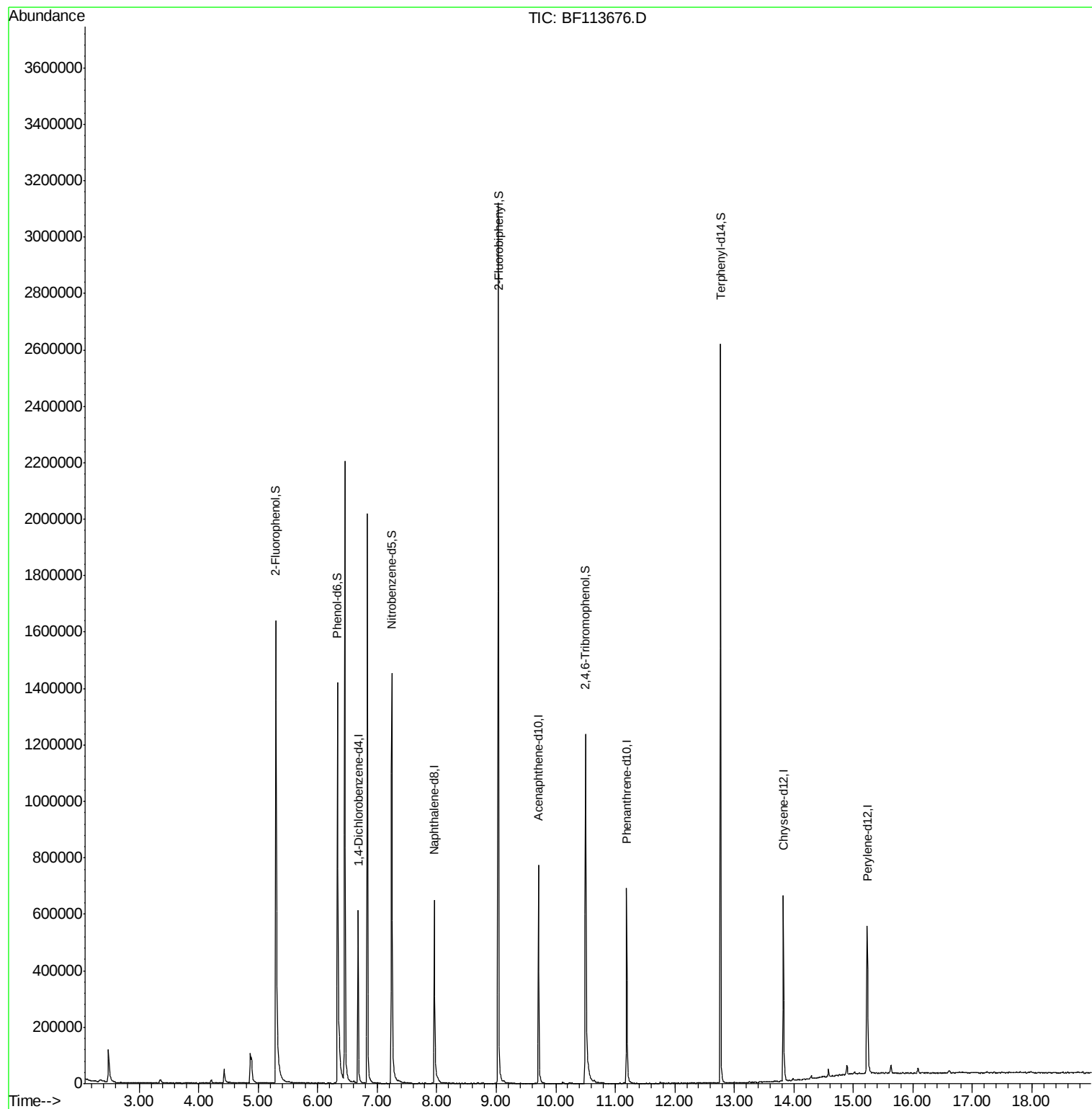
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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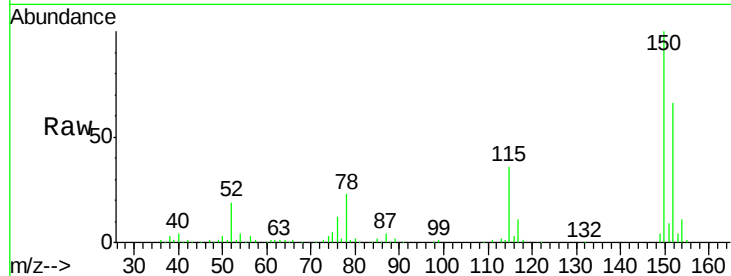


#1

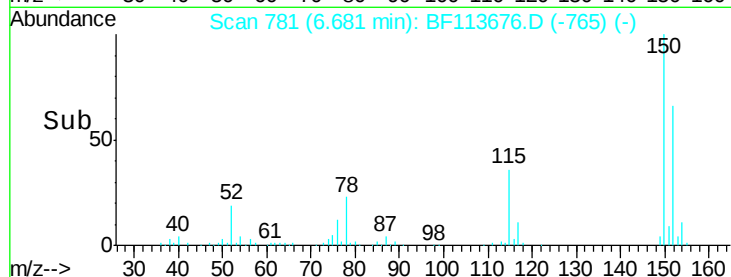
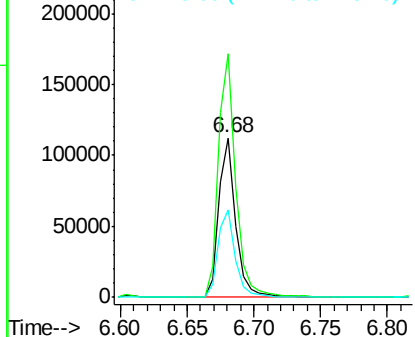
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Tgt Ion:152 Resp: 101791
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.7 187.1
 115 54.7 46.0 69.0



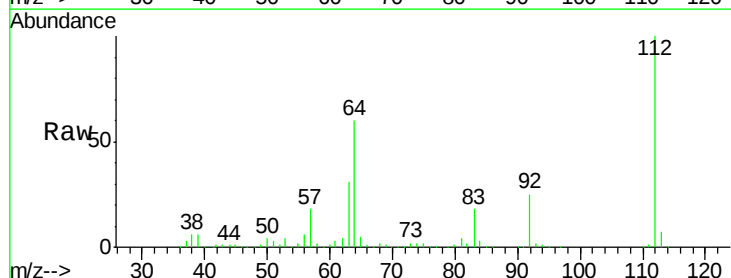
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



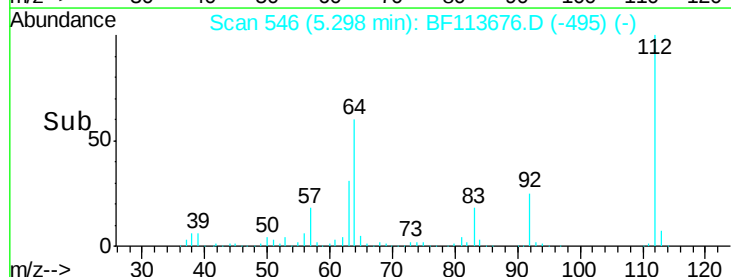
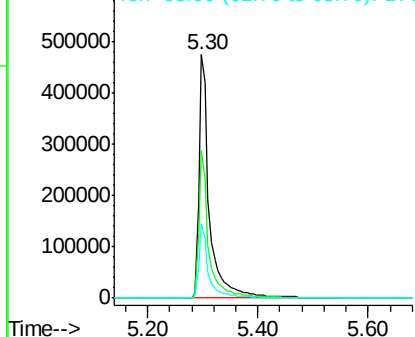
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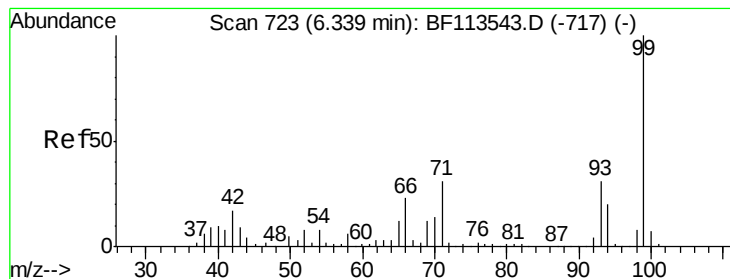
2-Fluorophenol
 Concen: 105.383 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Tgt Ion:112 Resp: 629065
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.2 73.8
 63 30.7 24.9 37.3



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: 100.207 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampleId :

TP-14-D

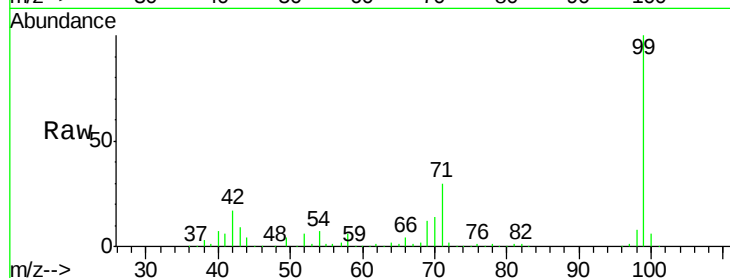
Tgt Ion: 99 Resp: 737247

Ion Ratio Lower Upper

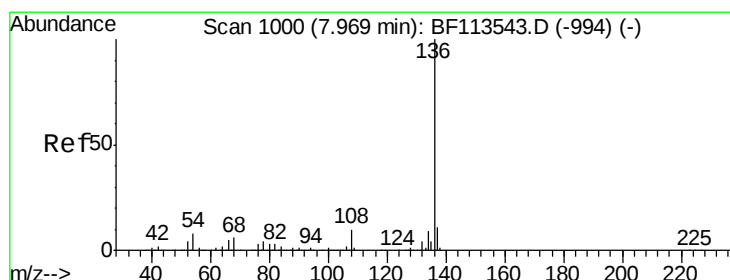
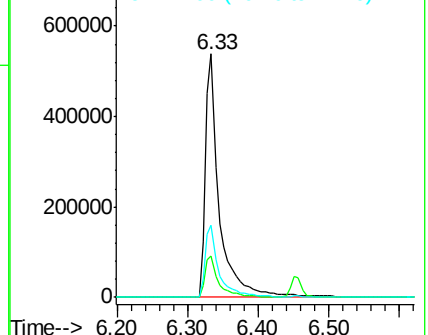
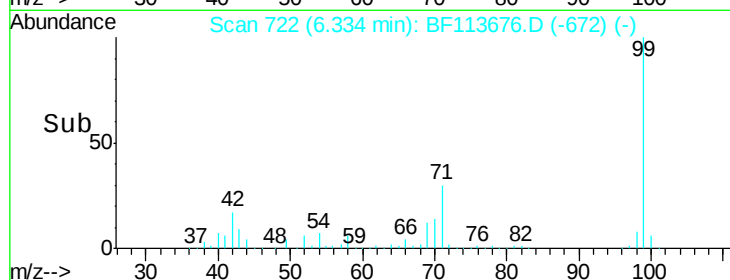
99 100

42 17.1 14.8 22.2

71 29.8 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Tgt Ion: 136 Resp: 376619

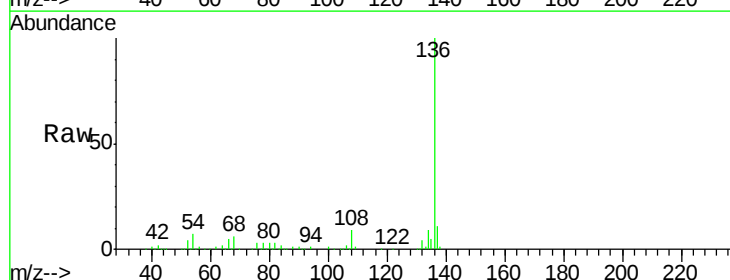
Ion Ratio Lower Upper

136 100

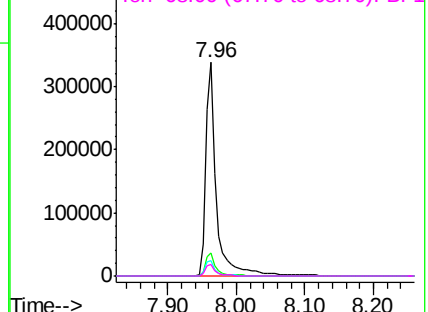
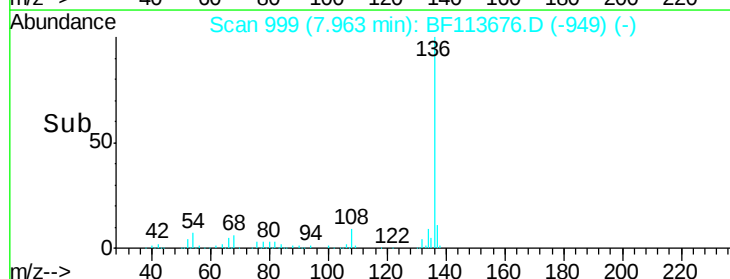
137 10.6 8.9 13.3

54 7.4 7.0 10.6

68 5.5 4.8 7.2



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

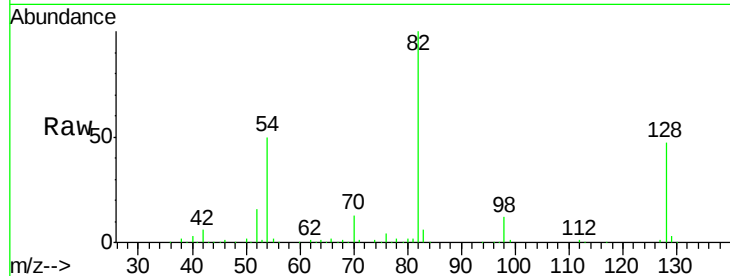




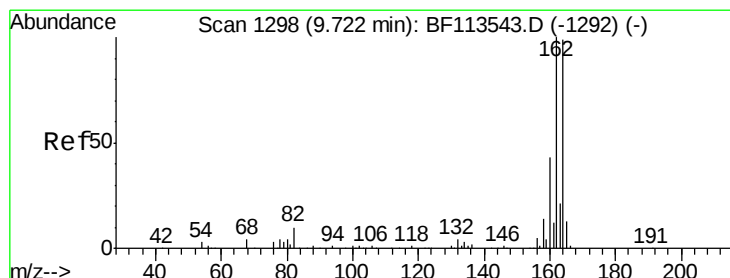
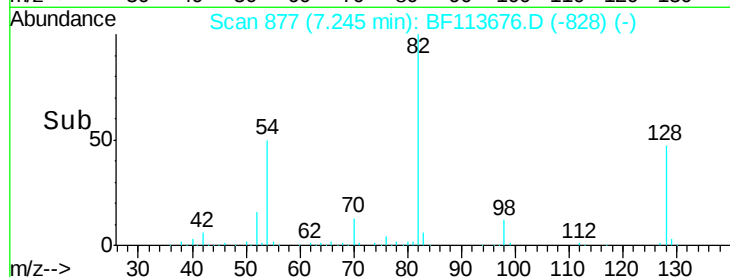
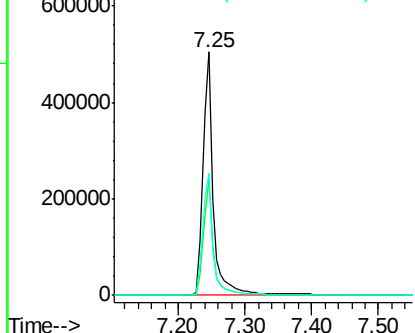
#23
Nitrobenzene-d5
Concen: 82.731 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion: 82 Resp: 531935
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 50.3 42.2 63.2

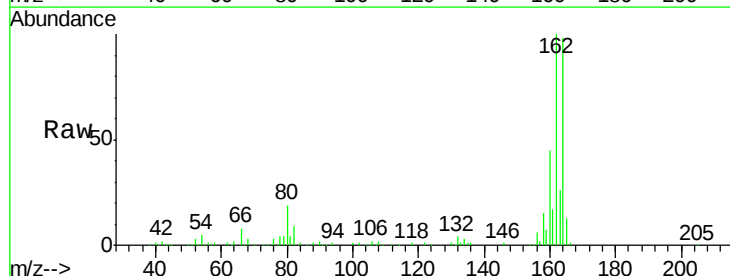


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

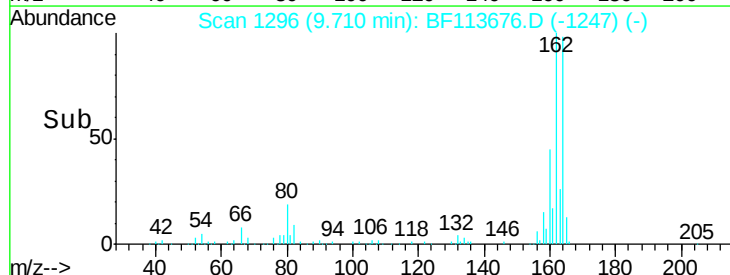
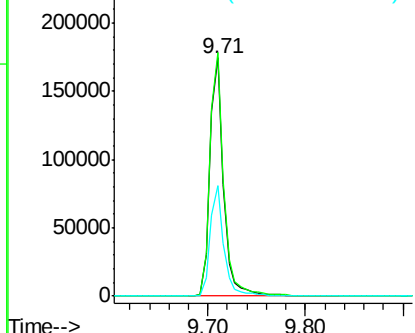


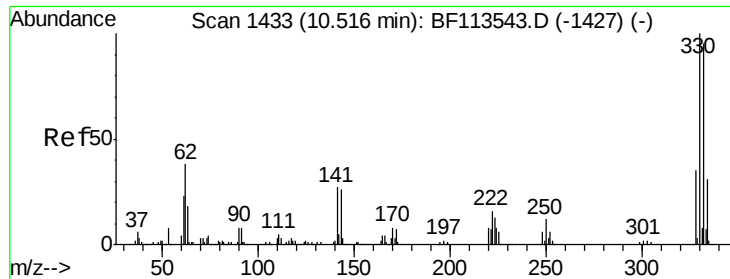
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

Tgt Ion: 164 Resp: 170420
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 46.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

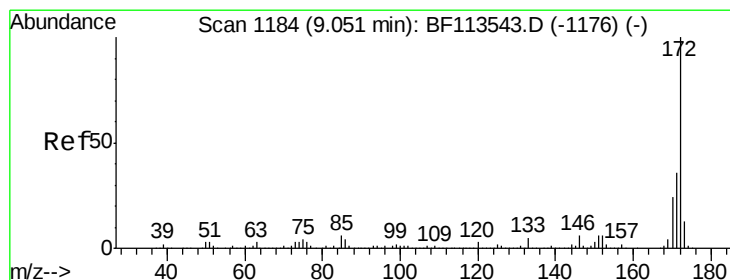
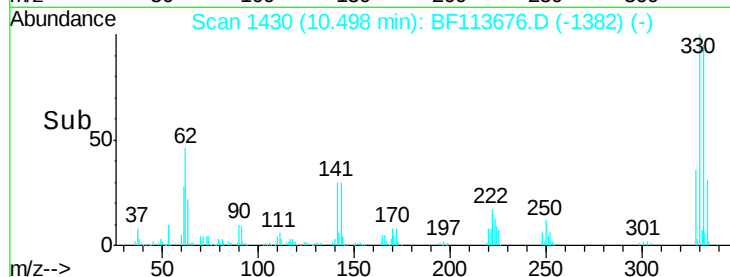
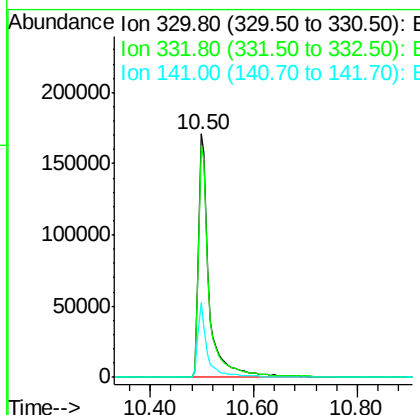
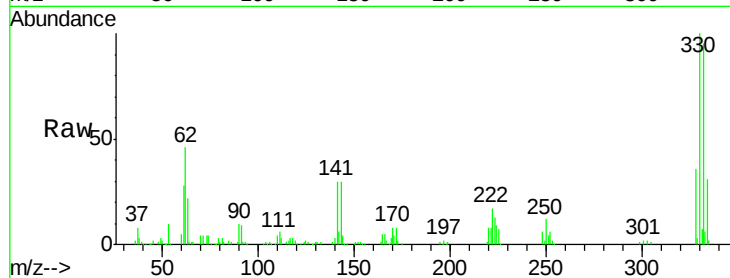




#42
 2,4,6-Tribromophenol
 Concen: 116.961 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

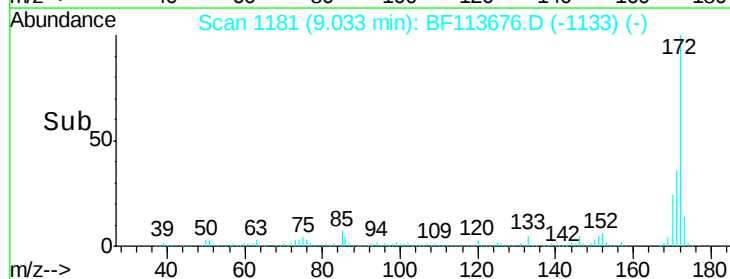
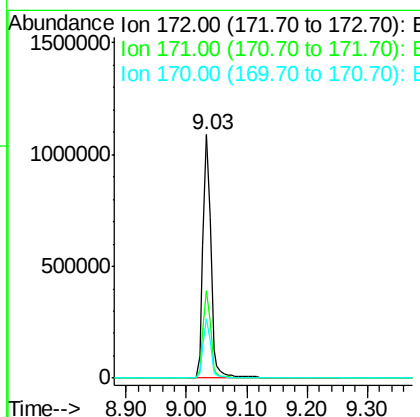
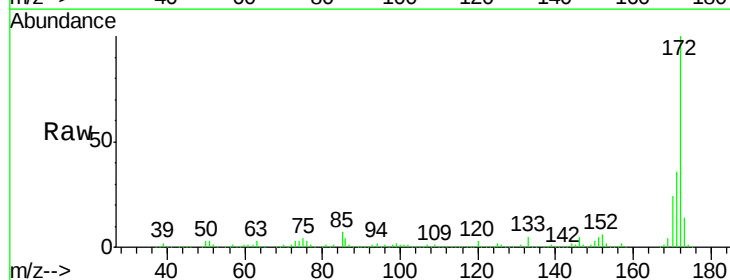
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

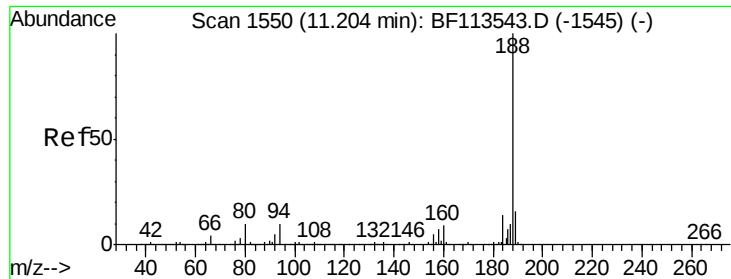
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.3	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 94.708 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113676.D
 Acq: 9 Apr 2019 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.1	19.5	29.3

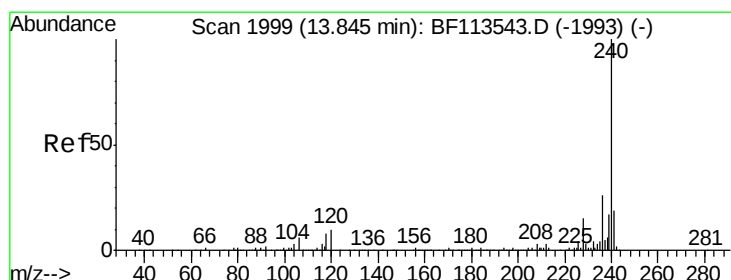
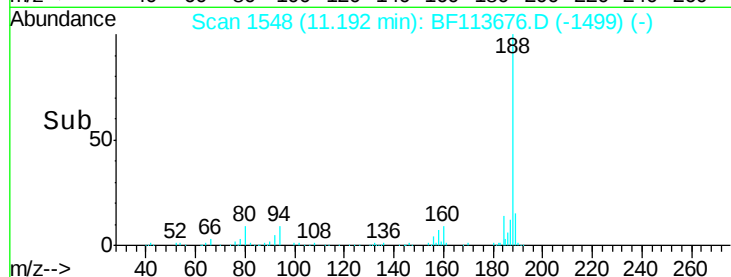
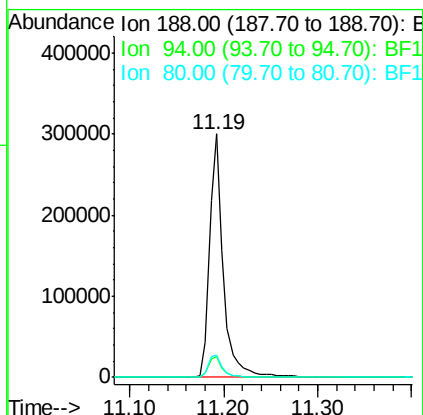
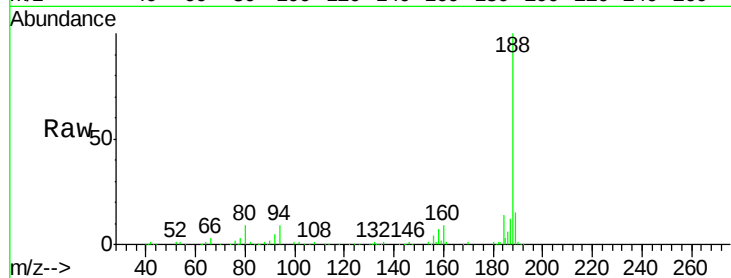




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

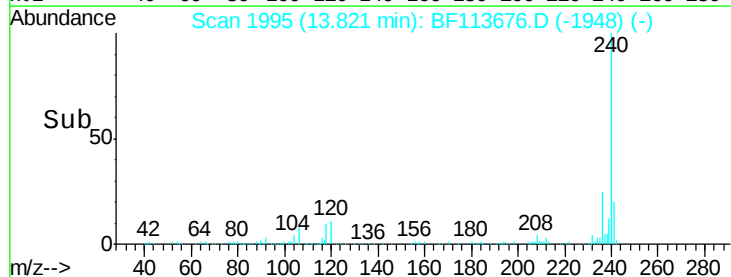
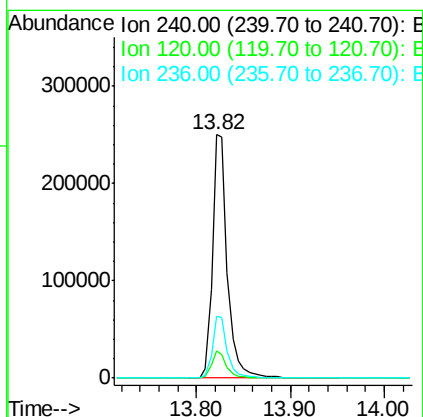
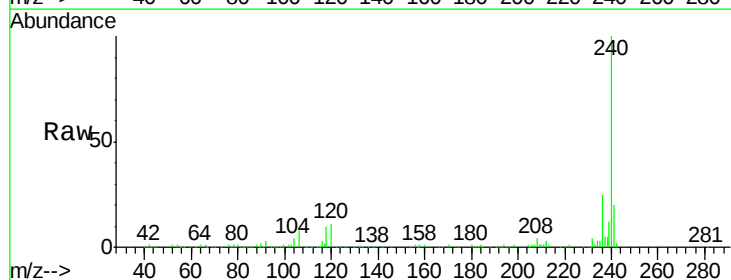
Instrument :
BNA_F
ClientSampleId :
TP-14-D

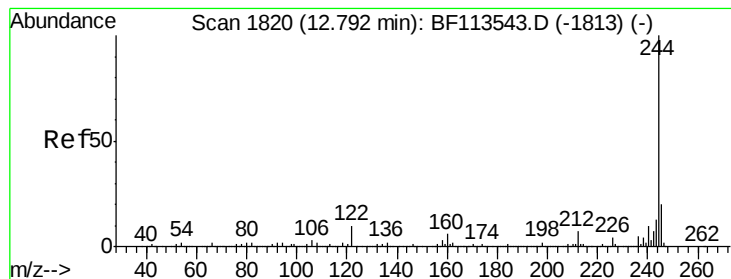
Tgt Ion:188 Resp: 308803
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113676.D
Acq: 9 Apr 2019 22:22

Tgt Ion:240 Resp: 282433
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 66.596 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

Instrument :

BNA_F

ClientSampled :

TP-14-D

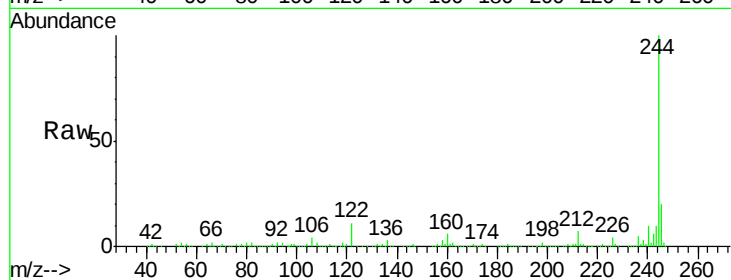
Tgt Ion:244 Resp: 923814

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

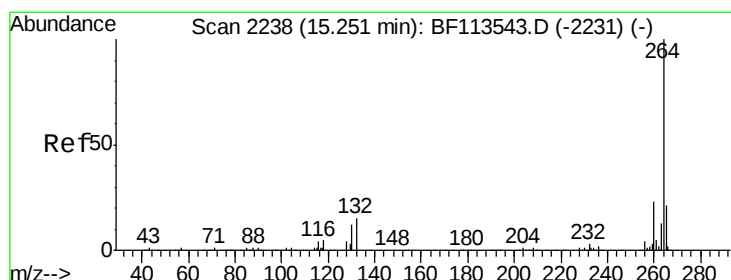
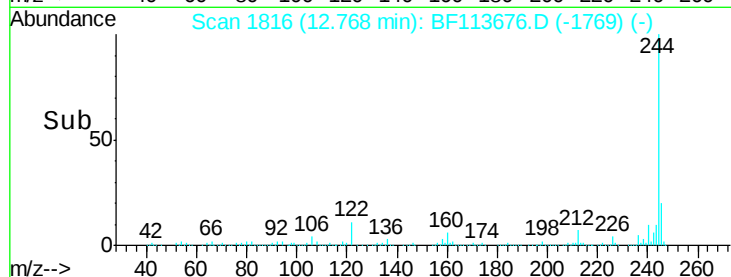
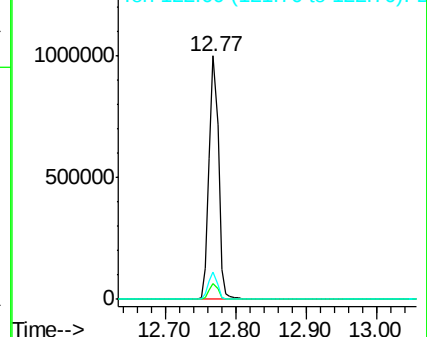
122 11.3 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113676.D

Acq: 9 Apr 2019 22:22

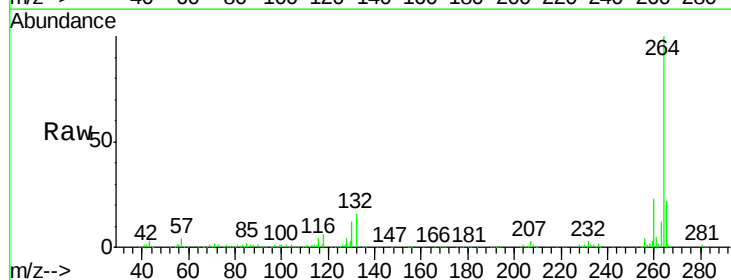
Tgt Ion:264 Resp: 274871

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.8 17.1 25.7



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

