

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113751.D
 Acq On : 12 Apr 2019 21:24
 Operator : JU/SJ
 Sample : K2204-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Quant Time: Apr 13 03:49:40 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	6.67	152	116010	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	431889	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	204306	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	400836	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	247020	20.00	ng	-0.02
87) Perylene-d12	15.23	264	297255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	800473	117.66	ng	0.00
7) Phenol-d6	6.33	99	940443	112.16	ng	-0.01
23) Nitrobenzene-d5	7.24	82	683889	92.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	342273	139.46	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1275261	100.49	ng	-0.02
79) Terphenyl-d14	12.76	244	1287639	106.13	ng	-0.03

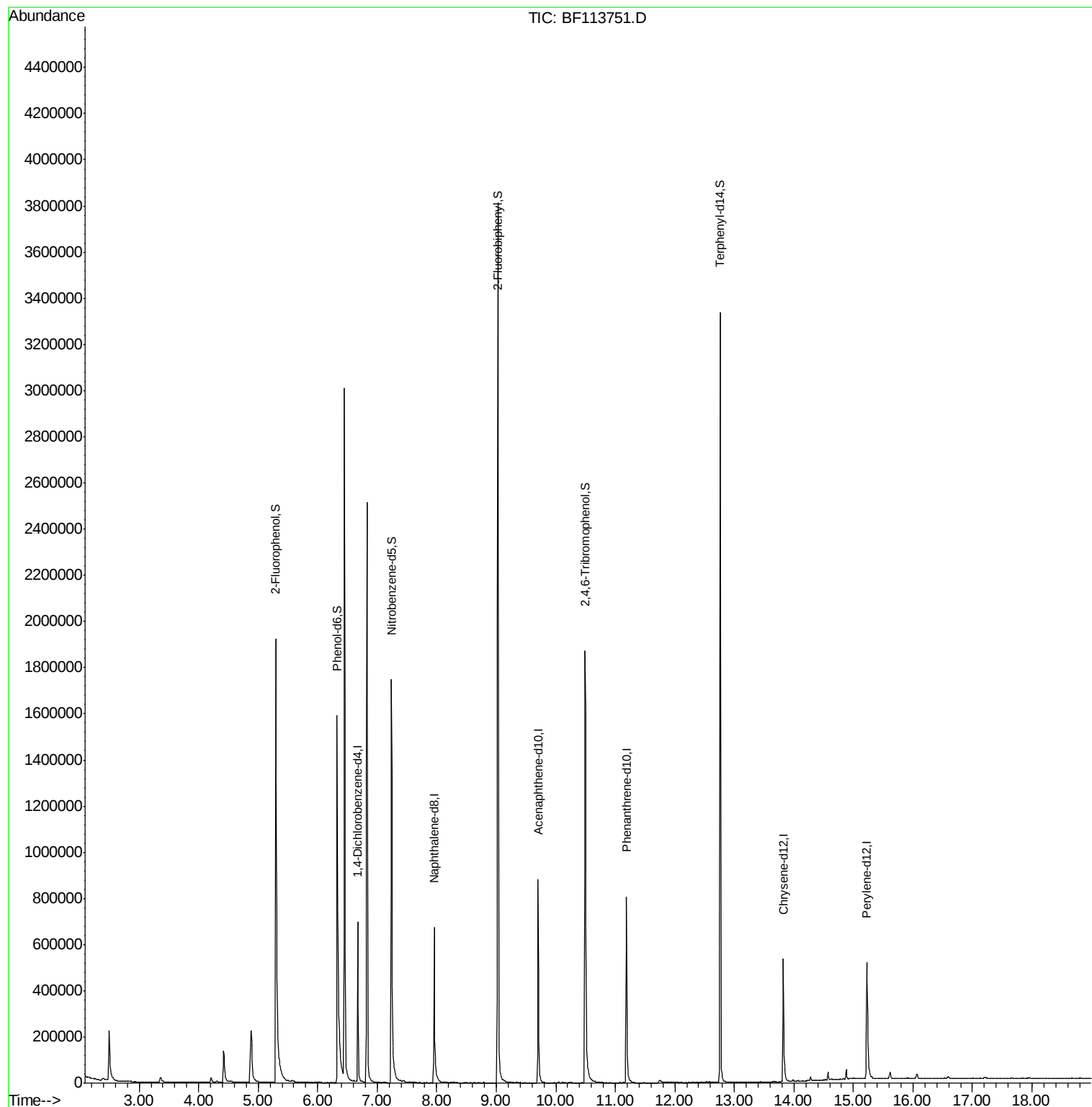
Target Compounds Qvalue

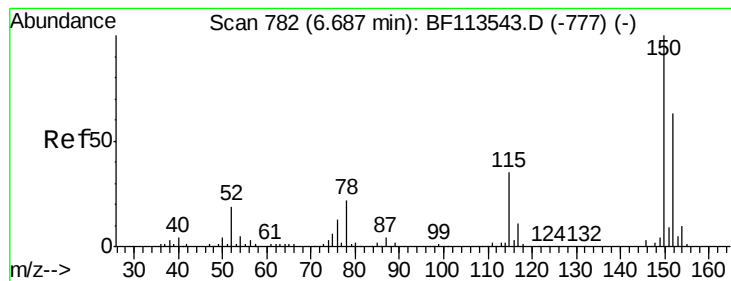
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113751.D
Acq On : 12 Apr 2019 21:24
Operator : JU/SJ
Sample : K2204-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Quant Time: Apr 13 03:49:40 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



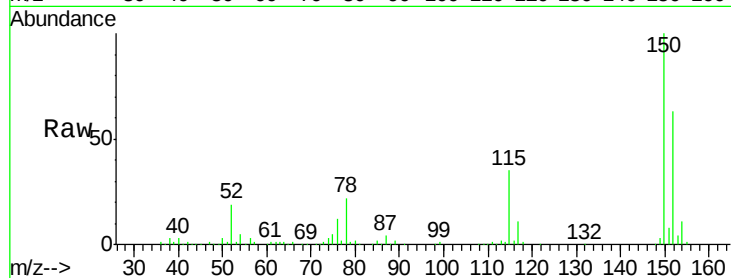


#1

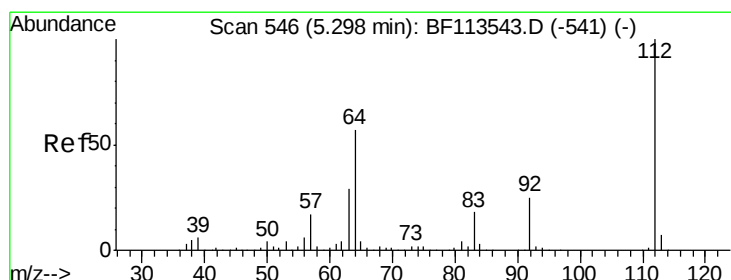
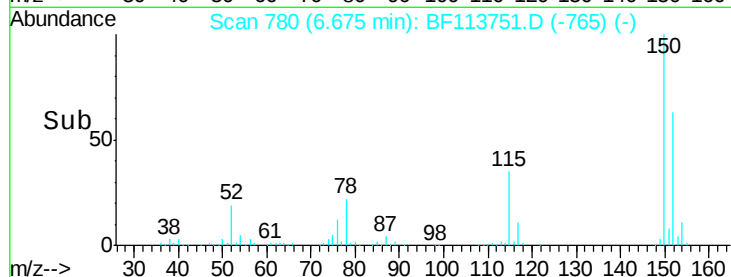
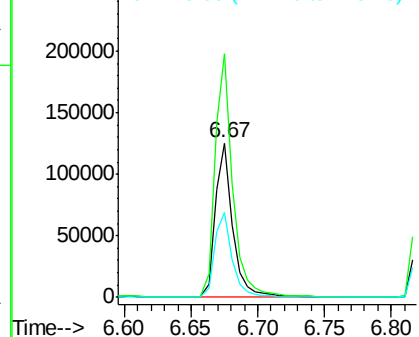
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion:152 Resp: 116010
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 55.1 46.0 69.0



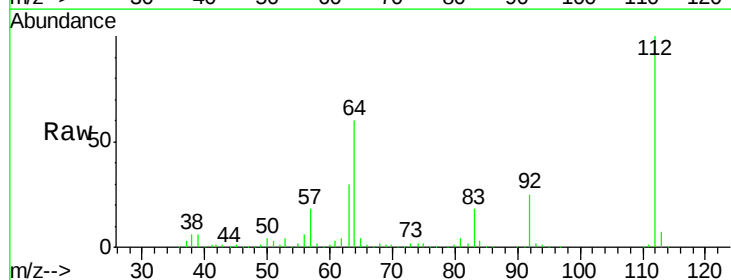
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



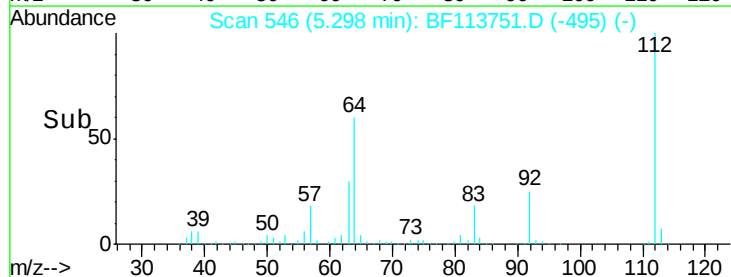
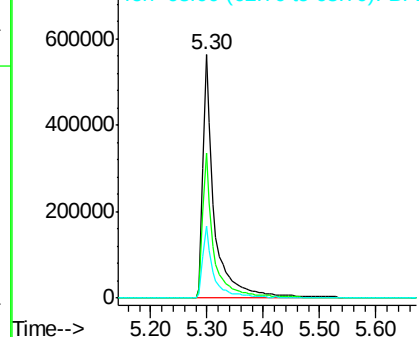
#5

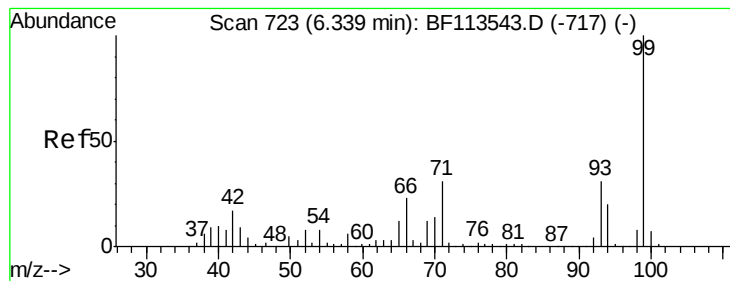
2-Fluorophenol
Concen: 117.661 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion:112 Resp: 800473
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 29.7 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: 112.158 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

TR-04-041119

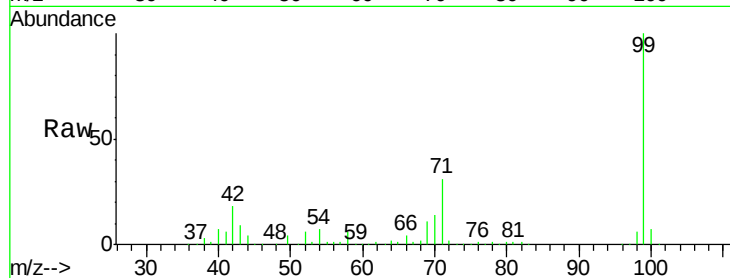
Tgt Ion: 99 Resp: 940443

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

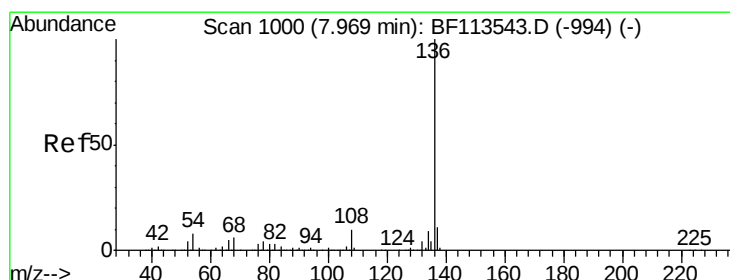
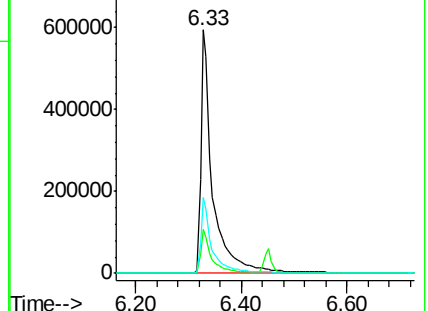
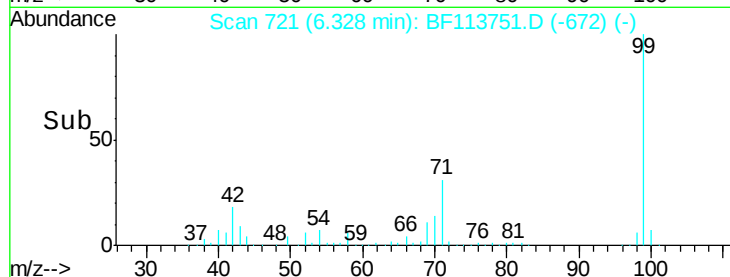
71 31.0 24.9 37.3



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# 998

Delta R.T. -0.01 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Tgt Ion: 136 Resp: 431889

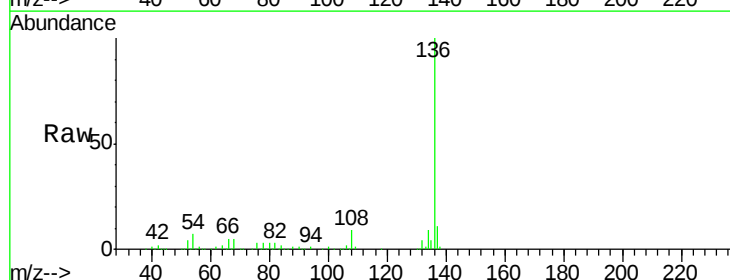
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 7.0 10.6

68 5.4 4.8 7.2

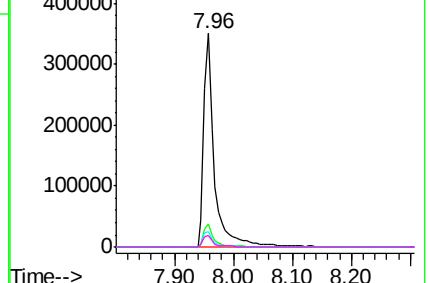
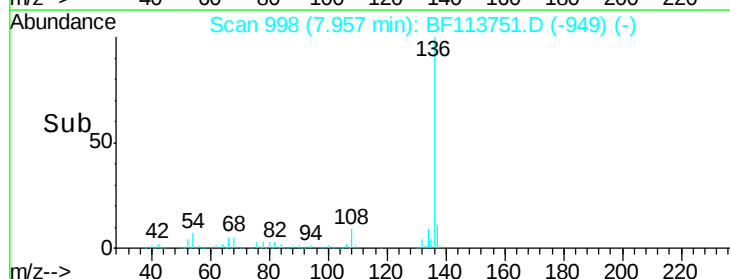


Abundance Ion 136.00 (135.70 to 136.70): E

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

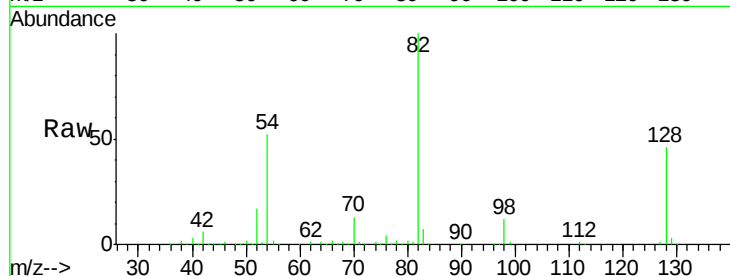




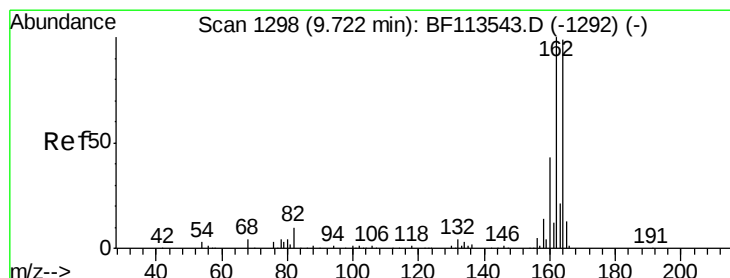
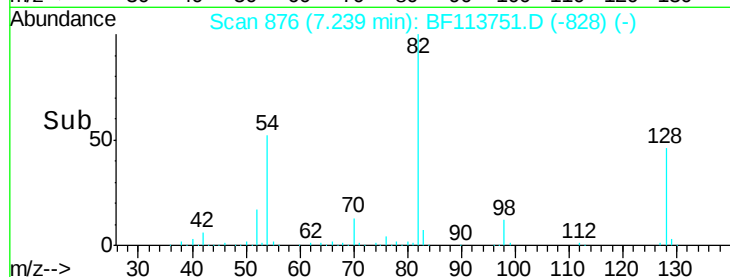
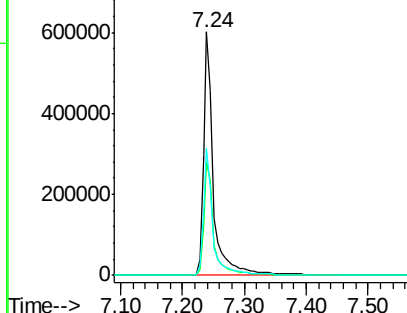
#23
 Nitrobenzene-d5
 Concen: 92.753 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Tgt Ion: 82 Resp: 683889
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.5 54.7
 54 52.2 42.2 63.2

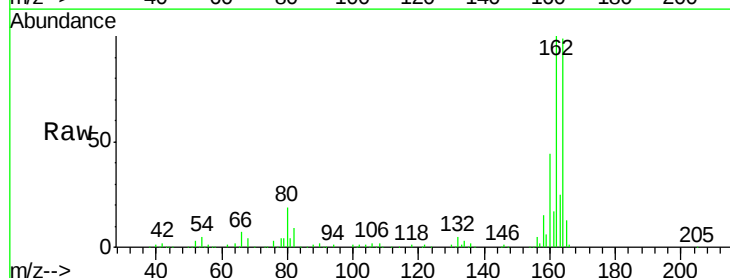


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

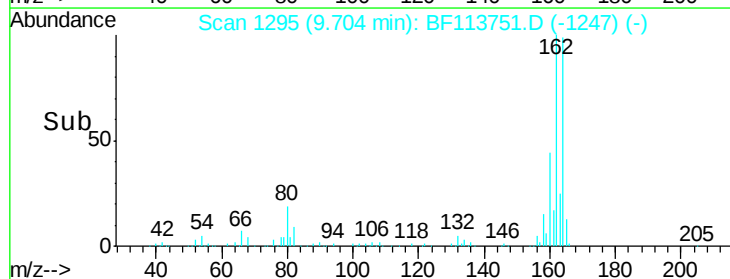
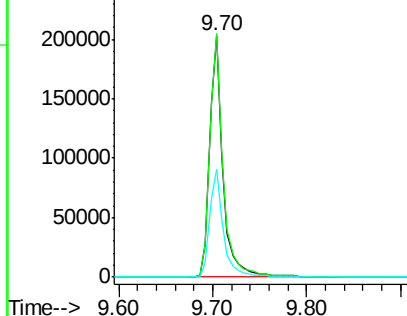


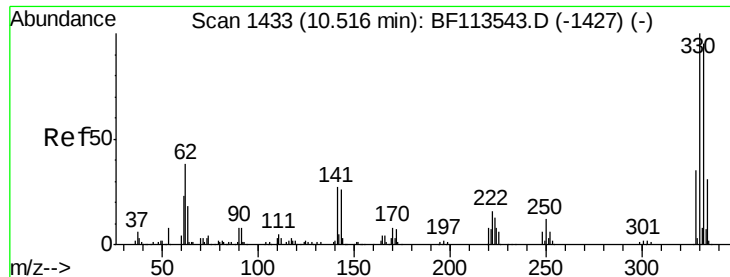
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Tgt Ion: 164 Resp: 204306
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 44.5 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

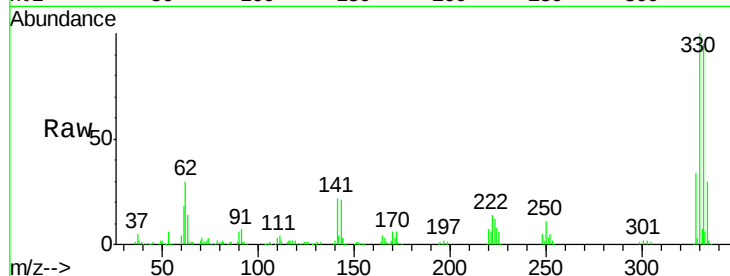




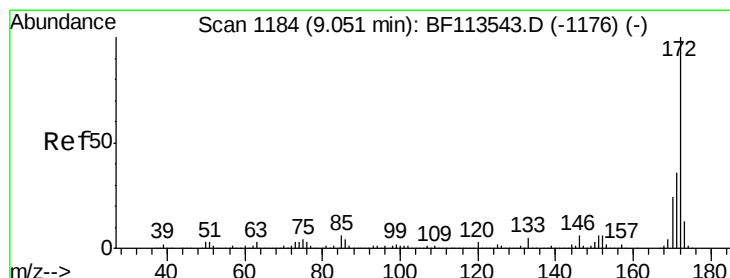
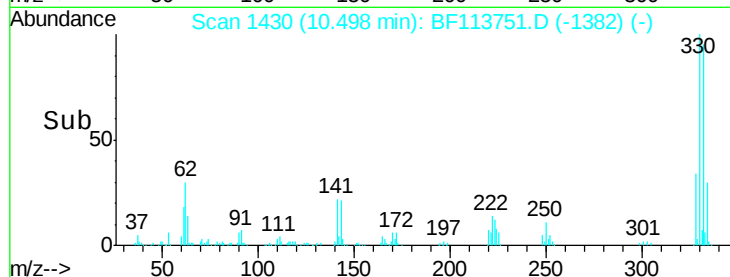
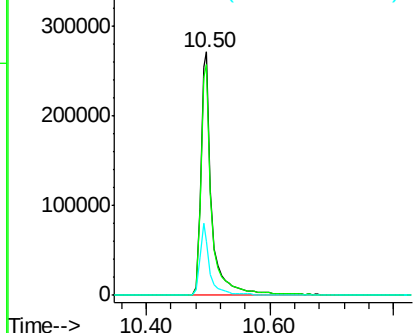
#42
 2,4,6-Tribromophenol
 Concen: 139.463 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Tgt Ion:330 Resp: 342273
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 27.0 22.7 34.1

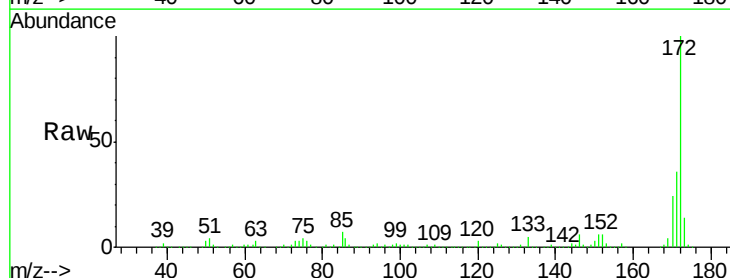


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

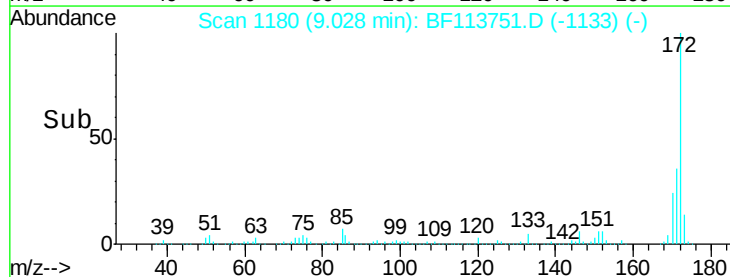
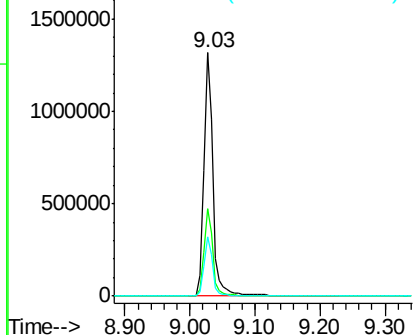


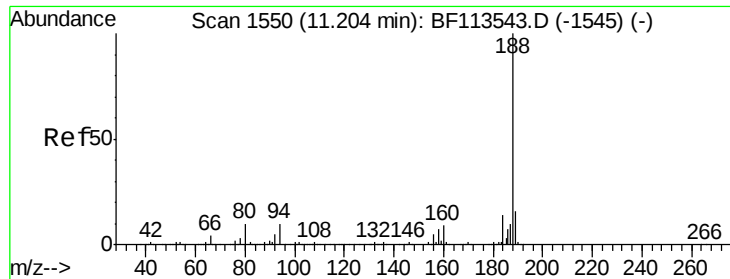
#45
 2-Fluorobiphenyl
 Concen: 100.488 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Tgt Ion:172 Resp: 1275261
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.5 29.3



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

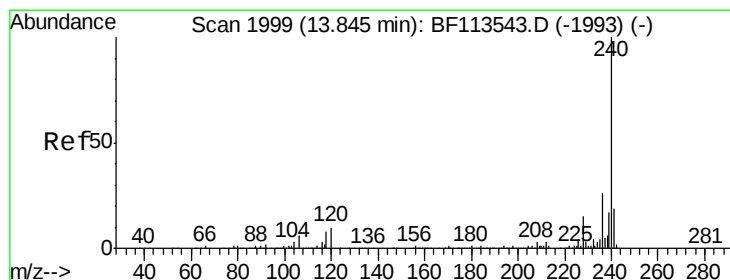
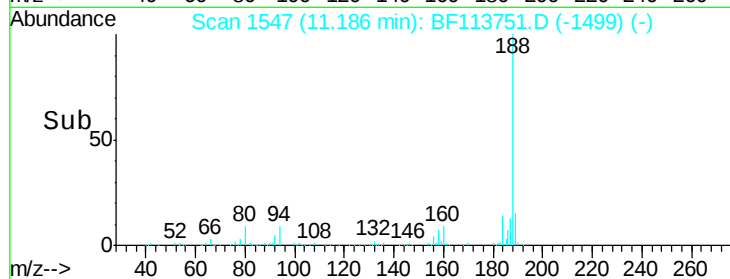
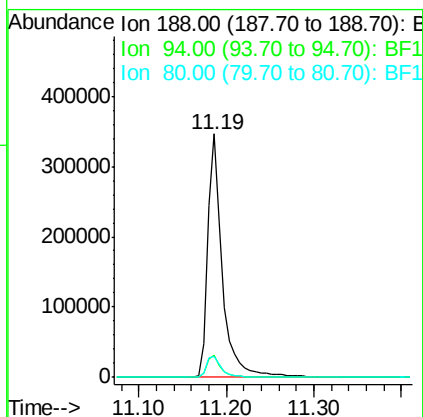
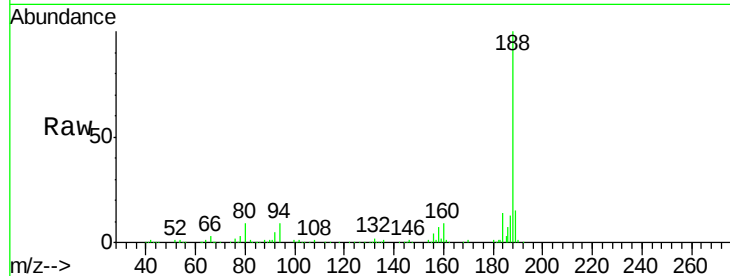




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

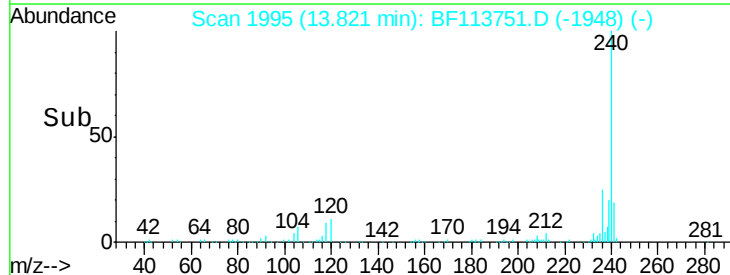
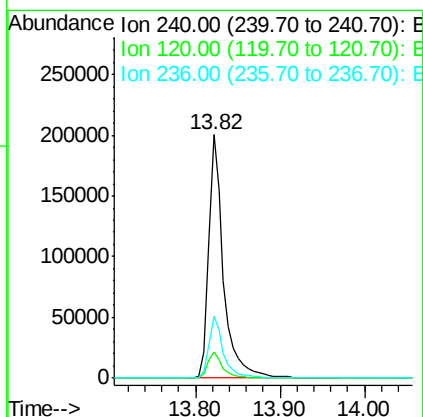
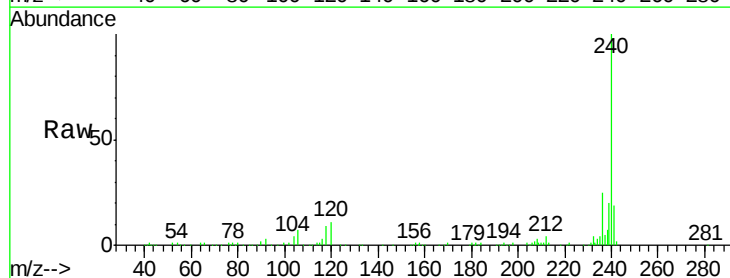
Instrument :
BNA_F
ClientSampleId :
TR-04-041119

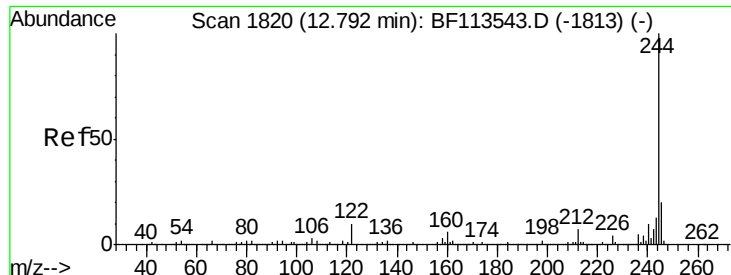
Tgt Ion:188 Resp: 400836
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion:240 Resp: 247020
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 106.131 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

TR-04-041119

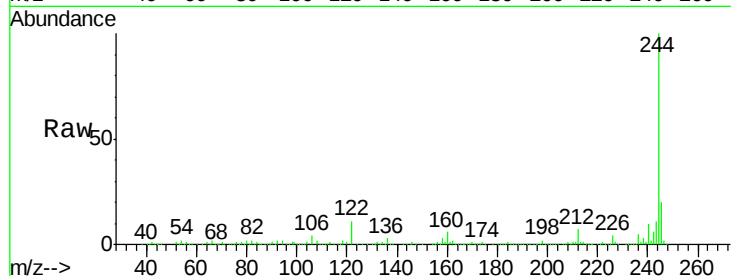
Tgt Ion:244 Resp: 1287639

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

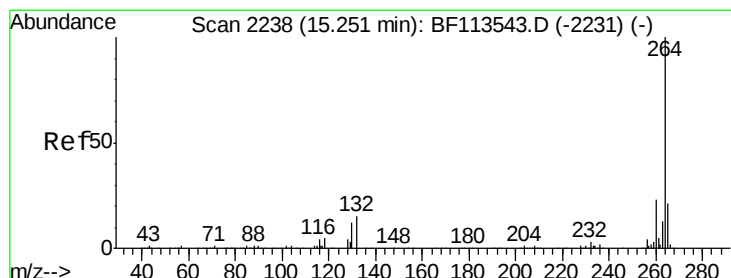
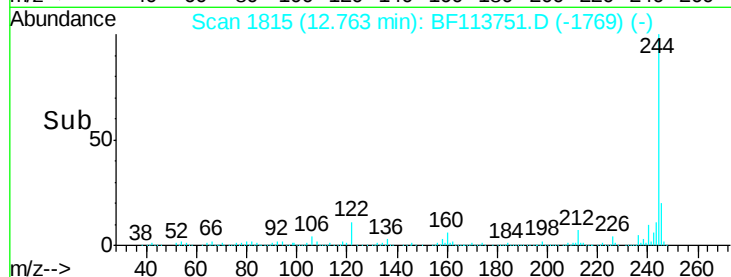
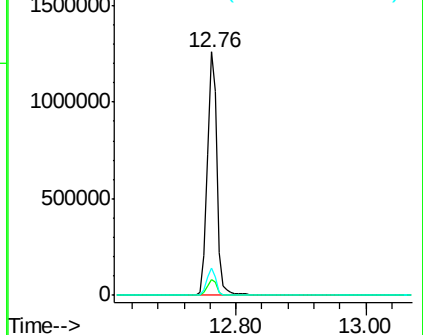
122 11.3 8.6 13.0



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# 2234

Delta R.T. -0.02 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

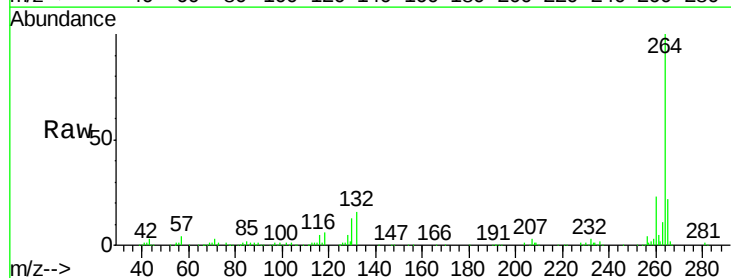
Tgt Ion:264 Resp: 297255

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.9 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

