

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113747.D
 Acq On : 12 Apr 2019 19:27
 Operator : JU/SJ
 Sample : K2358-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Apr 13 02:24:58 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	108227	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	408944	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	195277	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	408528	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	284572	20.00	ng	-0.02
87) Perylene-d12	15.23	264	320943	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	725428	114.30	ng	0.00
7) Phenol-d6	6.33	99	855957	109.42	ng	-0.01
23) Nitrobenzene-d5	7.24	82	625478	89.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	321300	136.97	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1188537	97.98	ng	-0.02
79) Terphenyl-d14	12.77	244	1306448	93.47	ng	-0.02

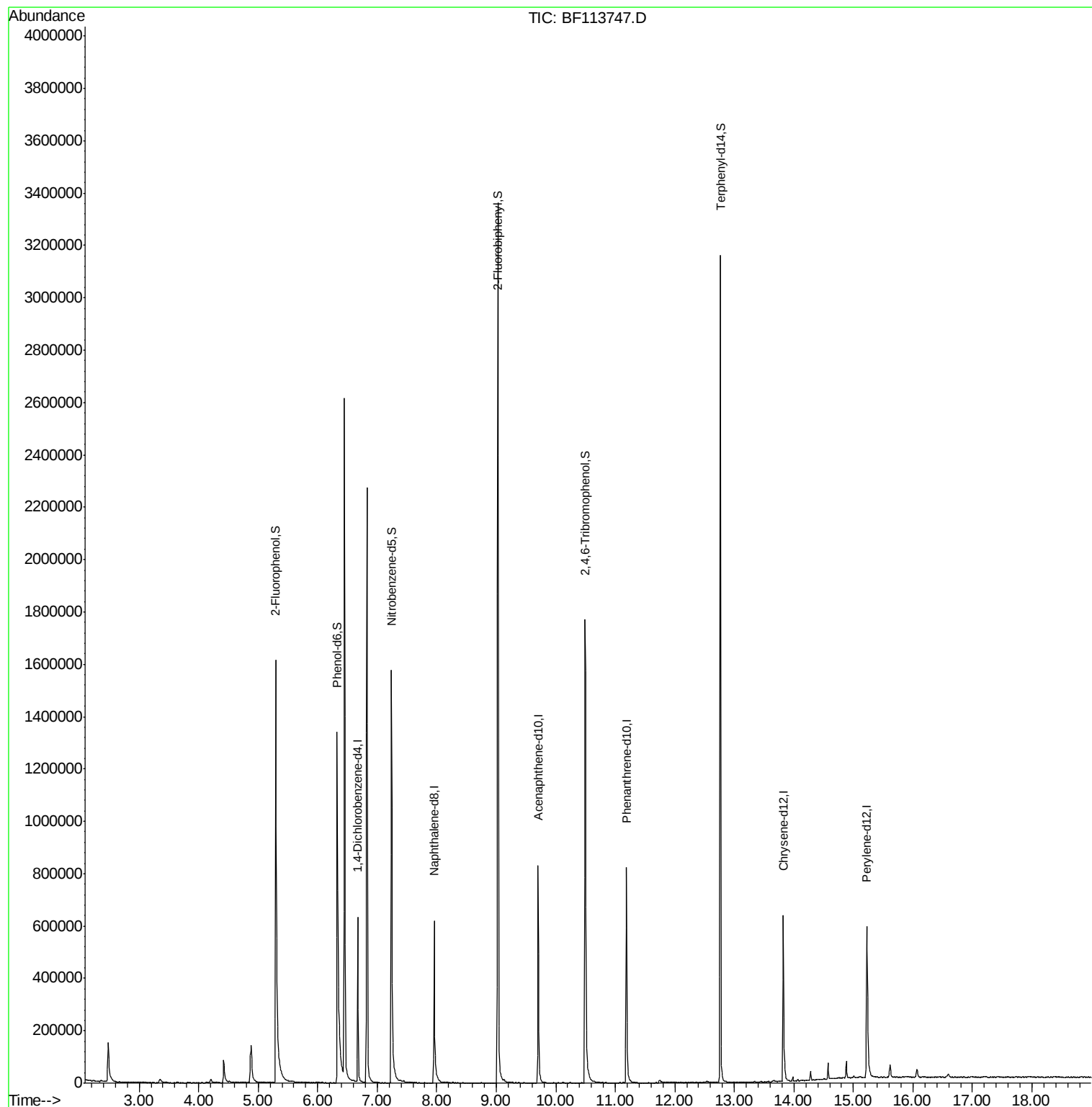
Target Compounds	Qvalue
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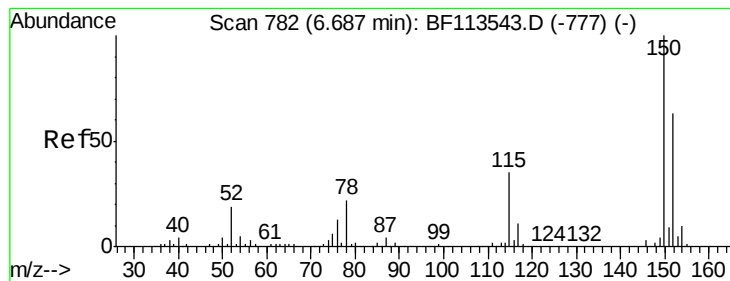
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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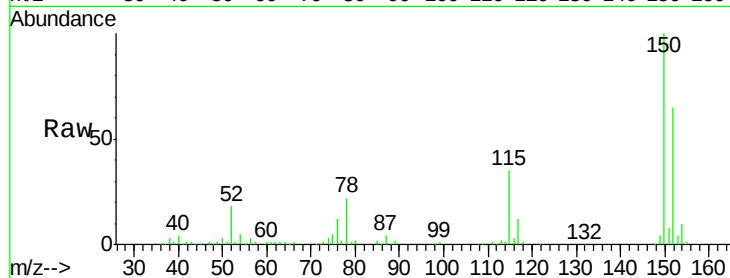


#1

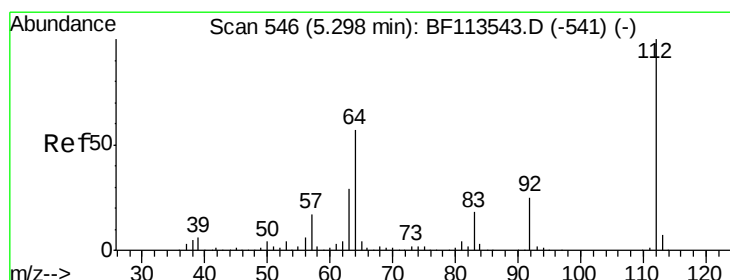
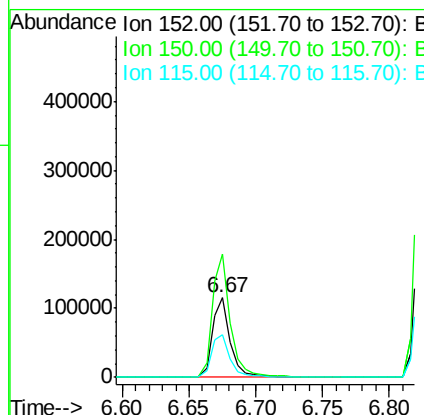
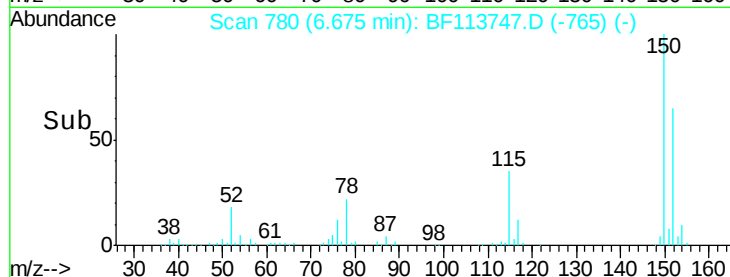
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113747.D
Acq: 12 Apr 2019 19:27

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 108227
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 54.0 46.0 69.0



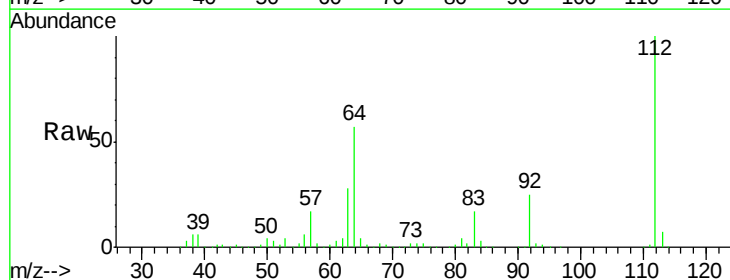
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



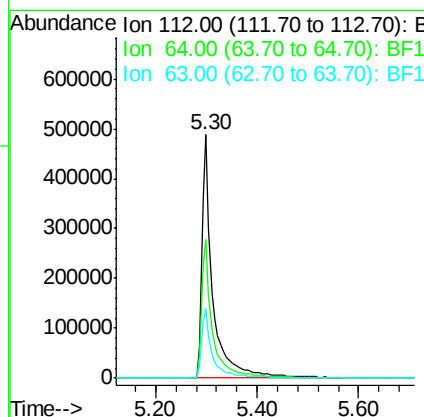
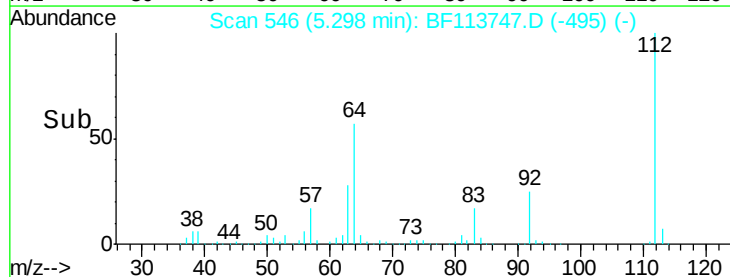
#5

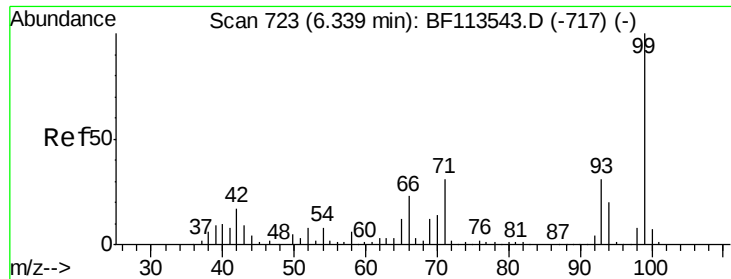
2-Fluorophenol
Concen: 114.299 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113747.D
Acq: 12 Apr 2019 19:27

Tgt Ion:112 Resp: 725428
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 28.4 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: 109.423 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113747.D

Acq: 12 Apr 2019 19:27

Instrument :

BNA_F

ClientSampleId :

TP-5

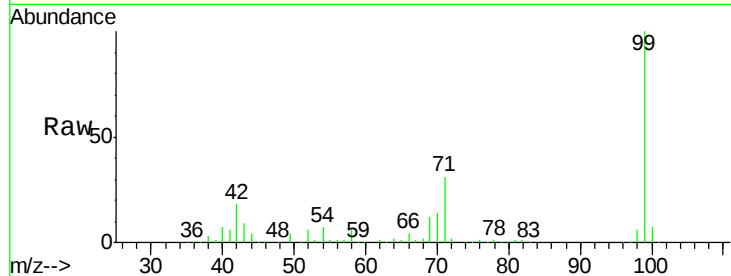
Tgt Ion: 99 Resp: 855957

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

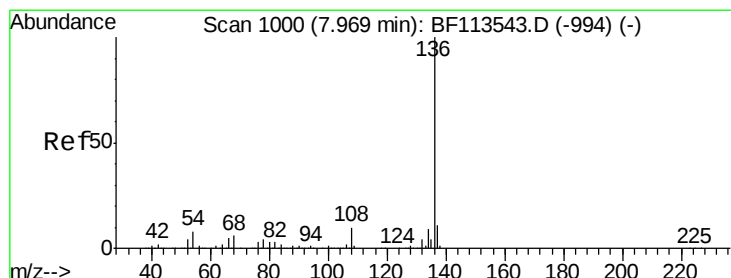
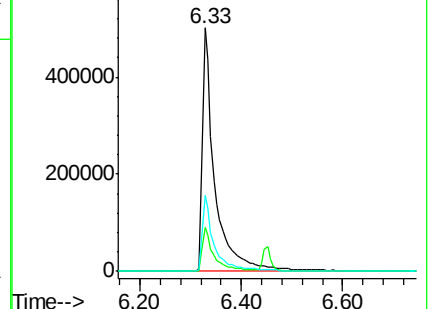
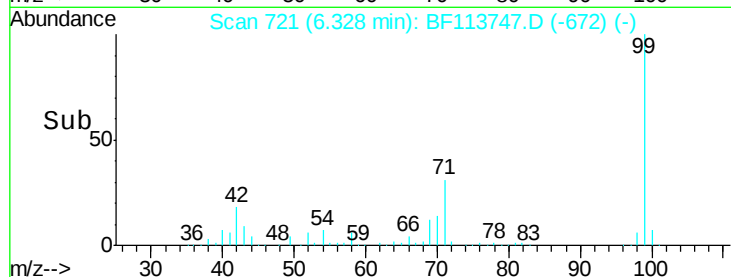
71 31.1 24.9 37.3



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: BF113747.D

Acq: 12 Apr 2019 19:27

Tgt Ion: 136 Resp: 408944

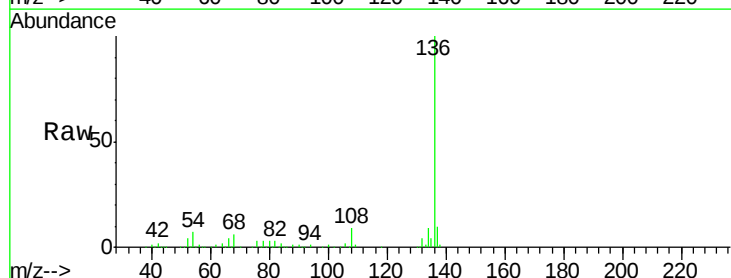
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 7.3 7.0 10.6

68 5.6 4.8 7.2

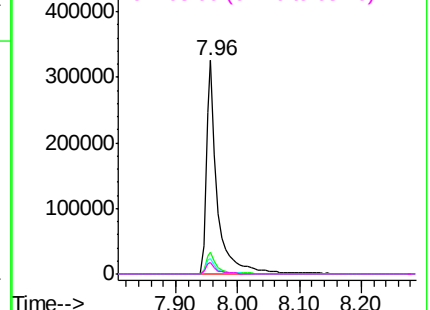
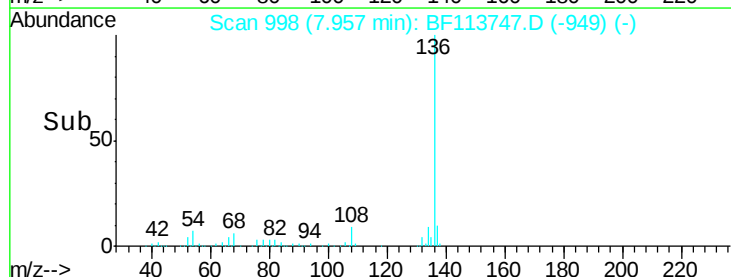


Abundance Ion 136.00 (135.70 to 136.70): E

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

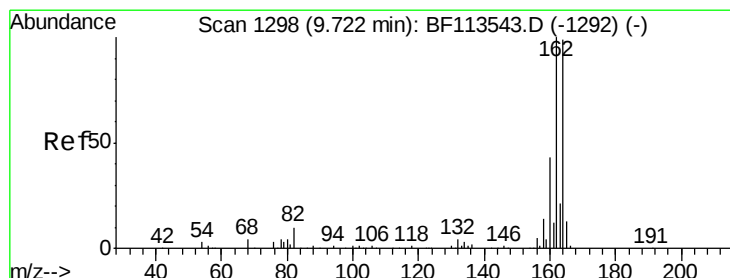
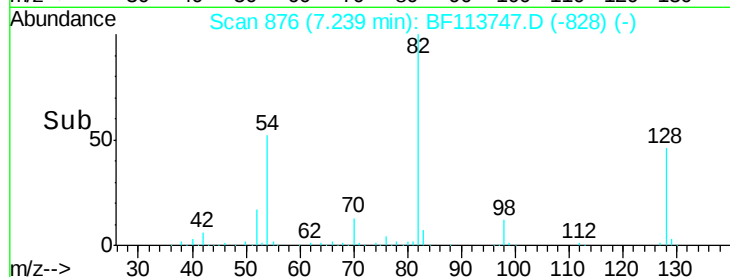
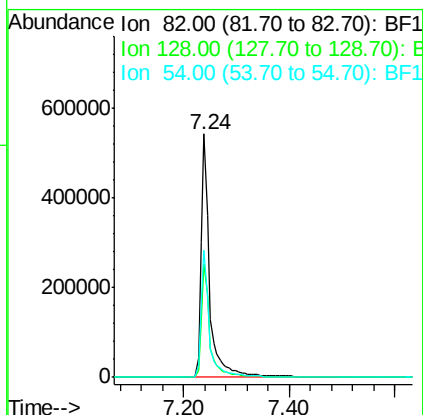
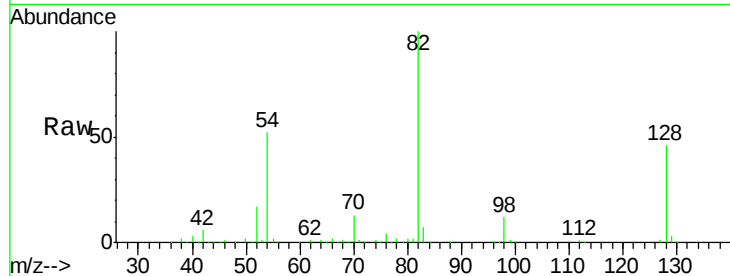




#23
 Nitrobenzene-d5
 Concen: 89.591 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113747.D
 Acq: 12 Apr 2019 19:27

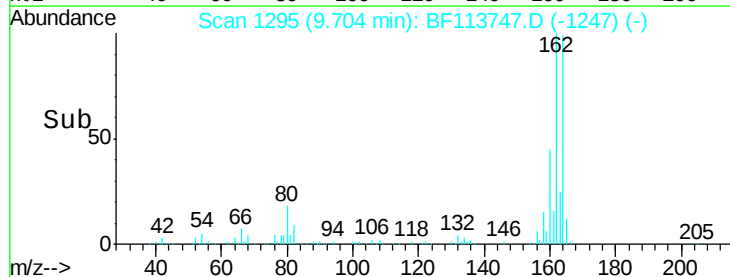
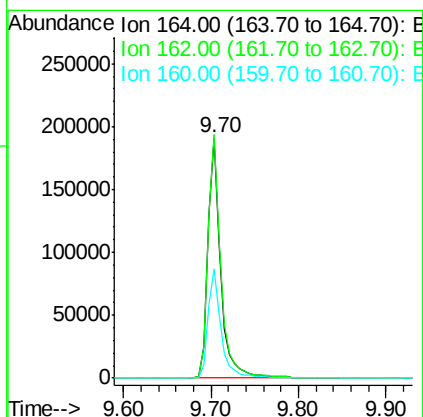
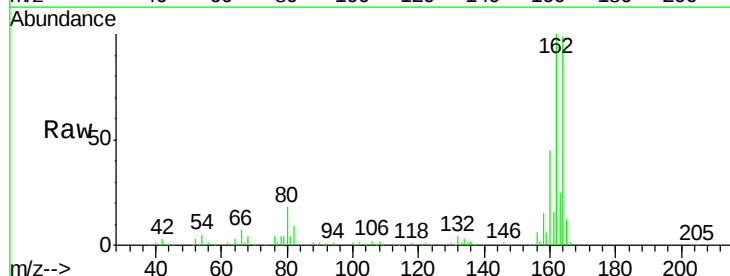
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion: 82 Resp: 625478
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.5 54.7
 54 52.2 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113747.D
 Acq: 12 Apr 2019 19:27

Tgt Ion: 164 Resp: 195277
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 45.7 36.4 54.6

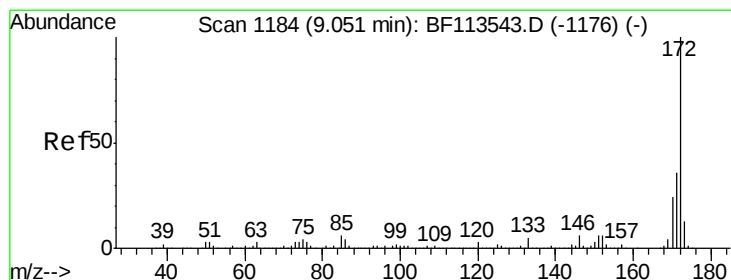
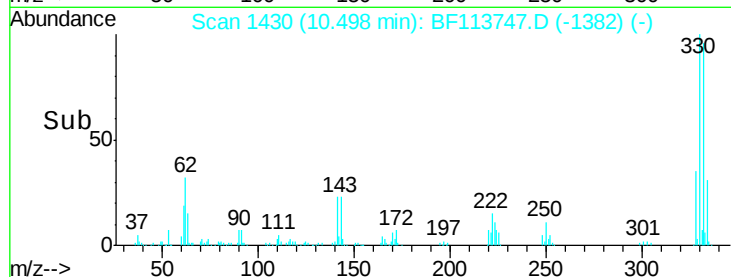
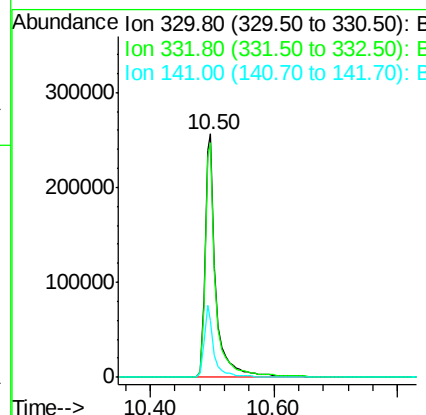
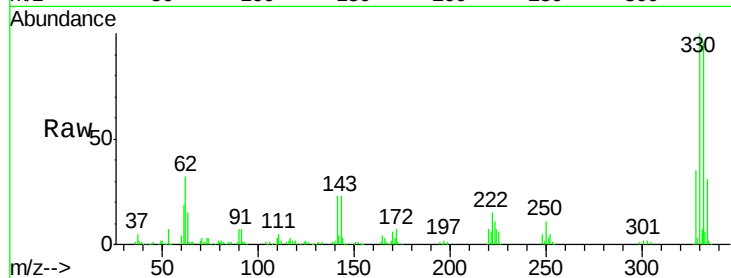




#42
 2,4,6-Tribromophenol
 Concen: 136.971 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113747.D
 Acq: 12 Apr 2019 19:27

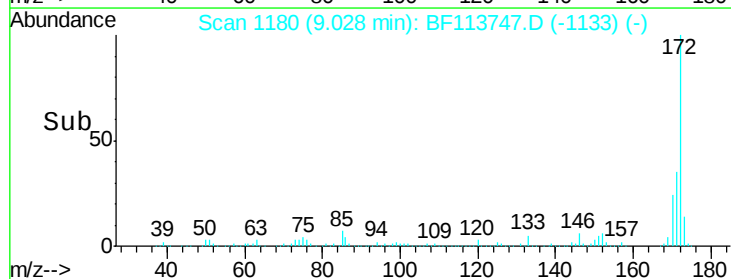
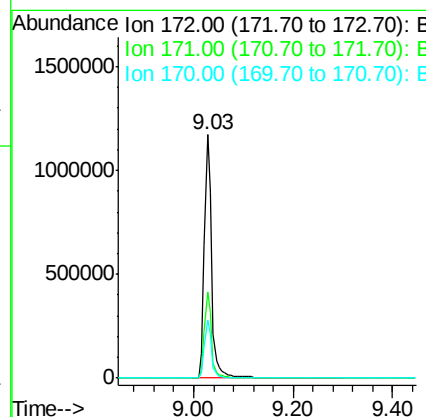
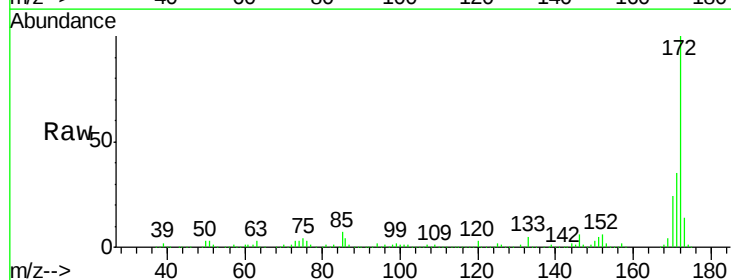
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

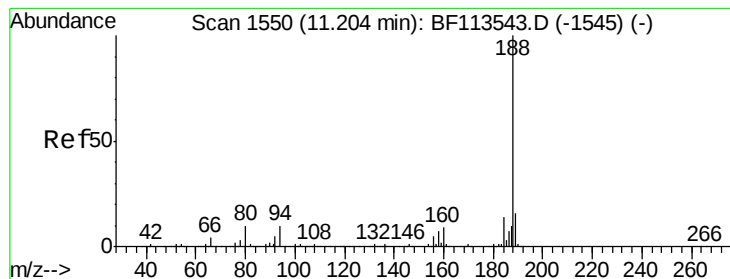
Tgt Ion:330 Resp: 321300
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.6
 141 27.2 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 97.985 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113747.D
 Acq: 12 Apr 2019 19:27

Tgt Ion:172 Resp: 1188537
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.9 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113747.D

Acq: 12 Apr 2019 19:27

Instrument :

BNA_F

ClientSampleId :

TP-5

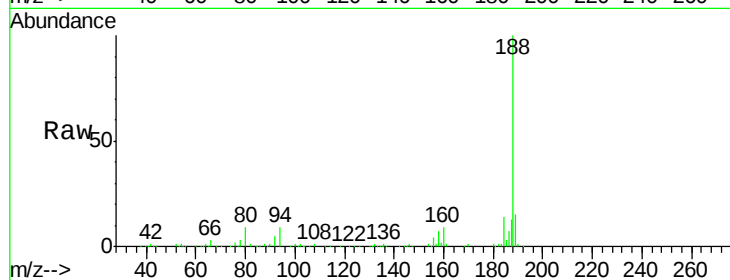
Tgt Ion:188 Resp: 408528

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

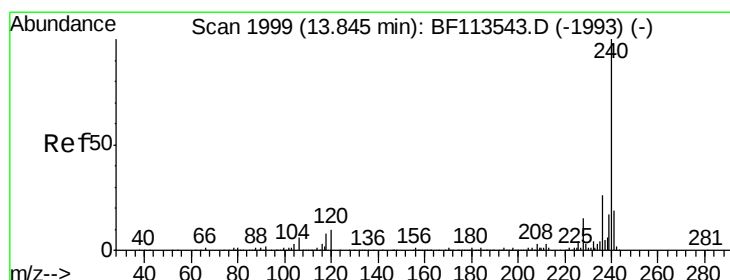
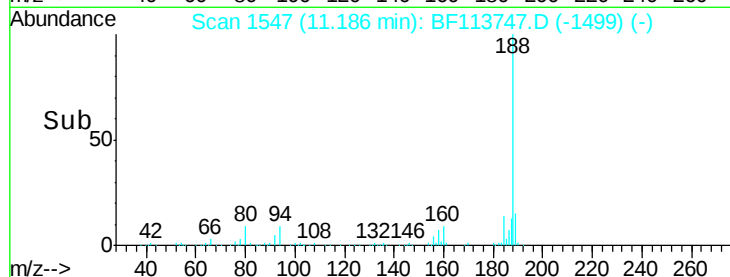
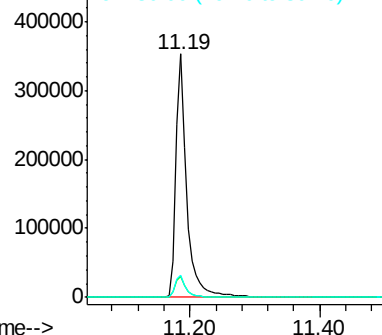
80 9.1 7.7 11.5



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113747.D

Acq: 12 Apr 2019 19:27

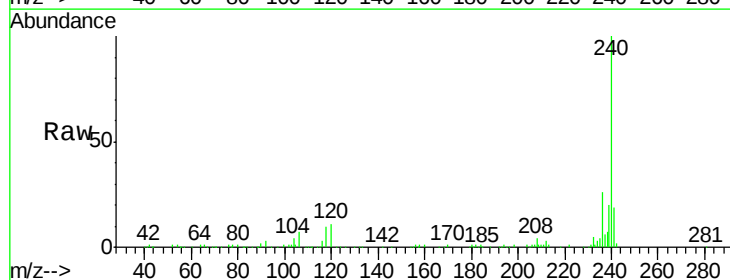
Tgt Ion:240 Resp: 284572

Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

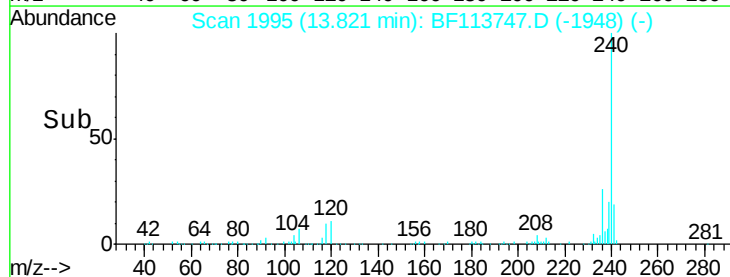
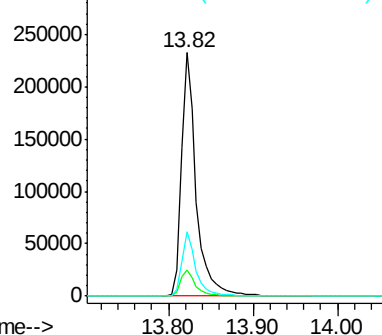
236 26.4 20.9 31.3

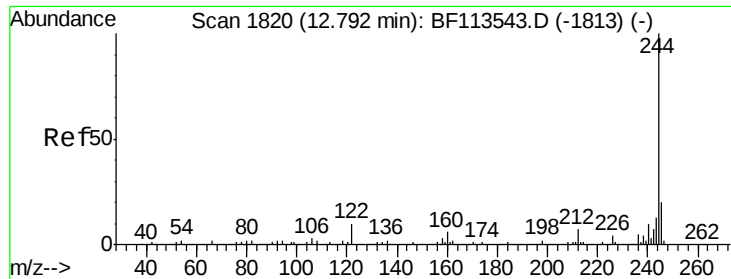


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.472 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113747.D

Acq: 12 Apr 2019 19:27

Instrument :

BNA_F

ClientSampleId :

TP-5

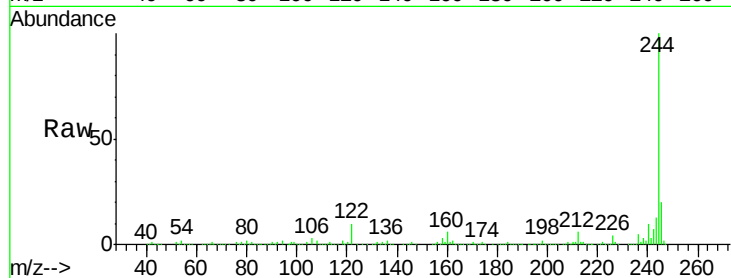
Tgt Ion:244 Resp: 1306448

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

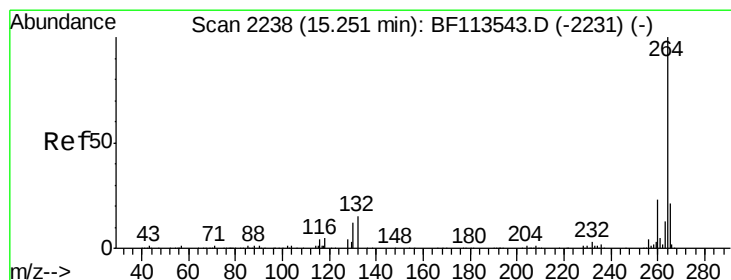
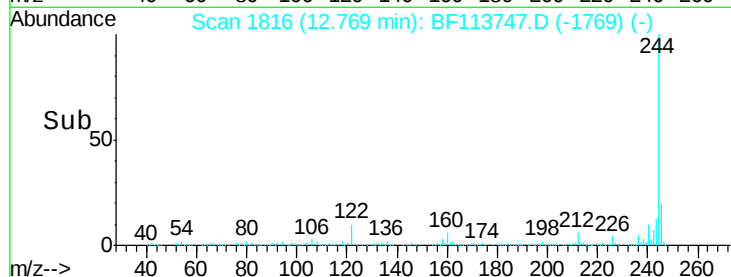
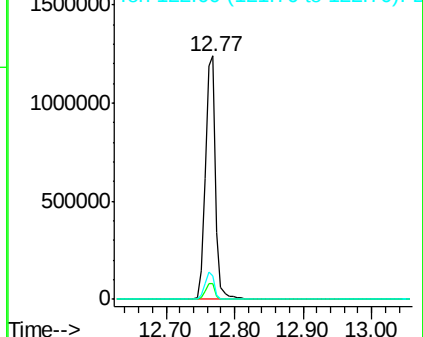
122 9.6 8.6 13.0



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: BF113747.D

Acq: 12 Apr 2019 19:27

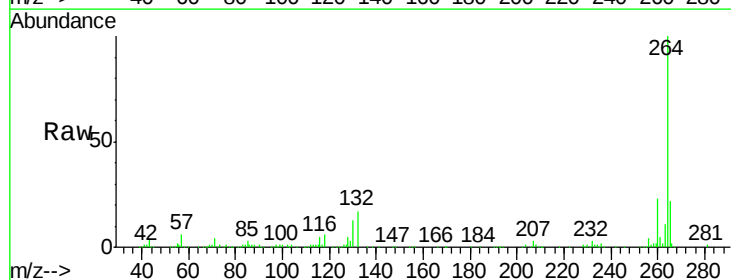
Tgt Ion:264 Resp: 320943

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.5 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

