

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113748.D
 Acq On : 12 Apr 2019 19:56
 Operator : JU/SJ
 Sample : K2358-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 13 02:26:50 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	102885	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	383066	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	183651	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	379369	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	259589	20.00	ng	-0.02
87) Perylene-d12	15.23	264	308752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	671206	111.25	ng	0.00
7) Phenol-d6	6.33	99	781049	105.03	ng	-0.01
23) Nitrobenzene-d5	7.24	82	609165	93.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	298105	135.13	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1163912	102.03	ng	-0.02
79) Terphenyl-d14	12.76	244	1254245	98.37	ng	-0.03

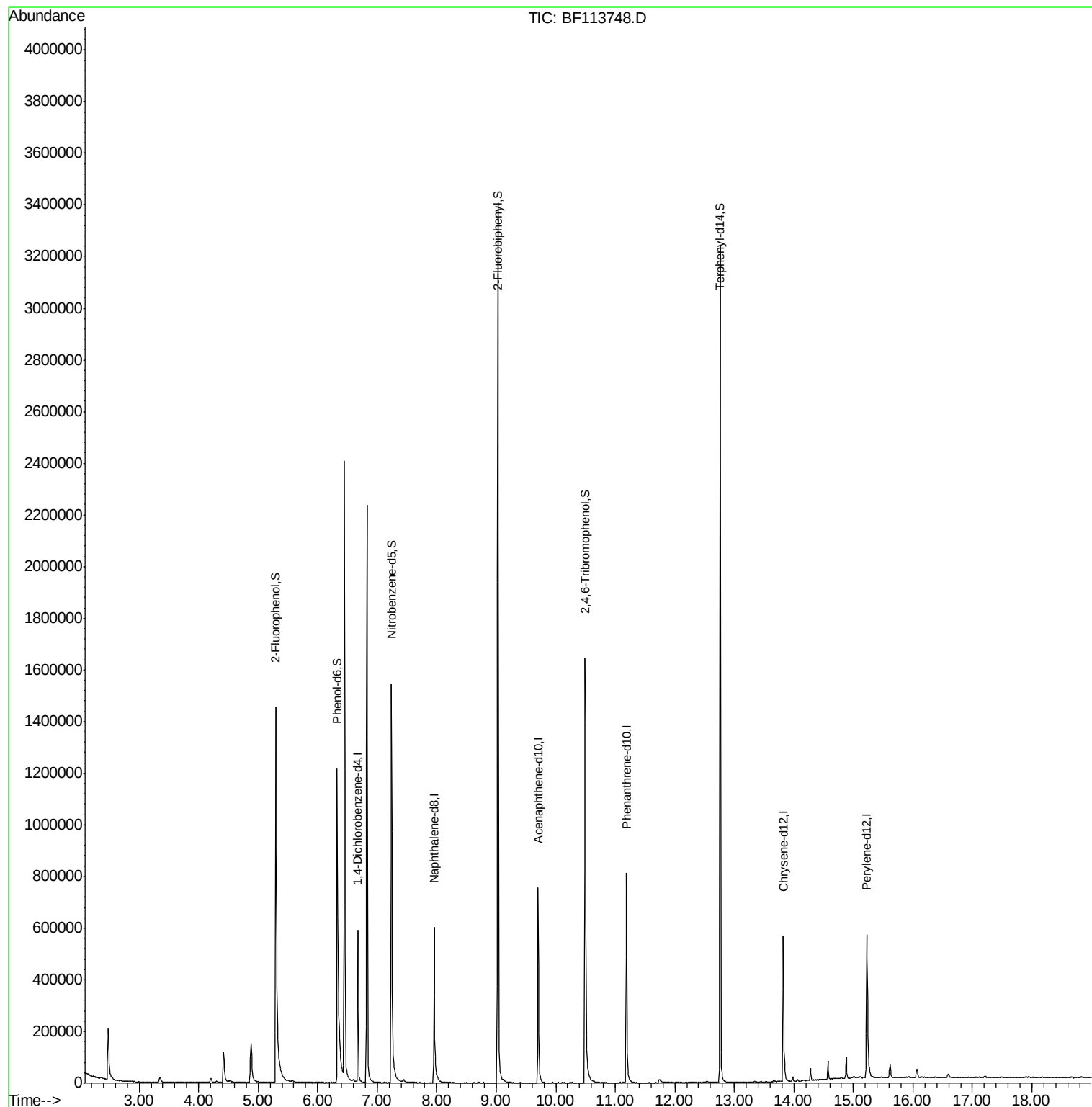
Target Compounds	Qvalue
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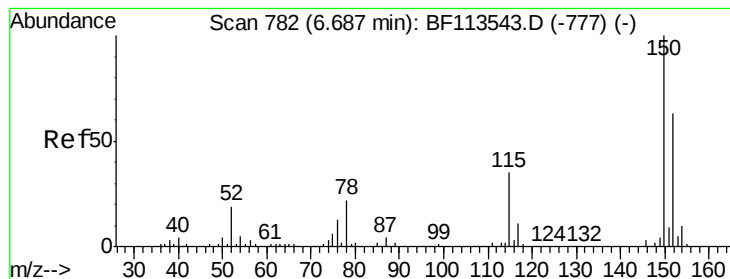
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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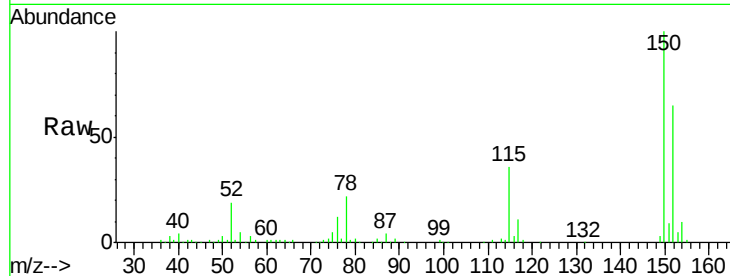


#1

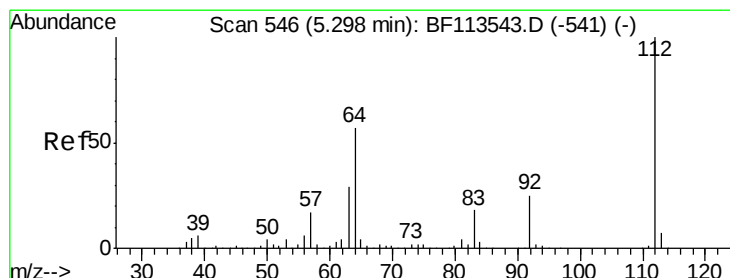
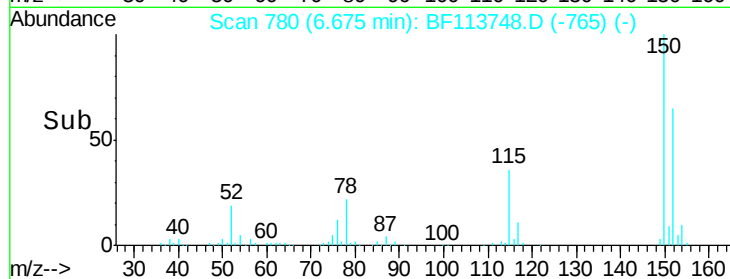
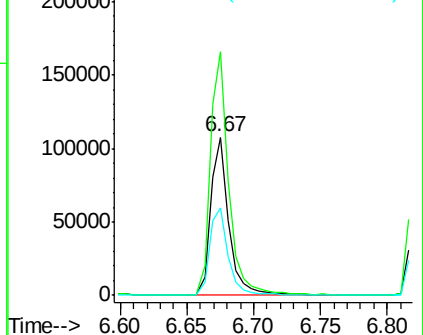
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Instrument :
BNA_F
ClientSampled :
TP-9

Tgt Ion:152 Resp: 102885
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 55.4 46.0 69.0



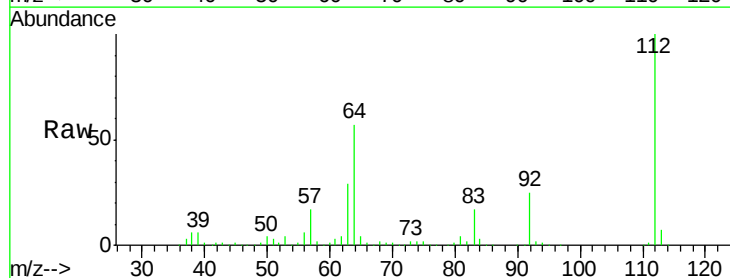
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



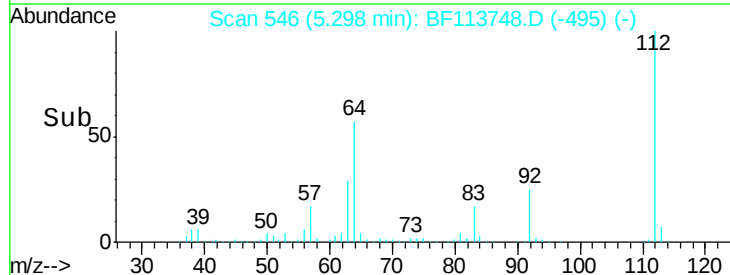
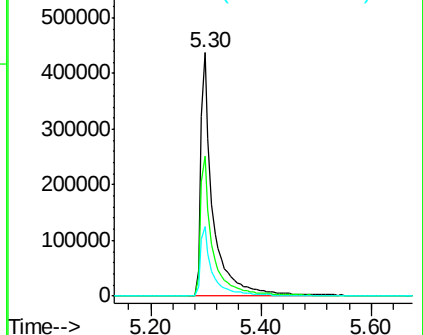
#5

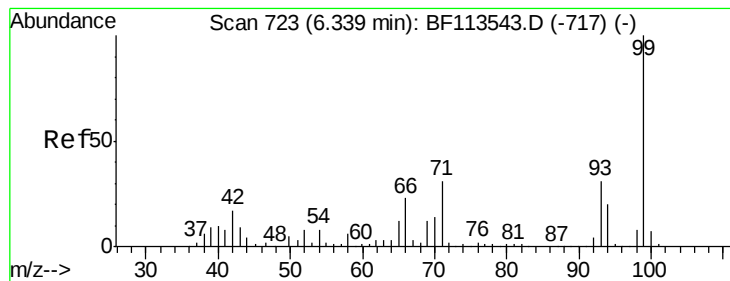
2-Fluorophenol
Concen: 111.247 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Tgt Ion:112 Resp: 671206
Ion Ratio Lower Upper
112 100
64 57.3 49.2 73.8
63 28.5 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: 105.032 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TP-9

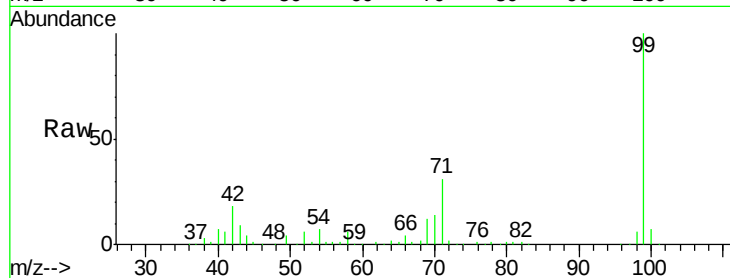
Tgt Ion: 99 Resp: 781049

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

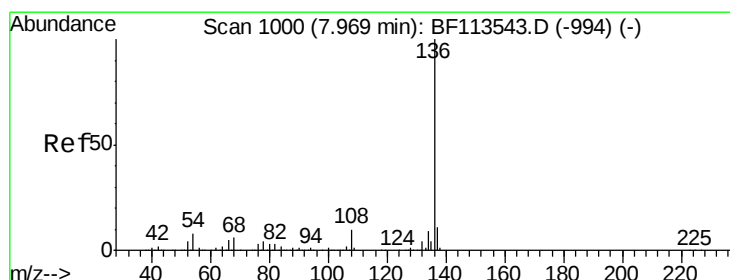
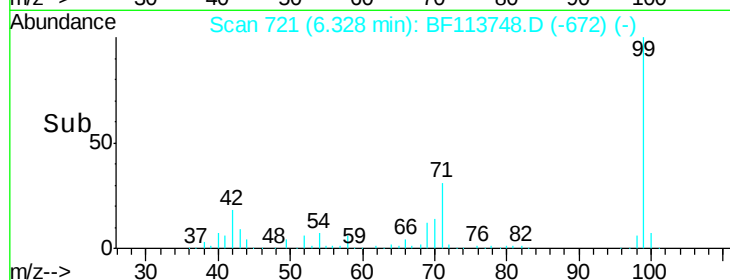
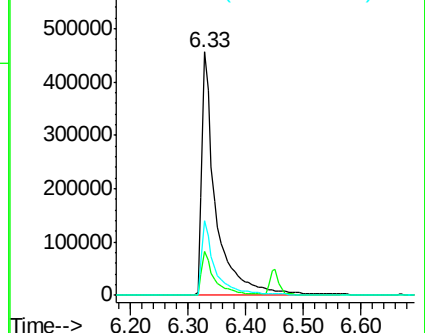
71 30.9 24.9 37.3



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: BF113748.D

Acq: 12 Apr 2019 19:56

Tgt Ion: 136 Resp: 383066

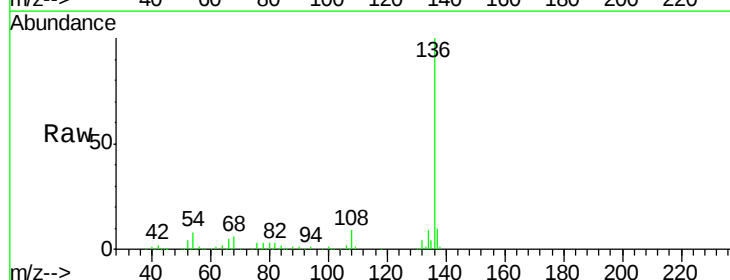
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.6 7.0 10.6

68 5.6 4.8 7.2

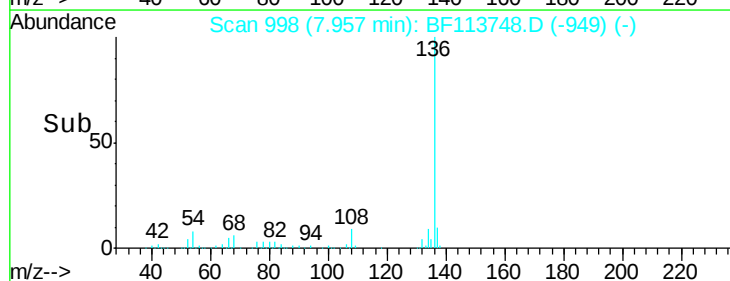
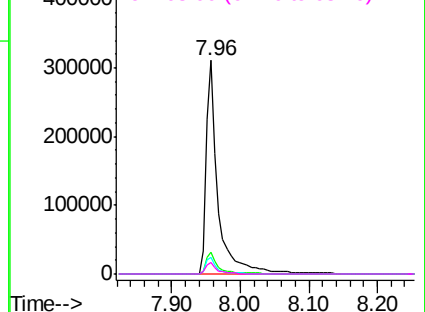


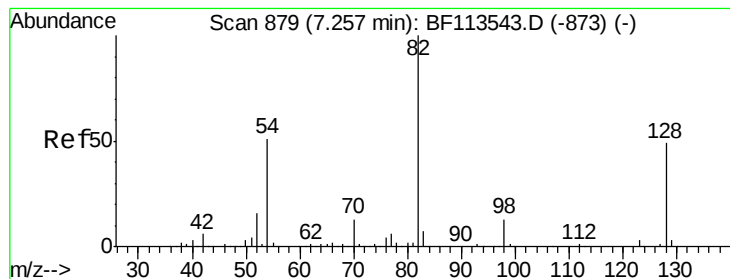
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.148 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampled :

TP-9

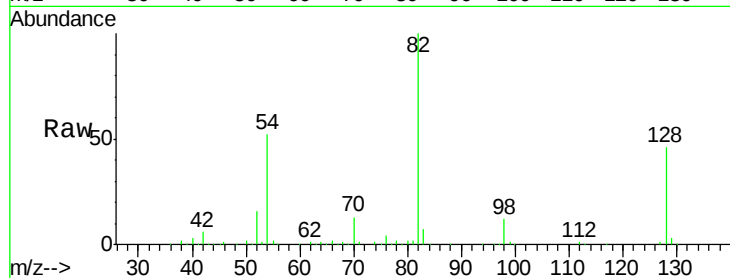
Tgt Ion: 82 Resp: 609165

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

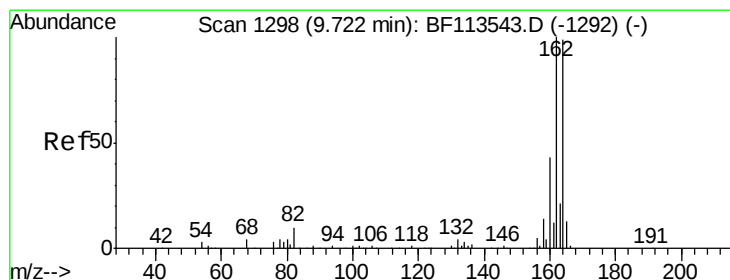
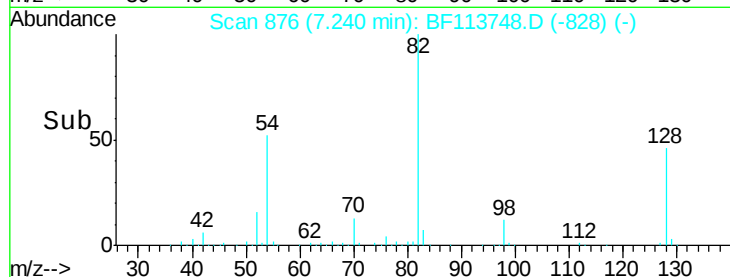
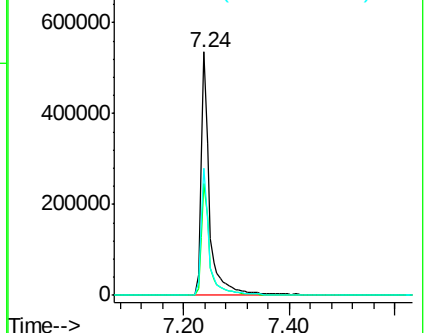
54 52.0 42.2 63.2



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: BF113748.D

Acq: 12 Apr 2019 19:56

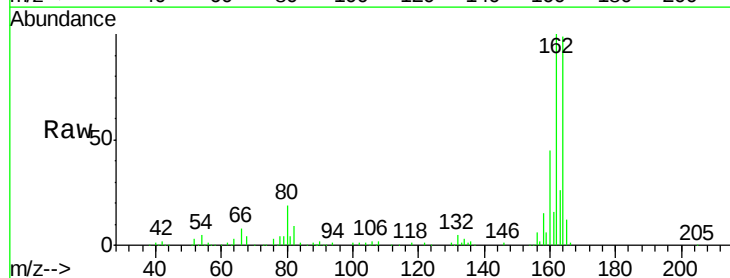
Tgt Ion: 164 Resp: 183651

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

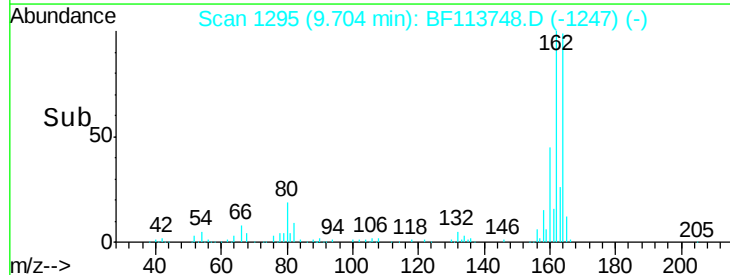
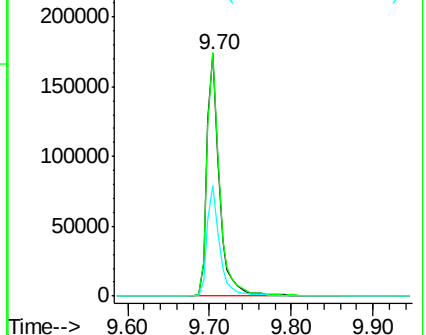
160 45.4 36.4 54.6

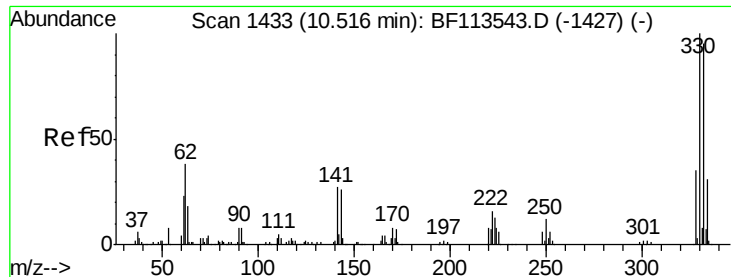


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

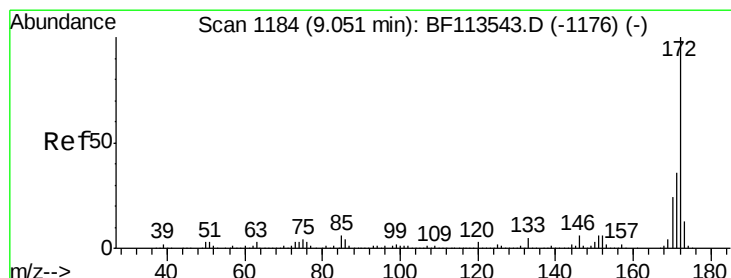
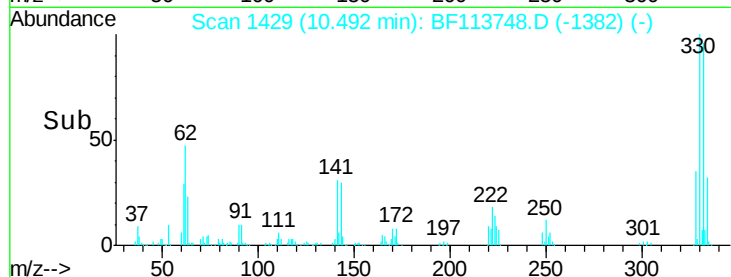
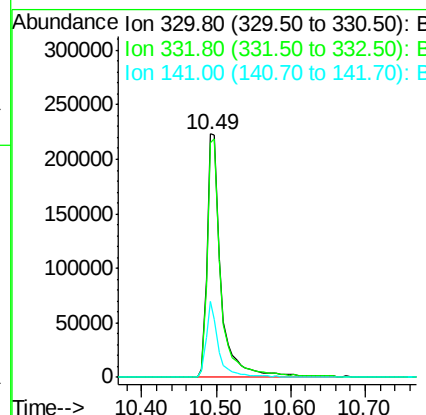
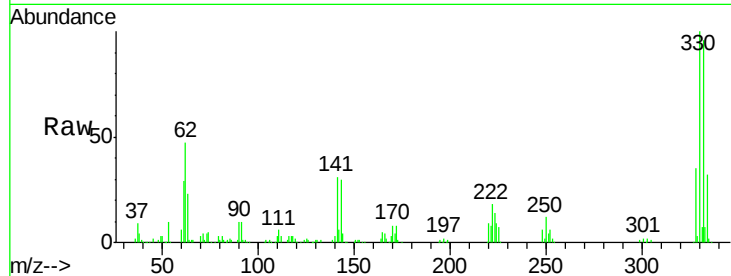




#42
 2,4,6-Tribromophenol
 Concen: 135.128 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF113748.D
 Acq: 12 Apr 2019 19:56

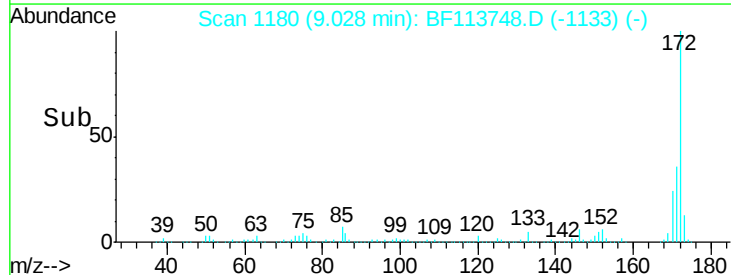
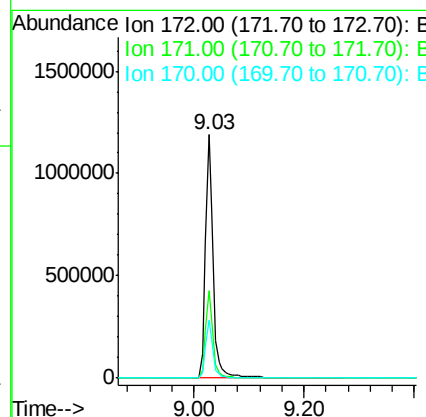
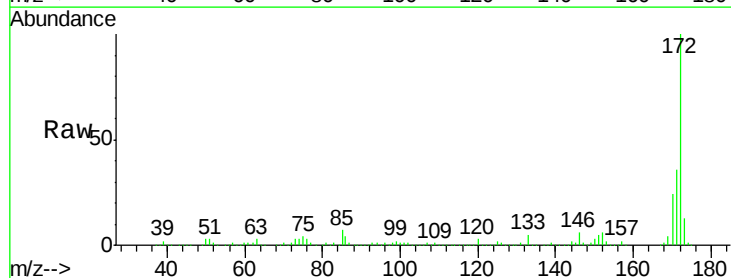
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

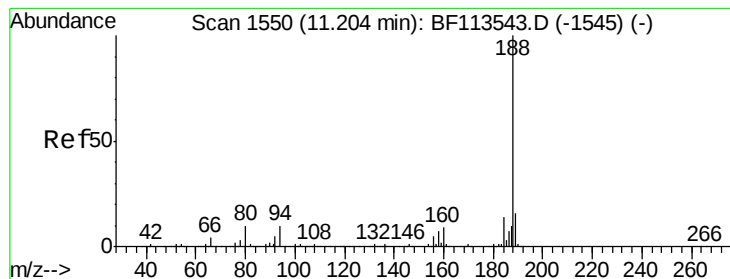
Tgt Ion:330 Resp: 298105
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 28.0 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 102.029 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113748.D
 Acq: 12 Apr 2019 19:56

Tgt Ion:172 Resp: 1163912
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.0 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: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TP-9

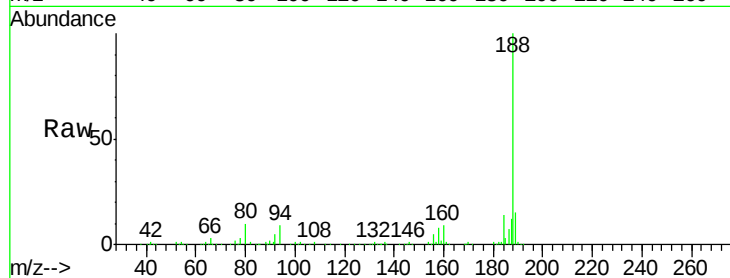
Tgt Ion:188 Resp: 379369

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

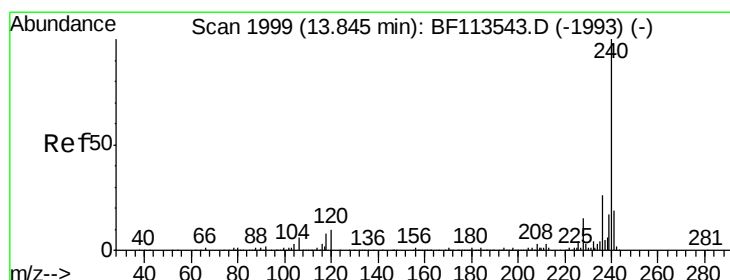
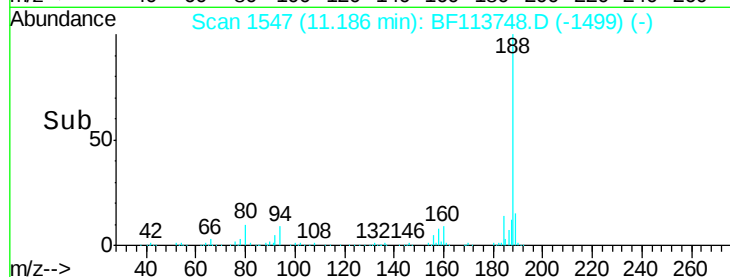
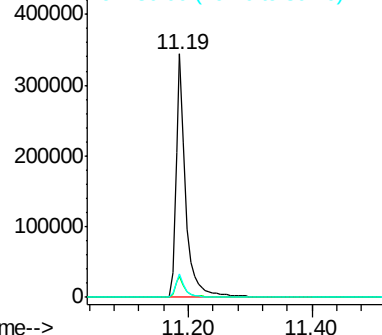
80 9.5 7.7 11.5



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: BF113748.D

Acq: 12 Apr 2019 19:56

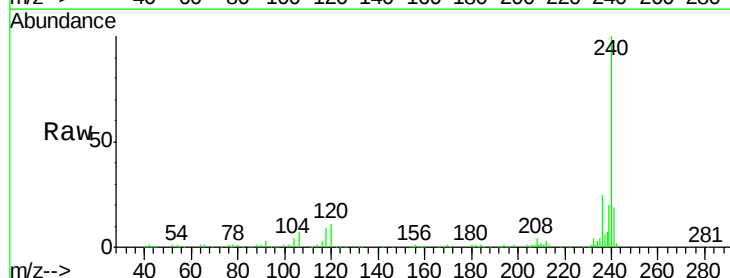
Tgt Ion:240 Resp: 259589

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

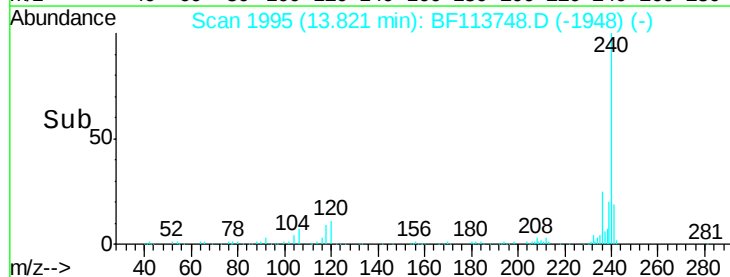
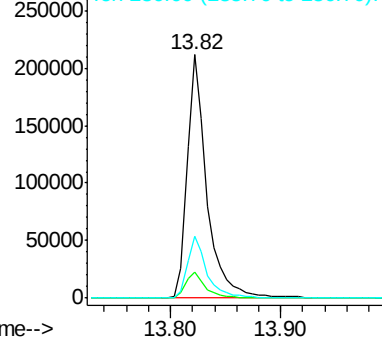
236 25.4 20.9 31.3

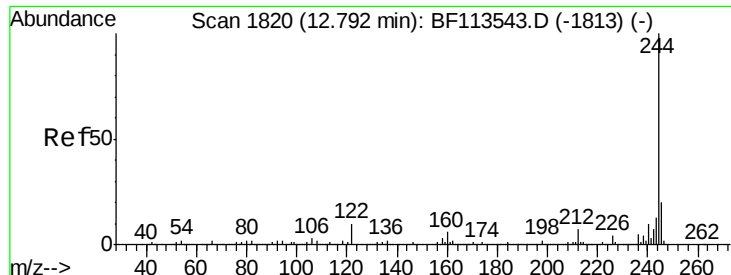


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.373 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

TP-9

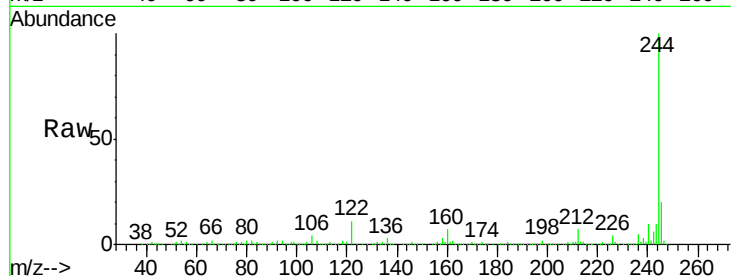
Tgt Ion:244 Resp: 1254245

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

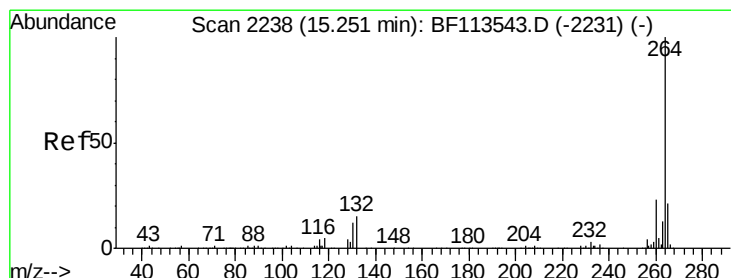
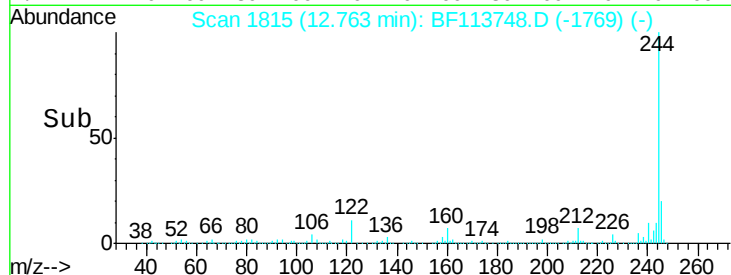
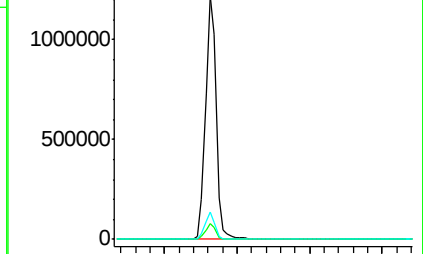
122 11.4 8.6 13.0



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: BF113748.D

Acq: 12 Apr 2019 19:56

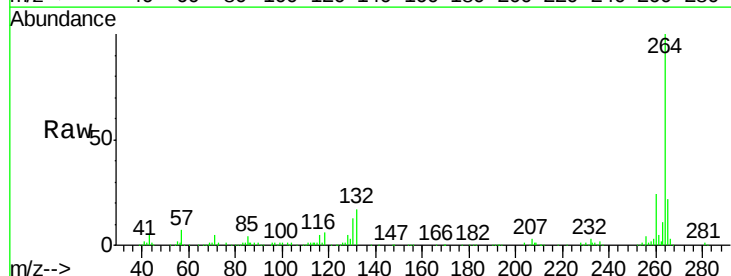
Tgt Ion:264 Resp: 308752

Ion Ratio Lower Upper

264 100

260 23.8 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

