

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113769.D
 Acq On : 15 Apr 2019 18:09
 Operator : JU/SJ
 Sample : K2407-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Quant Time: Apr 16 00:08:37 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	118512	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	442624	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	216020	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	447349	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	310896	20.00	ng	-0.02
87) Perylene-d12	15.23	264	296007	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	813286	117.02	ng	0.00
7) Phenol-d6	6.33	99	950696	110.99	ng	-0.01
23) Nitrobenzene-d5	7.24	82	699185	92.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	369026	142.21	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1306504	97.37	ng	-0.02
79) Terphenyl-d14	12.77	244	1489977	97.58	ng	-0.02

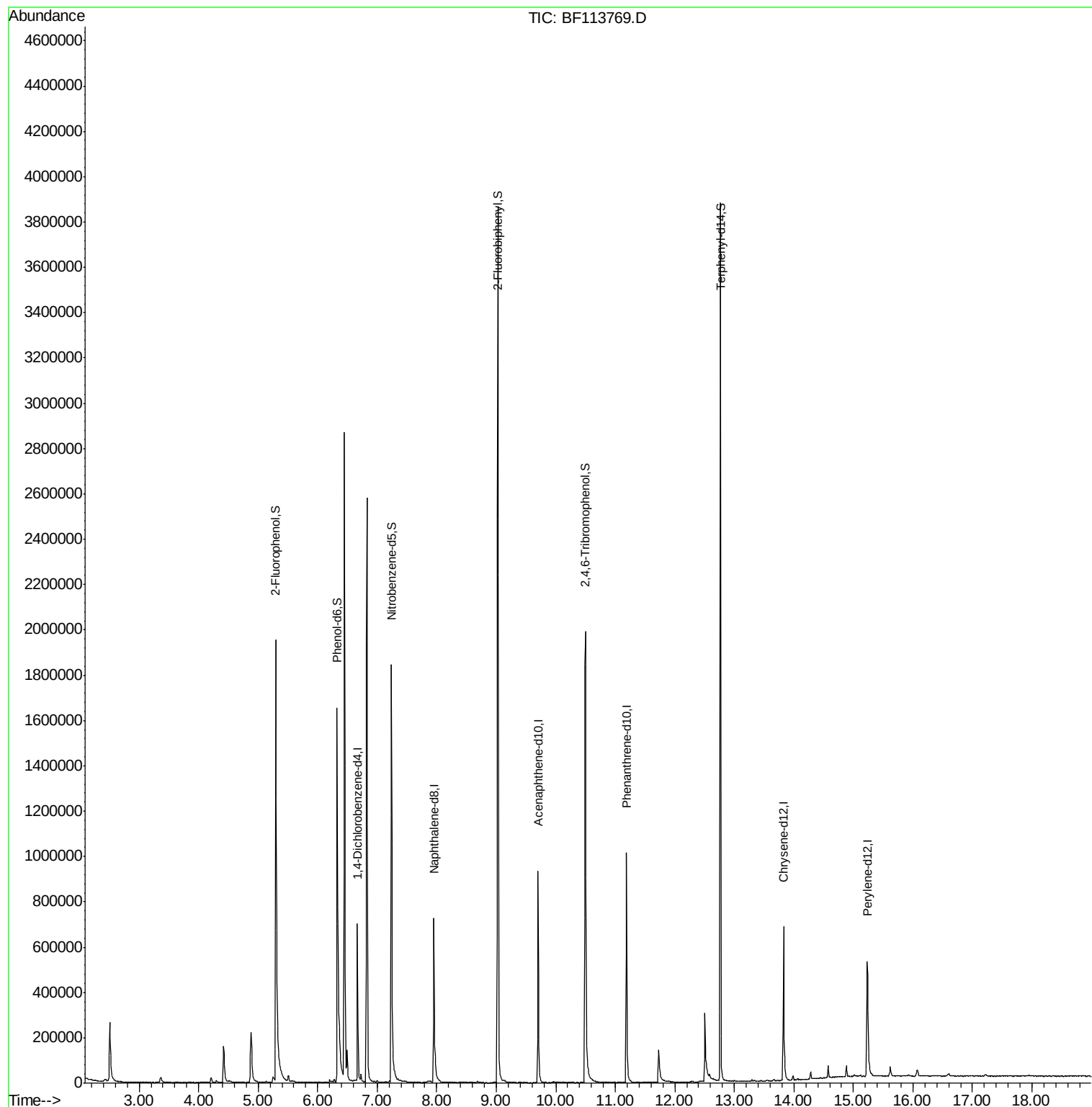
Target Compounds	Qvalue
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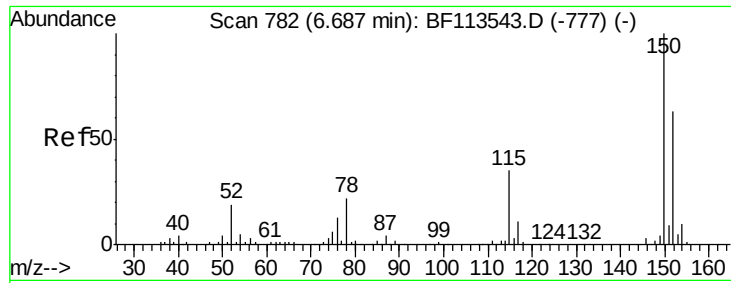
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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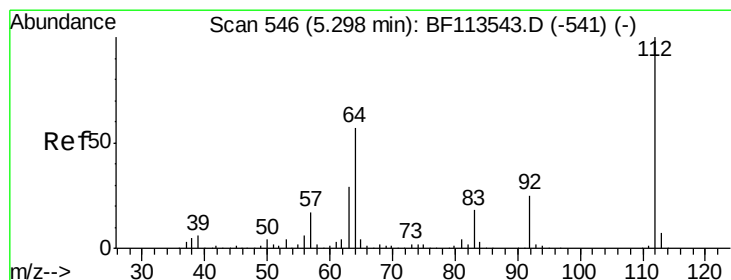
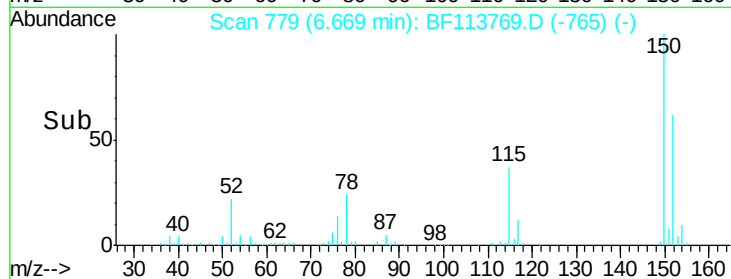
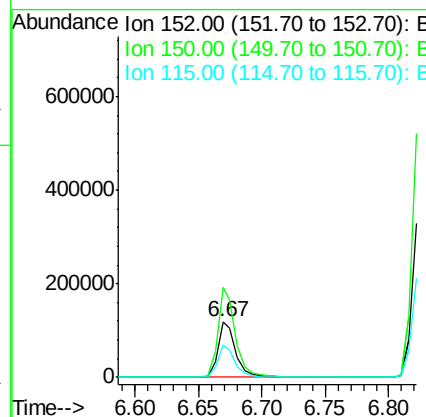
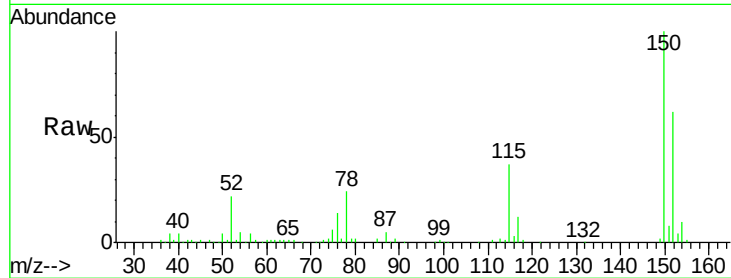




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF113769.D
 Acq: 15 Apr 2019 18:09

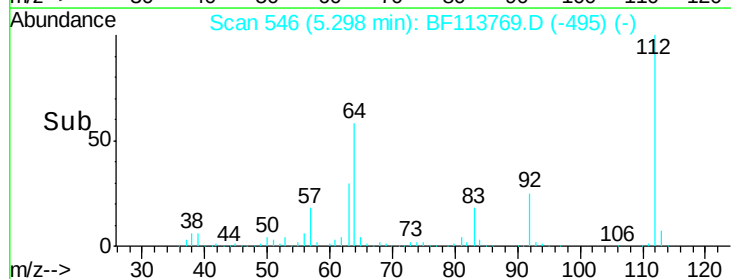
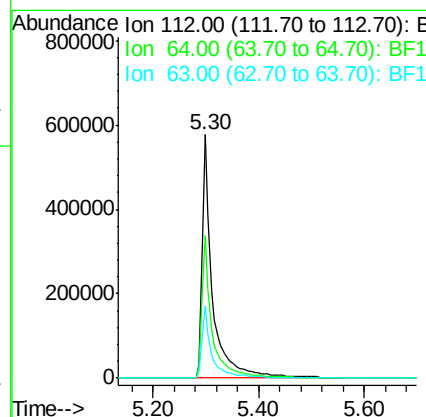
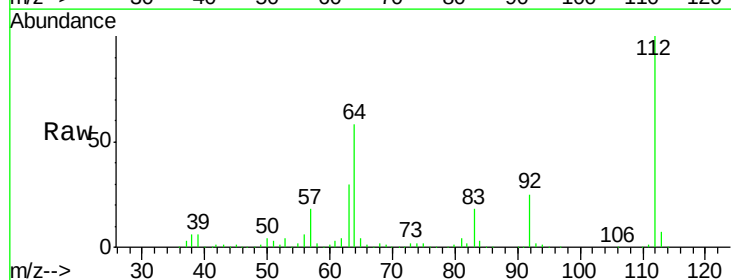
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

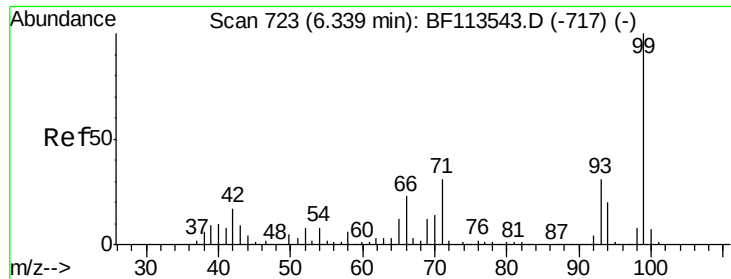
Tgt Ion:152 Resp: 118512
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.7 187.1
 115 58.7 46.0 69.0



#5
 2-Fluorophenol
 Concen: 117.021 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113769.D
 Acq: 15 Apr 2019 18:09

Tgt Ion:112 Resp: 813286
 Ion Ratio Lower Upper
 112 100
 64 58.4 49.2 73.8
 63 29.8 24.9 37.3





#7

Phenol-d6

Concen: 110.987 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113769.D

Acq: 15 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

TP-11-D

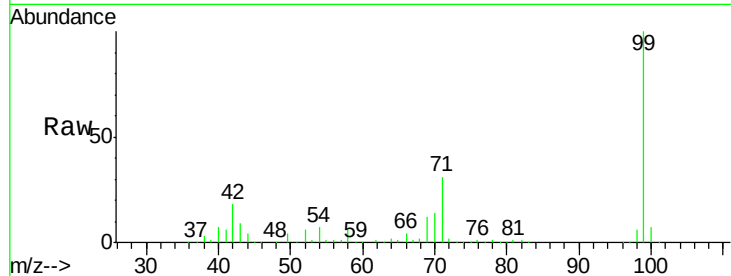
Tgt Ion: 99 Resp: 950696

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

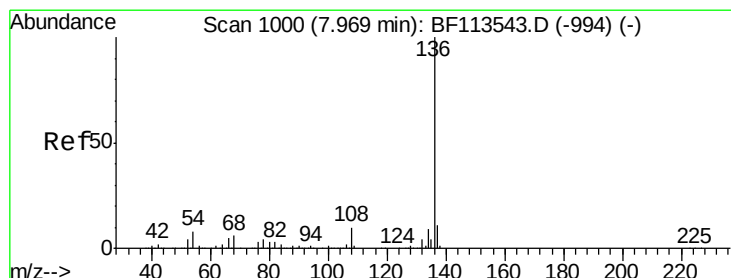
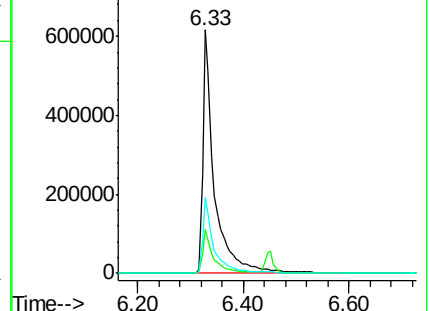
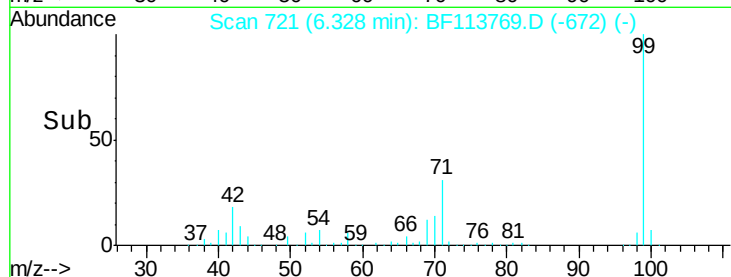
71 31.4 24.9 37.3



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: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113769.D

Acq: 15 Apr 2019 18:09

Tgt Ion: 136 Resp: 442624

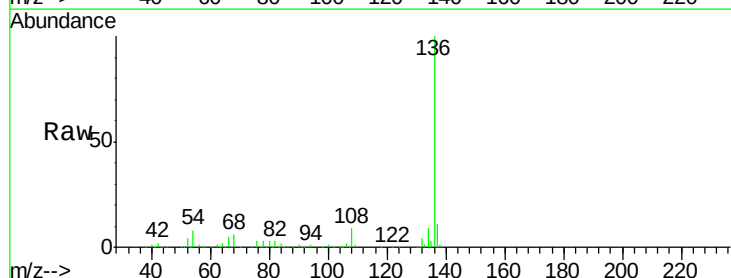
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 7.0 10.6

68 6.0 4.8 7.2

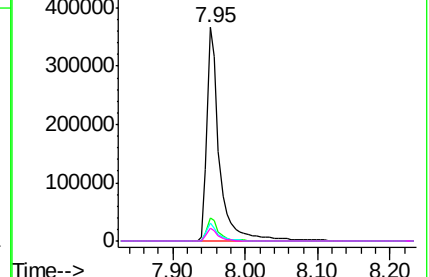
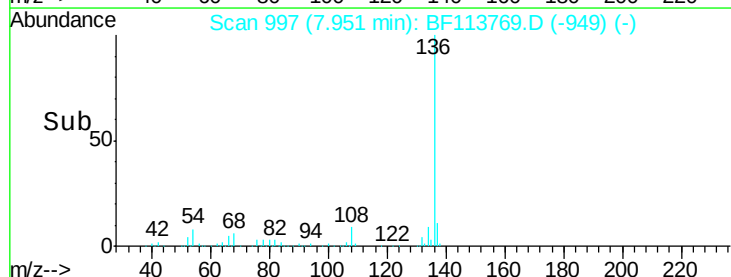


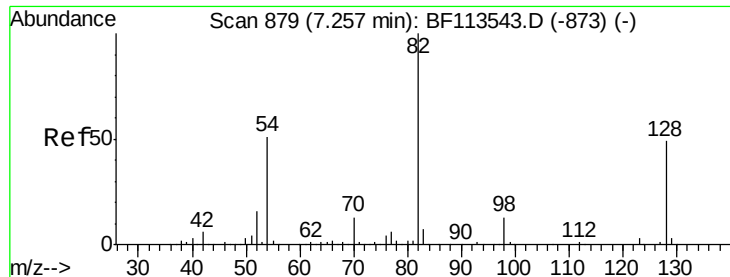
Abundance Ion 136.00 (135.70 to 136.70): E

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

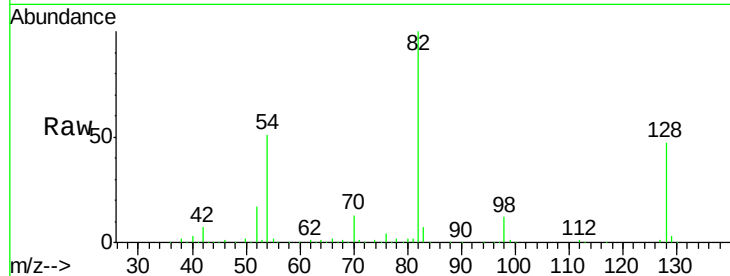




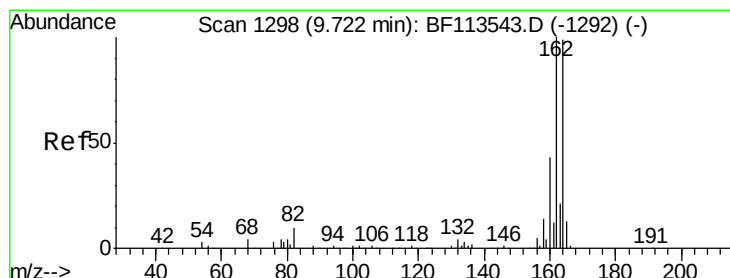
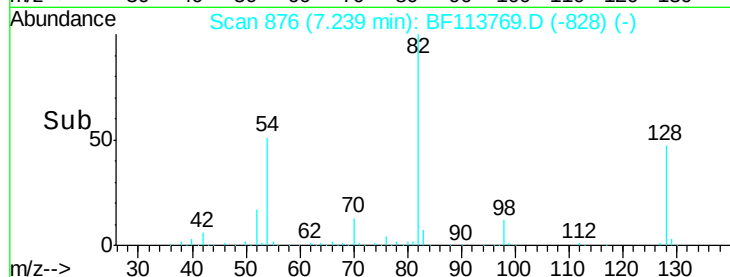
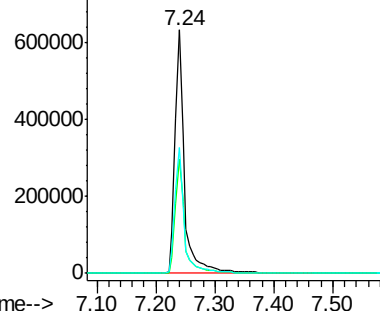
#23
Nitrobenzene-d5
Concen: 92.528 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113769.D
Acq: 15 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Tgt Ion: 82 Resp: 699185
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 51.4 42.2 63.2

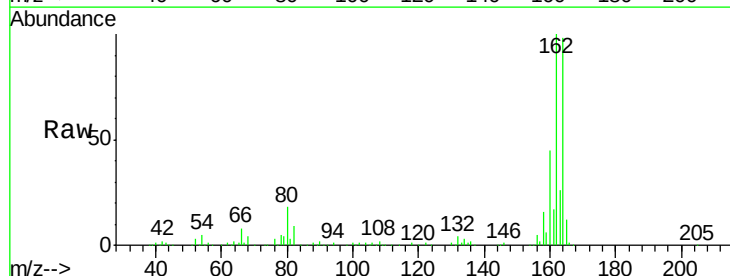


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

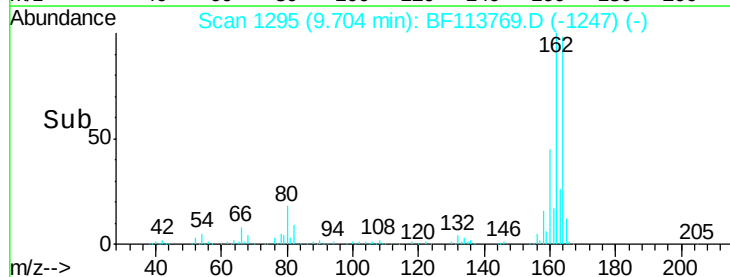
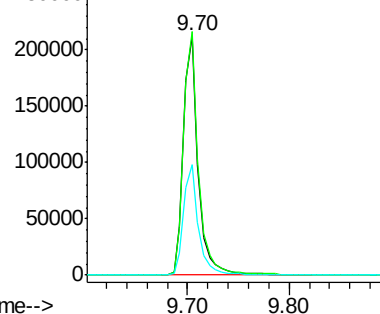


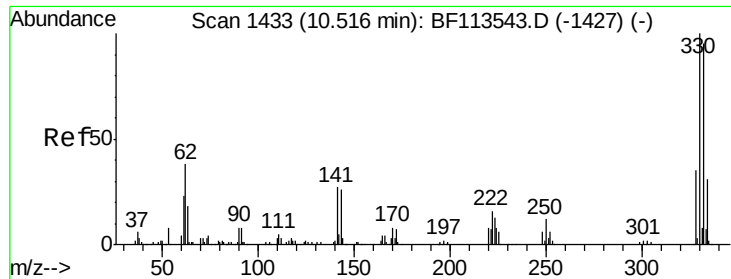
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113769.D
Acq: 15 Apr 2019 18:09

Tgt Ion: 164 Resp: 216020
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 46.3 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

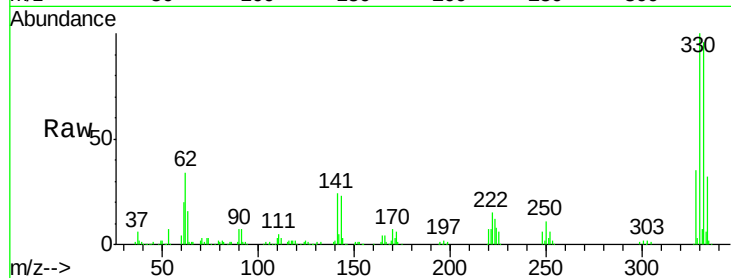




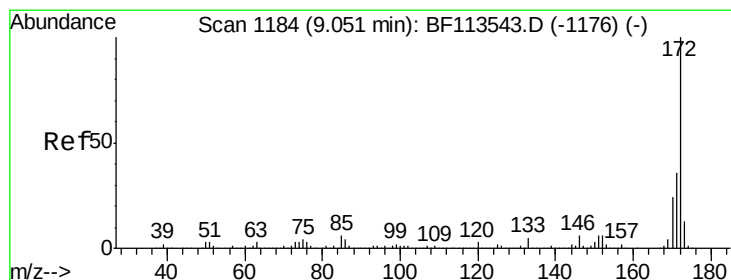
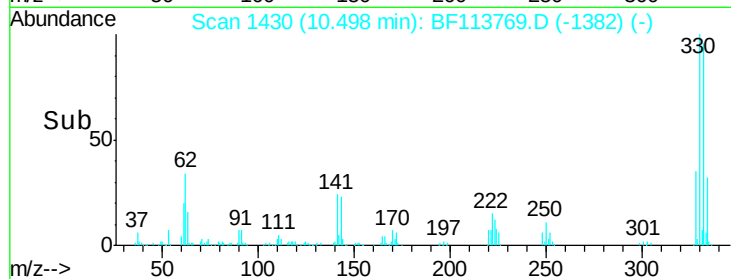
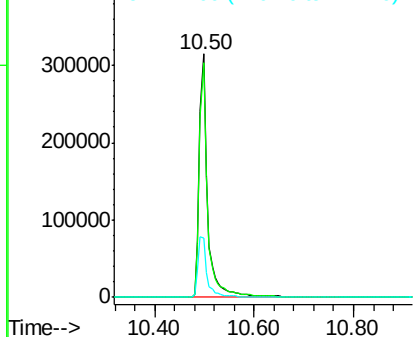
#42
 2,4,6-Tribromophenol
 Concen: 142.211 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113769.D
 Acq: 15 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D

Tgt Ion:330 Resp: 369026
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 27.3 22.7 34.1

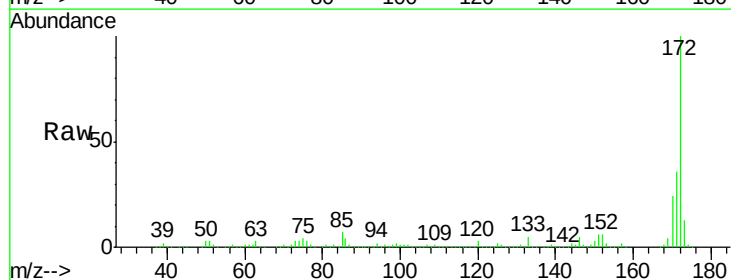


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

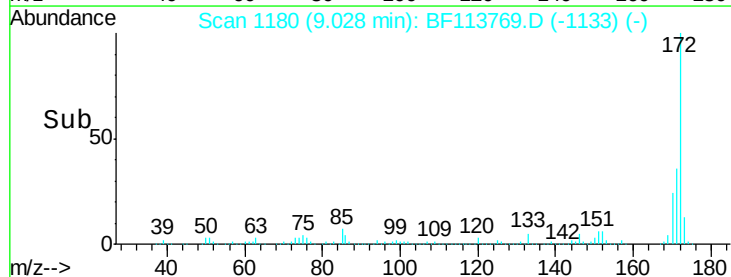
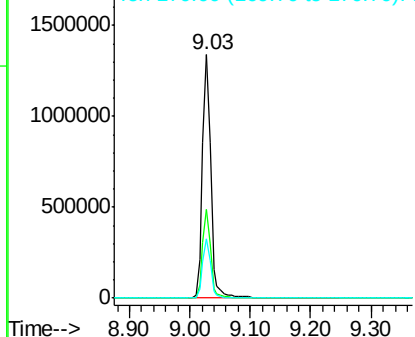


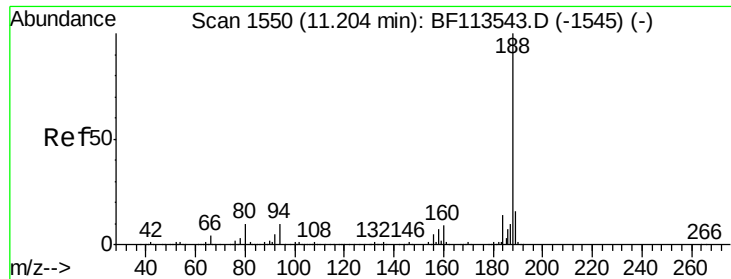
#45
 2-Fluorobiphenyl
 Concen: 97.367 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113769.D
 Acq: 15 Apr 2019 18:09

Tgt Ion:172 Resp: 1306504
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.3 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

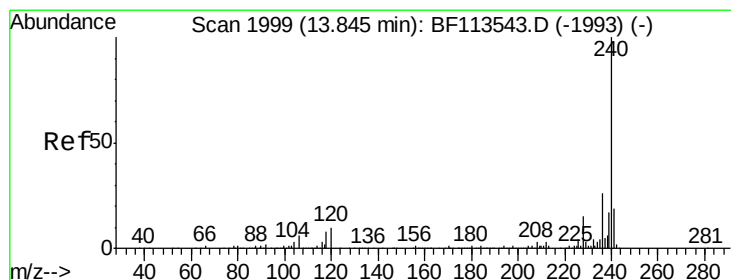
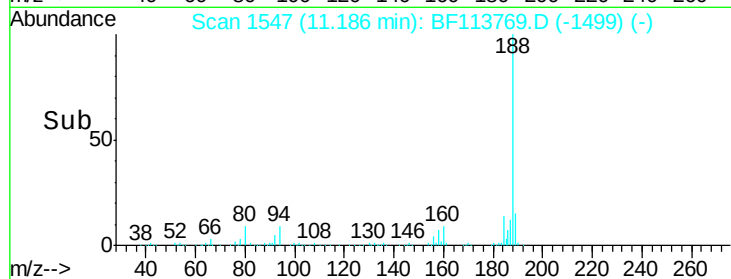
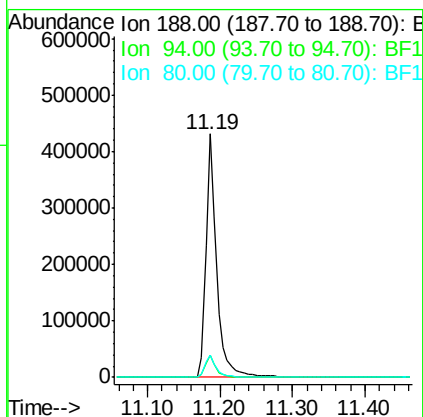
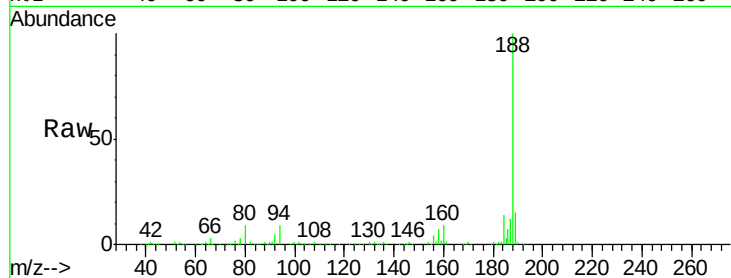




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113769.D
Acq: 15 Apr 2019 18:09

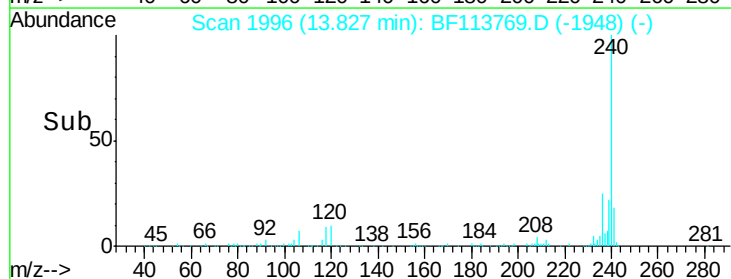
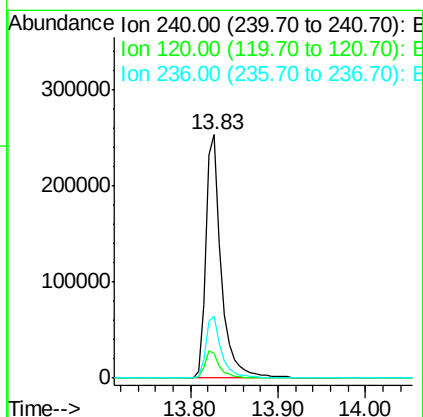
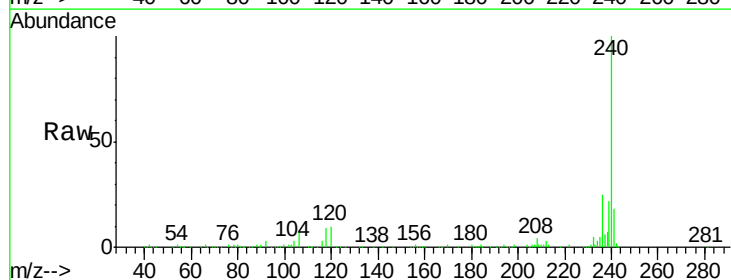
Instrument :
BNA_F
ClientSampled :
TP-11-D

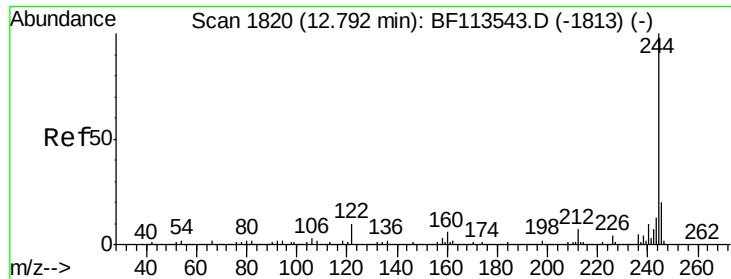
Tgt Ion:188 Resp: 447349
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113769.D
Acq: 15 Apr 2019 18:09

Tgt Ion:240 Resp: 310896
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 97.577 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113769.D

Acq: 15 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

TP-11-D

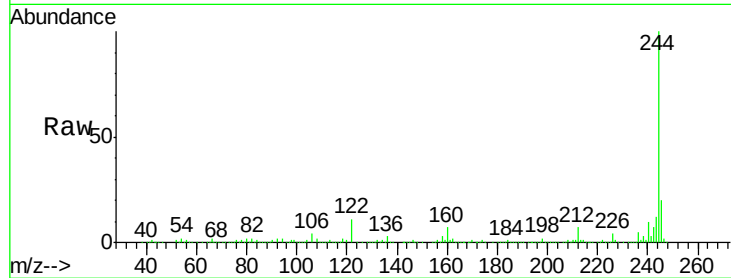
Tgt Ion:244 Resp: 1489977

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

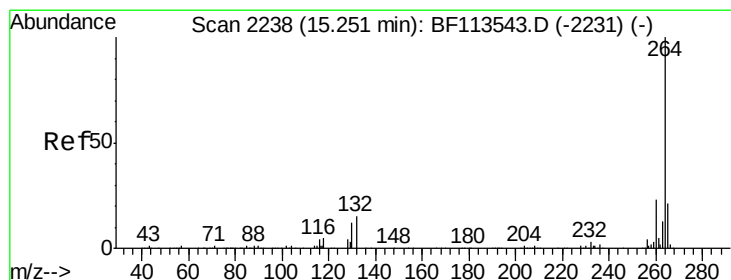
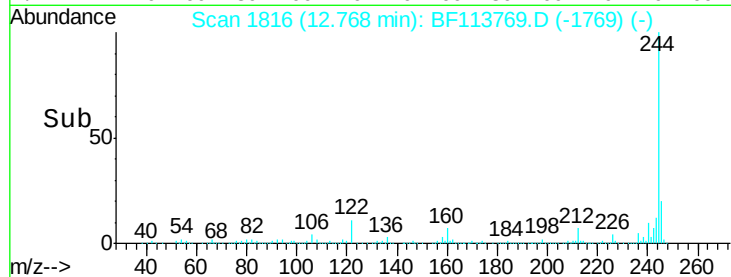
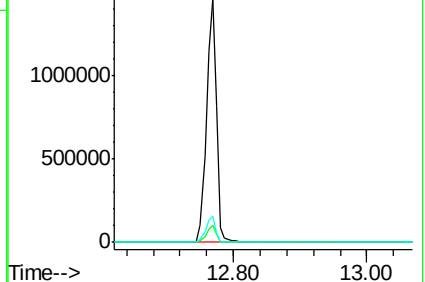
122 10.8 8.6 13.0



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: BF113769.D

Acq: 15 Apr 2019 18:09

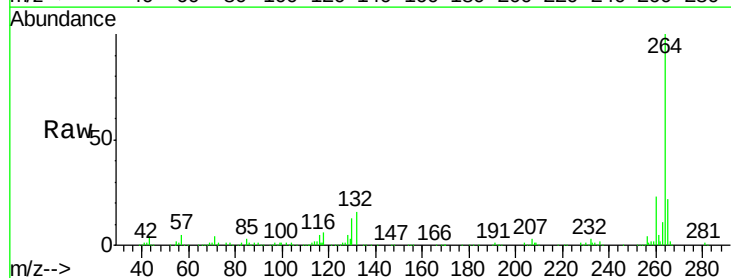
Tgt Ion:264 Resp: 296007

Ion Ratio Lower Upper

264 100

260 23.5 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

