

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113750.D
 Acq On : 12 Apr 2019 20:55
 Operator : JU/SJ
 Sample : K2358-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D

Quant Time: Apr 13 02:30:31 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	110250	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	407705	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	195092	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	389780	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	253776	20.00	ng	-0.02
87) Perylene-d12	15.23	264	304253	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	784849	121.39	ng	0.00
7) Phenol-d6	6.33	99	893246	112.10	ng	-0.01
23) Nitrobenzene-d5	7.24	82	685659	98.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	337991	144.22	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1251107	103.24	ng	-0.02
79) Terphenyl-d14	12.76	244	1309960	105.10	ng	-0.03

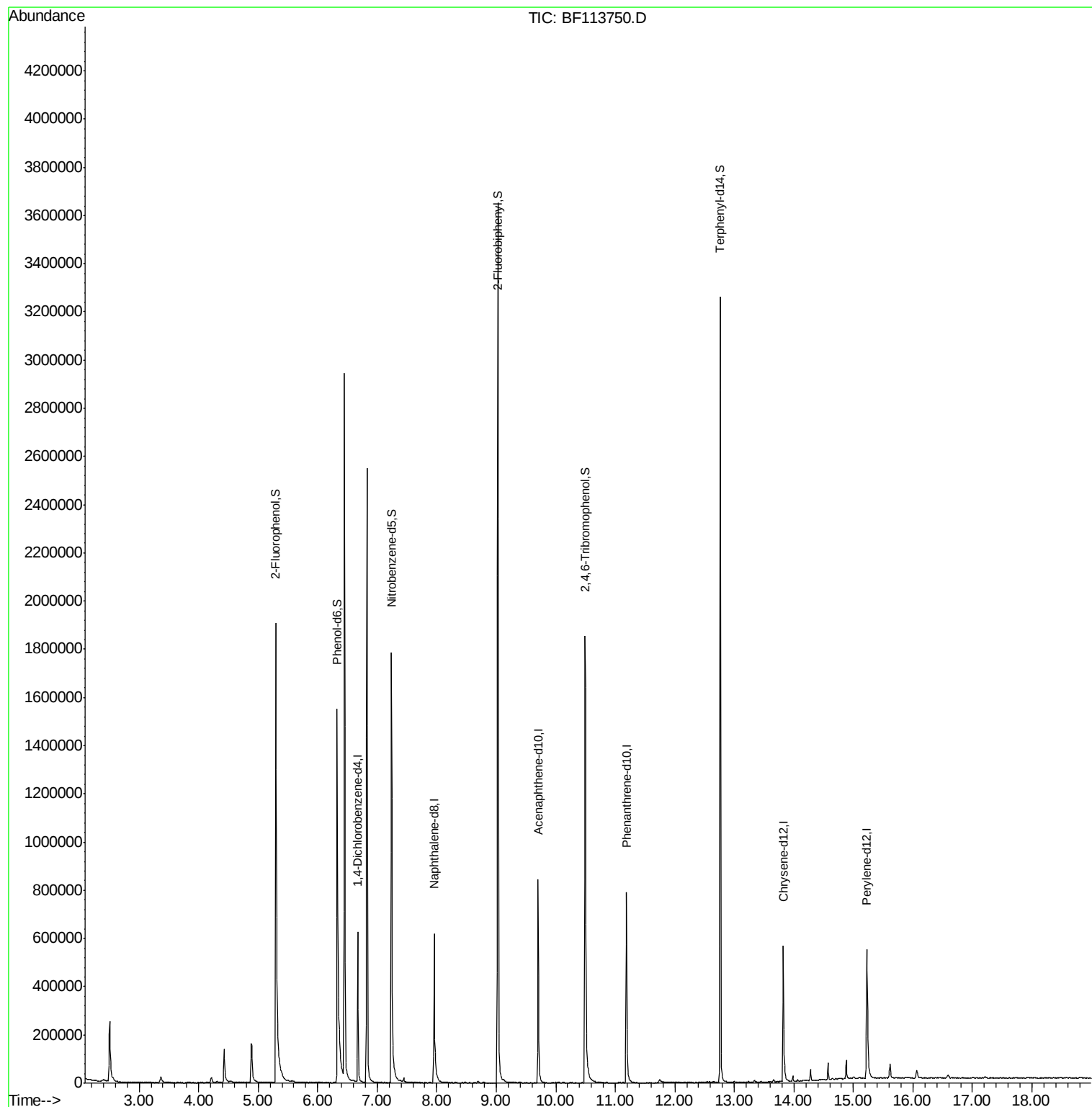
Target Compounds	Qvalue
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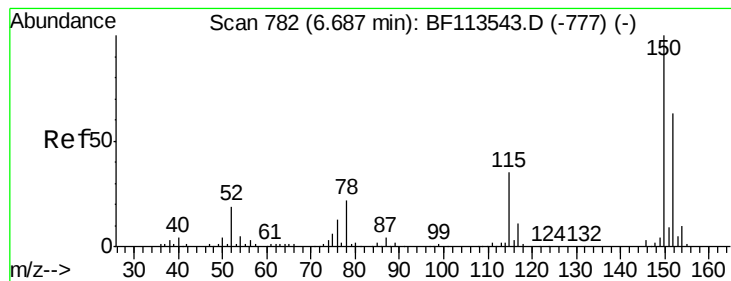
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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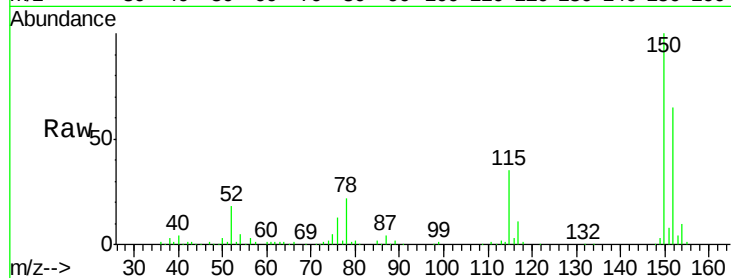


#1

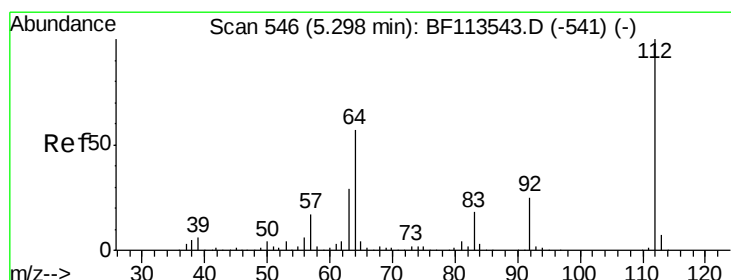
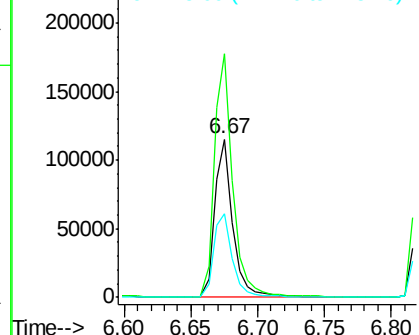
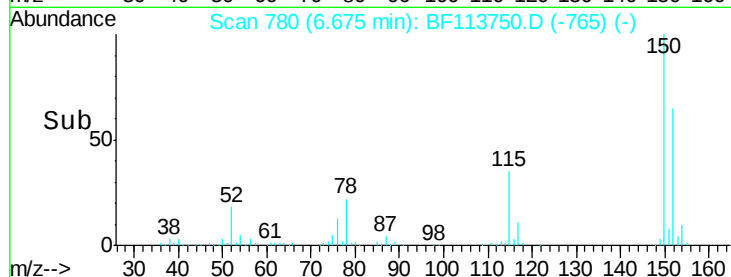
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Instrument :
BNA_F
ClientSampleId :
TP-7-D

Tgt Ion:152 Resp: 110250
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 53.3 46.0 69.0



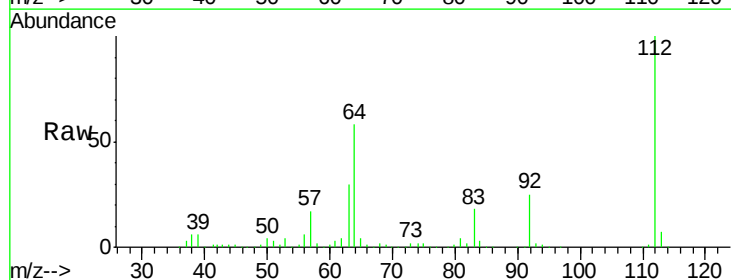
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



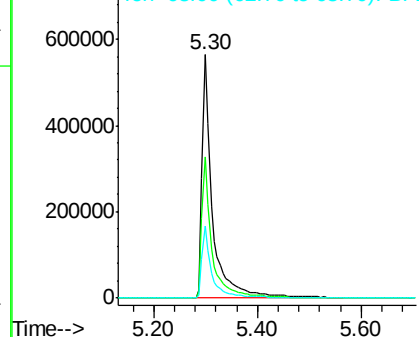
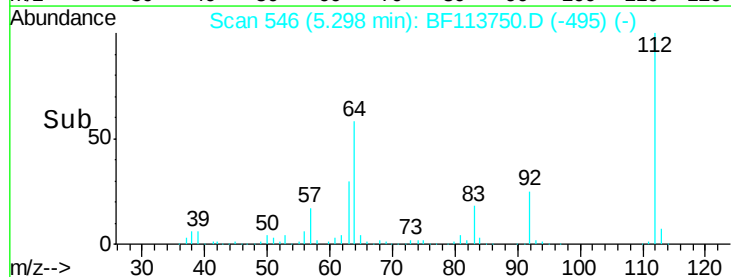
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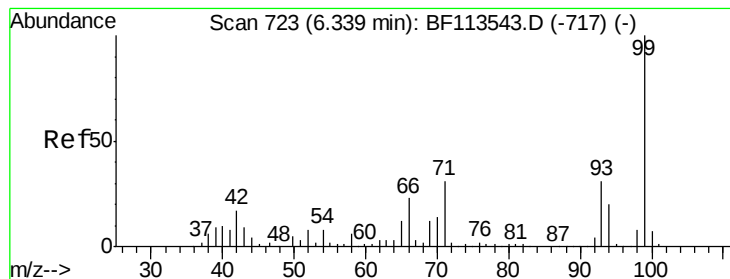
2-Fluorophenol
Concen: 121.392 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Tgt Ion:112 Resp: 784849
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 29.6 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: 112.095 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

TP-7-D

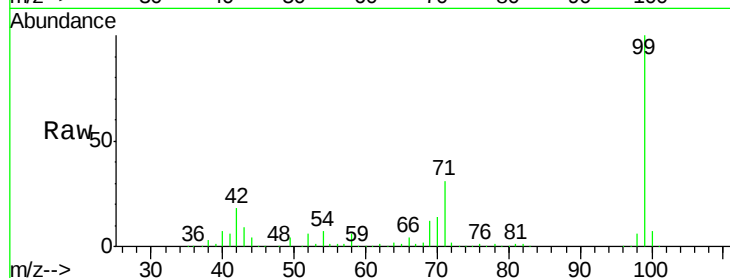
Tgt Ion: 99 Resp: 893246

Ion Ratio Lower Upper

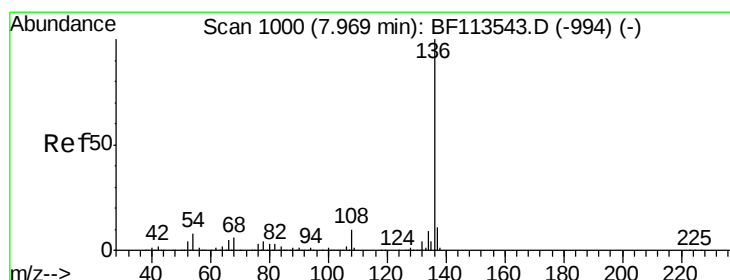
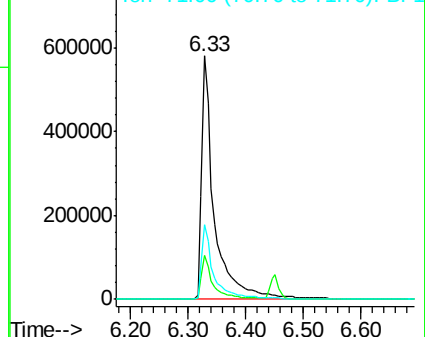
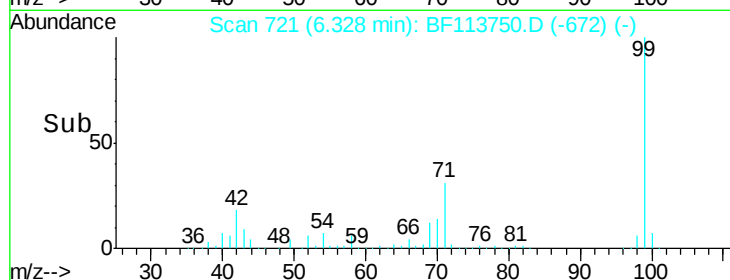
99 100

42 18.1 14.8 22.2

71 30.6 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: BF113750.D

Acq: 12 Apr 2019 20:55

Tgt Ion: 136 Resp: 407705

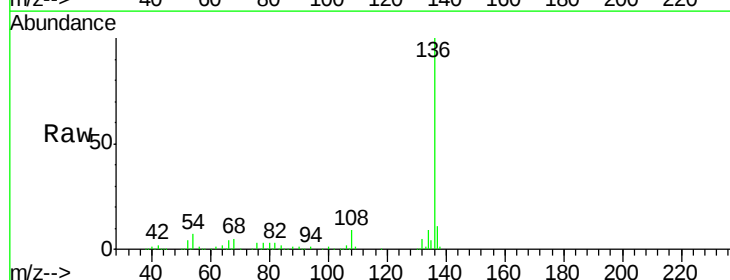
Ion Ratio Lower Upper

136 100

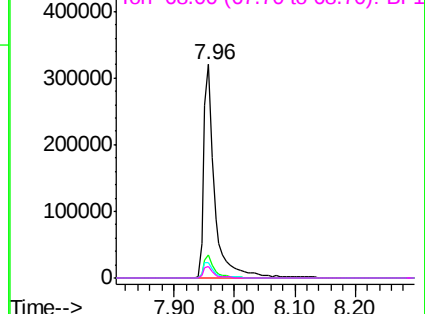
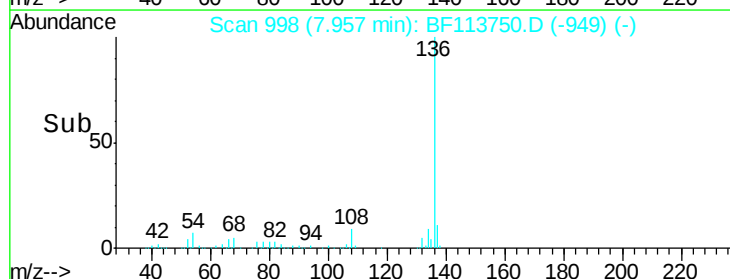
137 10.6 8.9 13.3

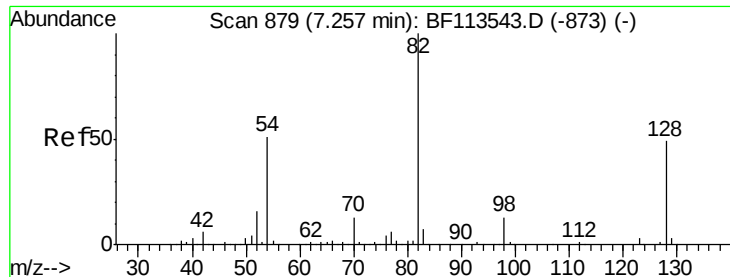
54 7.2 7.0 10.6

68 5.3 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

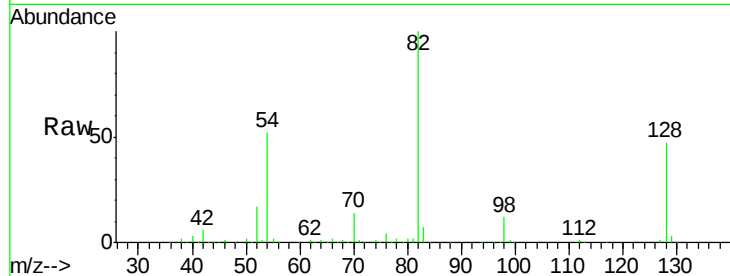




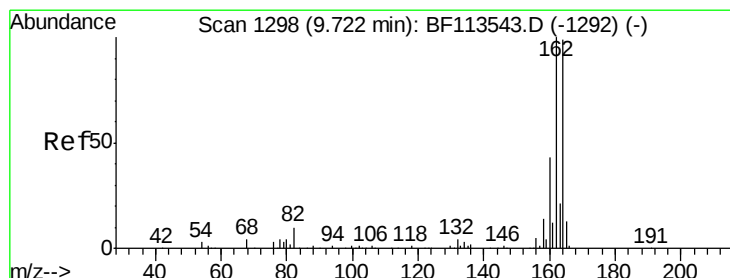
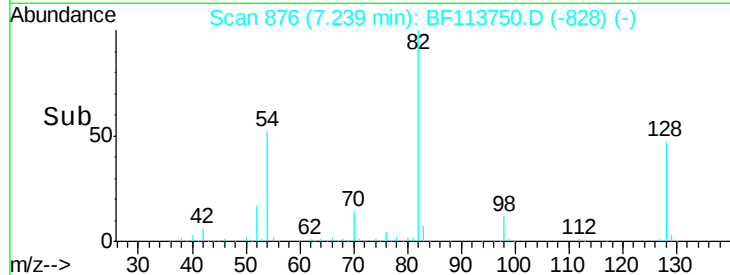
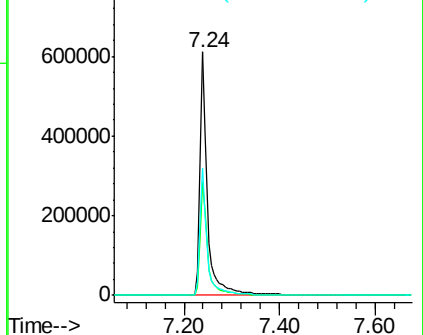
#23
 Nitrobenzene-d5
 Concen: 98.509 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D

Tgt Ion: 82 Resp: 685659
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 52.3 42.2 63.2

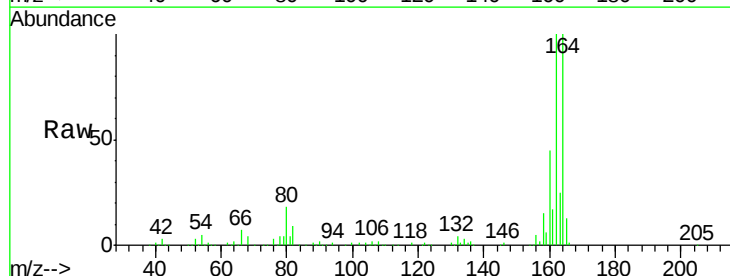


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

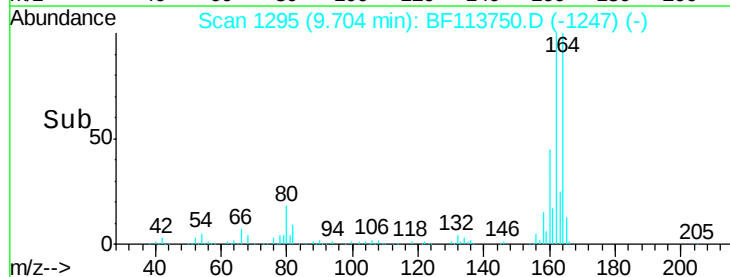
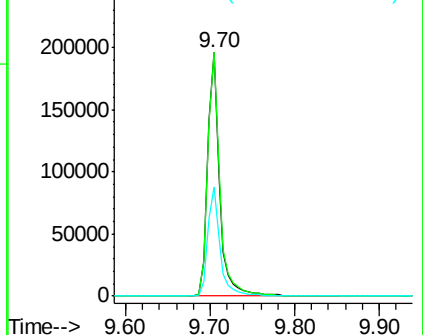


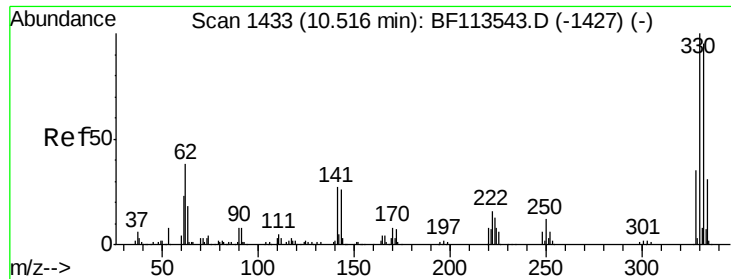
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Tgt Ion: 164 Resp: 195092
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.8 122.6
 160 45.1 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

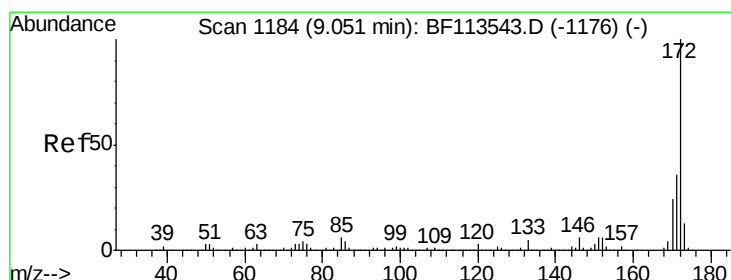
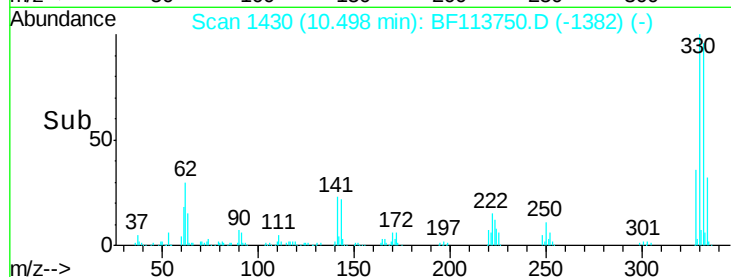
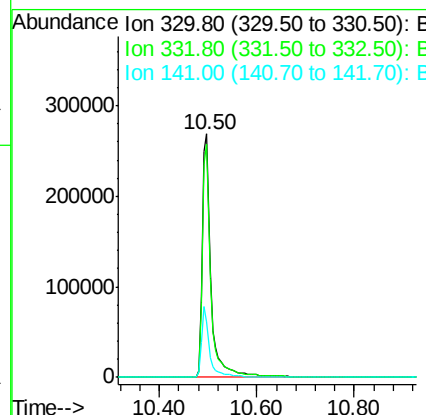
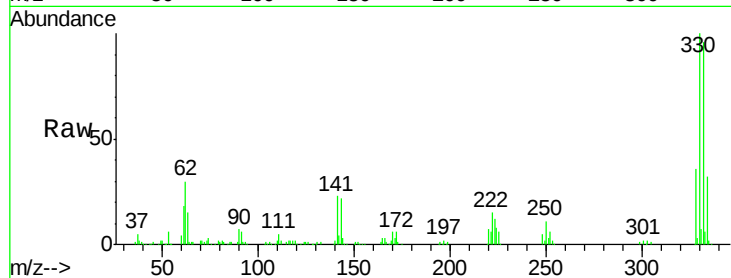




#42
 2,4,6-Tribromophenol
 Concen: 144.223 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

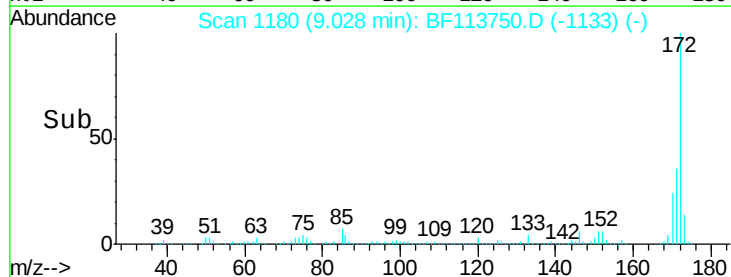
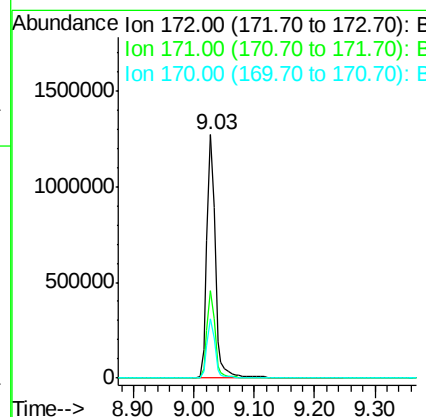
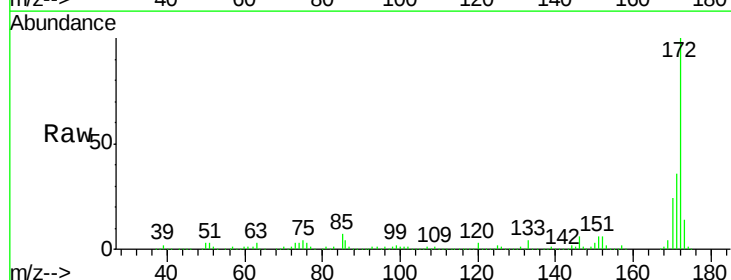
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 BNA_F
 ClientSampleId :
 TP-7-D

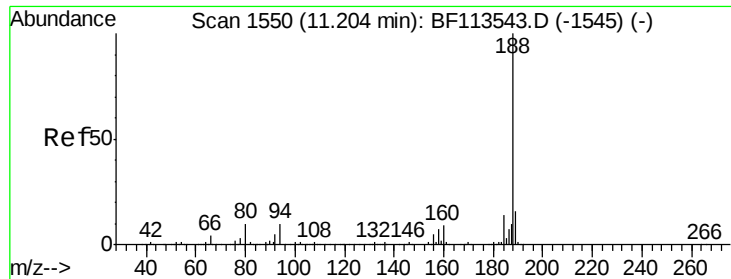
Tgt Ion:330 Resp: 337991
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.8 116.6
 141 27.3 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 103.241 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Tgt Ion:172 Resp: 1251107
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 19.5 29.3

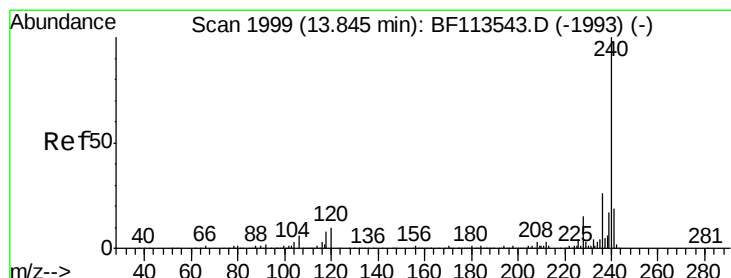
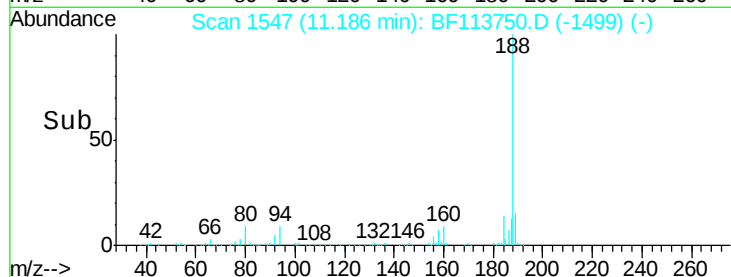
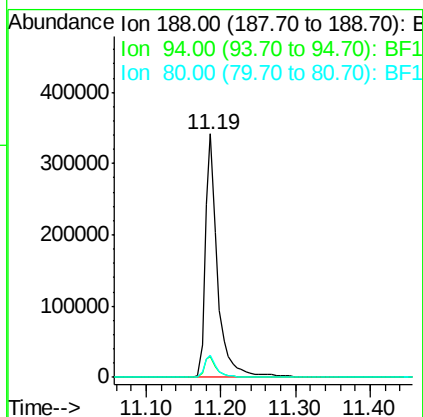
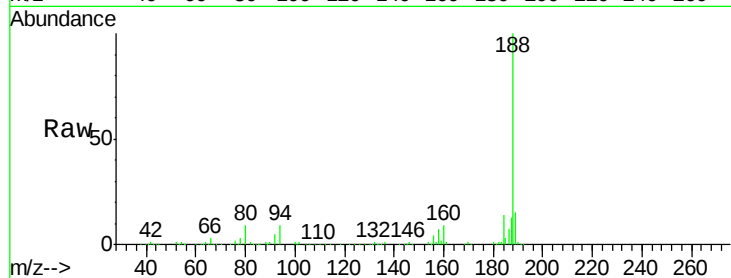




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

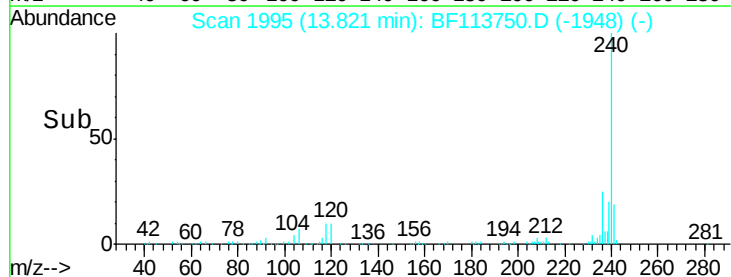
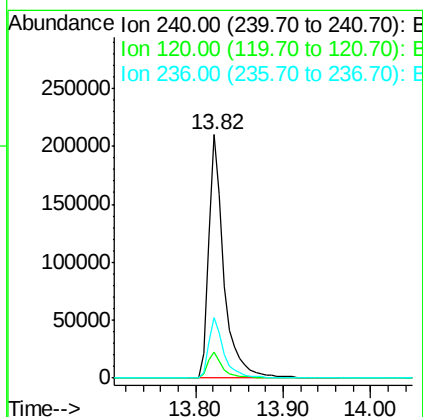
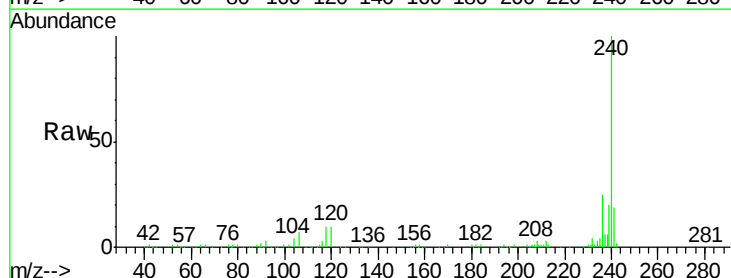
Instrument :
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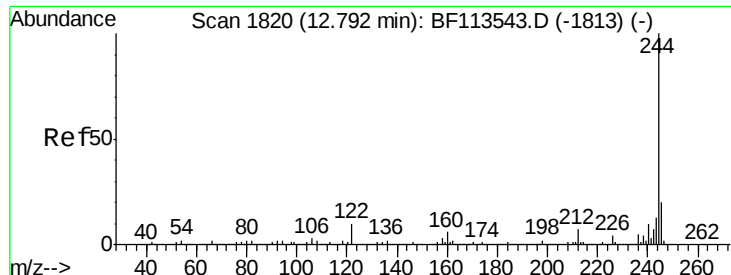
Tgt Ion:188 Resp: 389780
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Tgt Ion:240 Resp: 253776
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.0 20.9 31.3





#79

Terphenyl-d14

Concen: 105.097 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

TP-7-D

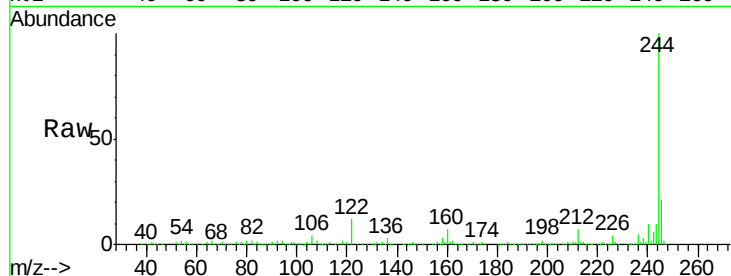
Tgt Ion:244 Resp: 1309960

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

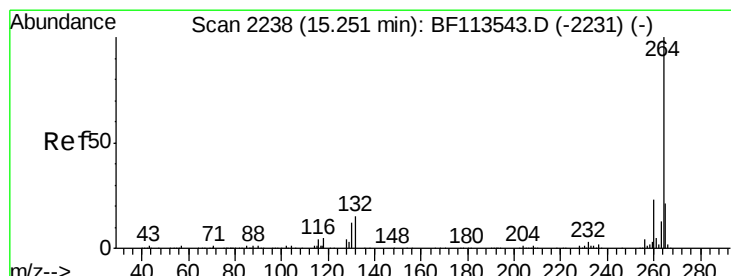
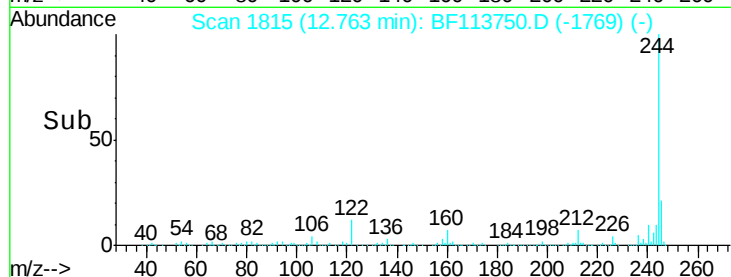
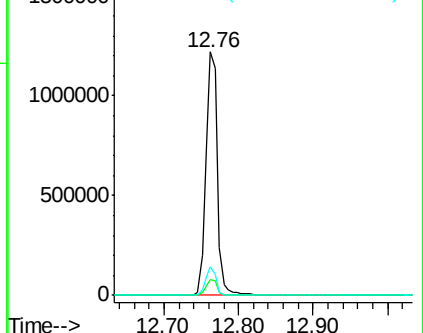
122 11.6 8.6 13.0



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: BF113750.D

Acq: 12 Apr 2019 20:55

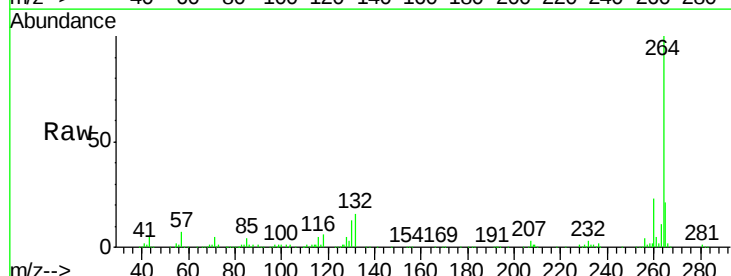
Tgt Ion:264 Resp: 304253

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 20.6 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

