

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113606.D
 Acq On : 5 Apr 2019 2:20
 Operator : JU/SJ
 Sample : K2193-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-A

Quant Time: Apr 05 07:06:51 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	6.68	152	111431	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	384642	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	176828	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	339058	20.00	ng	0.00
76) Chrysene-d12	13.83	240	230417	20.00	ng	-0.02
87) Perylene-d12	15.23	264	188627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	133269	20.39	ng	0.00
7) Phenol-d6	6.33	99	182529	22.66	ng	0.00
23) Nitrobenzene-d5	7.25	82	81977	12.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	38970	18.35	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	190311	17.33	ng	-0.01
79) Terphenyl-d14	12.77	244	182167	16.10	ng	-0.02

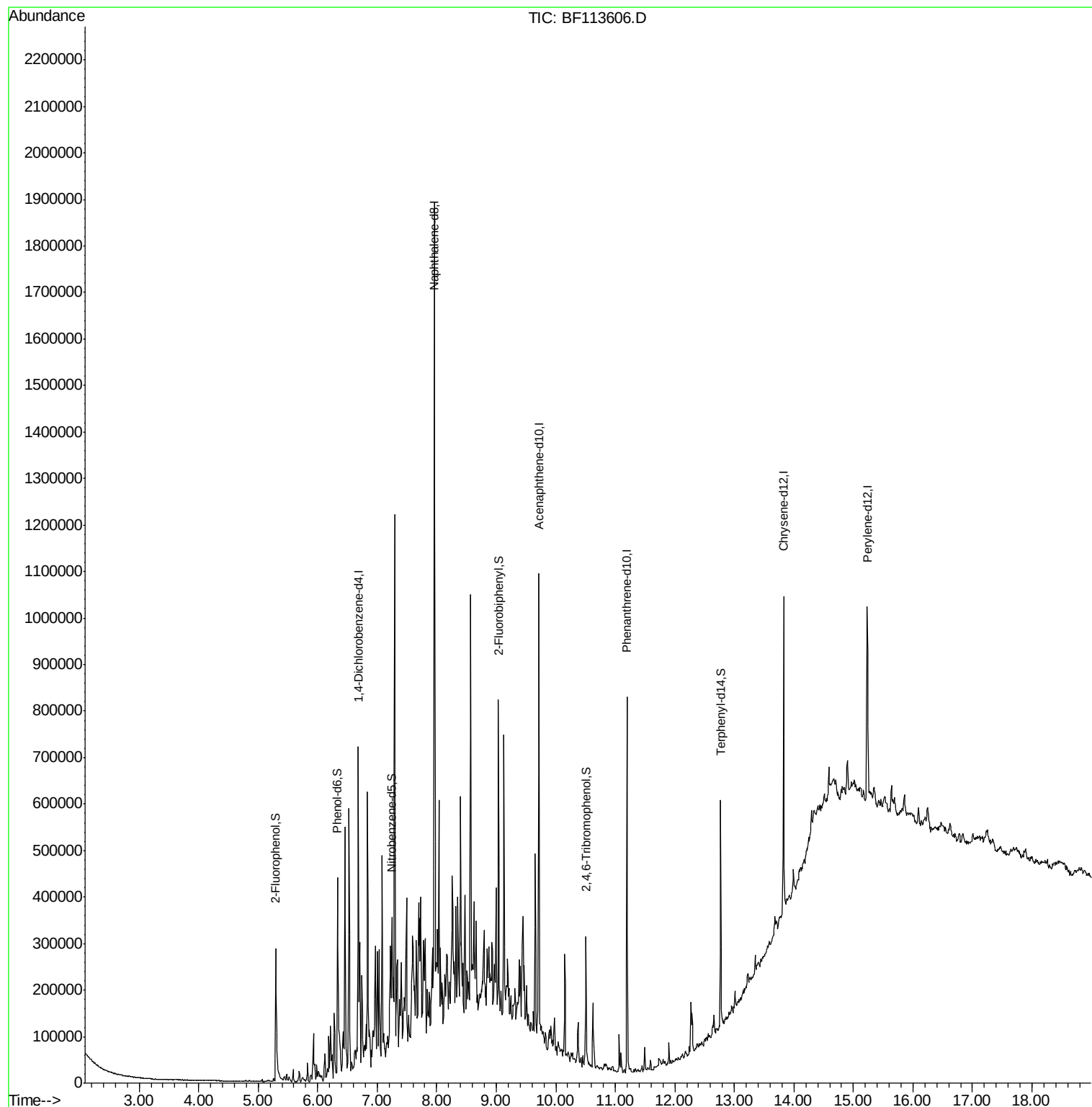
Target Compounds	Qvalue
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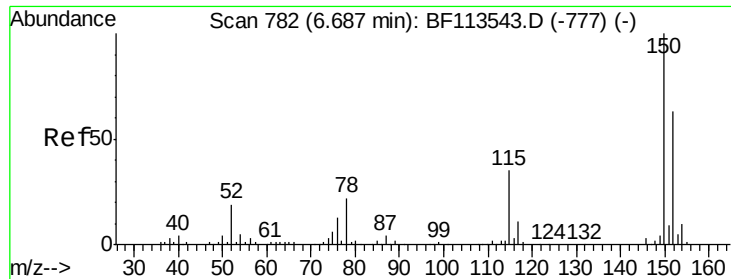
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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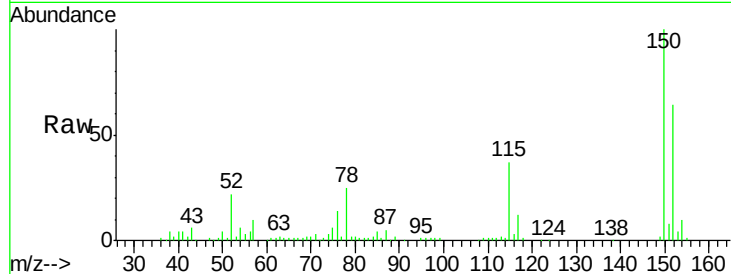


#1

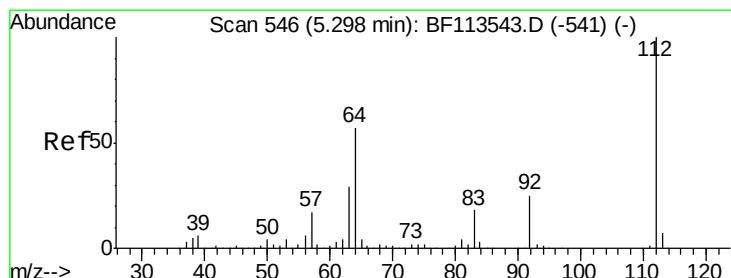
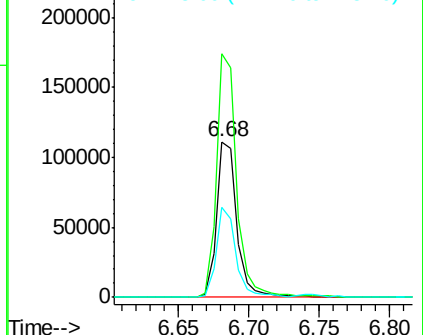
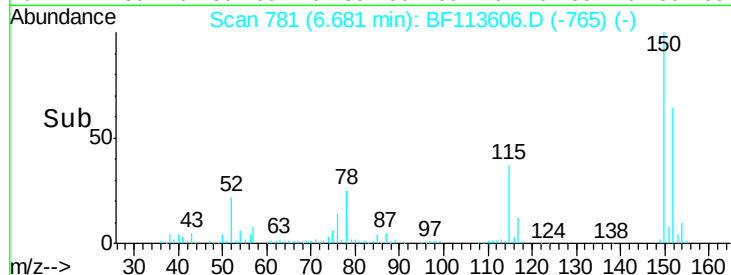
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-A

Tgt Ion:152 Resp: 111431
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 58.3 46.0 69.0



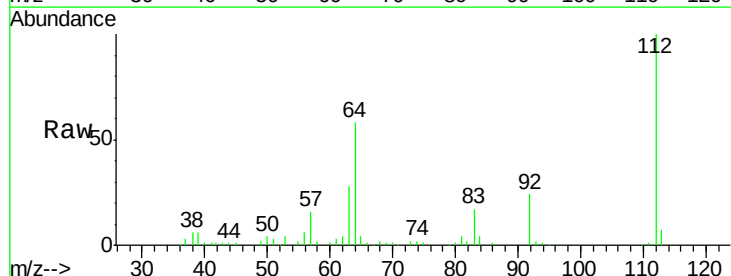
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



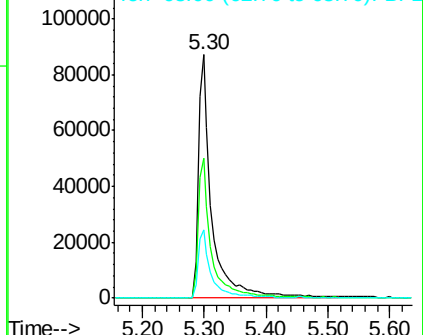
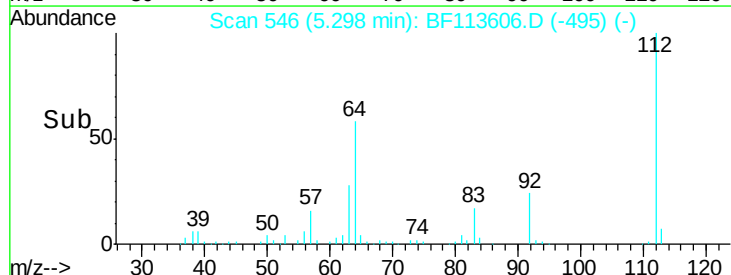
#5

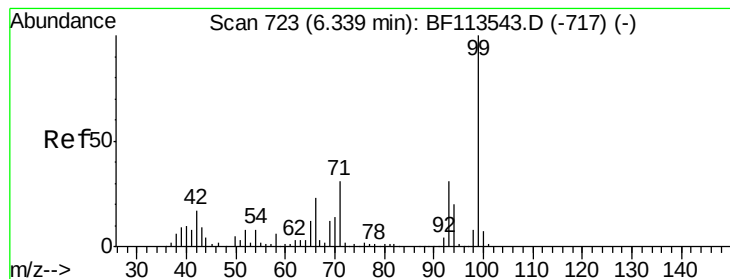
2-Fluorophenol
Concen: 20.394 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion:112 Resp: 133269
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 28.3 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: 22.663 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-A

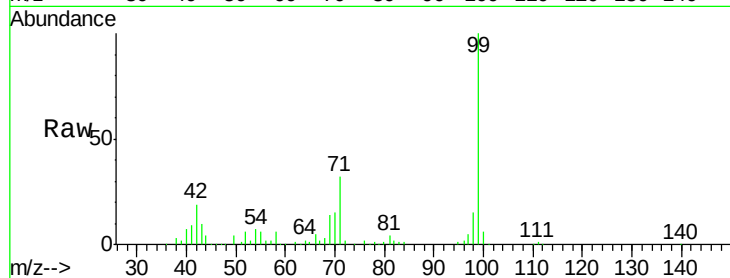
Tgt Ion: 99 Resp: 182529

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

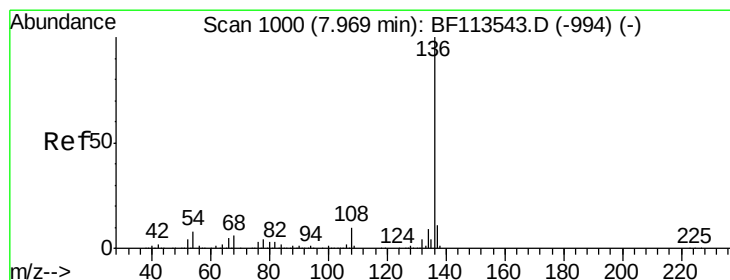
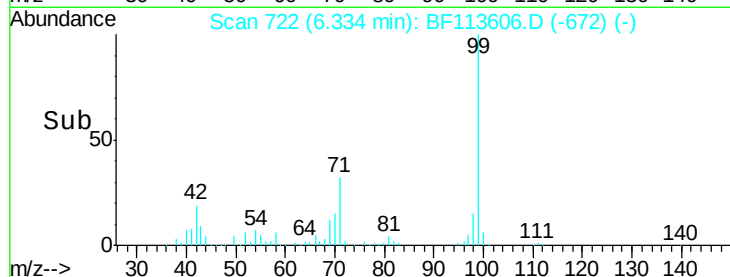
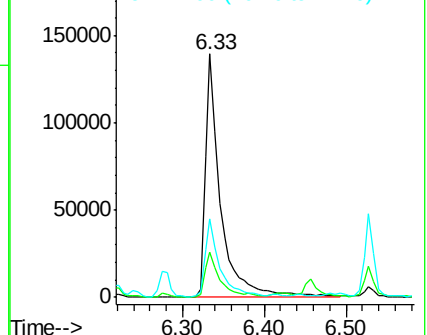
71 32.4 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Tgt Ion: 136 Resp: 384642

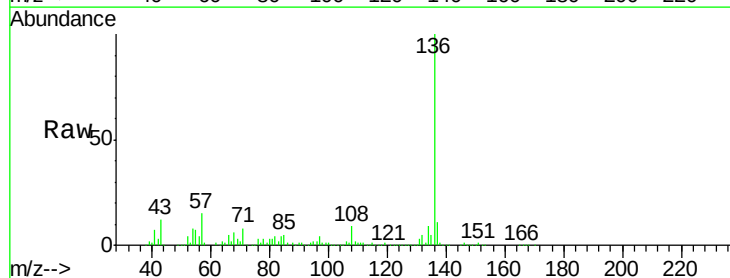
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 6.0 4.8 7.2

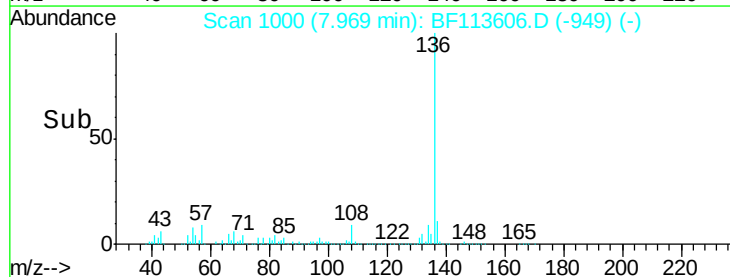
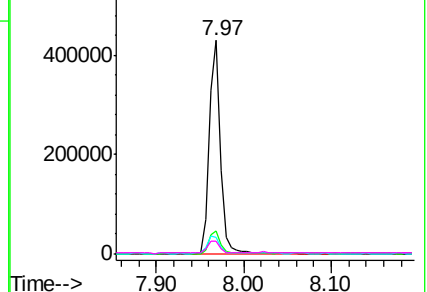


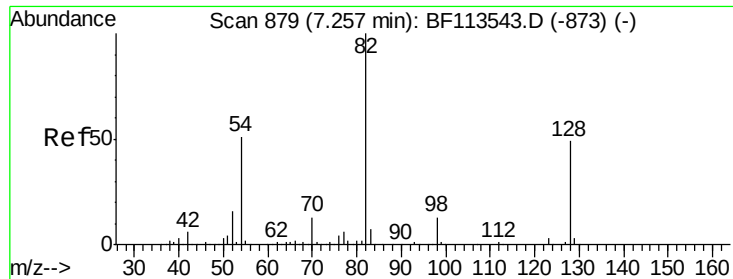
Abundance Ion 136.00 (135.70 to 136.70): E

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

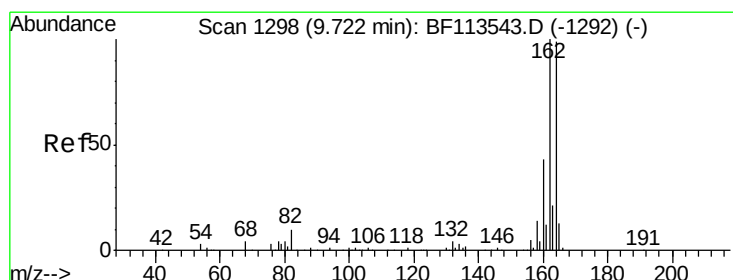
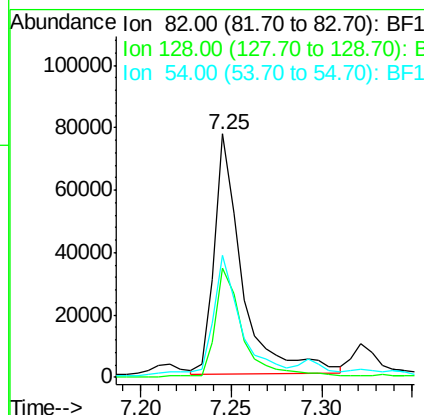
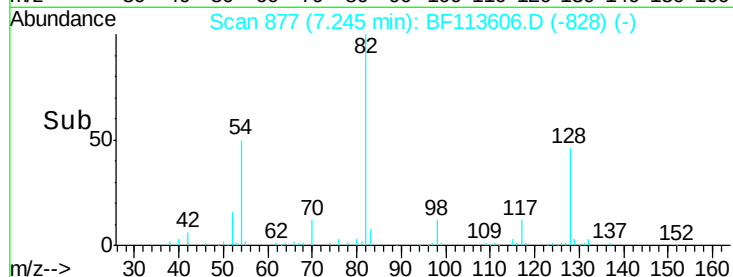
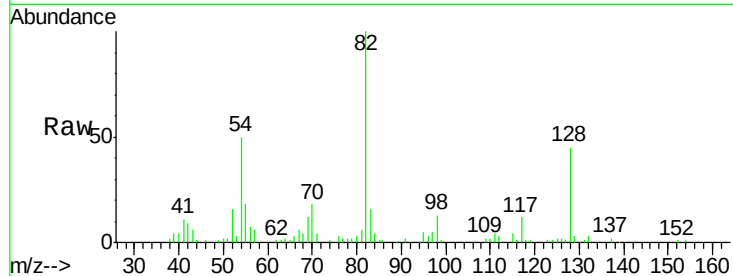




#23
Nitrobenzene-d5
Concen: 12.484 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

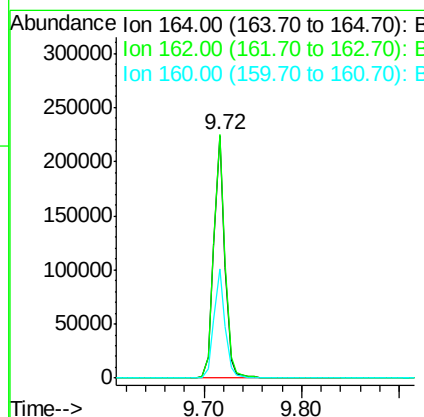
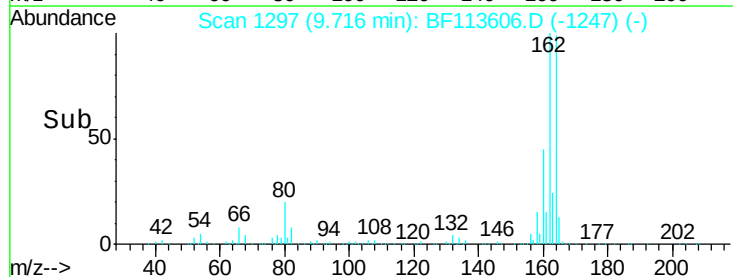
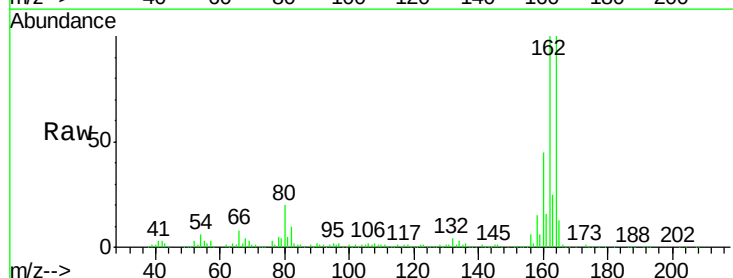
Instrument :
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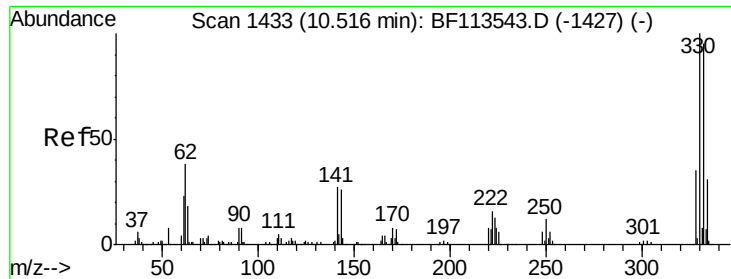
Tgt Ion: 82 Resp: 81977
Ion Ratio Lower Upper
82 100
128 44.9 36.5 54.7
54 49.9 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion: 164 Resp: 176828
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 45.1 36.4 54.6

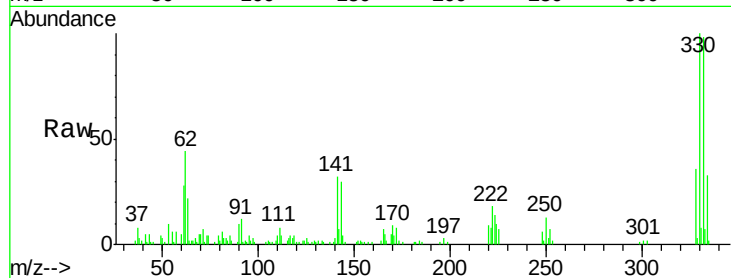




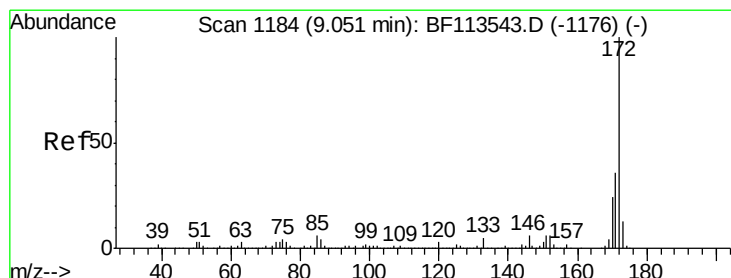
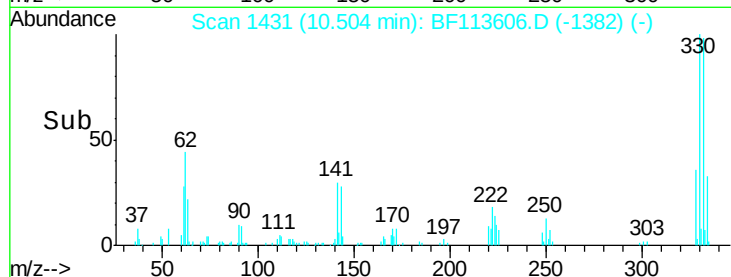
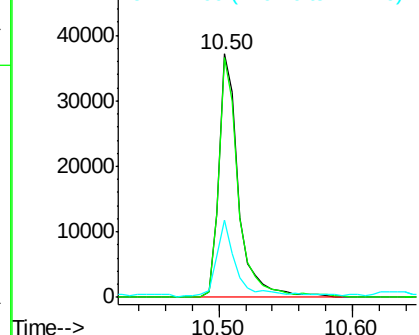
#42
 2,4,6-Tribromophenol
 Concen: 18.346 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-A

Tgt Ion:330 Resp: 38970
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 33.9 22.7 34.1

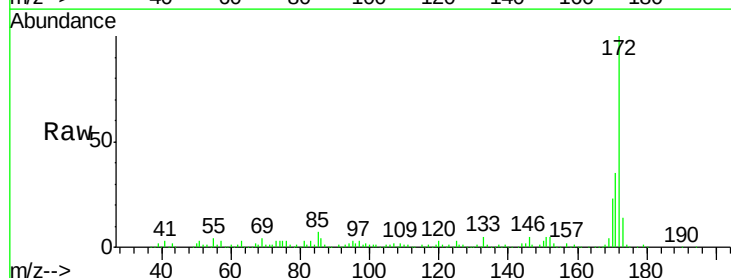


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

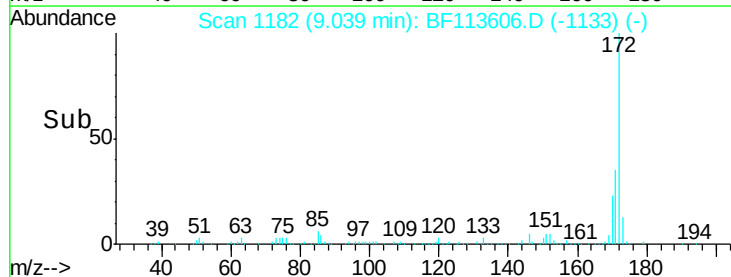
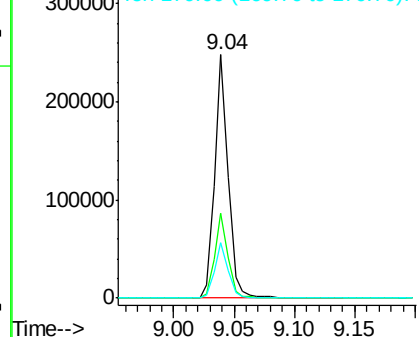


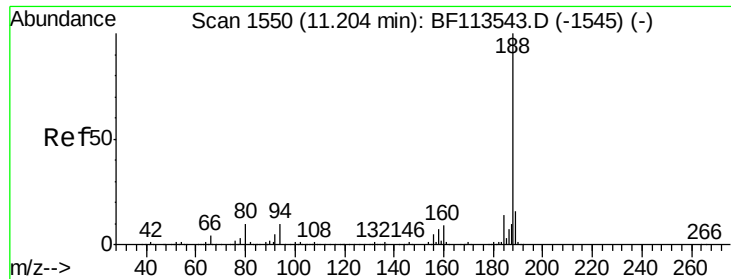
#45
 2-Fluorobiphenyl
 Concen: 17.326 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Tgt Ion:172 Resp: 190311
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 22.9 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

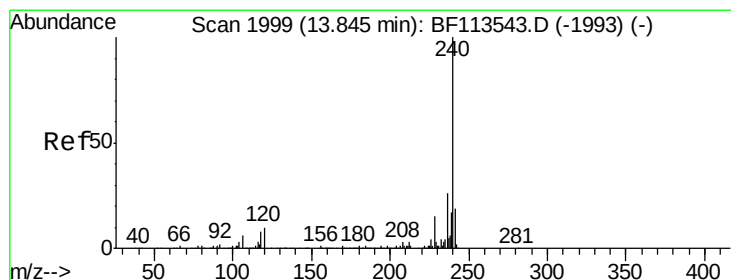
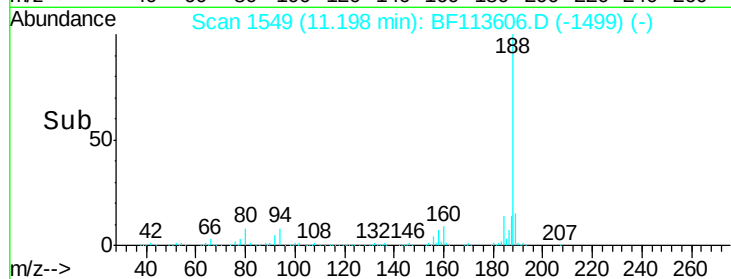
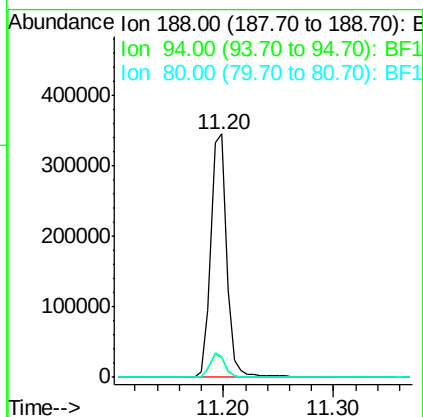
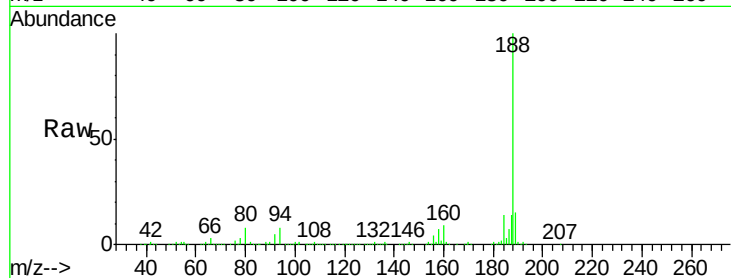




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

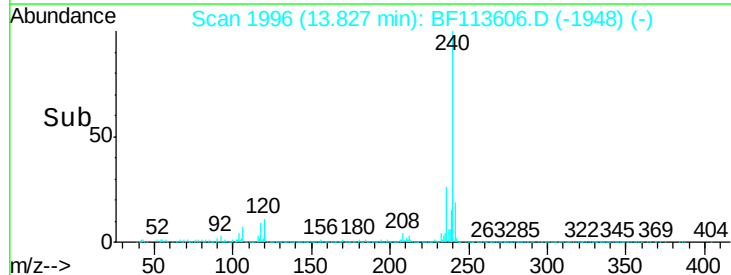
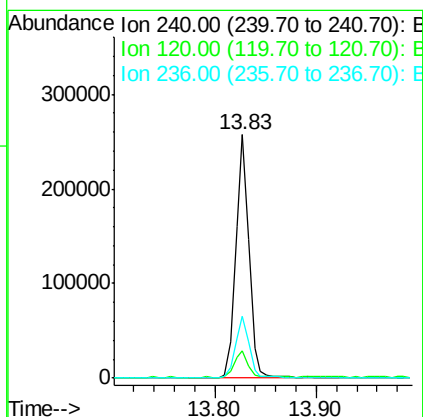
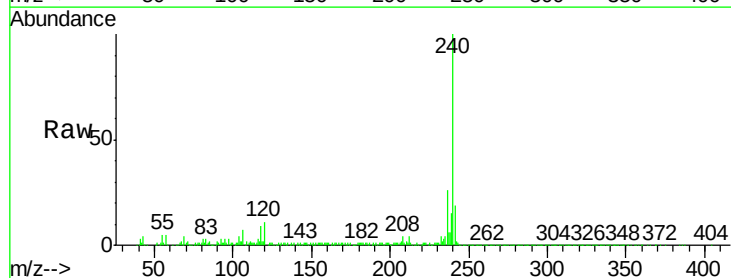
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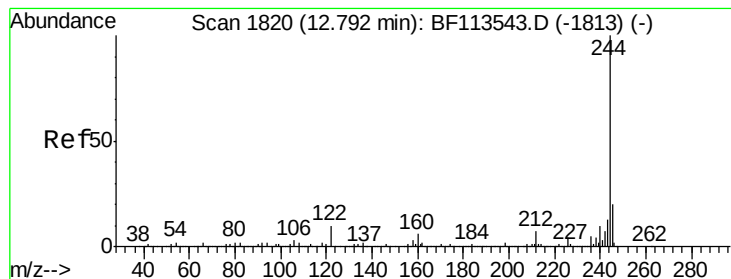
Tgt Ion:188 Resp: 339058
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion:240 Resp: 230417
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 16.097 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-A

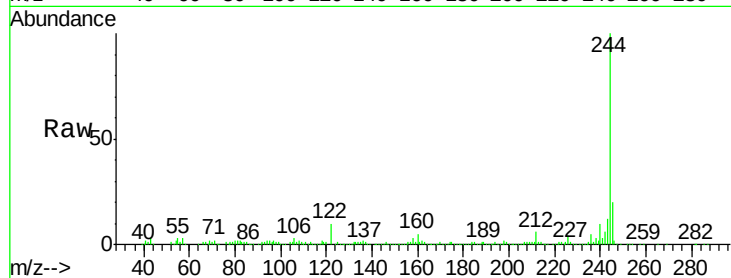
Tgt Ion:244 Resp: 182167

Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

122 9.6 8.6 13.0



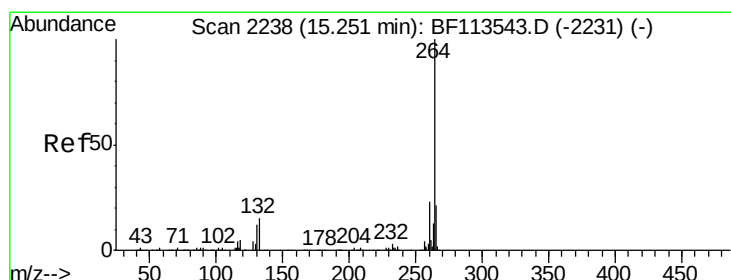
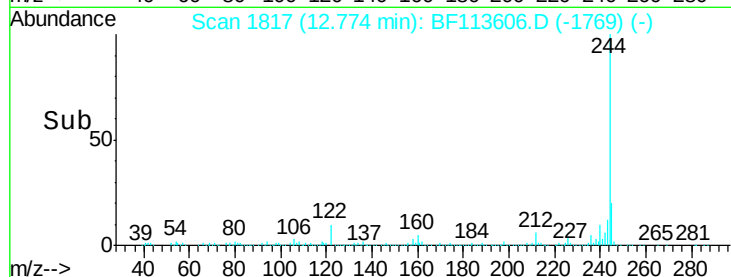
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77

Time--> 12.70 12.80



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

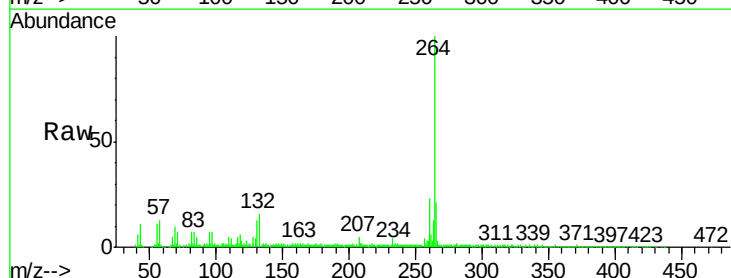
Tgt Ion:264 Resp: 188627

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.4 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

15.23

Time--> 15.20 15.30

