

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113799.D
 Acq On : 16 Apr 2019 17:53
 Operator : JU/SJ
 Sample : K2203-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-B

Quant Time: Apr 17 02:05:14 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	88472	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	318851	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	140409	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	237661	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	202007	20.00	ng	-0.02
87) Perylene-d12	15.24	264	250203	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	739611	142.55	ng	0.00
7) Phenol-d6	6.33	99	843663	131.93	ng	0.00
23) Nitrobenzene-d5	7.24	82	633297	116.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	254664	150.99	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1172595	134.45	ng	-0.02
79) Terphenyl-d14	12.77	244	976118	98.38	ng	-0.02

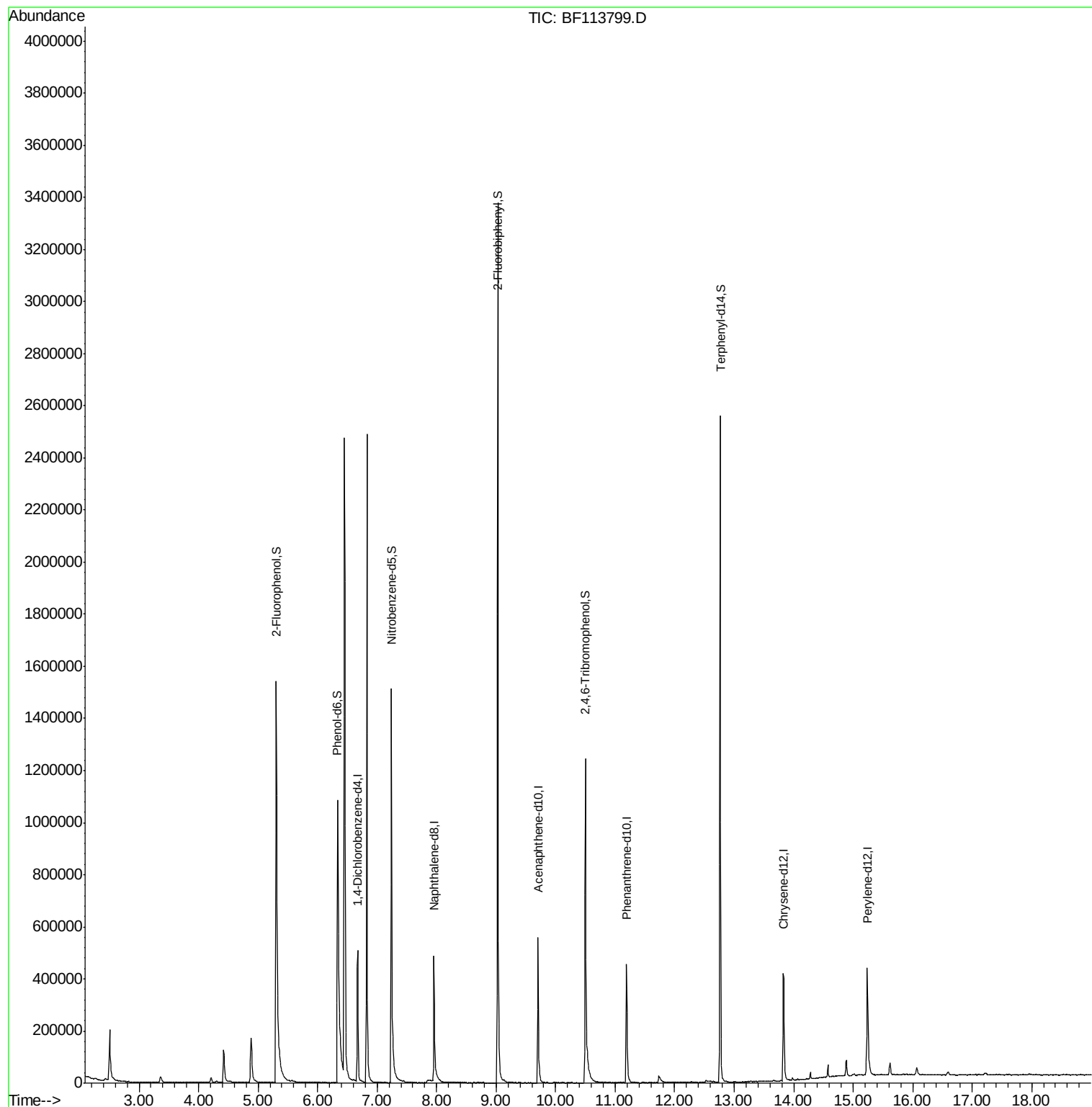
Target Compounds	Qvalue
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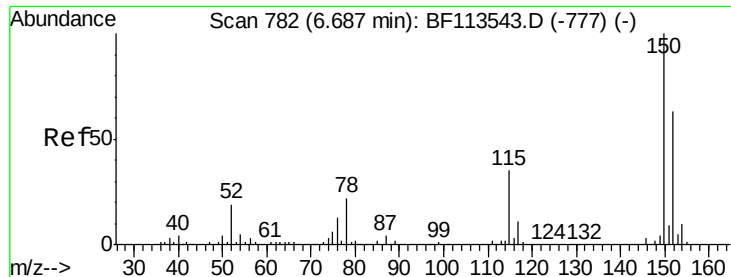
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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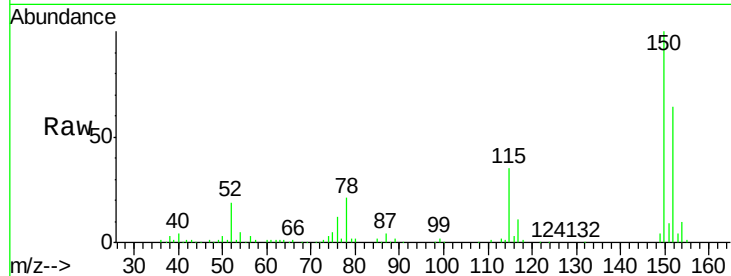


#1

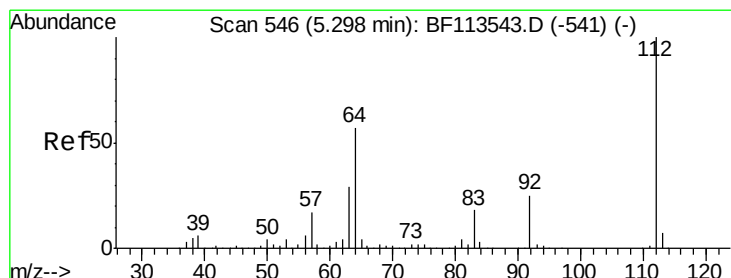
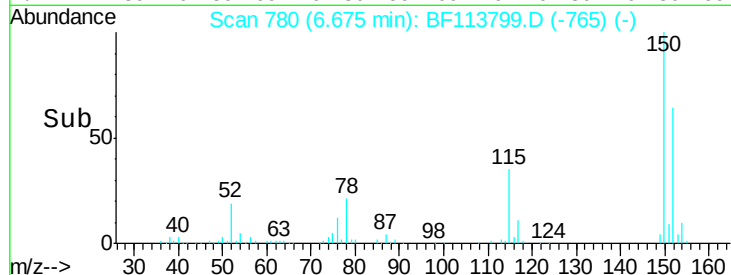
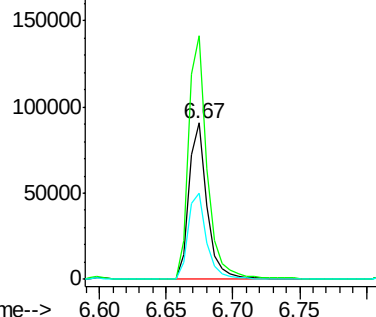
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-B

Tgt Ion:152 Resp: 88472
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 54.8 46.0 69.0



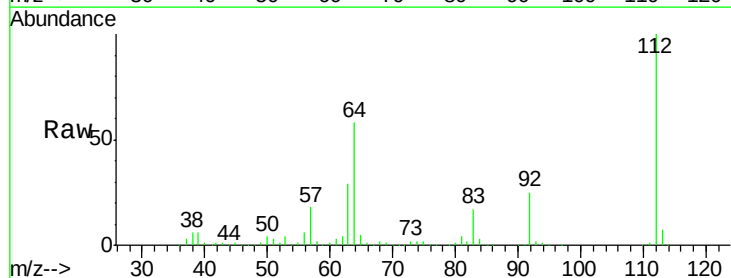
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



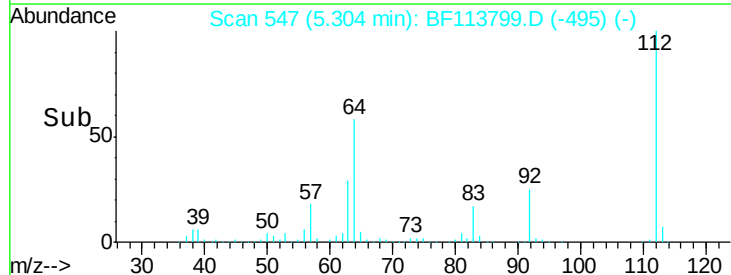
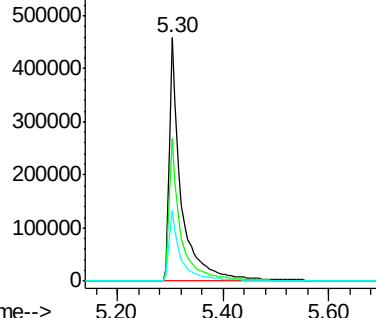
#5

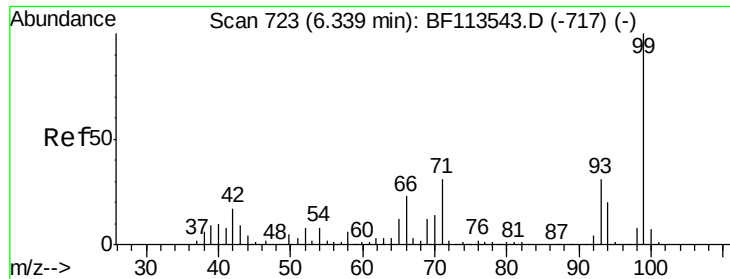
2-Fluorophenol
Concen: 142.554 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Tgt Ion:112 Resp: 739611
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 28.9 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: 131.934 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-B

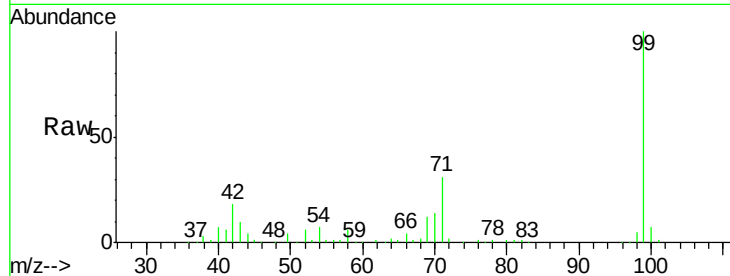
Tgt Ion: 99 Resp: 843663

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

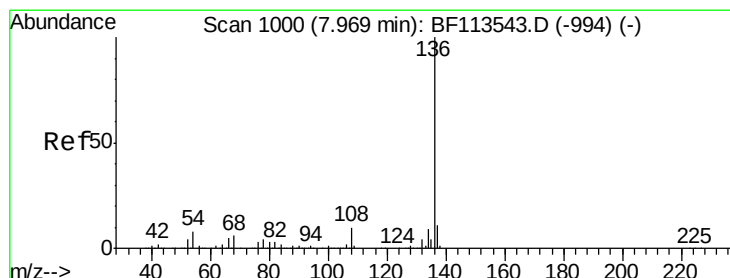
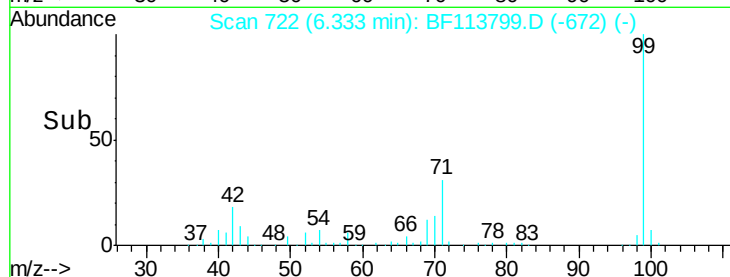
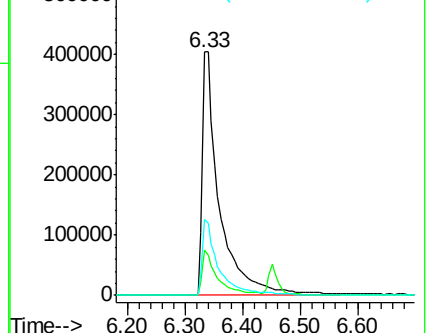
71 31.4 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Tgt Ion: 136 Resp: 318851

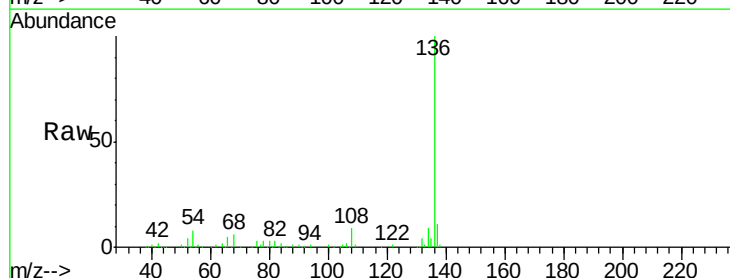
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

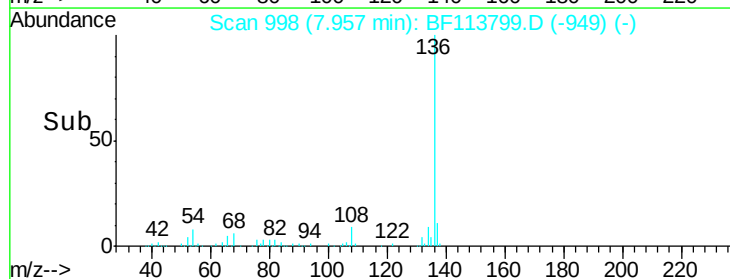
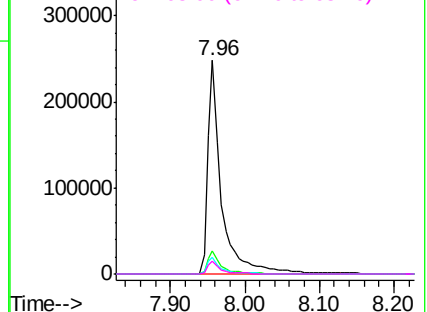


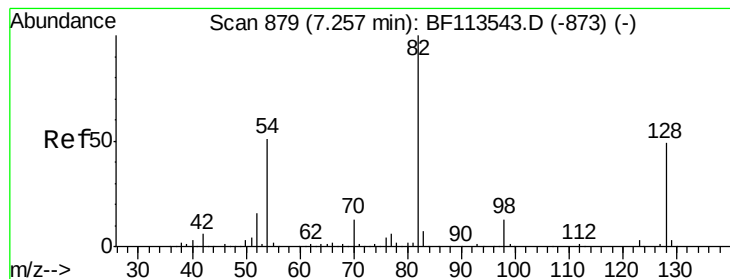
Abundance Ion 136.00 (135.70 to 136.70): E

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: 116.341 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-B

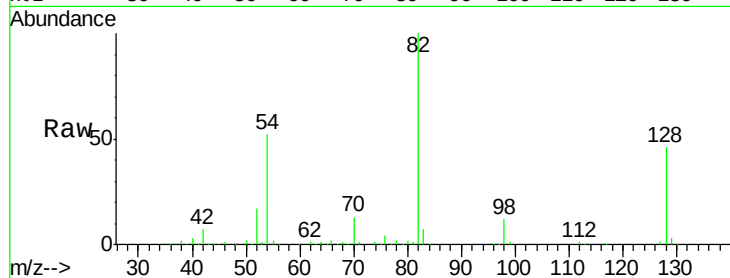
Tgt Ion: 82 Resp: 633297

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

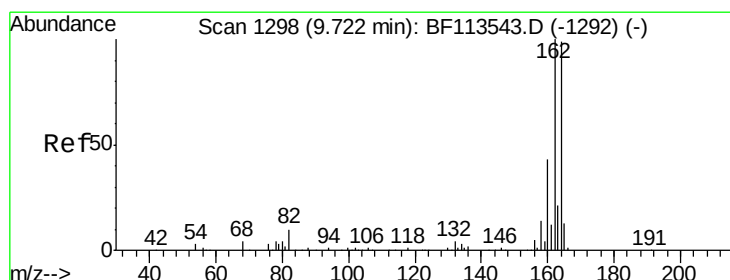
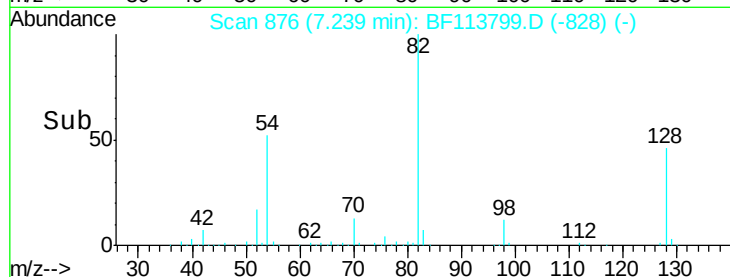
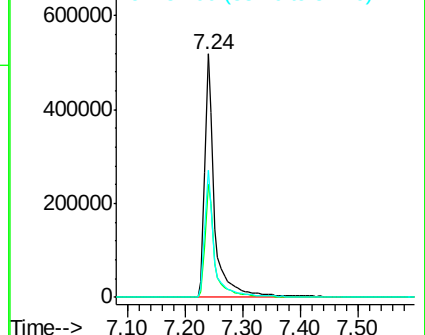
54 52.3 42.2 63.2



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: BF113799.D

Acq: 16 Apr 2019 17:53

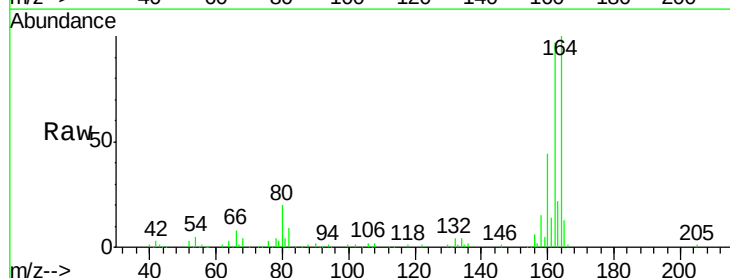
Tgt Ion: 164 Resp: 140409

Ion Ratio Lower Upper

164 100

162 97.2 81.8 122.6

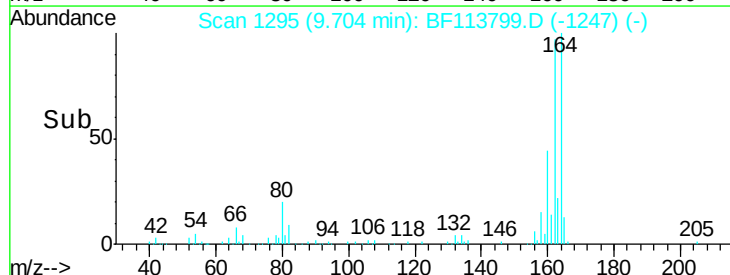
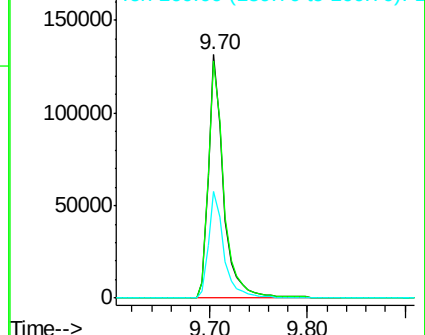
160 43.8 36.4 54.6

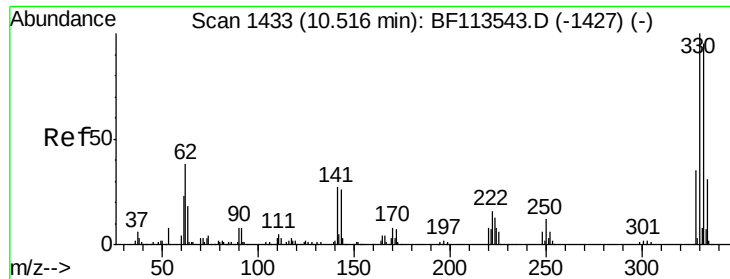


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

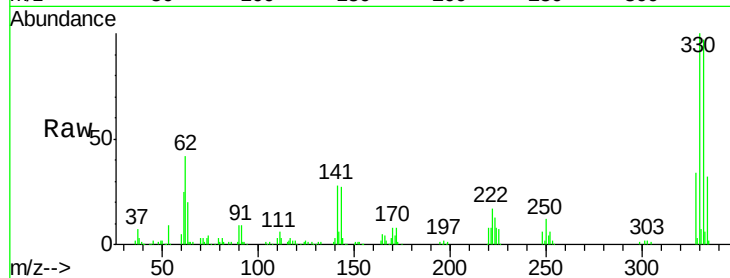




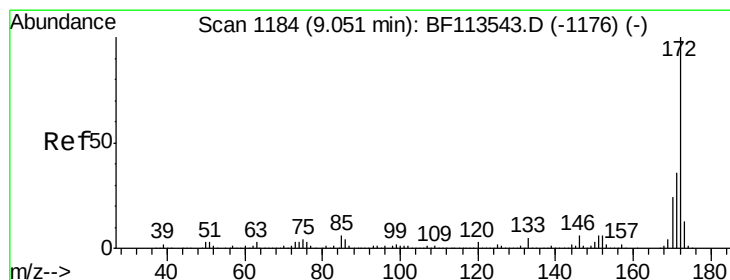
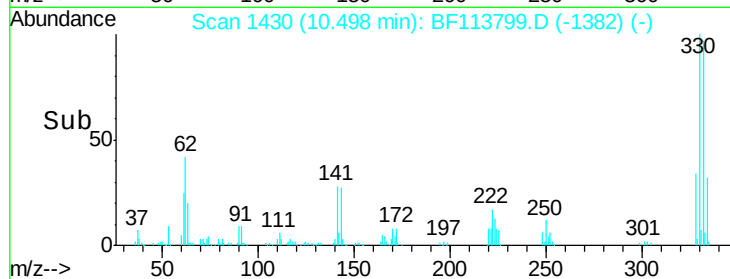
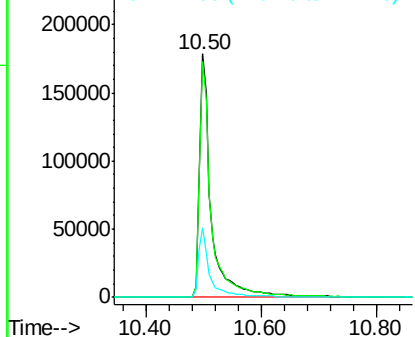
#42
 2,4,6-Tribromophenol
 Concen: 150.988 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-B

Tgt Ion:330 Resp: 254664
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 27.0 22.7 34.1

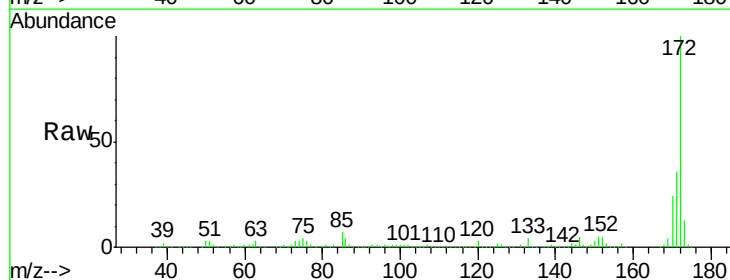


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

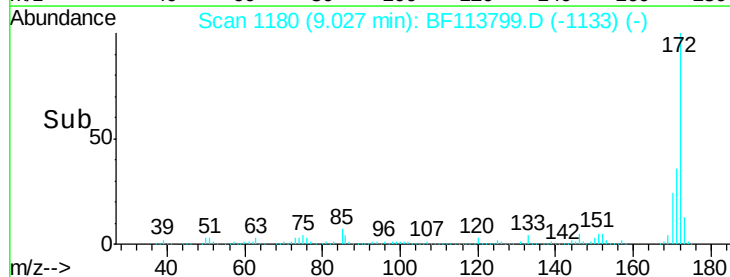
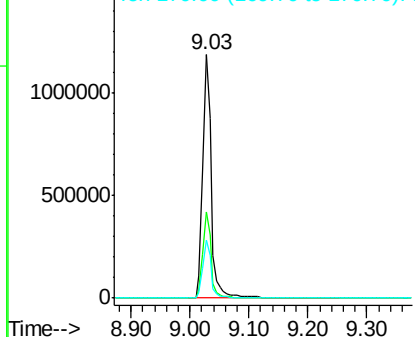


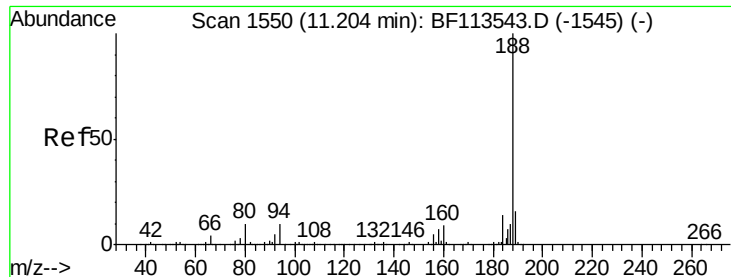
#45
 2-Fluorobiphenyl
 Concen: 134.447 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Tgt Ion:172 Resp: 1172595
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.9 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

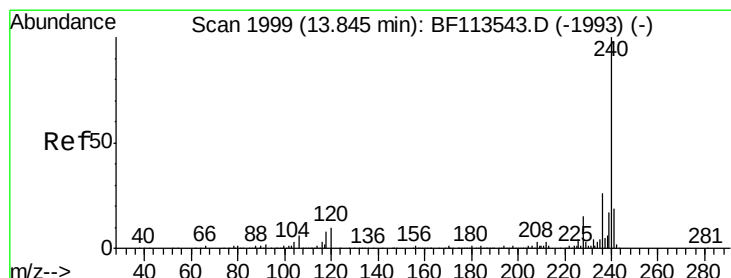
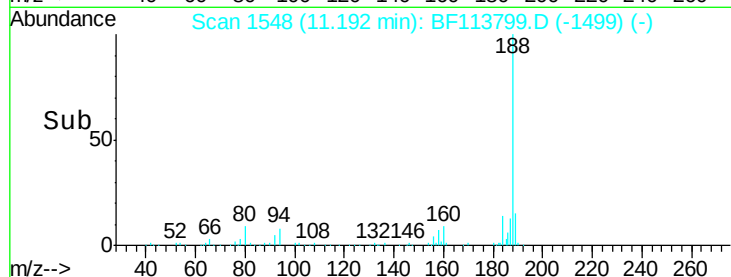
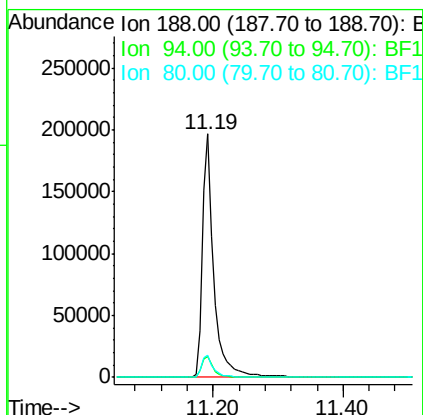
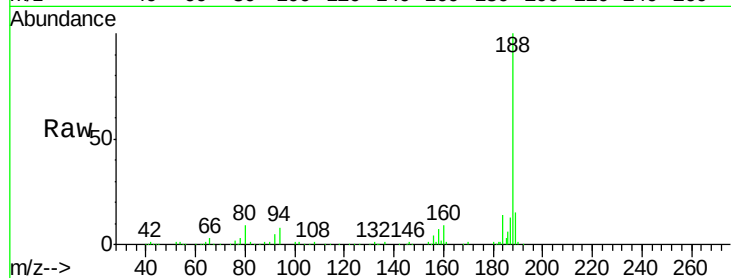




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

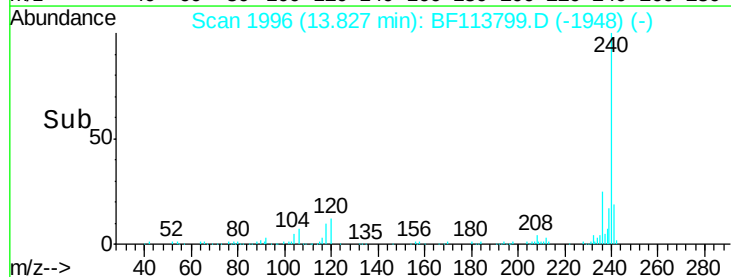
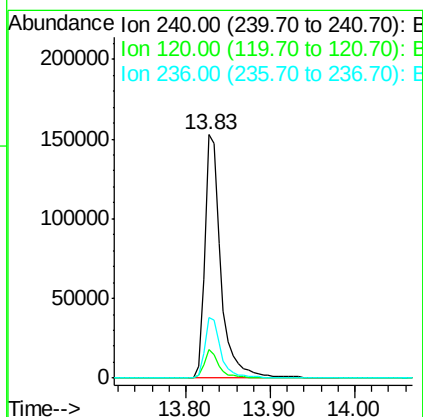
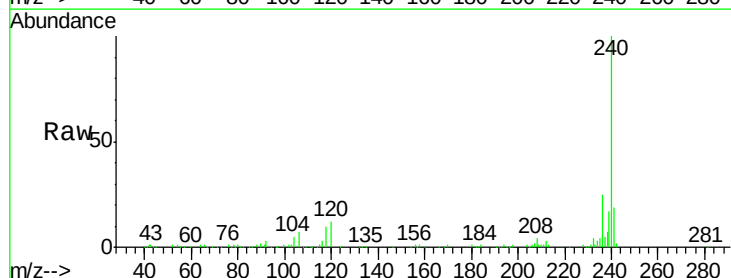
Instrument :
 BNA_F
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 SU-01-041519-B

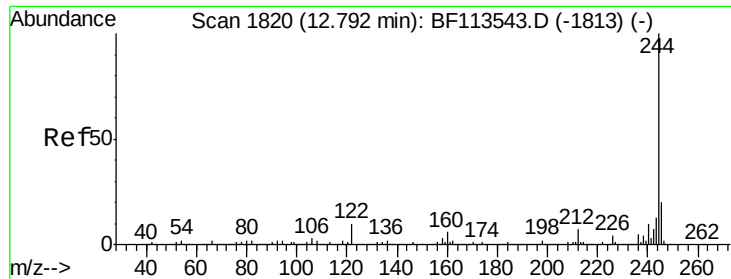
Tgt Ion:188 Resp: 237661
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.6
 80 8.9 7.7 11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Tgt Ion:240 Resp: 202007
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.8 13.2
 236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 98.382 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-B

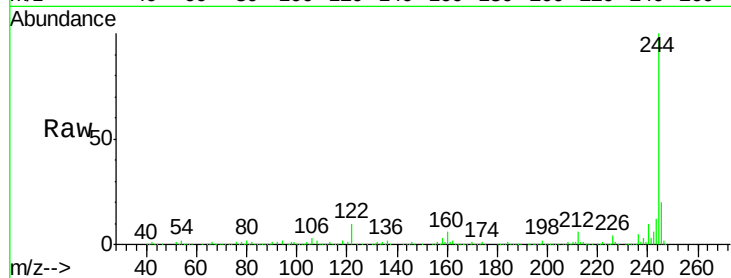
Tgt Ion:244 Resp: 976118

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

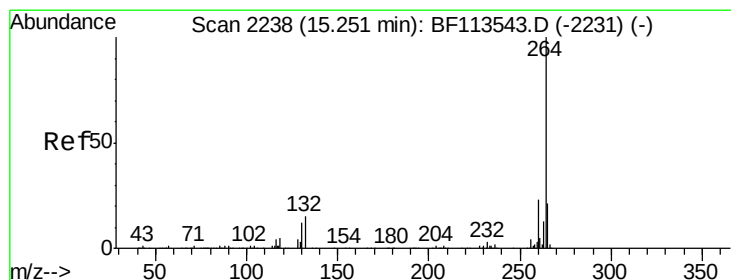
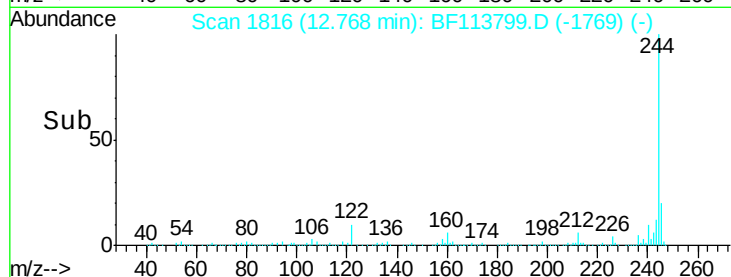
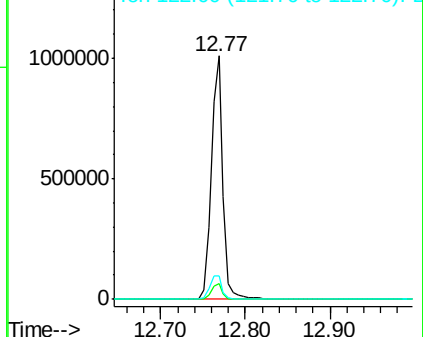
122 9.6 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

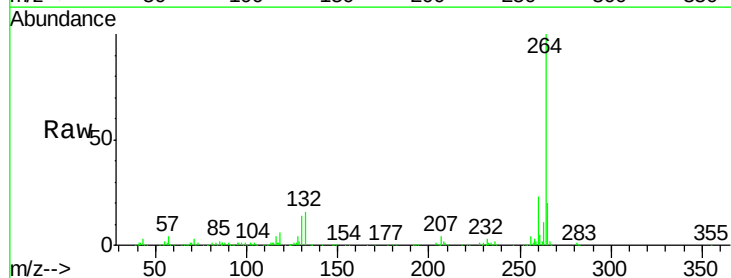
Tgt Ion:264 Resp: 250203

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.5 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

