

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115467.D
 Acq On : 10 Jul 2019 20:49
 Operator : HP/JU
 Sample : K3626-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-070919-A

Quant Time: Jul 11 04:18:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

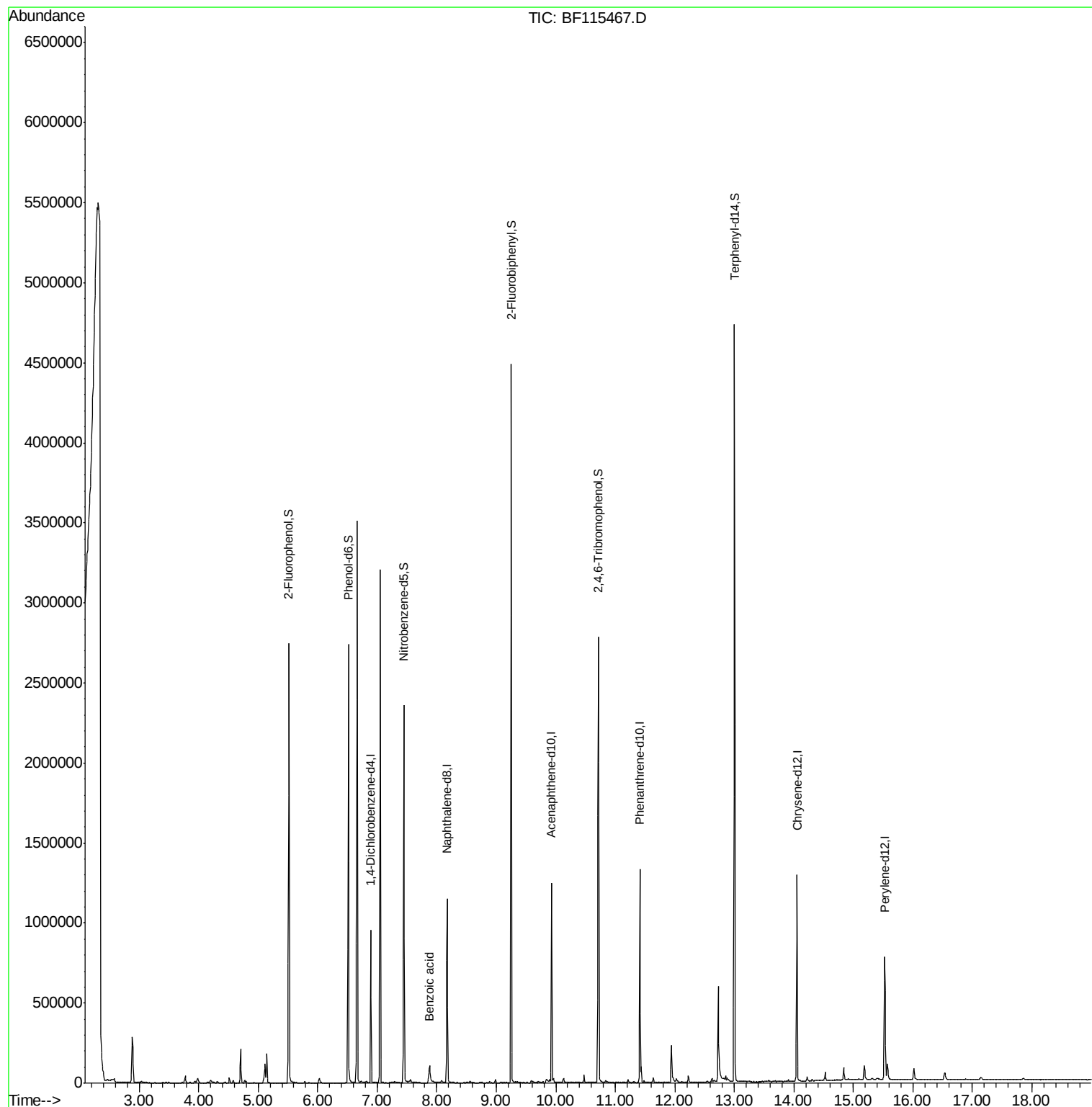
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123243	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471609	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	242139	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	489258	20.00	ng	0.00
76) Chrysene-d12	14.05	240	390372	20.00	ng	-0.02
87) Perylene-d12	15.53	264	361567	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	833955	104.55	ng	0.00
7) Phenol-d6	6.52	99	957283	94.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	759106	95.10	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	361224	134.92	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1366133	99.00	ng	0.00
79) Terphenyl-d14	13.00	244	1711136	89.75	ng	0.00
Target Compounds						
32) Benzoic acid	7.88	122	41087	13.018	ng	Qvalue 97

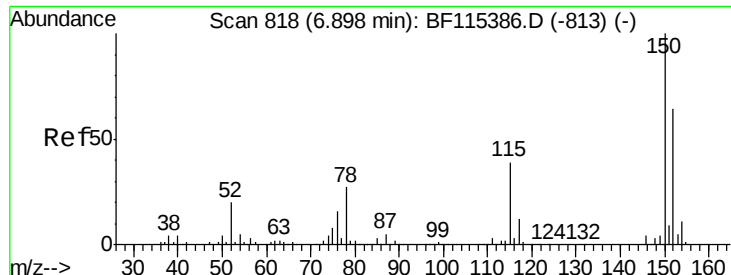
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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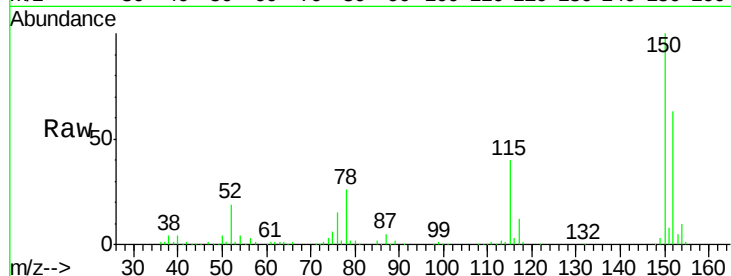


#1

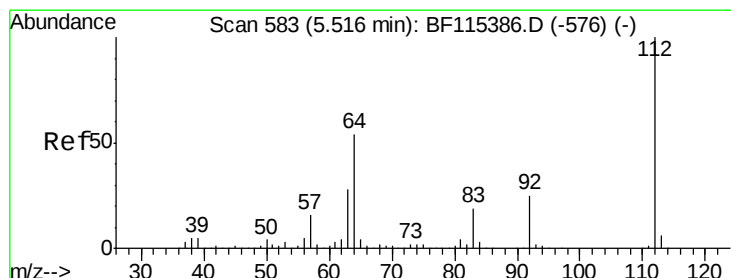
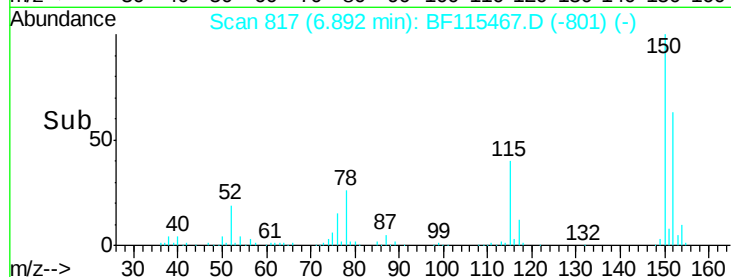
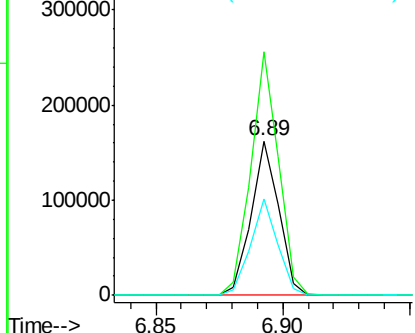
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Instrument :
BNA_F
ClientSampleId :
SU-02-070919-A

Tgt Ion:152 Resp: 123243
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 62.5 46.2 69.4



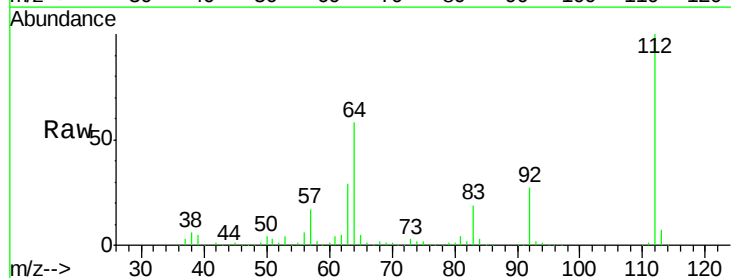
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



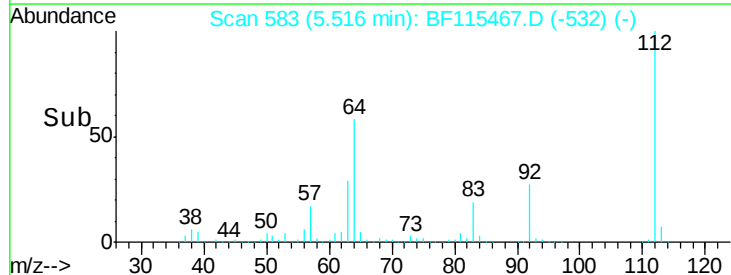
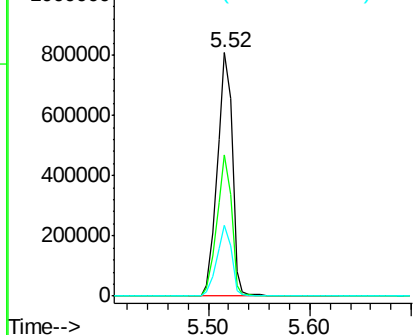
#5

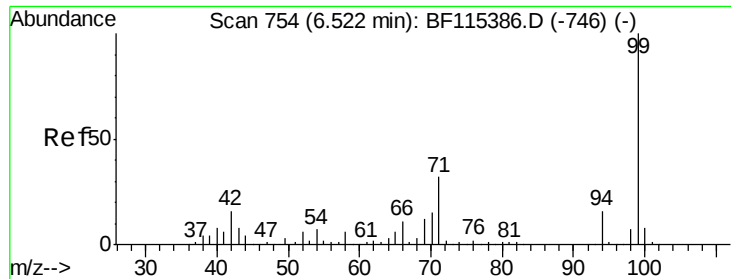
2-Fluorophenol
Concen: 104.548 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Tgt Ion:112 Resp: 833955
Ion Ratio Lower Upper
112 100
64 58.1 44.2 66.2
63 29.2 22.1 33.1



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: 94.362 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115467.D

Acq: 10 Jul 2019 20:49

Instrument :

BNA_F

ClientSampleId :

SU-02-070919-A

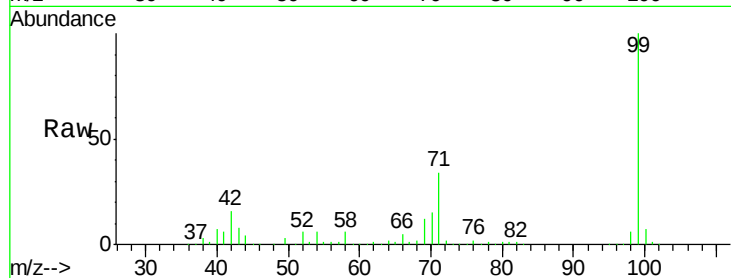
Tgt Ion: 99 Resp: 957283

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

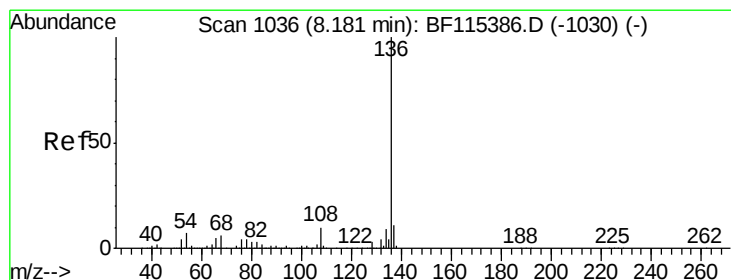
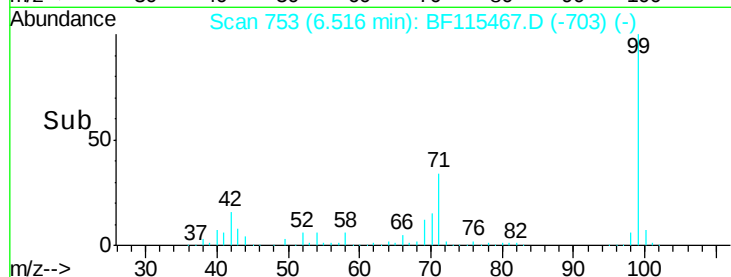
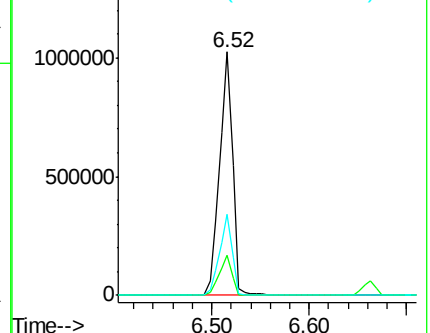
71 33.5 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115467.D

Acq: 10 Jul 2019 20:49

Tgt Ion: 136 Resp: 471609

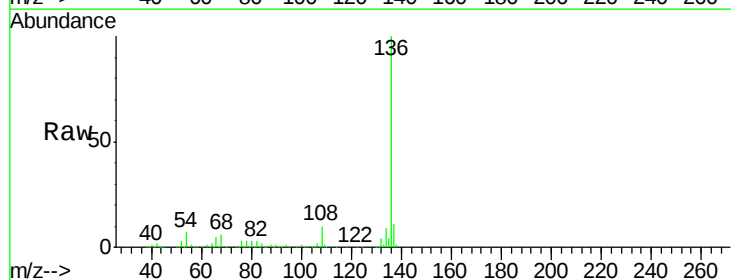
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.9 5.4 8.0

68 6.0 4.8 7.2

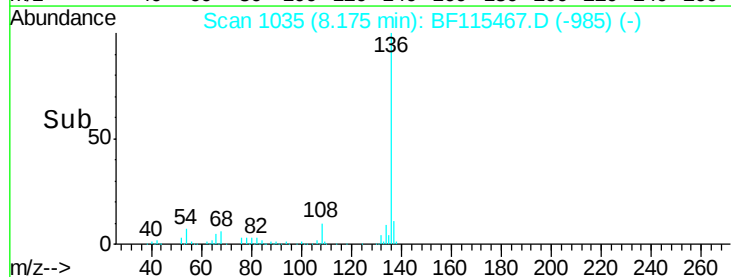
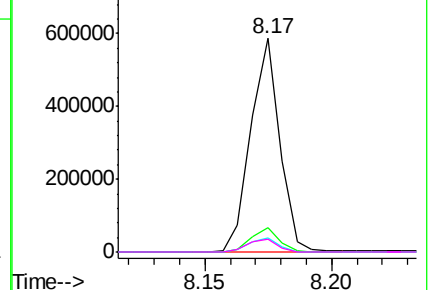


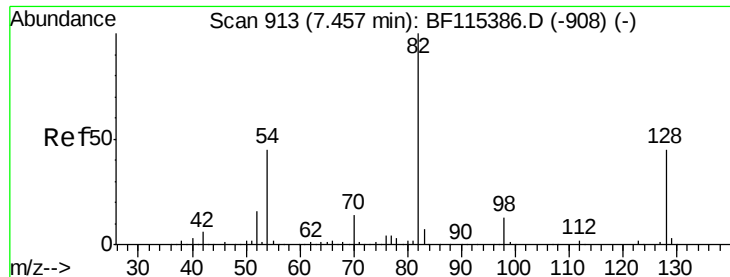
Abundance Ion 136.00 (135.70 to 136.70): E

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

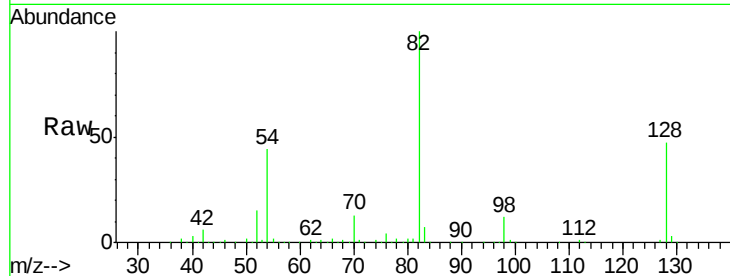




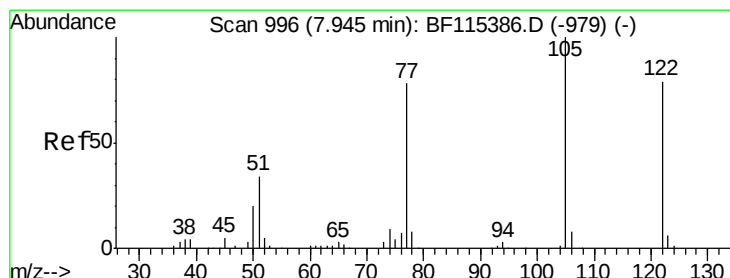
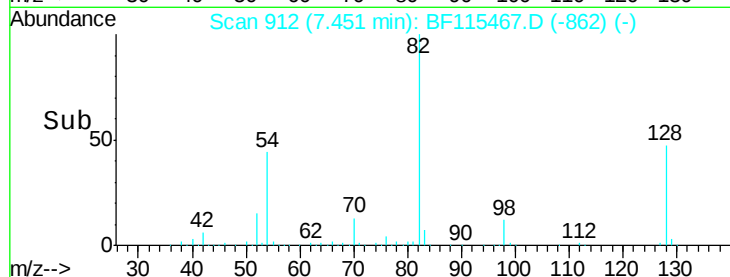
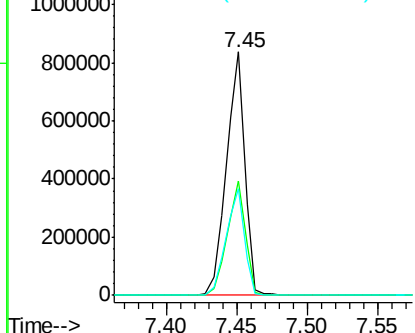
#23
 Nitrobenzene-d5
 Concen: 95.101 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115467.D
 Acq: 10 Jul 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-070919-A

Tgt Ion: 82 Resp: 759106
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.7 55.1
 54 43.6 35.6 53.4

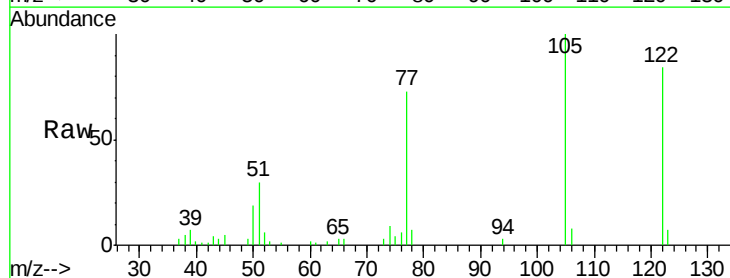


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

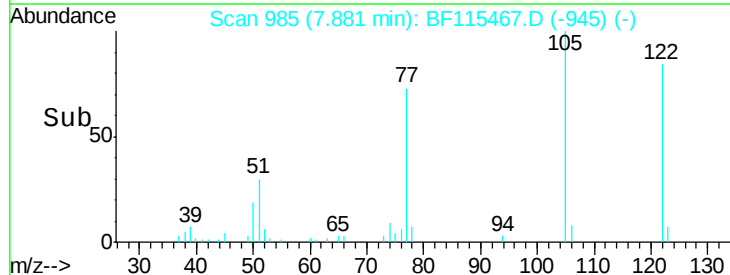
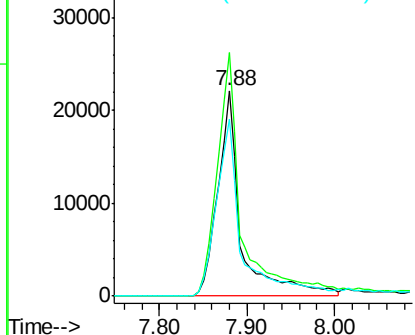


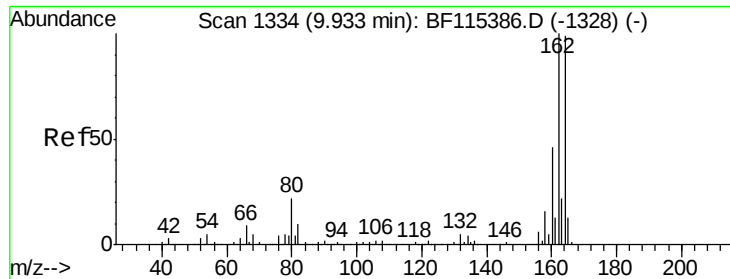
#32
 Benzoic acid
 Concen: 13.018 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF115467.D
 Acq: 10 Jul 2019 20:49

Tgt Ion: 122 Resp: 41087
 Ion Ratio Lower Upper
 122 100
 105 118.4 101.6 141.6
 77 86.3 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

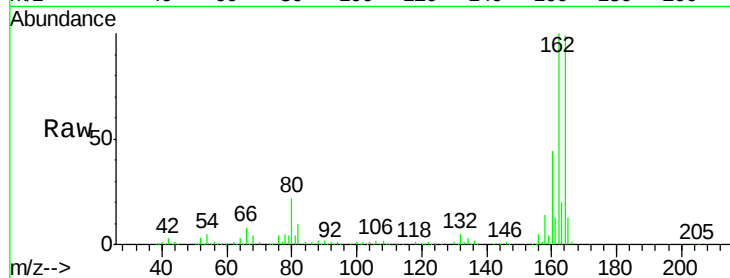




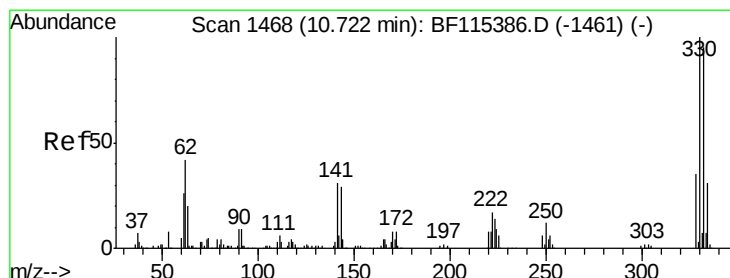
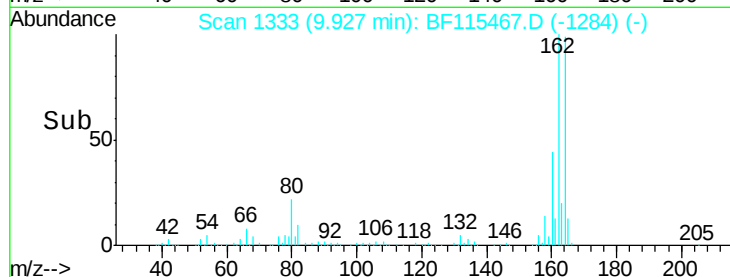
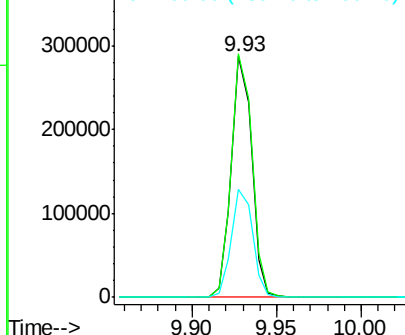
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Instrument :
BNA_F
ClientSampleId :
SU-02-070919-A

Tgt Ion:164 Resp: 242139
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 45.0 37.2 55.8

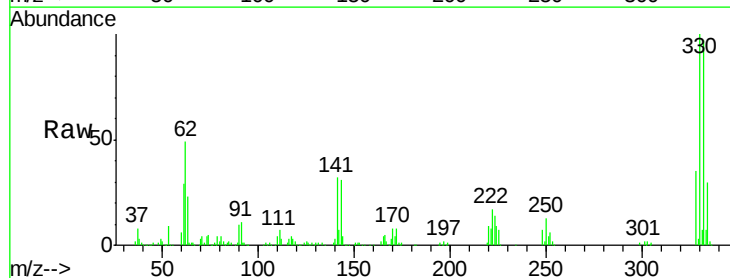


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

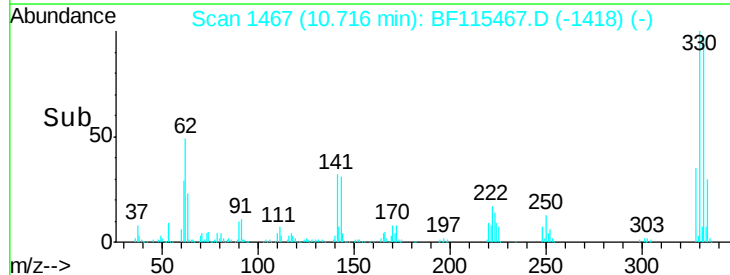
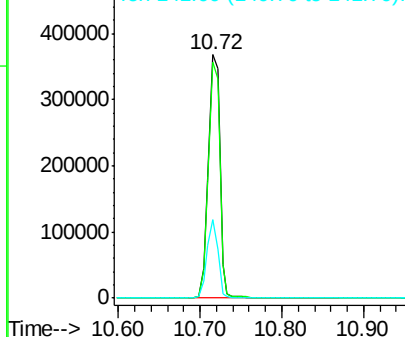


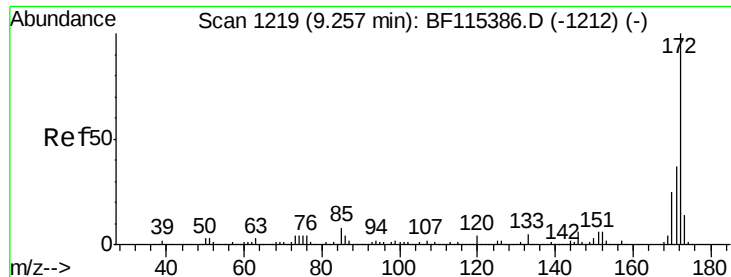
#42
2,4,6-Tribromophenol
Concen: 134.923 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Tgt Ion:330 Resp: 361224
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.6 24.7 37.1



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

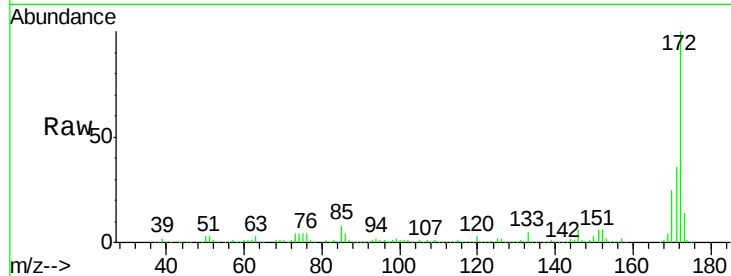




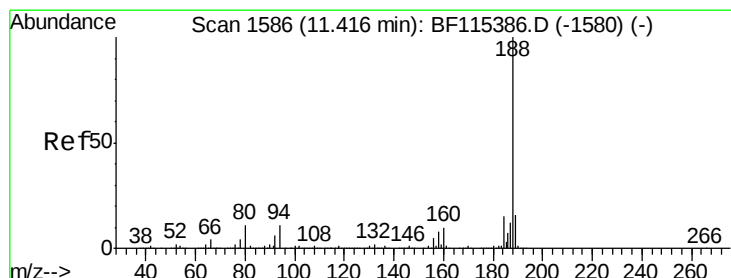
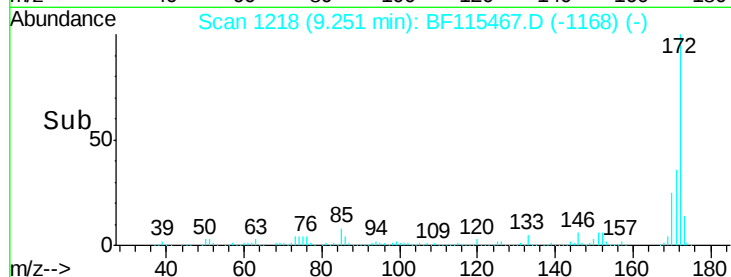
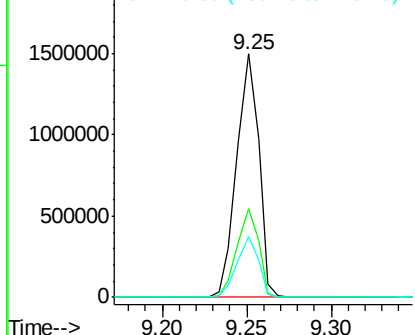
#45
 2-Fluorobiphenyl
 Concen: 99.002 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115467.D
 Acq: 10 Jul 2019 20:49

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 BNA_F
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 SU-02-070919-A

Tgt Ion:172 Resp: 1366133
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.8
 170 25.0 20.0 30.0

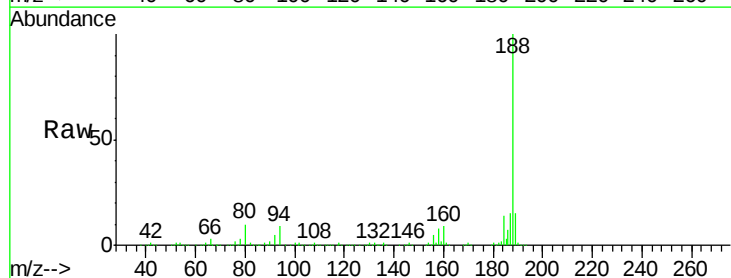


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

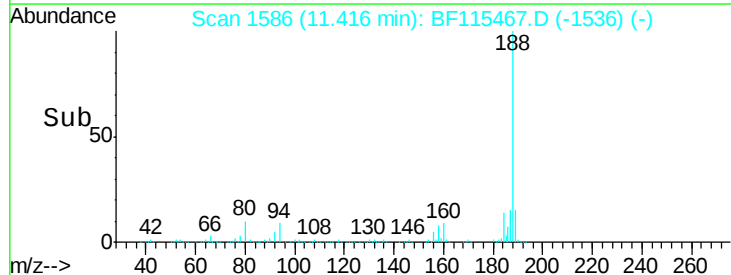
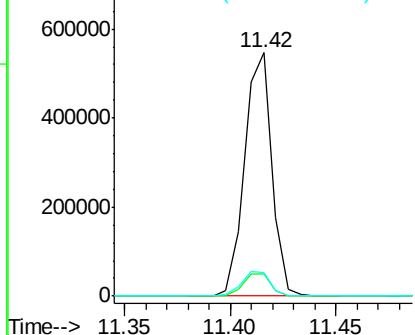


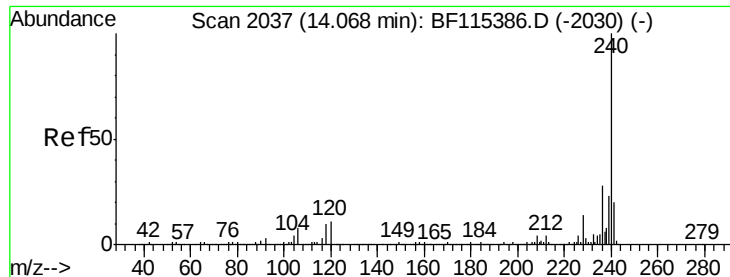
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115467.D
 Acq: 10 Jul 2019 20:49

Tgt Ion:188 Resp: 489258
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.8 11.8
 80 9.7 8.4 12.6



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

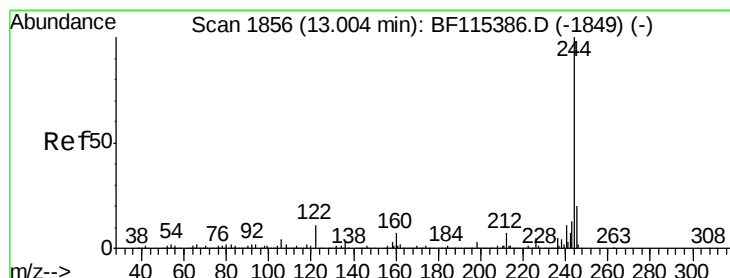
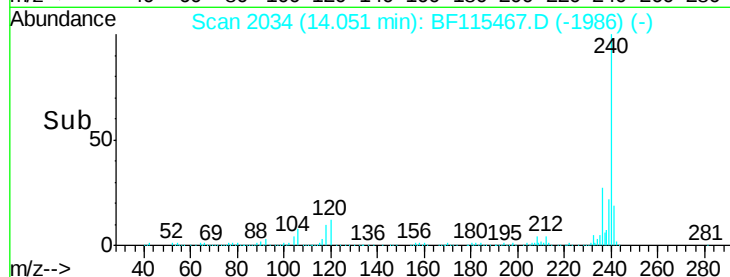
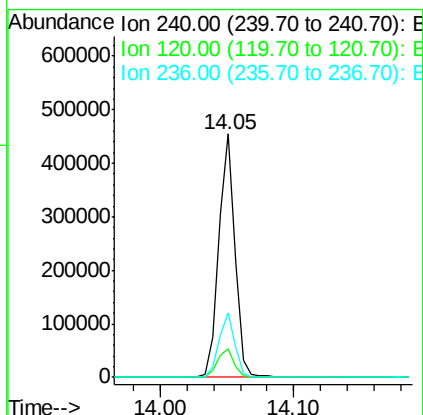
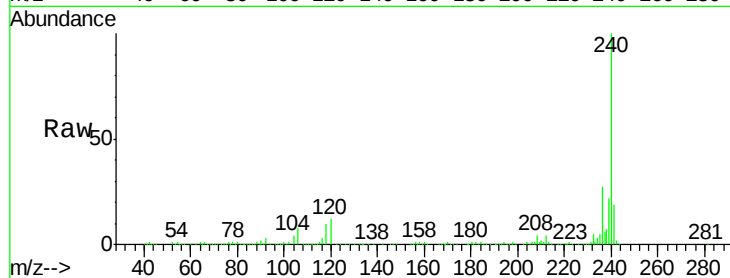




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

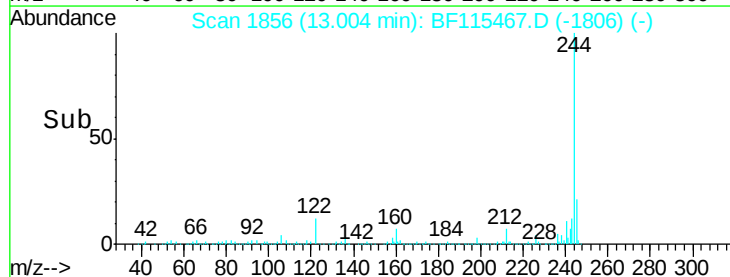
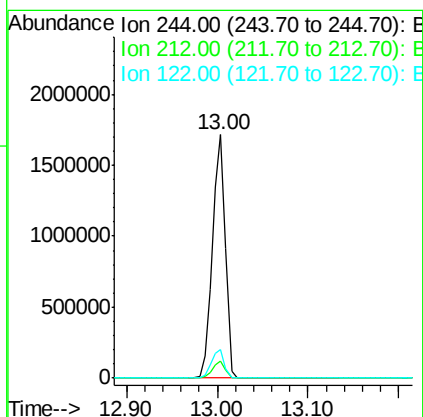
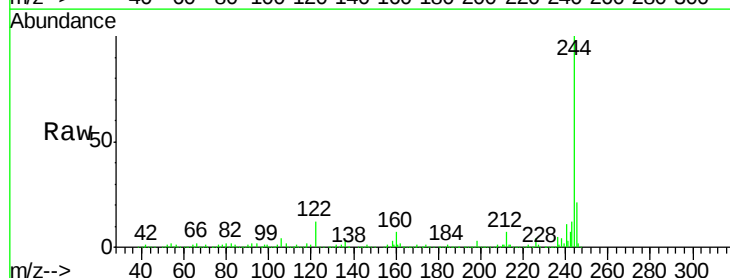
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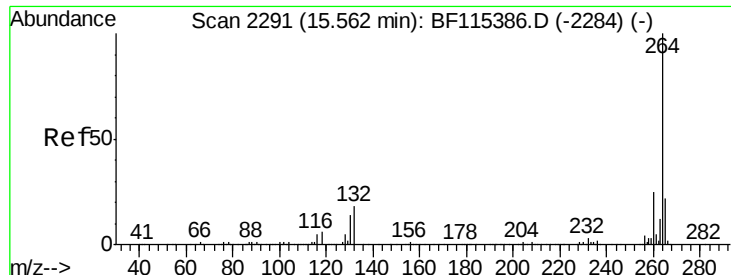
Tgt Ion:240 Resp: 390372
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 26.5 21.1 31.7



#79
Terphenyl-d14
Concen: 89.749 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Tgt Ion:244 Resp: 1711136
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.5 9.1 13.7

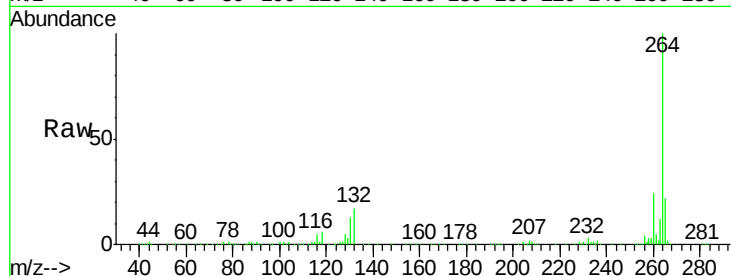




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115467.D
Acq: 10 Jul 2019 20:49

Instrument :
BNA_F
ClientSampleId :
SU-02-070919-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.6	17.8	26.6



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

