

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115804.D
 Acq On : 26 Jul 2019 23:10
 Operator : HP/JU
 Sample : K3626-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-B

Quant Time: Jul 27 02:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

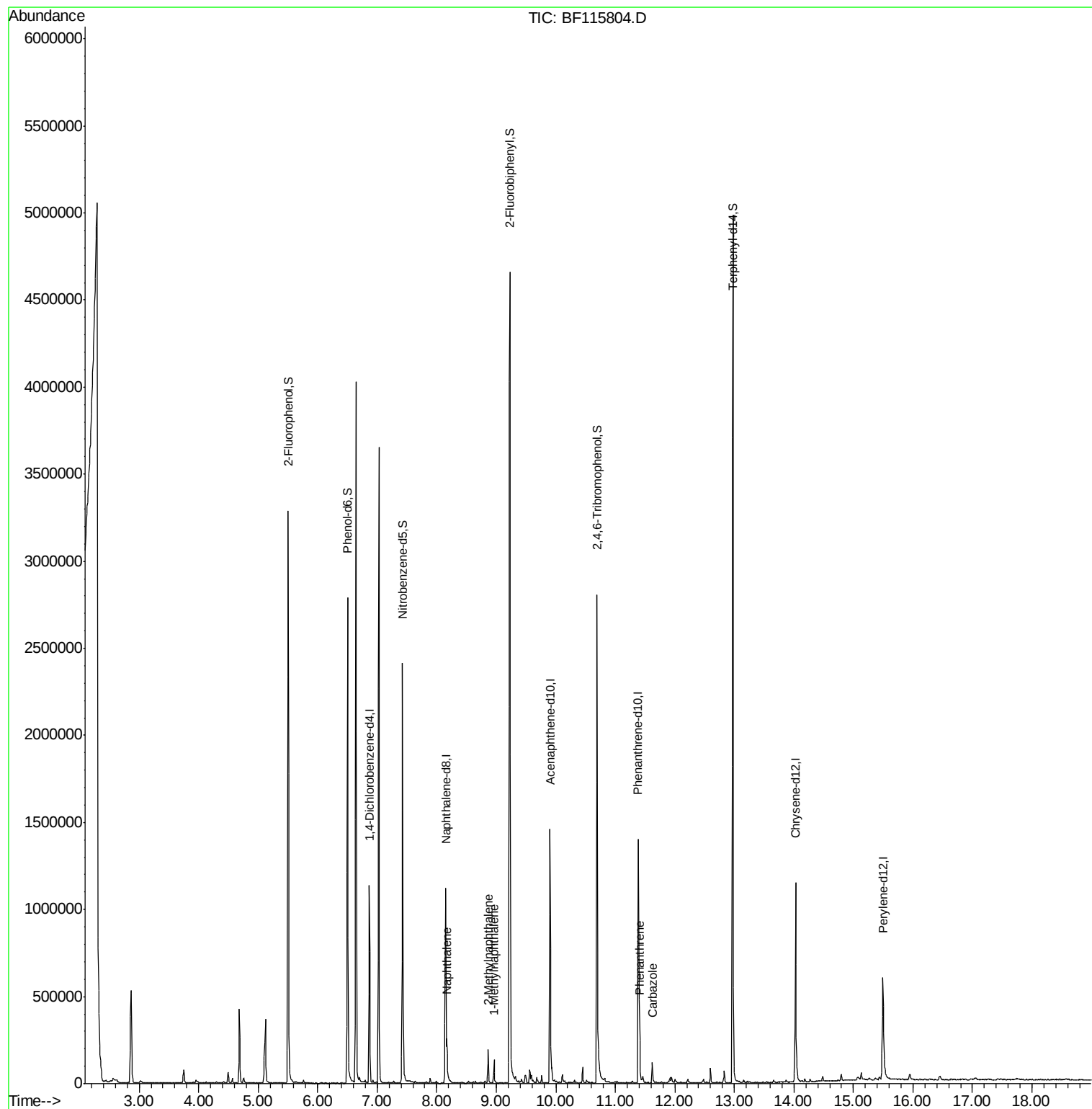
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155746	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	587987	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	324066	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	586091	20.00	ng	0.00
76) Chrysene-d12	14.03	240	441629	20.00	ng	0.00
87) Perylene-d12	15.50	264	396287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	970821	101.96	ng	0.01
7) Phenol-d6	6.50	99	1062936	87.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	985174	97.42	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	461114	121.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1782726	96.29	ng	0.00
79) Terphenyl-d14	12.97	244	2062385	86.17	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	94494	3.318	ng	100
37) 2-Methylnaphthalene	8.86	142	56404	2.988	ng	96
38) 1-Methylnaphthalene	8.96	142	43301	2.415	ng	98
71) Phenanthrene	11.41	178	77315	2.574	ng	97
73) Carbazole	11.62	167	64335	2.363	ng	99

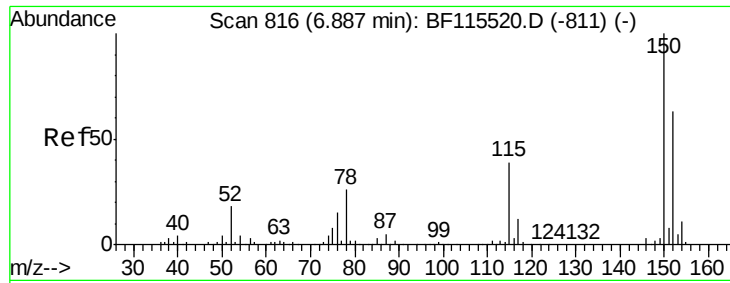
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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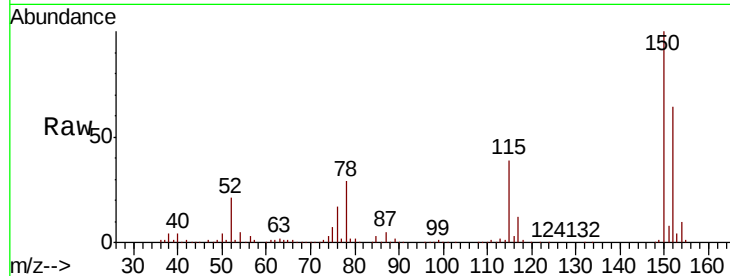


#1

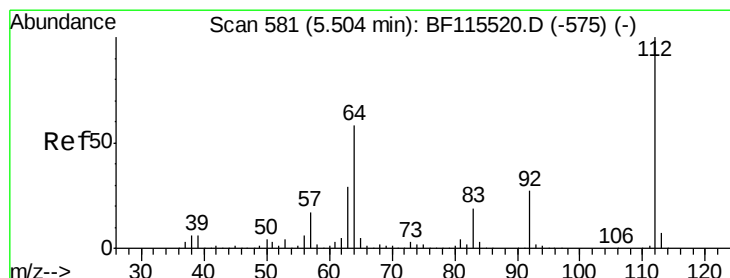
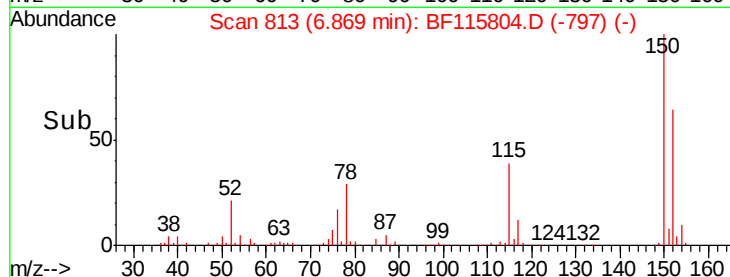
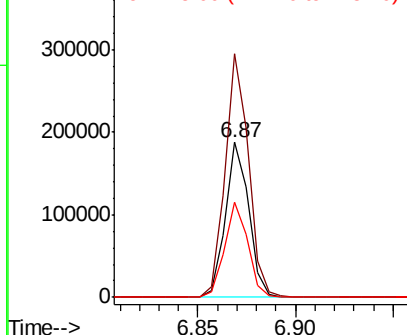
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

Instrument :
BNA_F
ClientSampleId :
SU-01-072519-B

Tot Ion:152 Resp: 155746
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 61.5 47.8 71.6



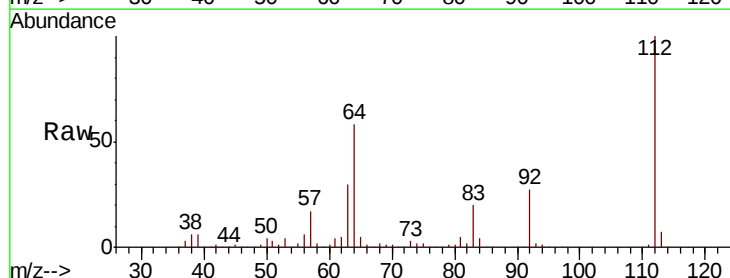
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



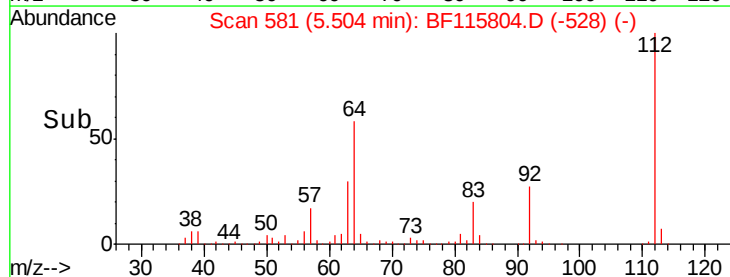
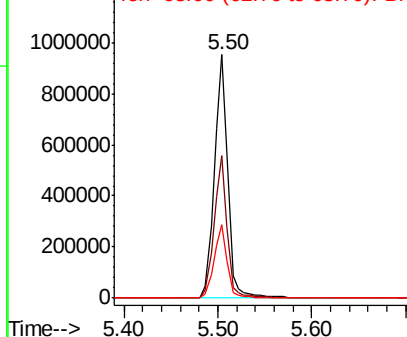
#5

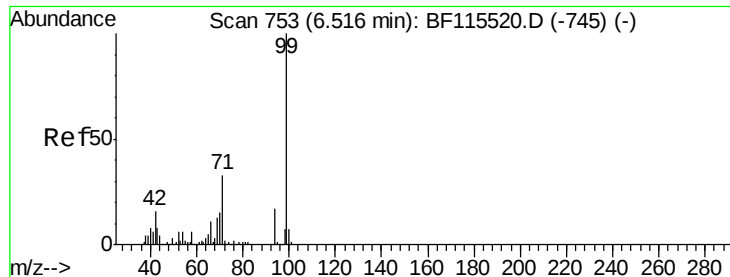
2-Fluorophenol
Concen: 101.960 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

Tgt Ion:112 Resp: 970821
Ion Ratio Lower Upper
112 100
64 58.4 45.8 68.8
63 30.1 23.6 35.4



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: 87.978 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115804.D

Acq: 26 Jul 2019 23:10

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-B

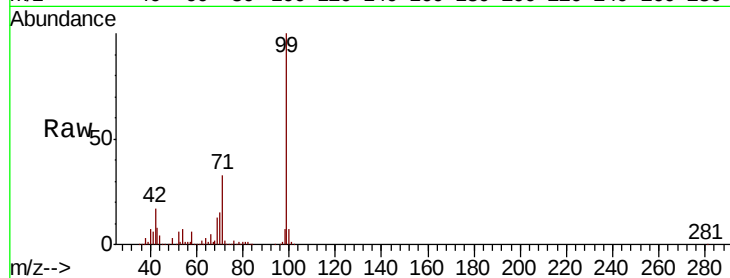
Tot Ion: 99 Resp: 1062936

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.2

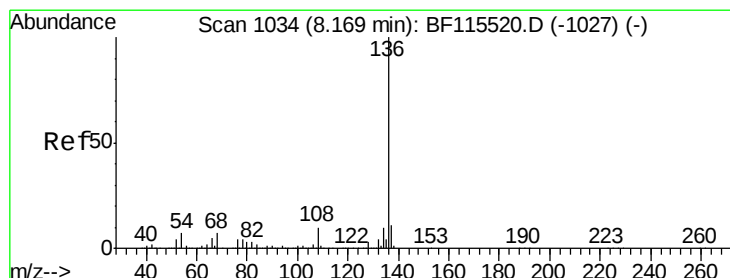
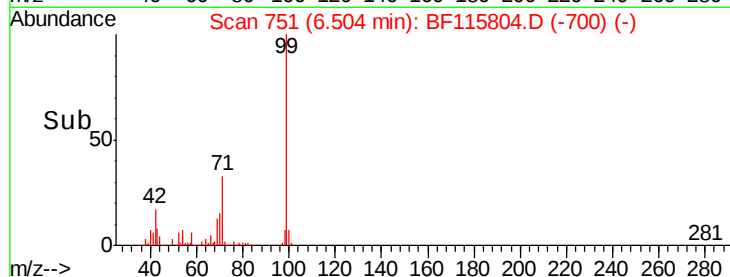
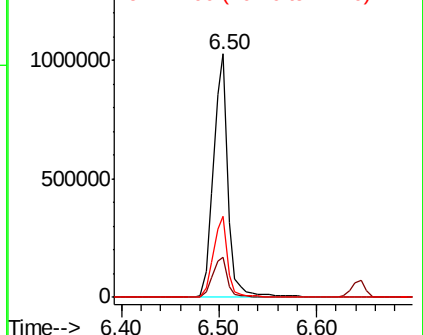
71 33.0 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115804.D

Acq: 26 Jul 2019 23:10

Tgt Ion: 136 Resp: 587987

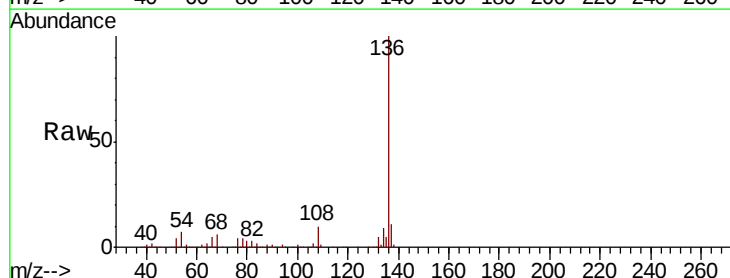
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 5.0 7.6

68 6.1 4.7 7.1

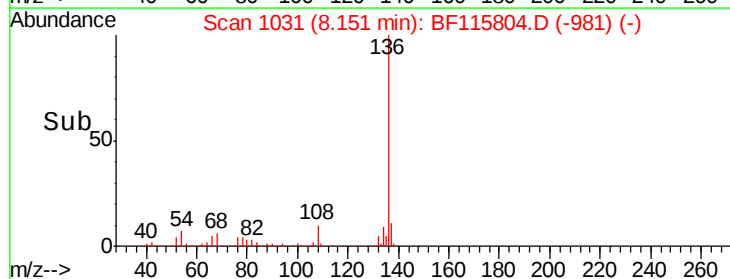
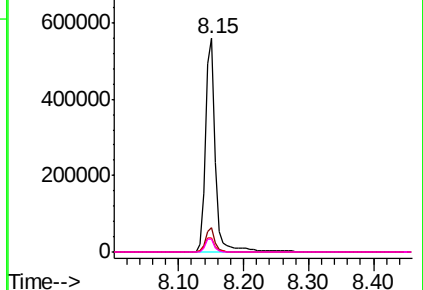


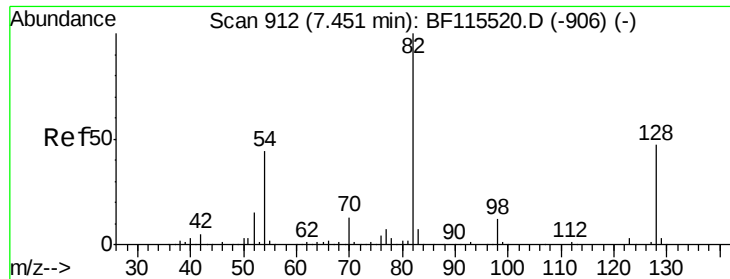
Abundance Ion 136.00 (135.70 to 136.70): E

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

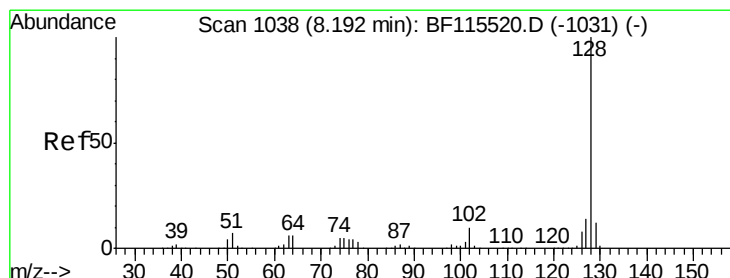
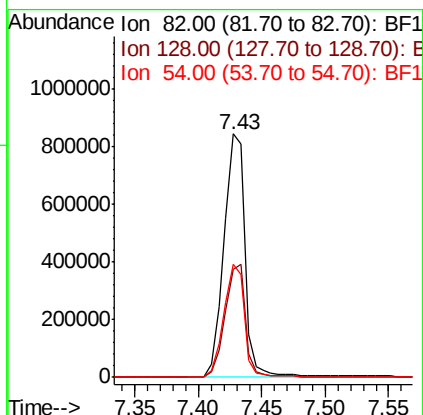
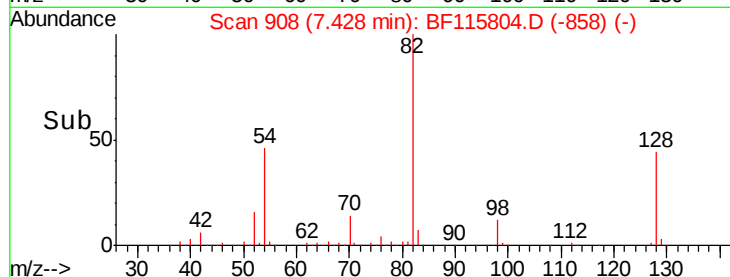
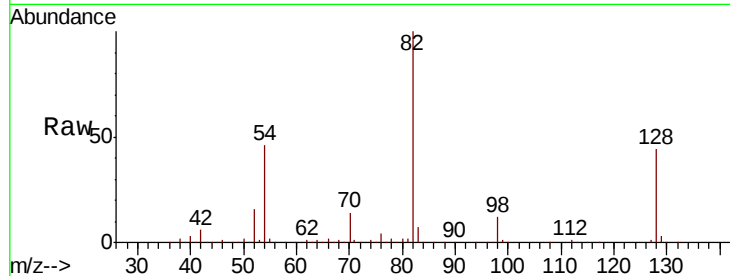




#23
 Nitrobenzene-d5
 Concen: 97.425 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

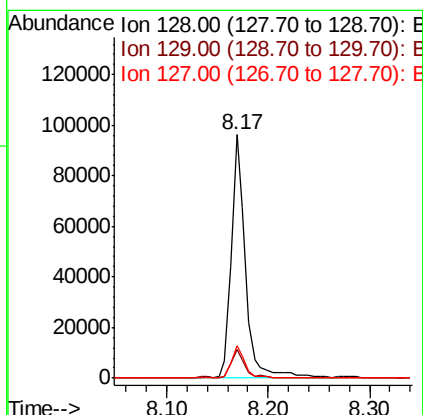
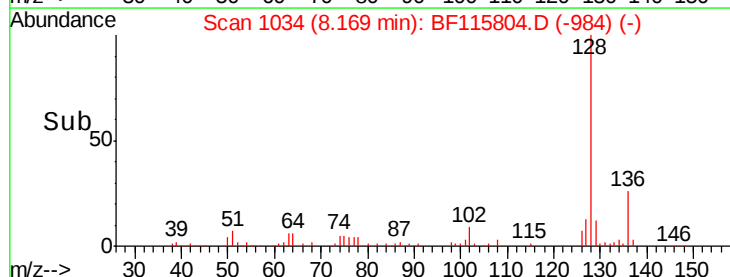
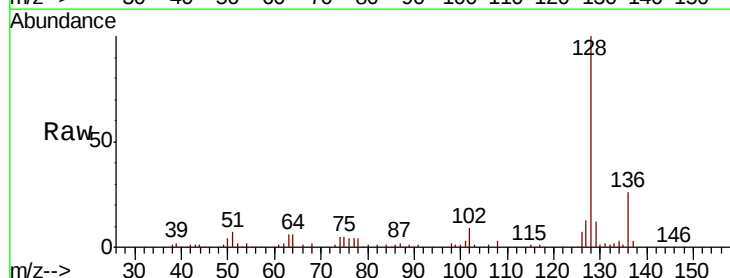
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-B

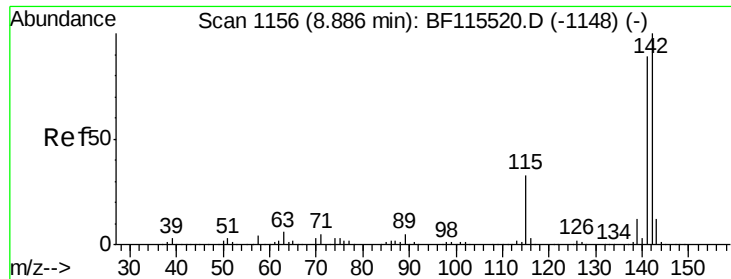
Tot Ion: 82 Resp: 985174
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.6 55.0
 54 46.3 36.6 54.8



#31
 Naphthalene
 Concen: 3.318 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

Tgt Ion:128 Resp: 94494
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.4 14.2
 127 13.3 10.9 16.3

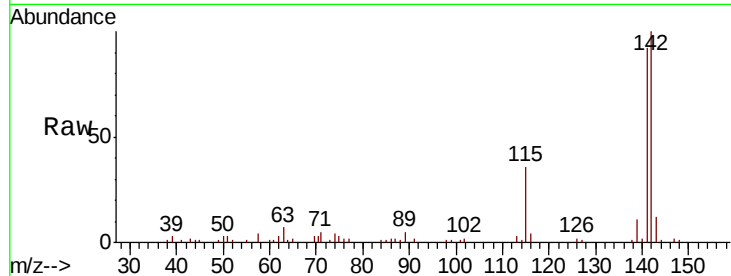




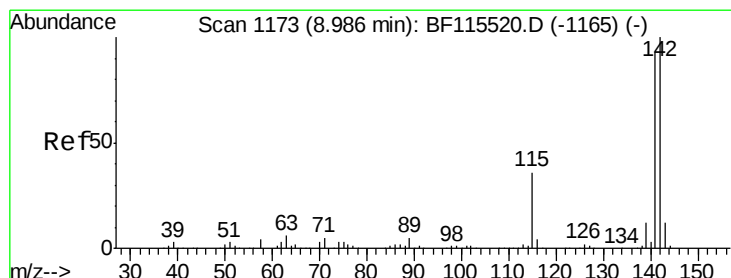
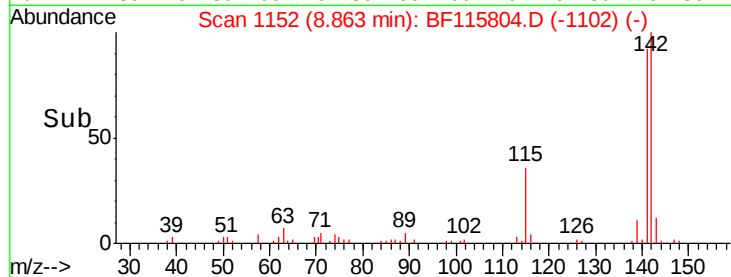
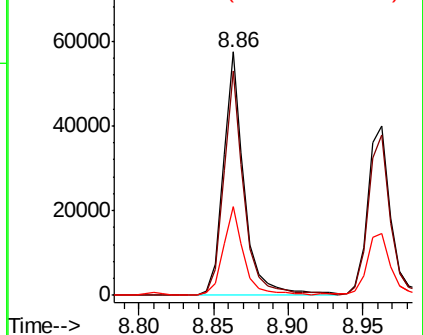
#37
2-Methylnaphthalene
Concen: 2.988 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

Instrument :
BNA_F
ClientSampleId :
SU-01-072519-B

Tot Ion:142 Resp: 56404
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.4
115 36.3 27.7 41.5

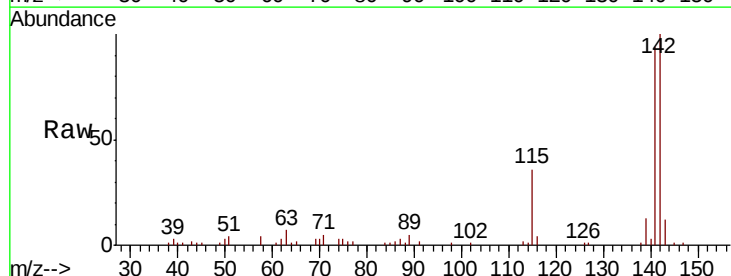


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

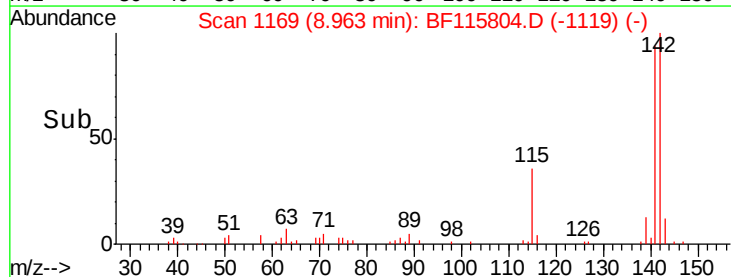
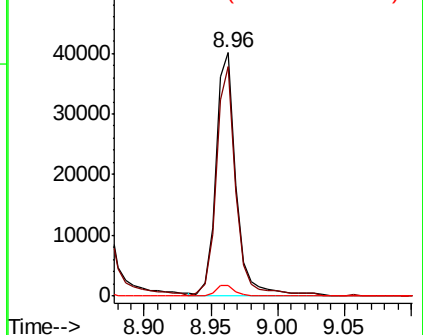


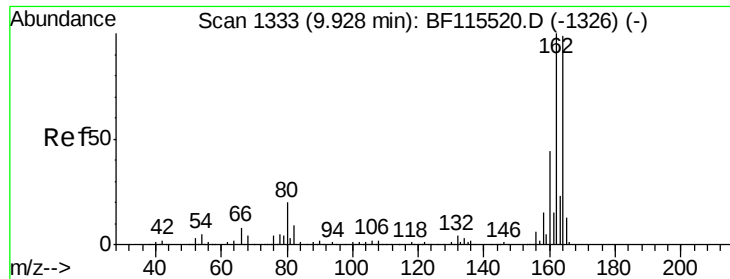
#38
1-Methylnaphthalene
Concen: 2.415 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

Tgt Ion:142 Resp: 43301
Ion Ratio Lower Upper
142 100
141 94.3 73.9 110.9
116 4.2 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

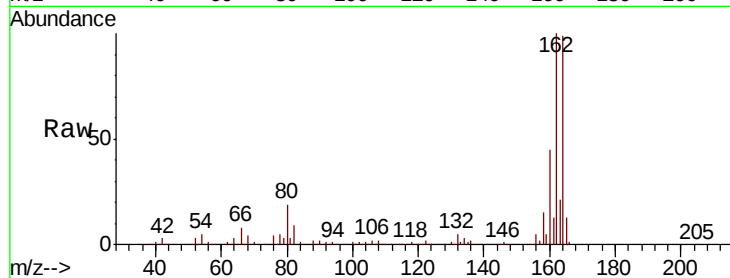




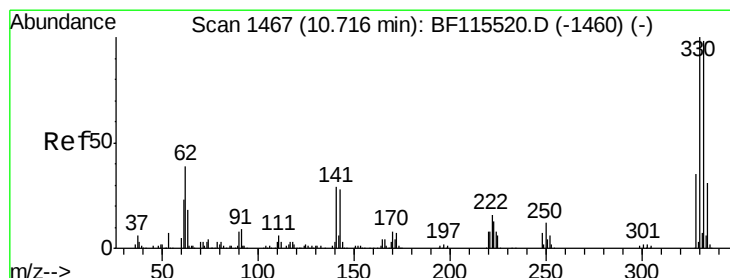
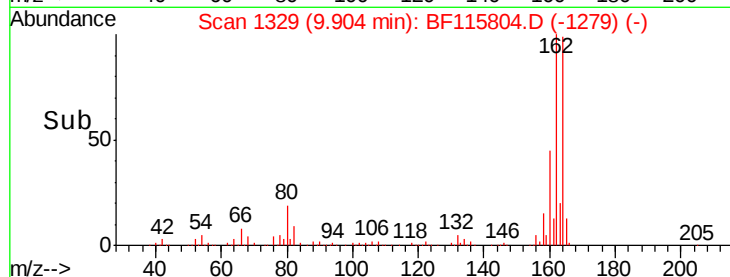
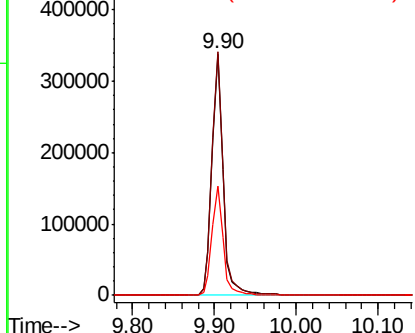
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

Instrument :
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 SU-01-072519-B

Tot Ion:164 Resp: 324066
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 45.3 37.5 56.3

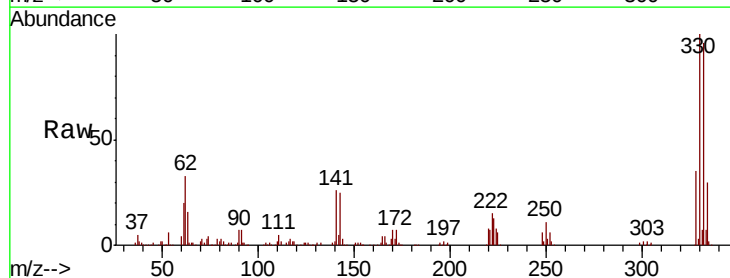


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

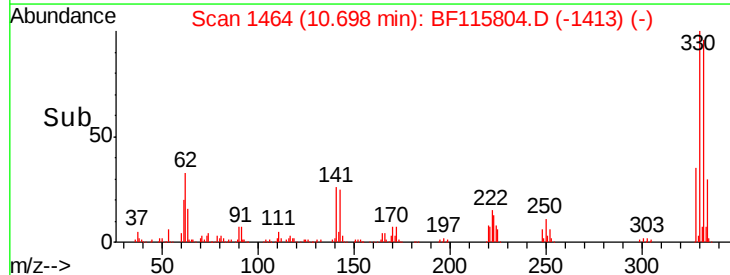
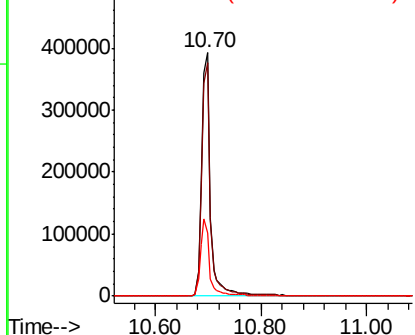


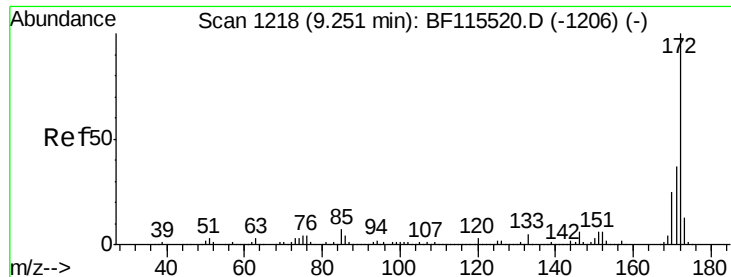
#42
 2,4,6-Tribromophenol
 Concen: 121.903 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

Tgt Ion:330 Resp: 461114
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 32.4 25.9 38.9



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



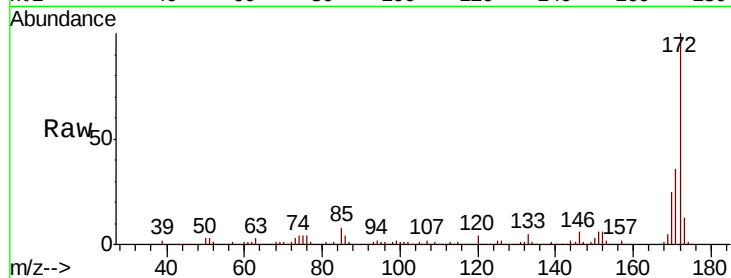


#45
 2-Fluorobiphenyl
 Concen: 96.285 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

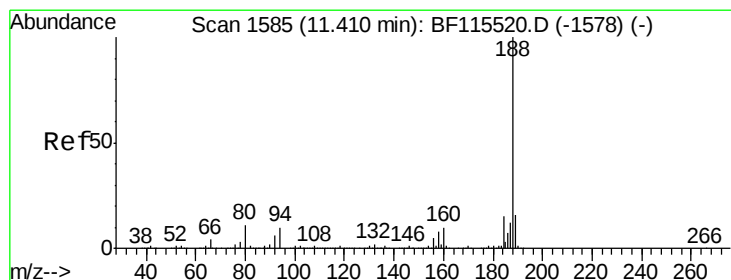
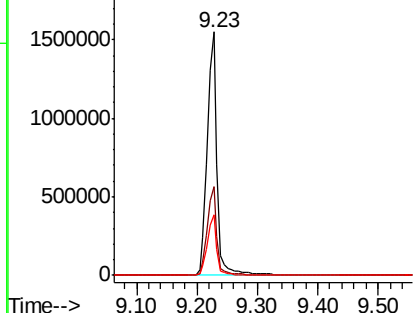
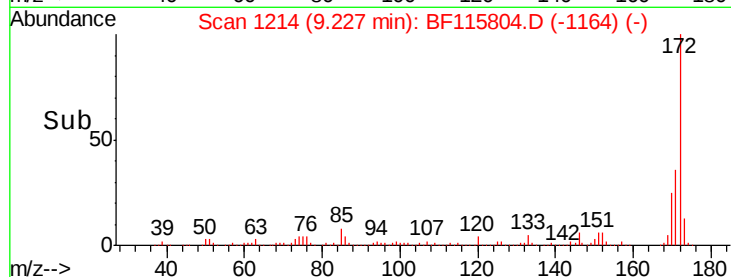
Instrument :
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Tot Ion:172 Resp: 1782726

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	20.1	30.1



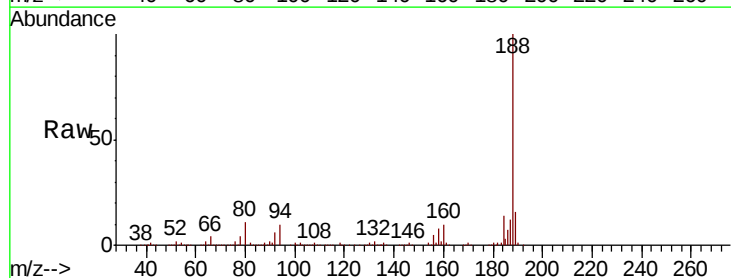
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



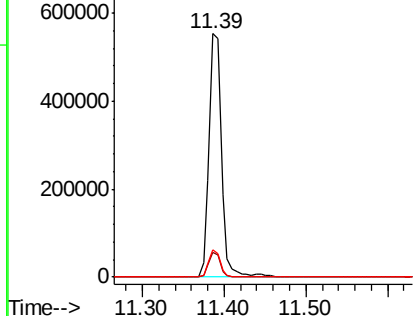
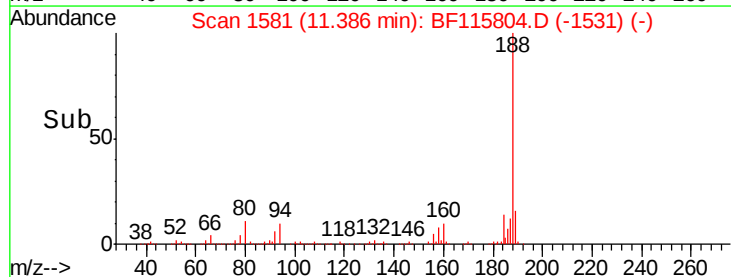
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

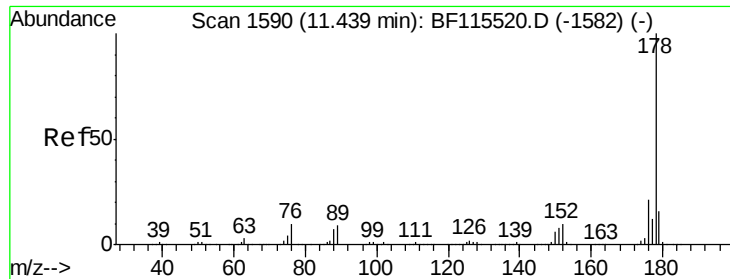
Tgt Ion:188 Resp: 586091

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	11.3	9.0	13.6



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

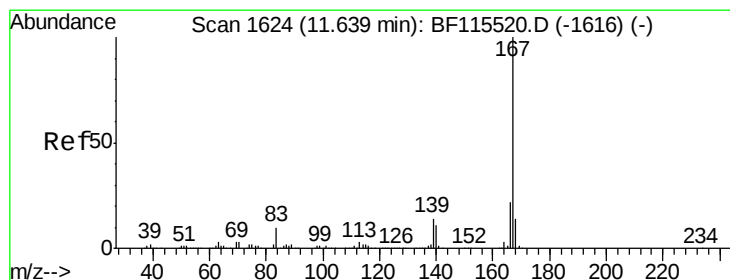
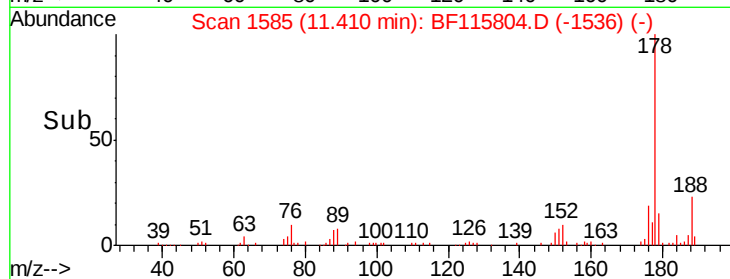
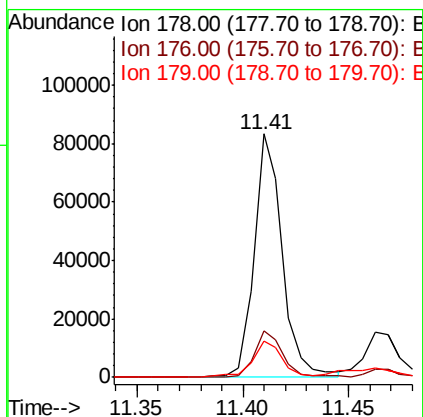
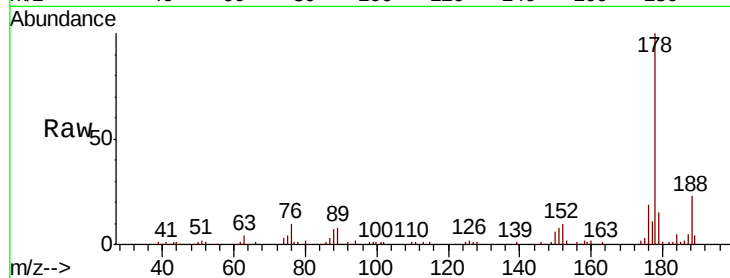




#71
Phenanthrene
Concen: 2.574 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

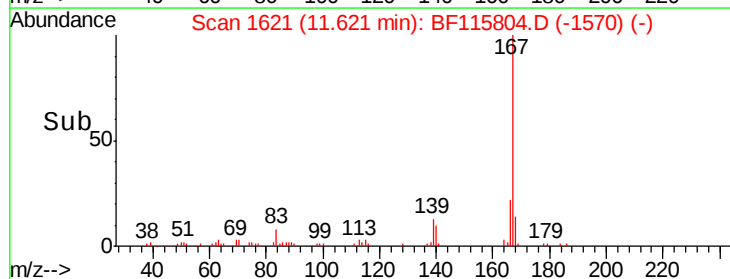
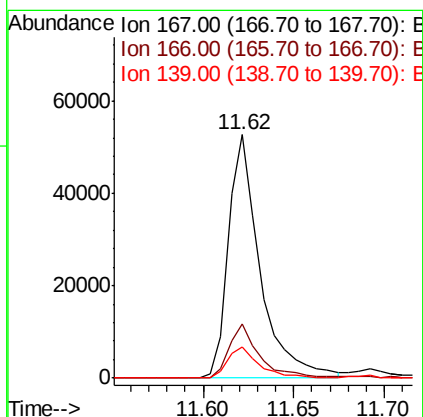
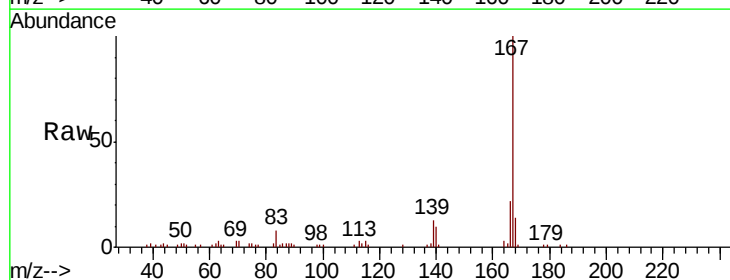
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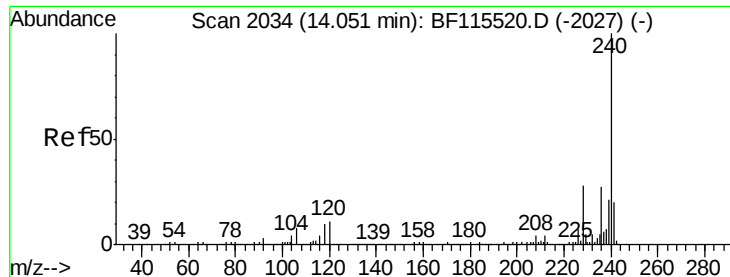
Tot Ion:178 Resp: 77315
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 15.1 12.7 19.1



#73
Carbazole
Concen: 2.363 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BF115804.D
Acq: 26 Jul 2019 23:10

Tgt Ion:167 Resp: 64335
Ion Ratio Lower Upper
167 100
166 22.1 18.0 27.0
139 12.9 11.1 16.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115804.D

Acq: 26 Jul 2019 23:10

Instrument :

BNA_F

ClientSampleId :

SU-01-072519-B

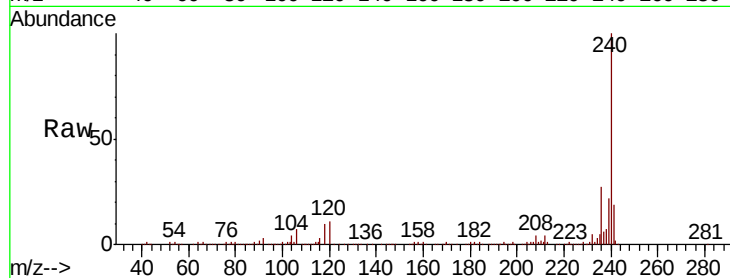
Tot Ion:240 Resp: 441629

Ion Ratio Lower Upper

240 100

120 11.3 10.0 15.0

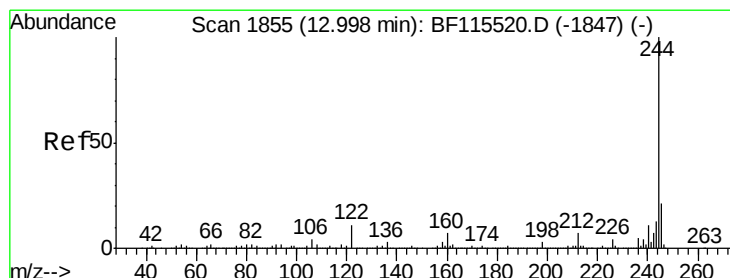
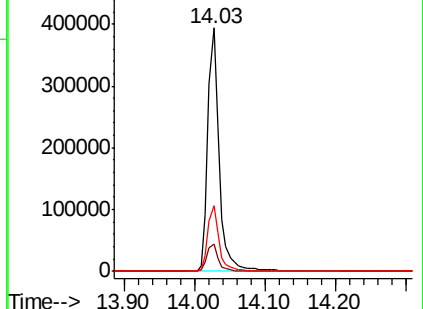
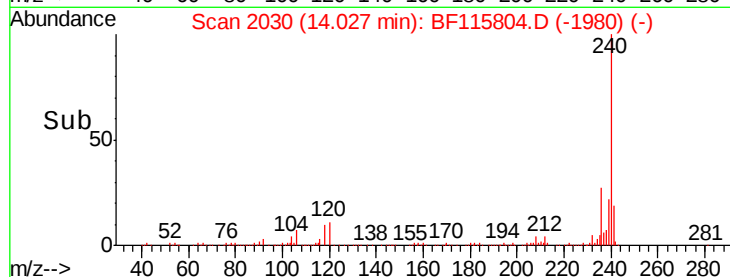
236 27.1 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 86.168 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115804.D

Acq: 26 Jul 2019 23:10

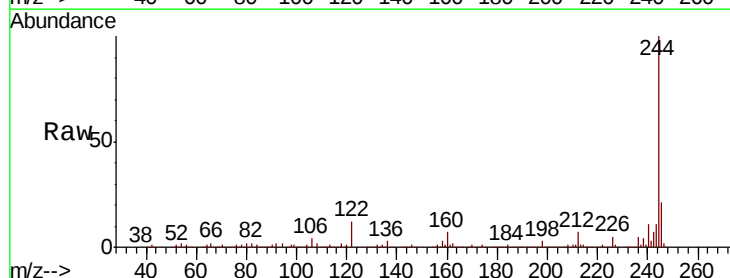
Tgt Ion:244 Resp: 2062385

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

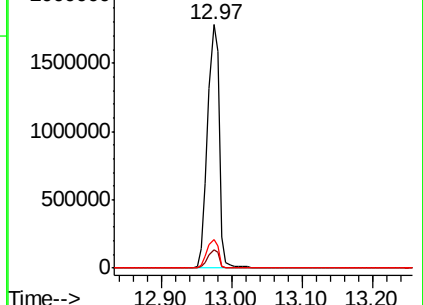
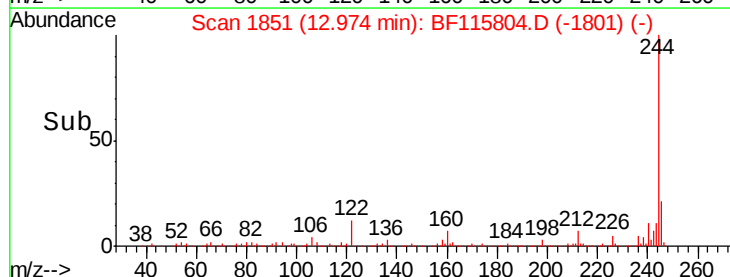
122 11.8 8.2 12.4

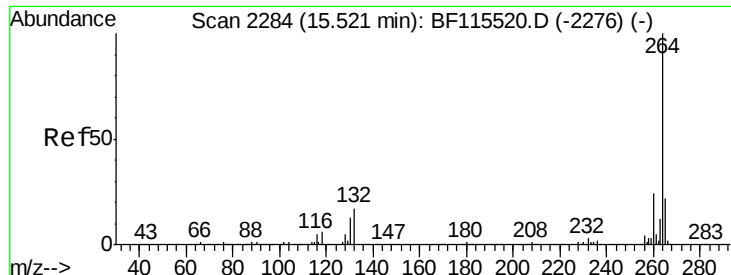


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

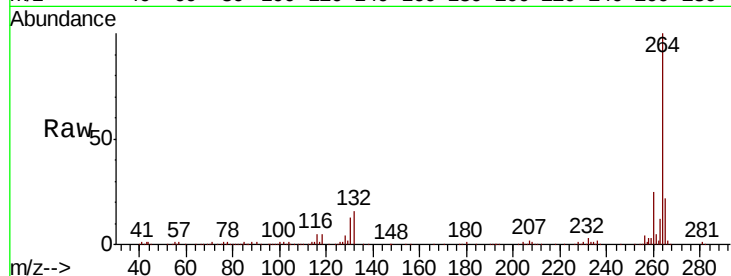




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF115804.D
 Acq: 26 Jul 2019 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-072519-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.5	17.5	26.3



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

