

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115580.D
 Acq On : 16 Jul 2019 1:52
 Operator : HP/JU
 Sample : K3626-05 4X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-A

Quant Time: Jul 16 06:39:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

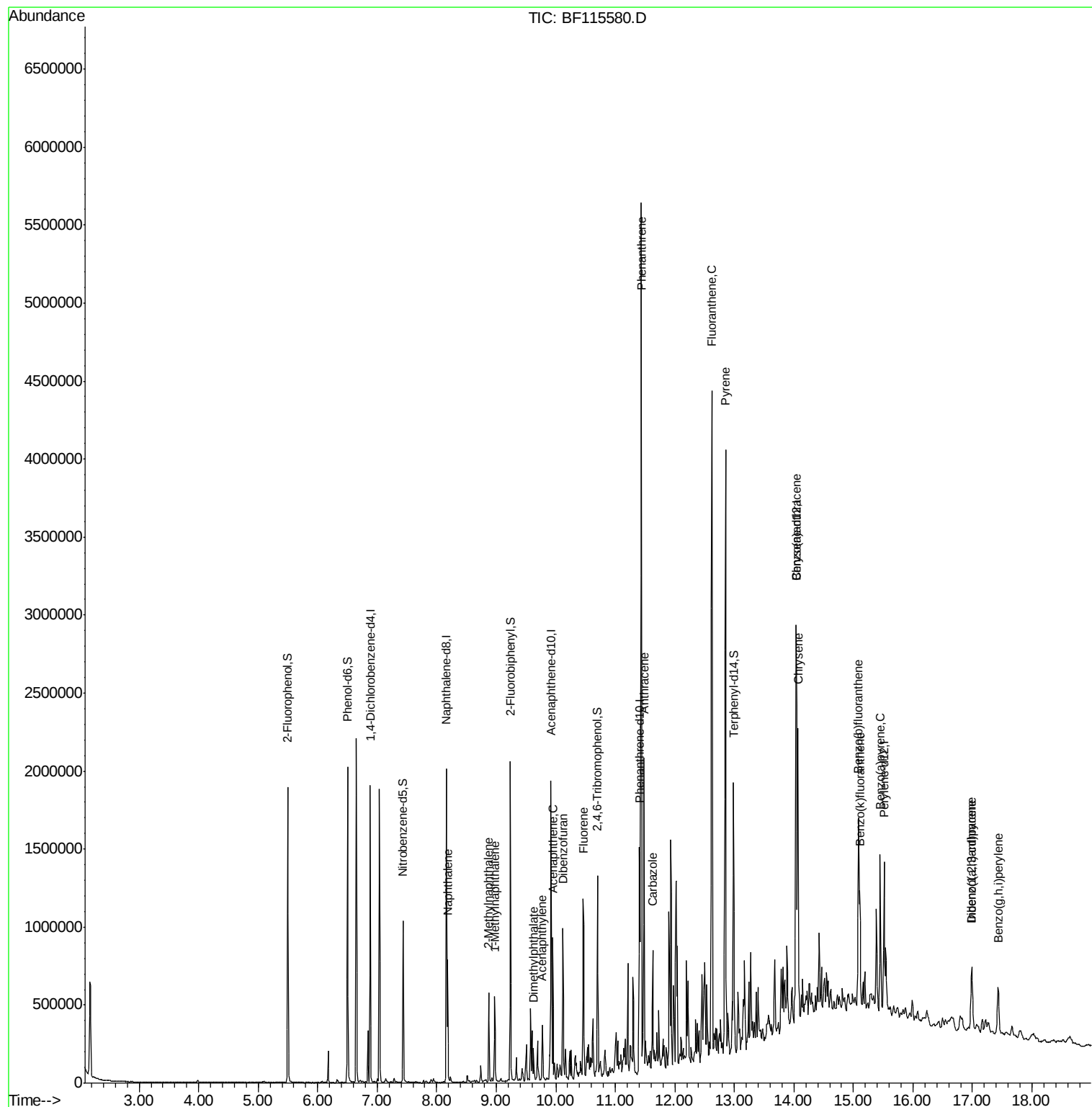
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	279041	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	877734	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	383316	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	629290	20.00	ng	0.00
76) Chrysene-d12	14.04	240	446216	20.00	ng	0.00
87) Perylene-d12	15.52	264	466435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	521610	30.58	ng	0.00
7) Phenol-d6	6.50	99	685594	31.67	ng	-0.01
23) Nitrobenzene-d5	7.43	82	346406	22.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	119805	26.78	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	629064	28.72	ng	-0.01
79) Terphenyl-d14	12.99	244	536401	22.18	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.19	128	339292	7.982	ng	95
37) 2-Methylnaphthalene	8.87	142	150102	5.327	ng	98
38) 1-Methylnaphthalene	8.97	142	135088	5.047	ng	100
49) Acenaphthylene	9.78	152	110558	2.990	ng	96
50) Dimethylphthalate	9.63	163	71782	2.489	ng	99
52) Acenaphthene	9.95	154	168794	7.071	ng	98
55) Dibenzofuran	10.12	168	286608	8.455	ng	98
58) Fluorene	10.46	166	317138	13.087	ng	99
71) Phenanthrene	11.44	178	2384283	73.916	ng	99
72) Anthracene	11.48	178	720941	21.626	ng	98
73) Carbazole	11.63	167	288558	9.871	ng	98
75) Fluoranthene	12.62	202	1942327	56.982	ng	97
78) Pvrene	12.85	202	1746568	46.199	ng	98
81) Benzo(a)anthracene	14.03	228	895877	30.475	ng	98
83) Chrysene	14.07	228	745048	25.247	ng	95
86) Indeno(1,2,3-cd)pyrene	16.99	276	282358	11.262	ng	# 92
88) Benzo(b)fluoranthene	15.09	252	776071m	25.839	ng	
89) Benzo(k)fluoranthene	15.11	252	249981m	9.335	ng	
90) Benzo(a)pvrene	15.45	252	527442	20.432	ng	97
91) Dibenzo(a,h)anthracene	17.00	278	78049	3.444	ng	# 91
92) Benzo(q,h,i)perylene	17.43	276	251661	11.135	ng	100

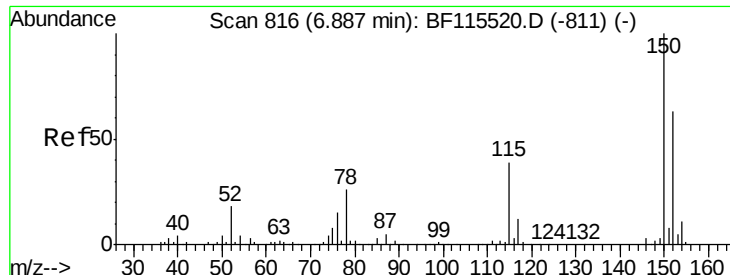
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

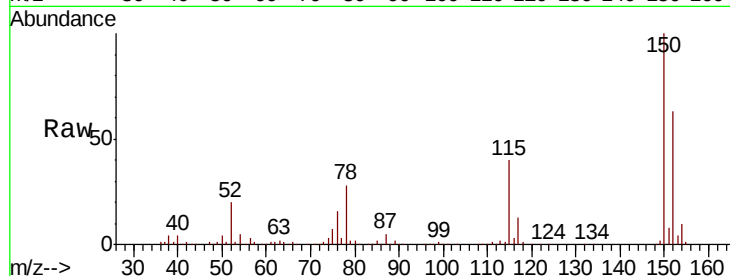
Tot Ion:152 Resp: 279041

Ion Ratio Lower Upper

152 100

150 158.3 129.7 194.5

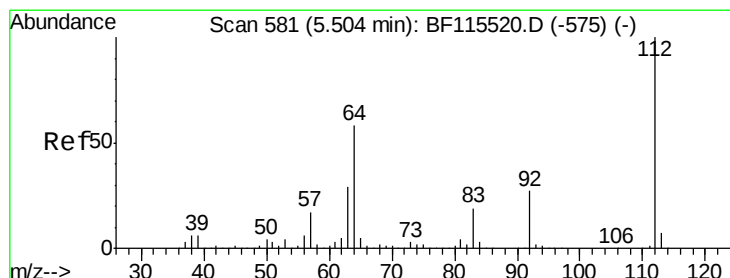
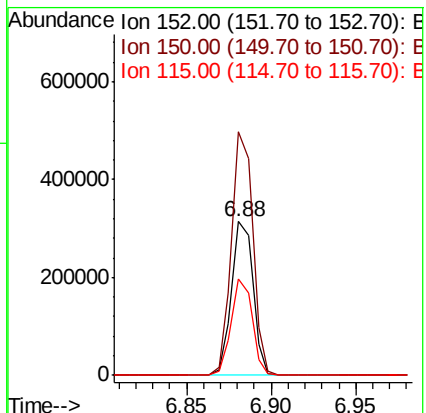
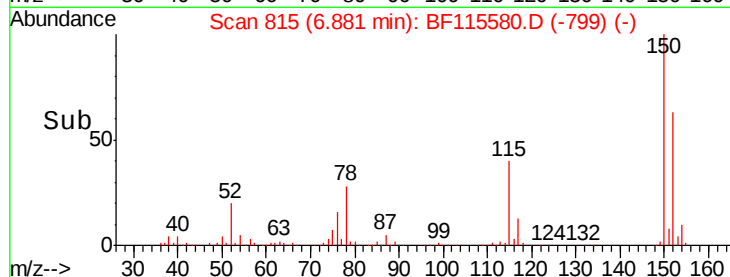
115 62.7 48.2 72.4



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: 30.576 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

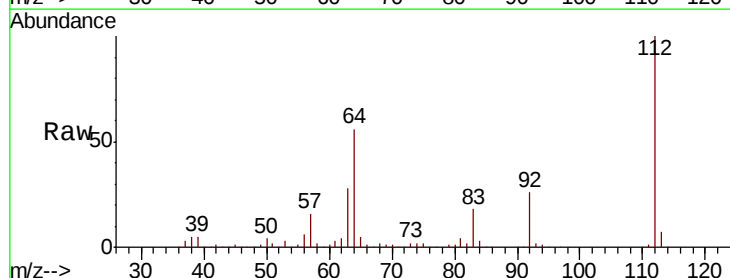
Tgt Ion:112 Resp: 521610

Ion Ratio Lower Upper

112 100

64 56.4 46.8 70.2

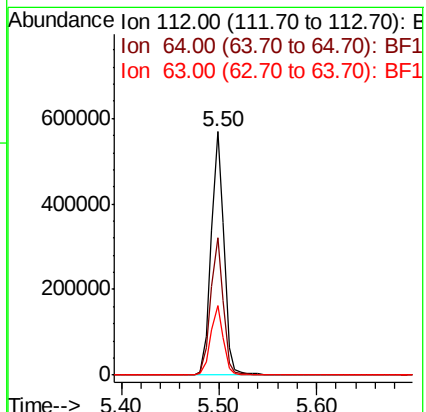
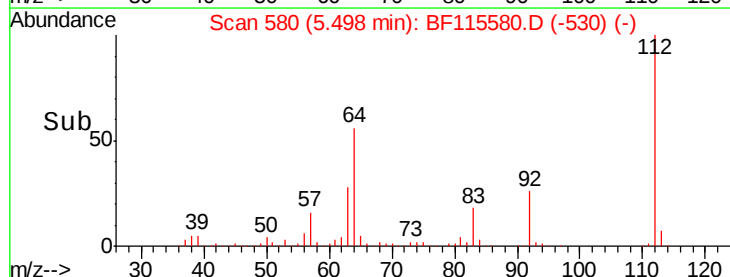
63 28.3 24.1 36.1

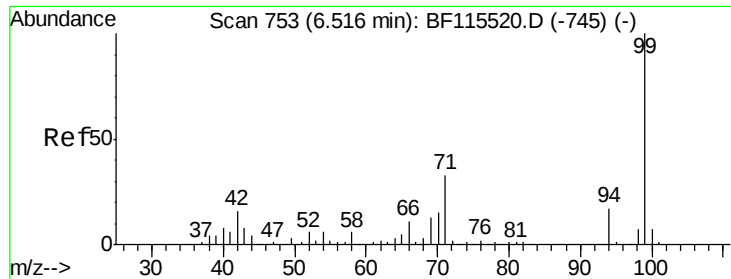


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.673 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

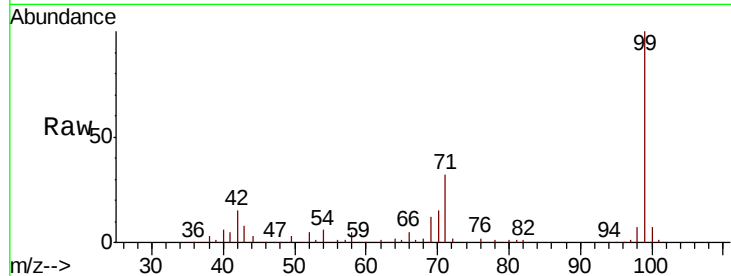
Tot Ion: 99 Resp: 685594

Ion Ratio Lower Upper

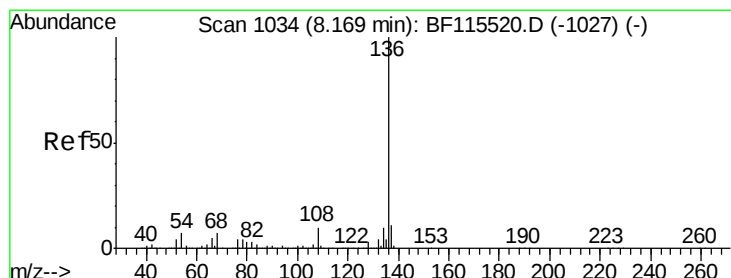
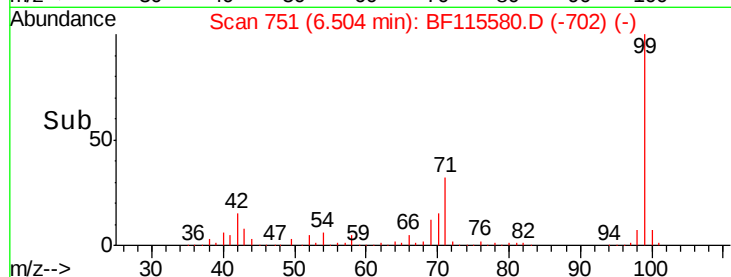
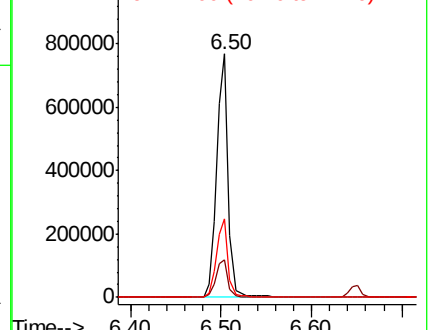
99 100

42 15.4 13.6 20.4

71 32.1 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Tgt Ion: 136 Resp: 877734

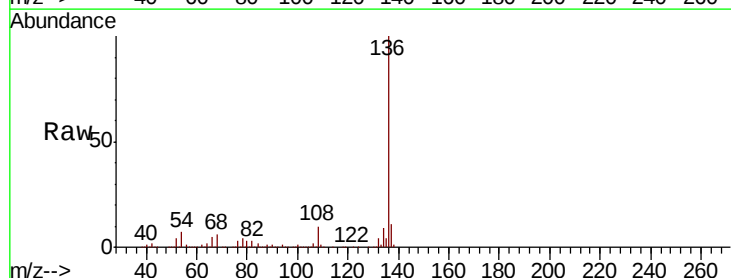
Ion Ratio Lower Upper

136 100

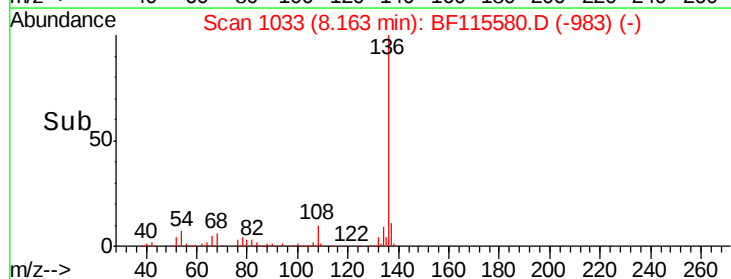
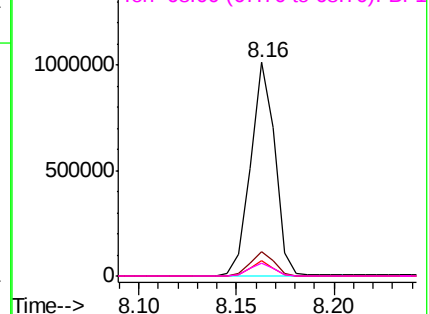
137 11.3 9.0 13.4

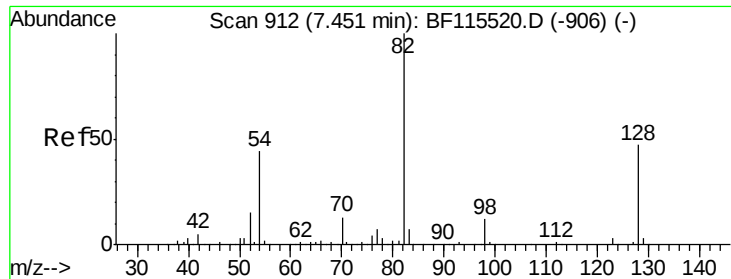
54 7.1 5.6 8.4

68 6.2 5.0 7.6



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

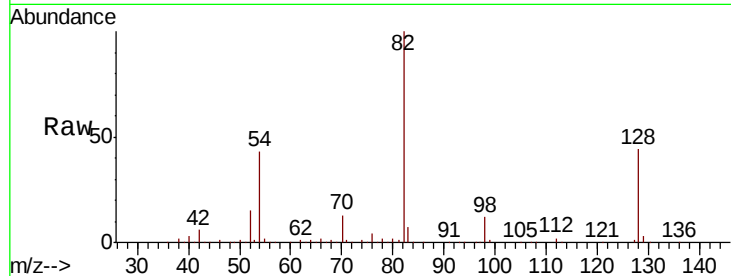




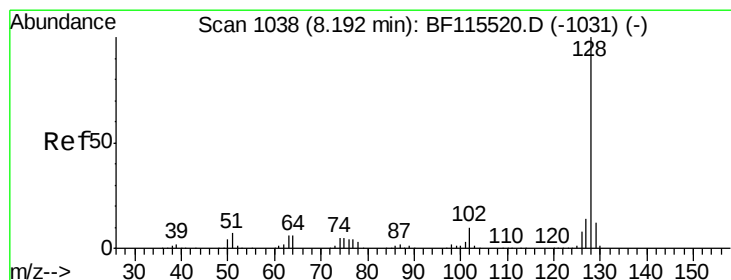
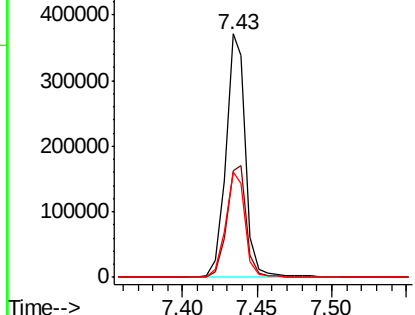
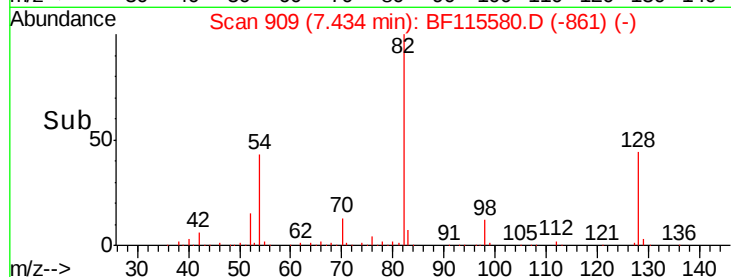
#23
 Nitrobenzene-d5
 Concen: 22.948 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115580.D
 Acq: 16 Jul 2019 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-A

Tot Ion	82	Resp	346406
Ion Ratio	Lower	Upper	
82	100		
128	43.6	38.6	57.8
54	43.3	35.6	53.4

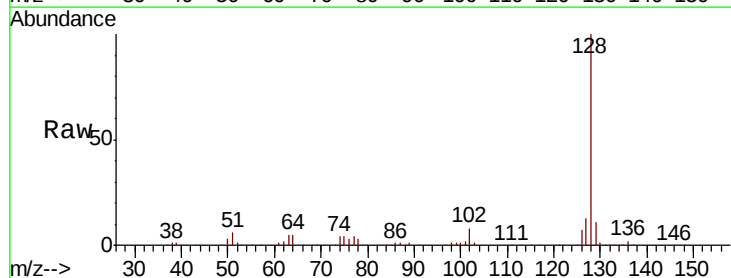


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

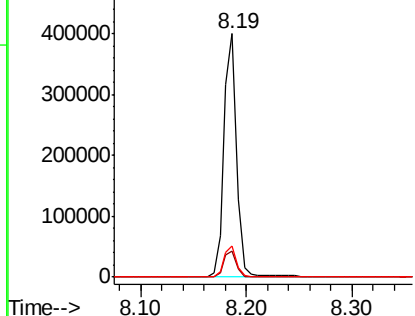
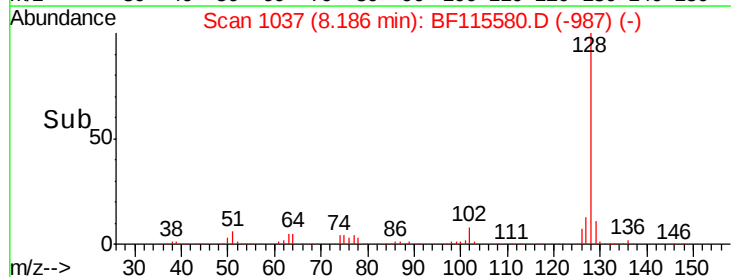


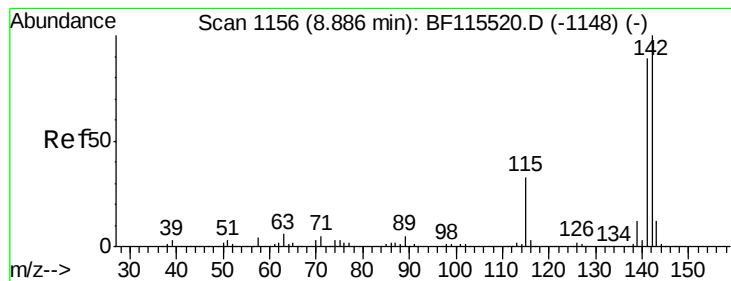
#31
 Naphthalene
 Concen: 7.982 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF115580.D
 Acq: 16 Jul 2019 1:52

Tgt Ion	128	Resp	339292
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.9	14.9
127	13.0	12.1	18.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

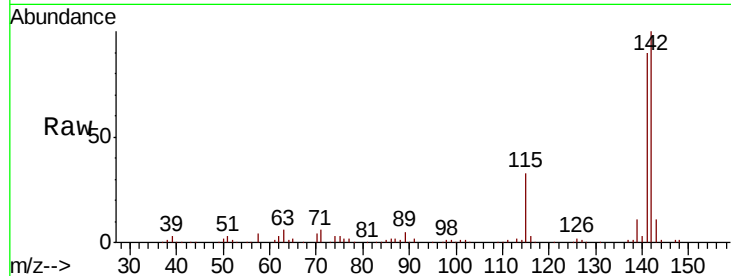




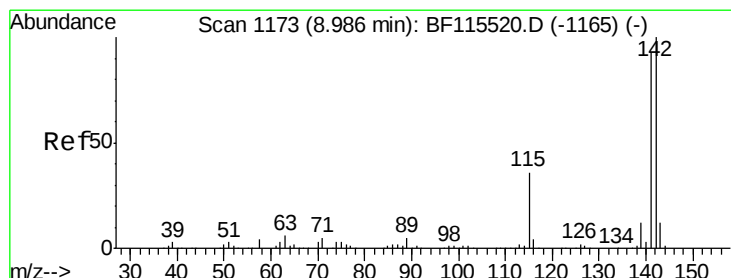
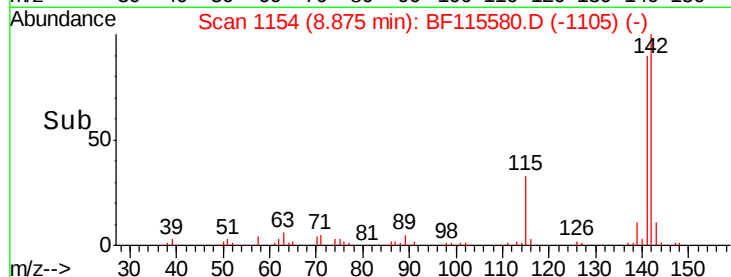
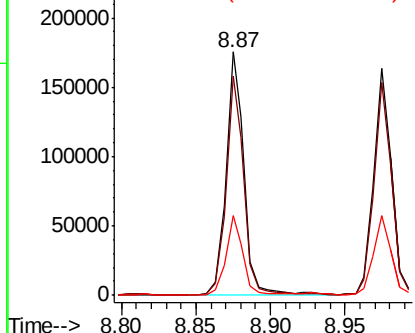
#37
2-Methylnaphthalene
Concen: 5.327 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.0	108.0
115	32.8	29.9	44.9

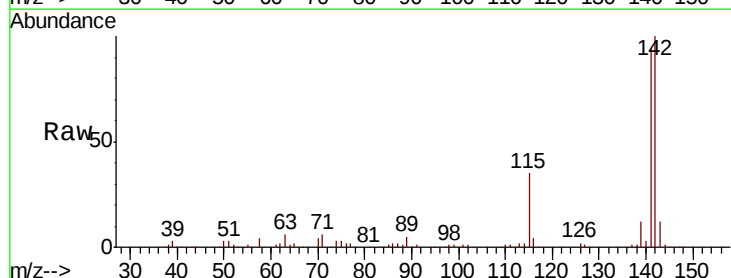


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

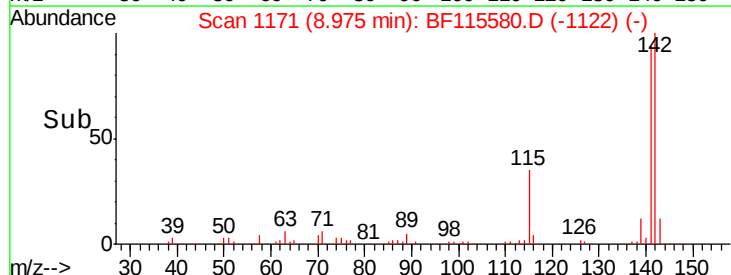
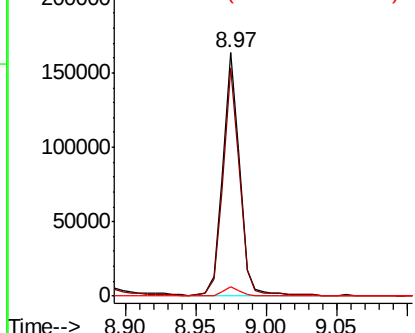


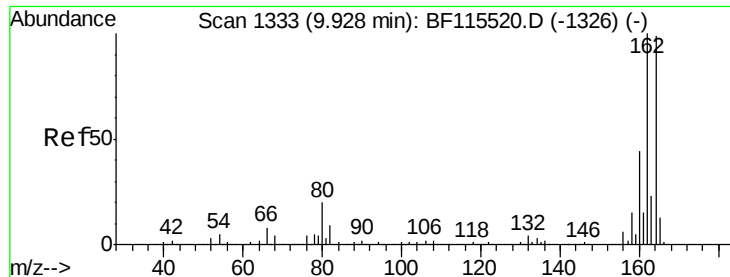
#38
1-Methylnaphthalene
Concen: 5.047 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.3	112.9
116	3.8	3.3	4.9



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

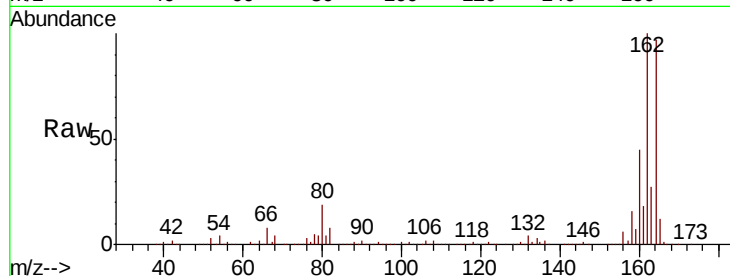




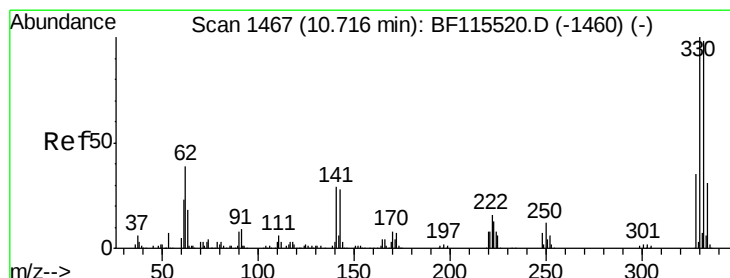
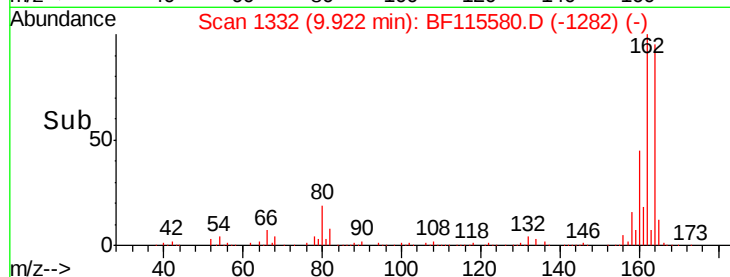
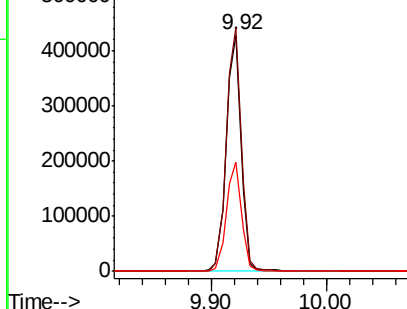
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.9	124.3
160	46.2	36.8	55.2

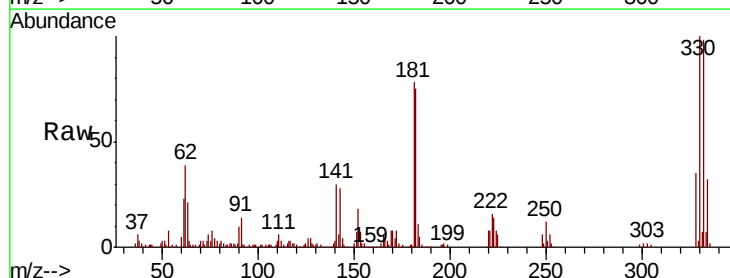


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

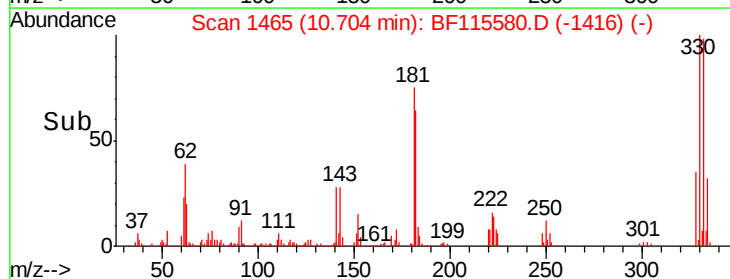
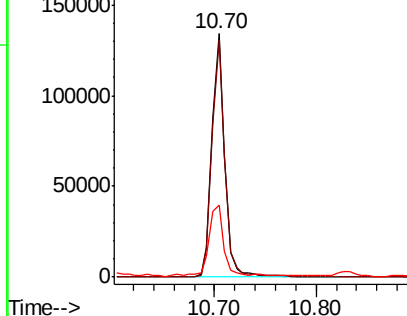


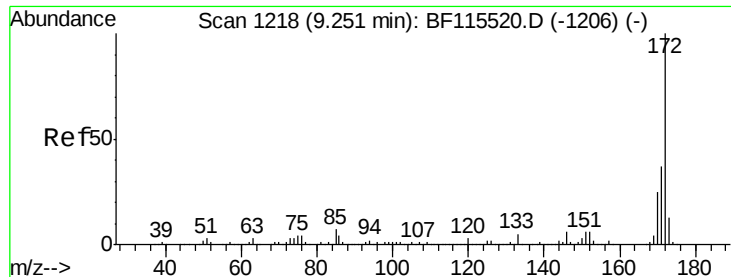
#42
2,4,6-Tribromophenol
Concen: 26.777 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	32.8	22.4	33.6



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

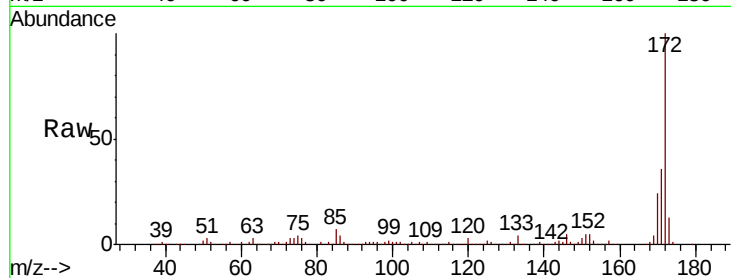




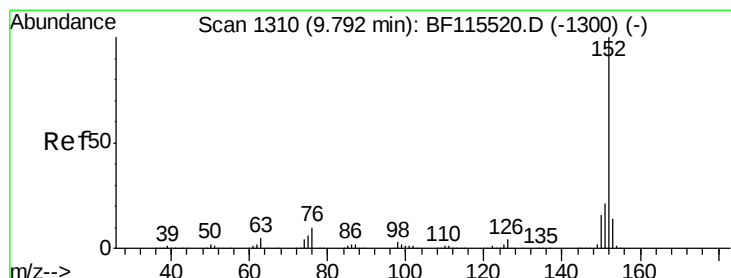
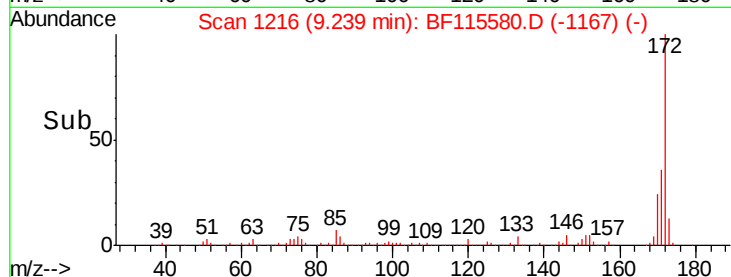
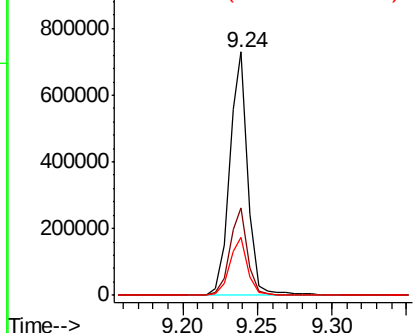
#45
2-Fluorobiphenyl
Concen: 28.724 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion:172 Resp: 629064
Ion Ratio Lower Upper
172 100
171 36.0 30.6 46.0
170 23.7 20.5 30.7

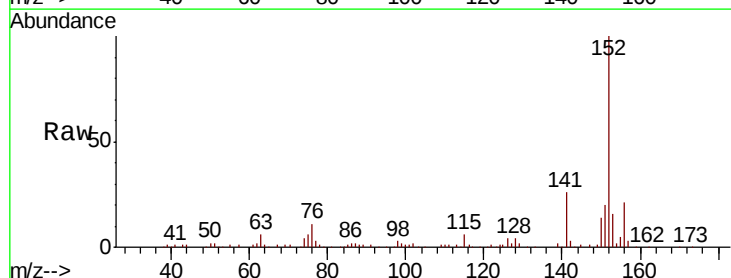


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

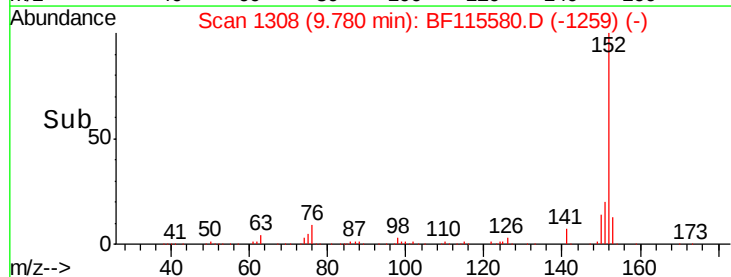
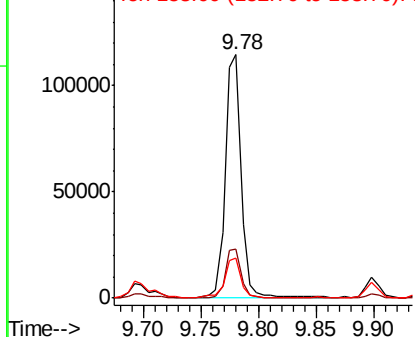


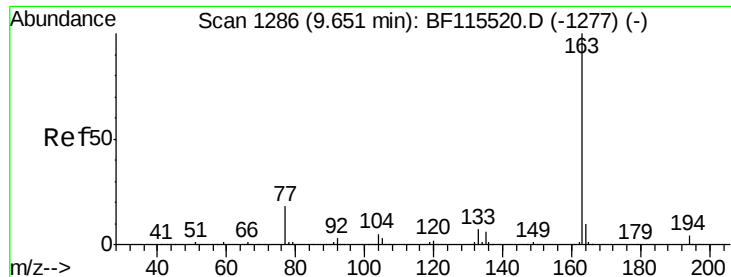
#49
Acenaphthylene
Concen: 2.990 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion:152 Resp: 110558
Ion Ratio Lower Upper
152 100
151 20.0 17.7 26.5
153 16.3 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 2.489 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

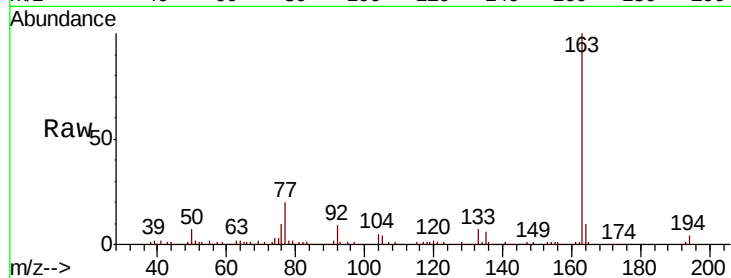
Tot Ion:163 Resp: 71782

Ion Ratio Lower Upper

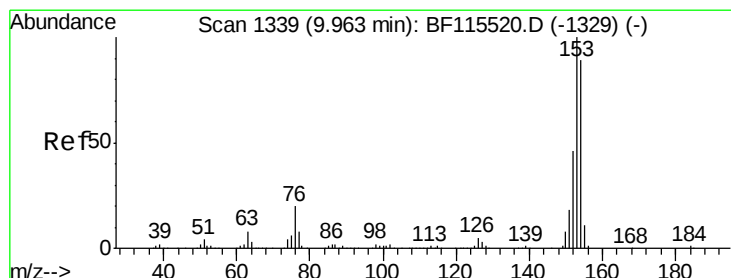
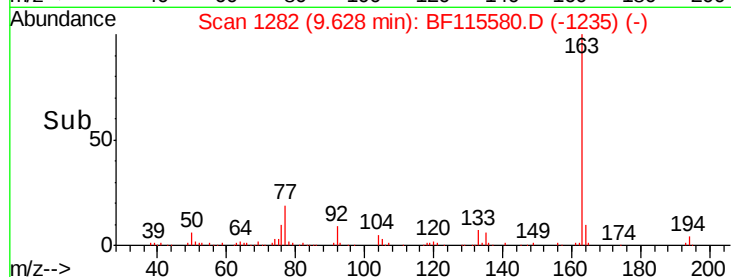
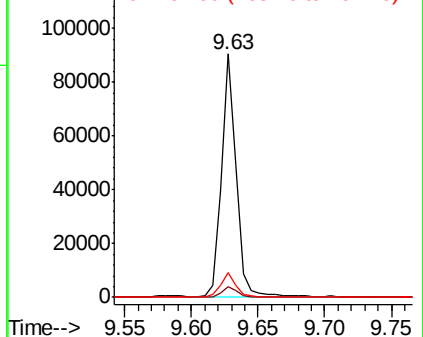
163 100

194 4.3 3.3 4.9

164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 7.071 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

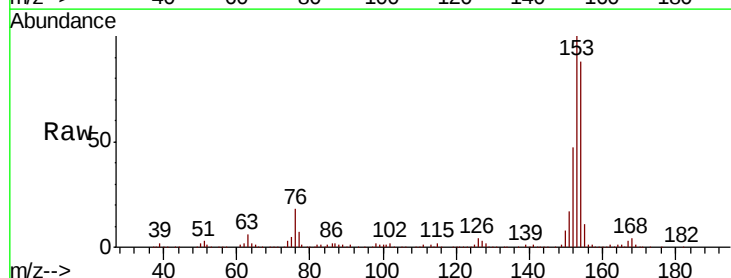
Tgt Ion:154 Resp: 168794

Ion Ratio Lower Upper

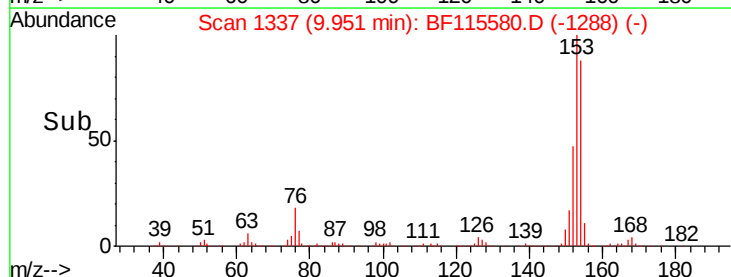
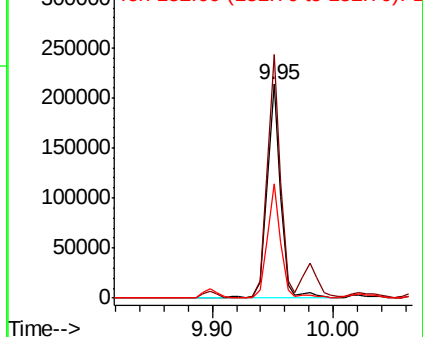
154 100

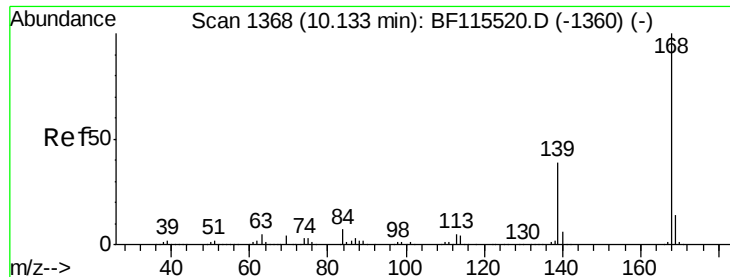
153 113.8 88.6 133.0

152 53.7 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

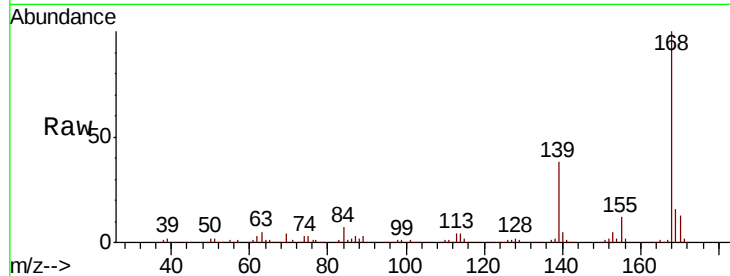




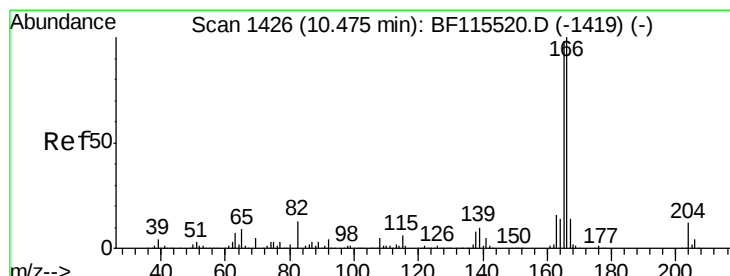
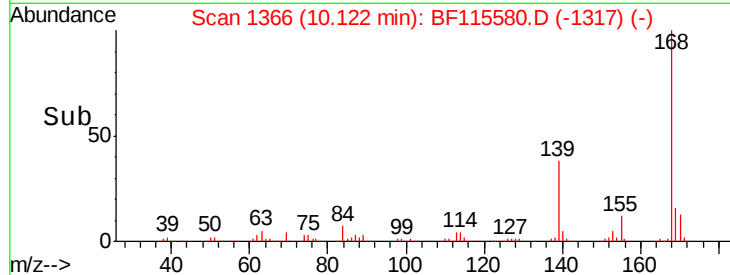
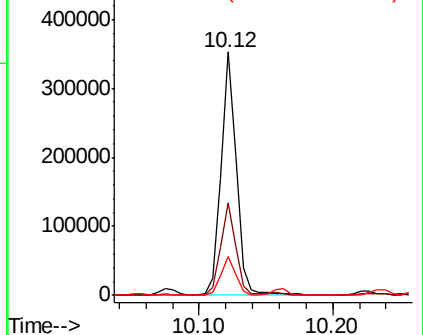
#55
Dibenzenofuran
Concen: 8.455 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion:168 Resp: 286608
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 15.8 11.1 16.7

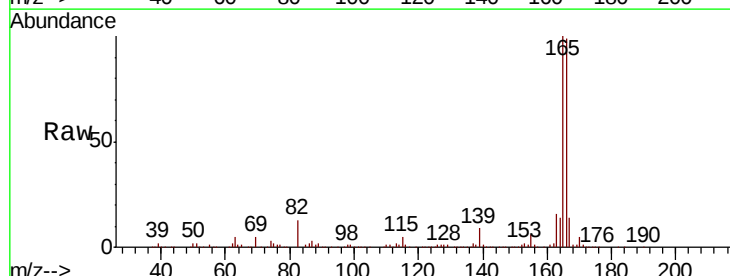


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

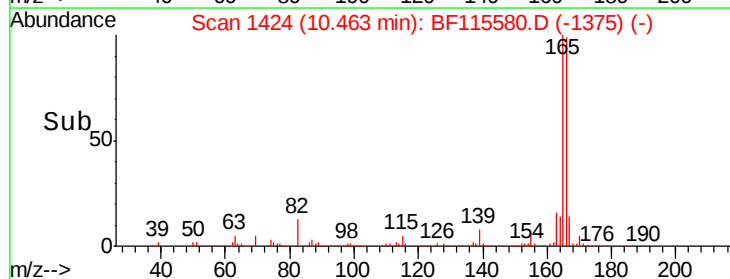
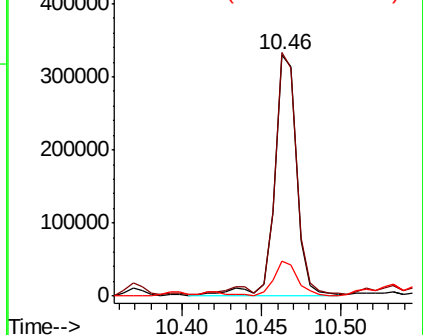


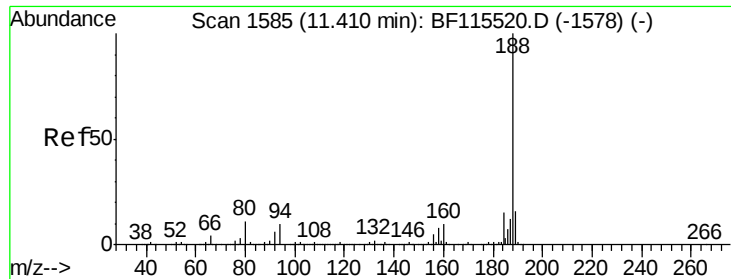
#58
Fluorene
Concen: 13.087 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion:166 Resp: 317138
Ion Ratio Lower Upper
166 100
165 101.0 79.8 119.6
167 14.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

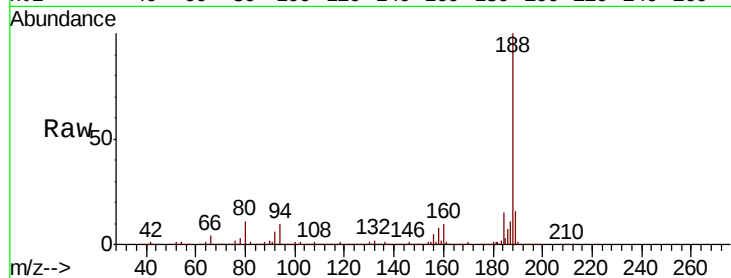




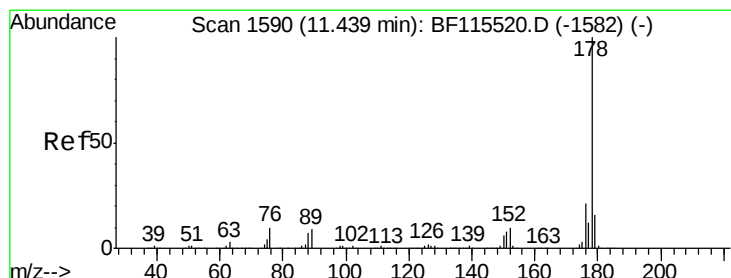
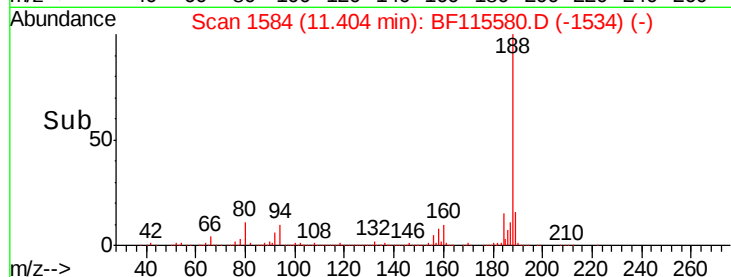
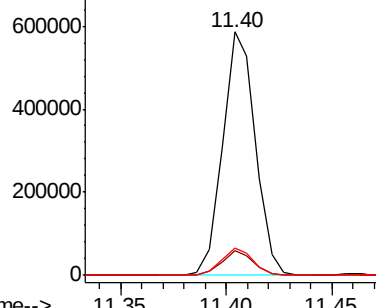
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion:188 Resp: 629290
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.1 8.6 13.0

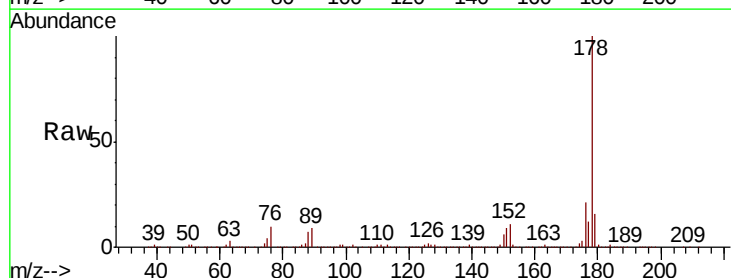


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

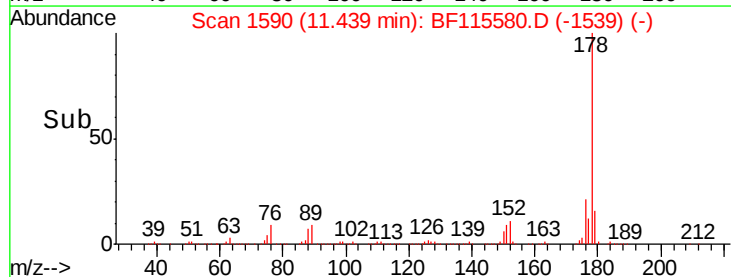
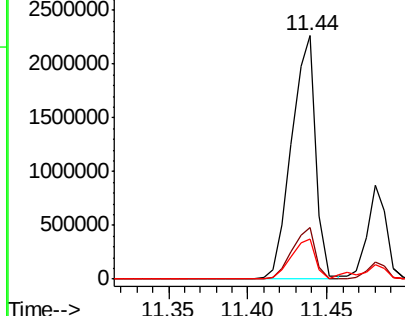


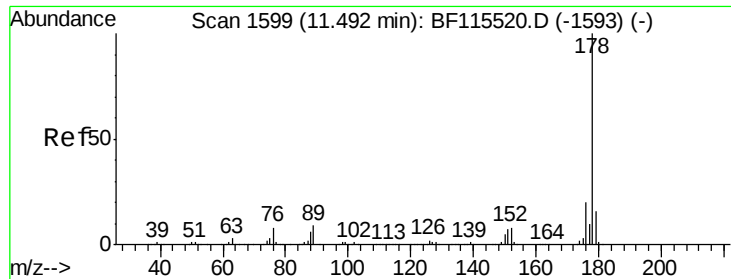
#71
Phenanthrene
Concen: 73.916 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion:178 Resp: 2384283
Ion Ratio Lower Upper
178 100
176 21.1 17.2 25.8
179 16.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 21.626 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

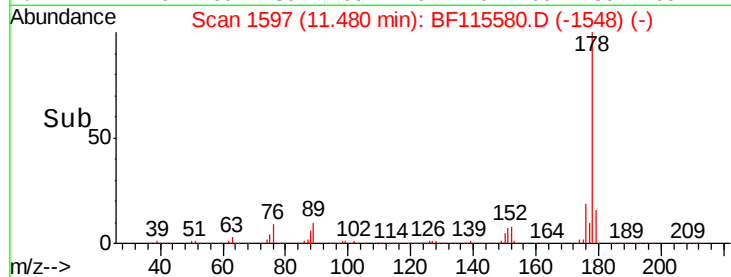
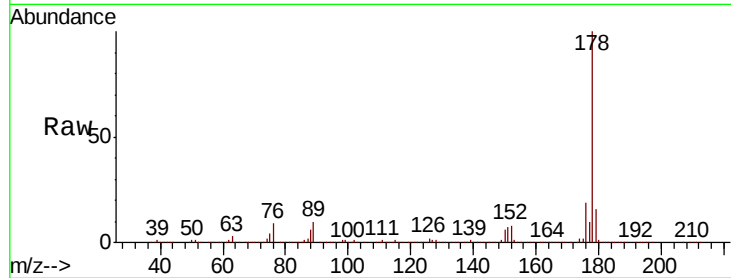
Tot Ion:178 Resp: 720941

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

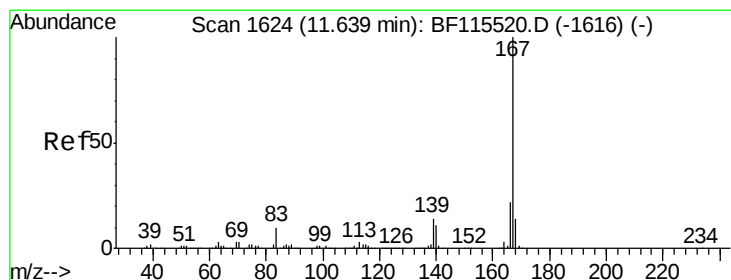
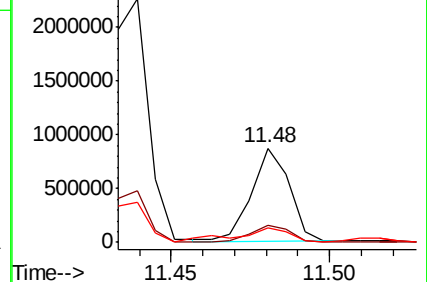
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 9.871 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

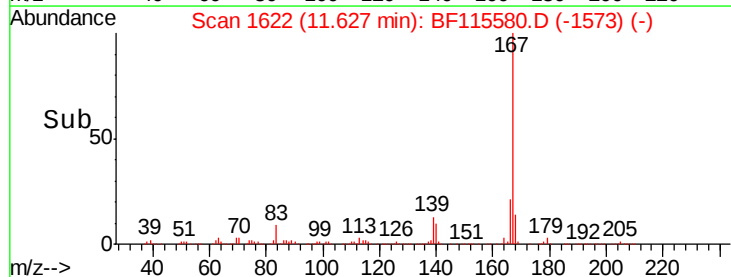
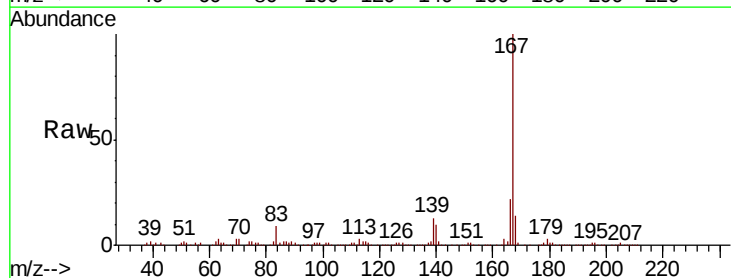
Tgt Ion:167 Resp: 288558

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

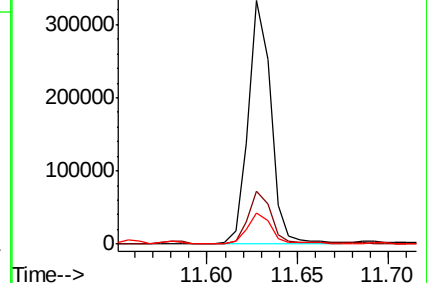
139 12.8 11.3 16.9

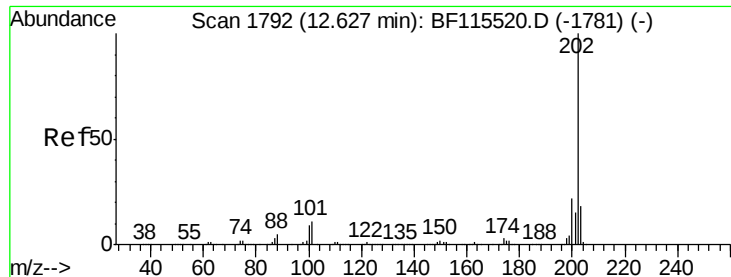


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 56.982 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

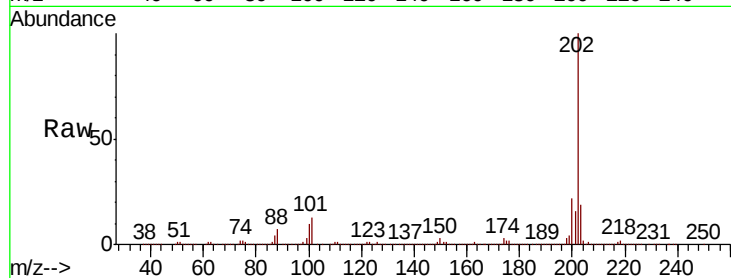
BNA_F

ClientSampleId :

SU-04-071119-A

Tot Ion:202 Resp: 1942327

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.4
203	19.1	0.0	38.1

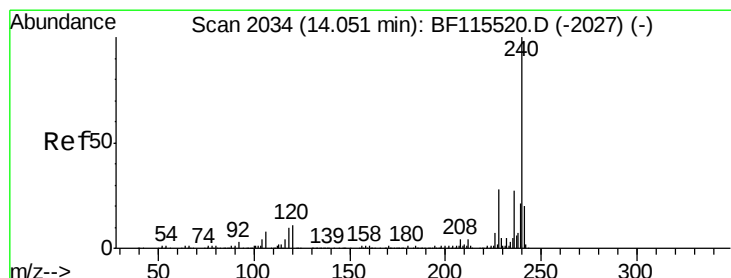
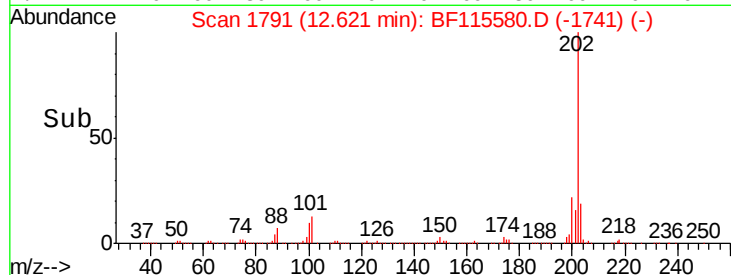
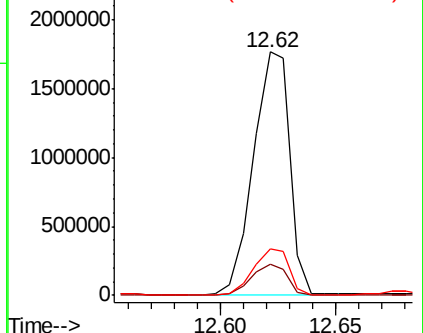


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

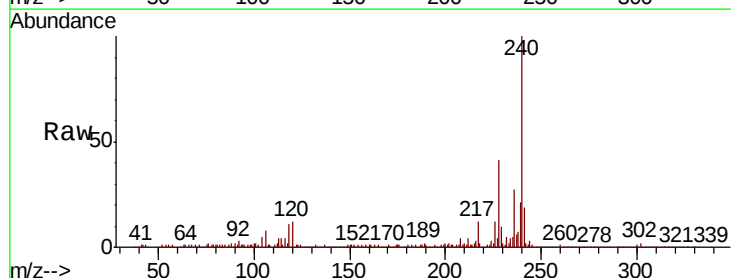
Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Tgt Ion:240 Resp: 446216

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	27.3	21.3	31.9

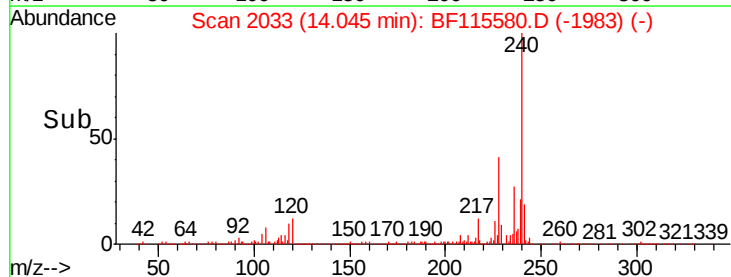
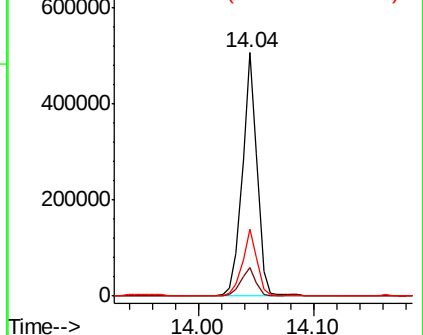


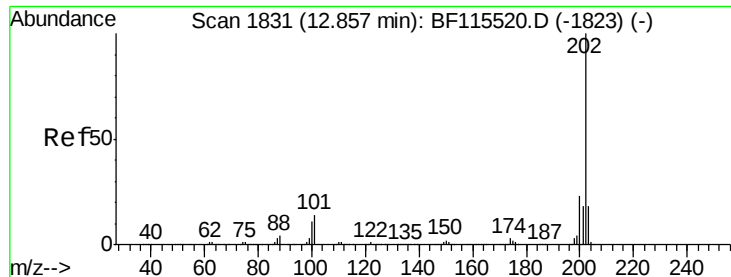
Abundance

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

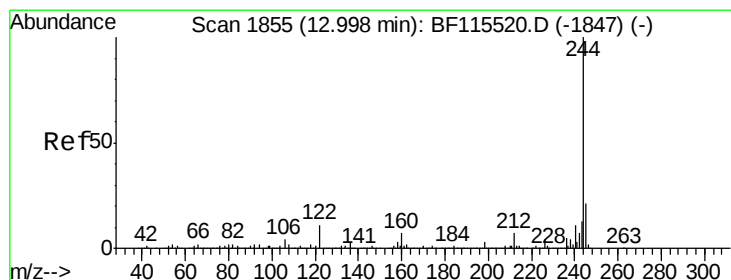
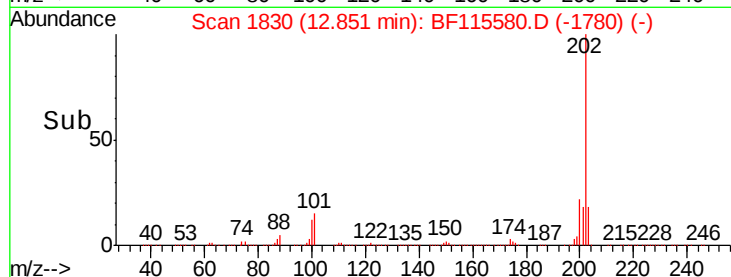
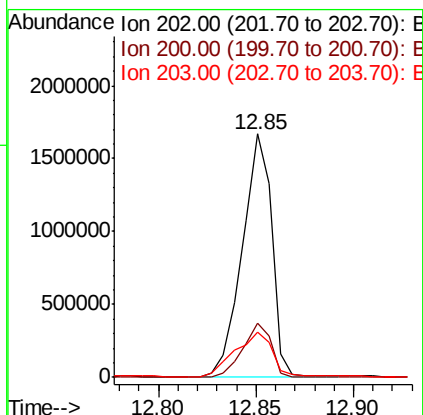
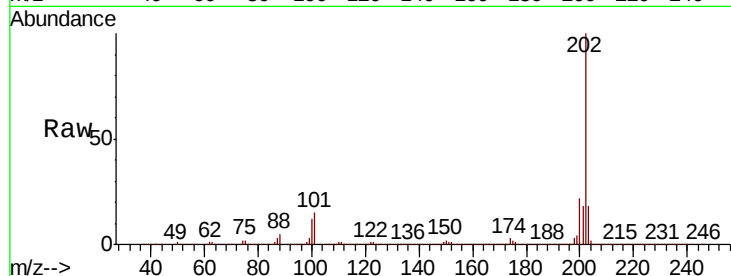




#78
Pvrene
Concen: 46.199 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

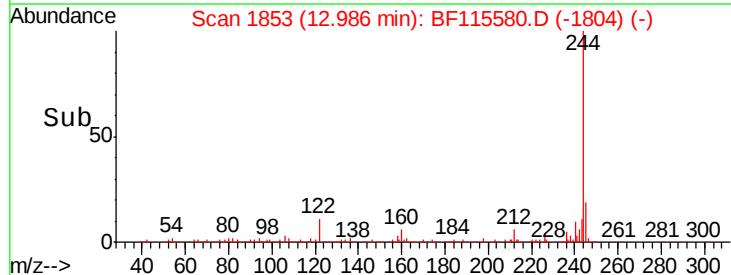
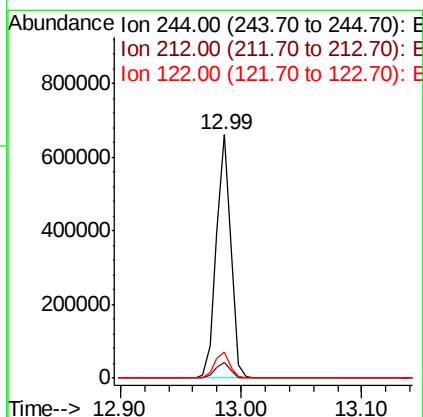
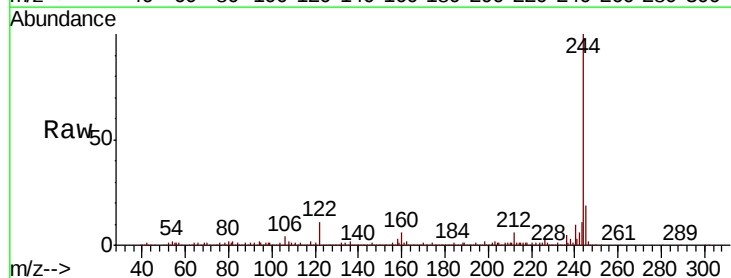
Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

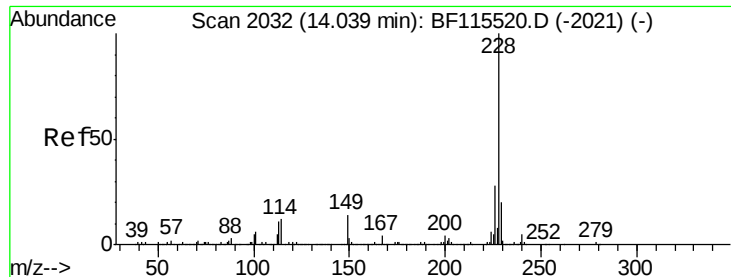
Tot Ion:202 Resp: 1746568
Ion Ratio Lower Upper
202 100
200 22.1 18.7 28.1
203 18.5 15.2 22.8



#79
Terphenyl-d14
Concen: 22.181 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion:244 Resp: 536401
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 10.7 8.6 12.8

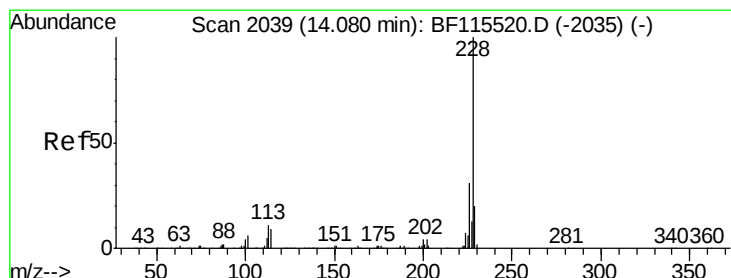
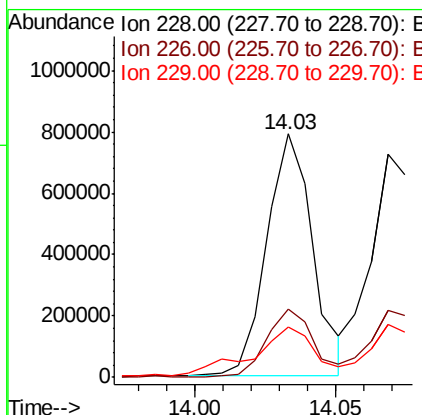
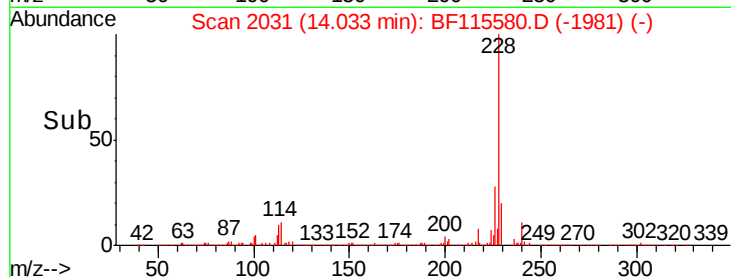
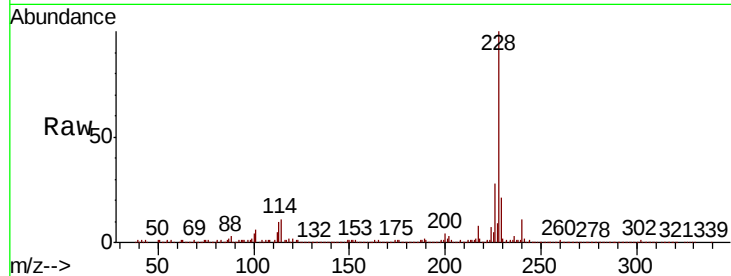




#81
Benzo(a)anthracene
Concen: 30.475 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

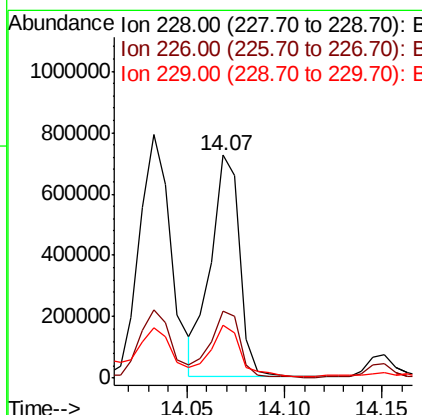
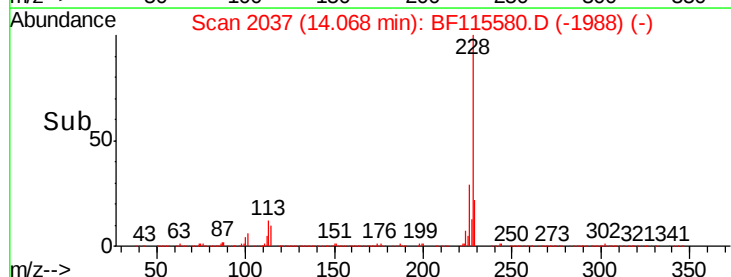
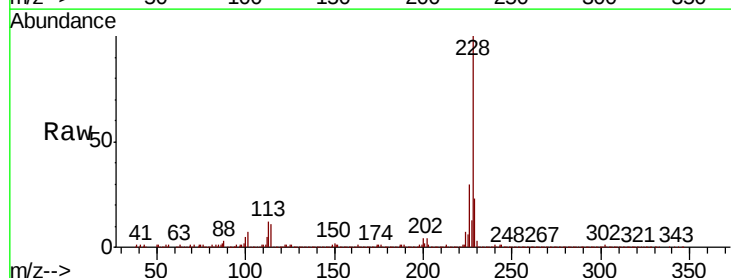
Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

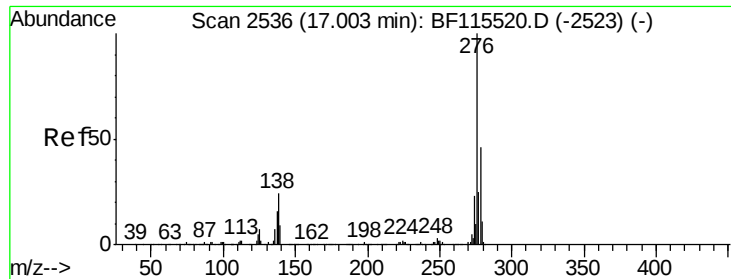
Tot Ion:228 Resp: 895877
Ion Ratio Lower Upper
228 100
226 28.0 23.4 35.0
229 20.9 17.2 25.8



#83
Chrysene
Concen: 25.247 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115580.D
Acq: 16 Jul 2019 1:52

Tgt Ion:228 Resp: 745048
Ion Ratio Lower Upper
228 100
226 29.8 25.7 38.5
229 23.5 16.6 25.0

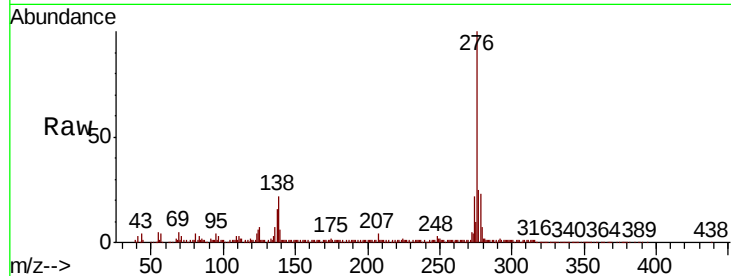




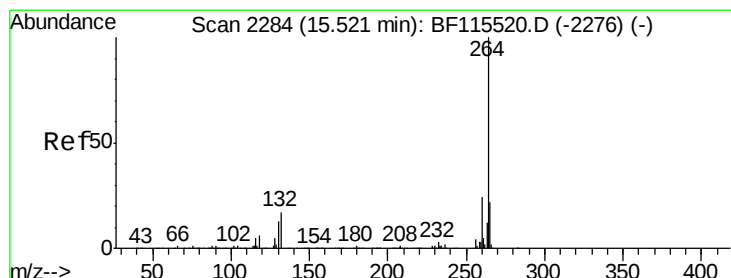
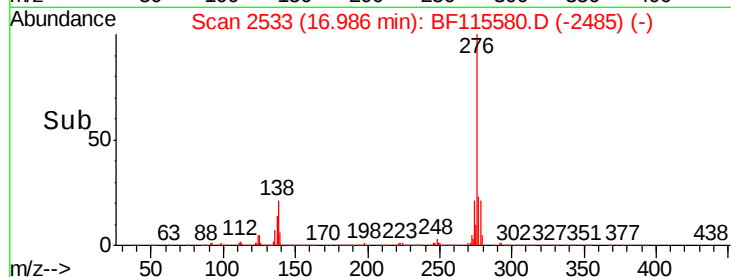
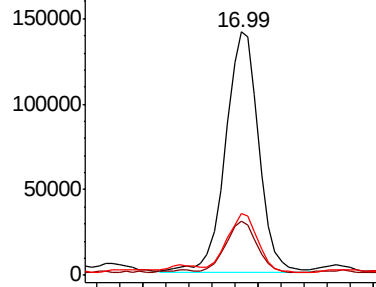
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.262 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.02 min
 Lab File: BF115580.D
 Acq: 16 Jul 2019 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.2	30.2#
277	22.4	20.4	30.6

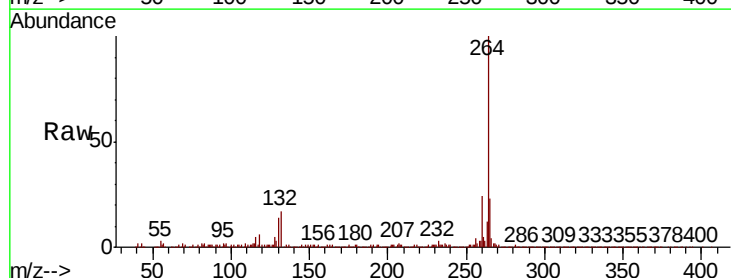


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

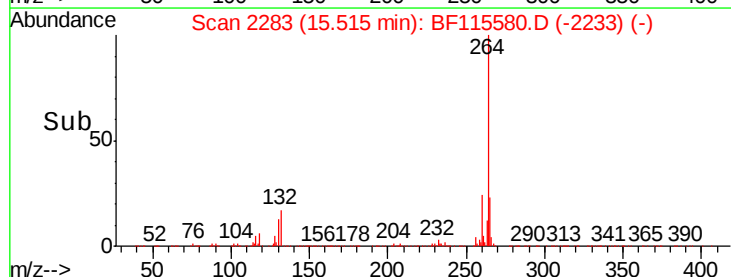
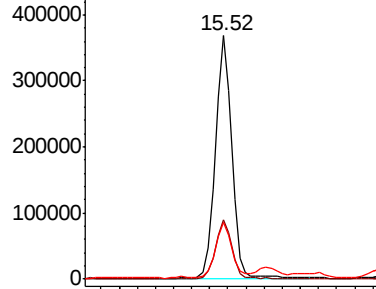


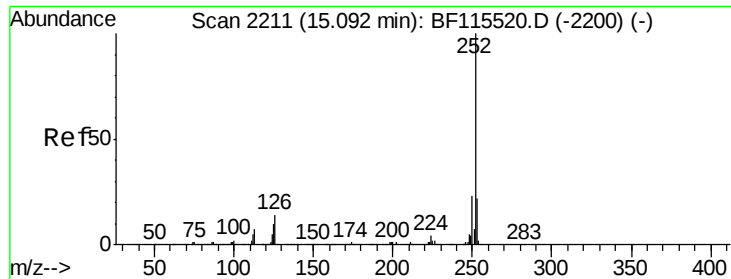
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115580.D
 Acq: 16 Jul 2019 1:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	23.1	17.7	26.5



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





#88

Benzo(b)fluoranthene

Concen: 25.839 ng m

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

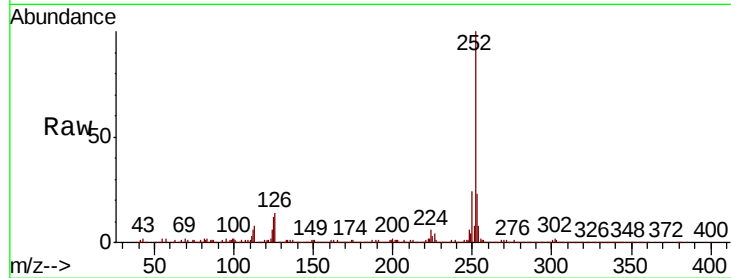
Tot Ion:252 Resp: 776071

Ion Ratio Lower Upper

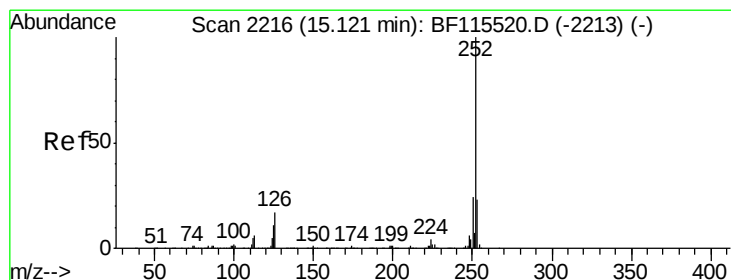
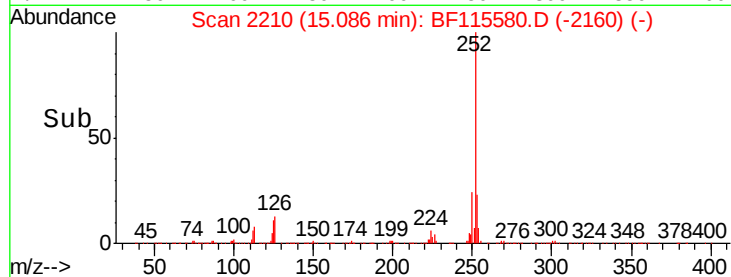
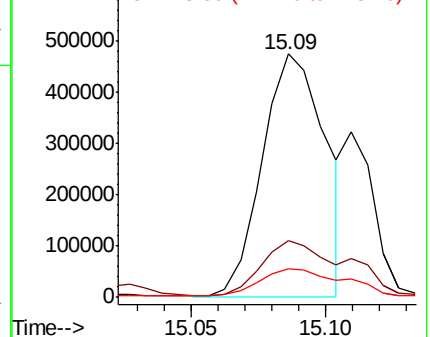
252 100

253 23.4 18.1 27.1

125 11.7 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 9.335 ng m

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

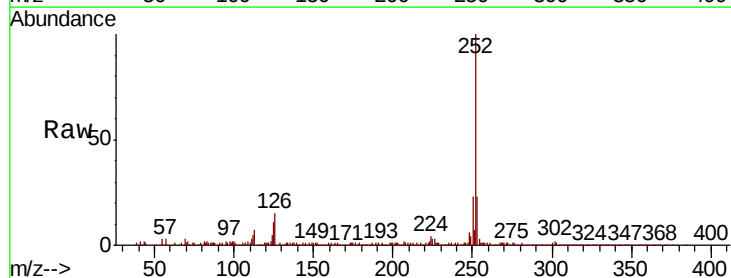
Tgt Ion:252 Resp: 249981

Ion Ratio Lower Upper

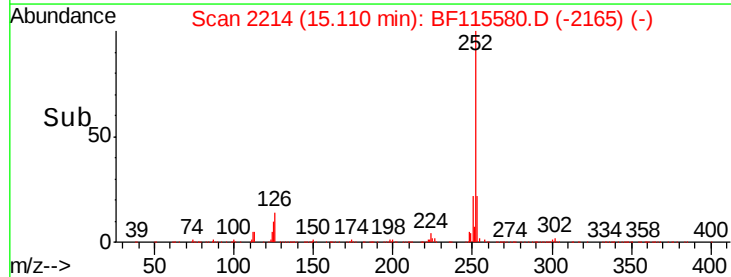
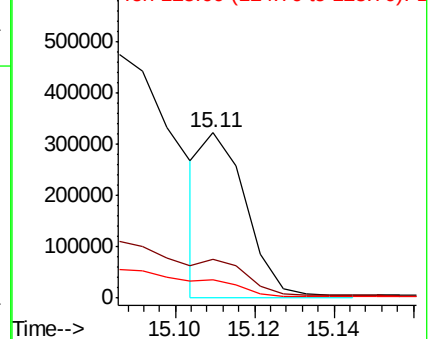
252 100

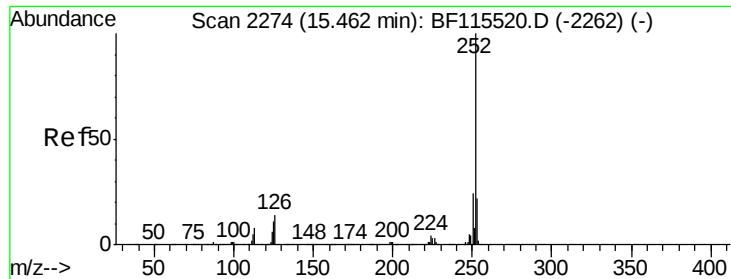
253 23.2 18.6 28.0

125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.432 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

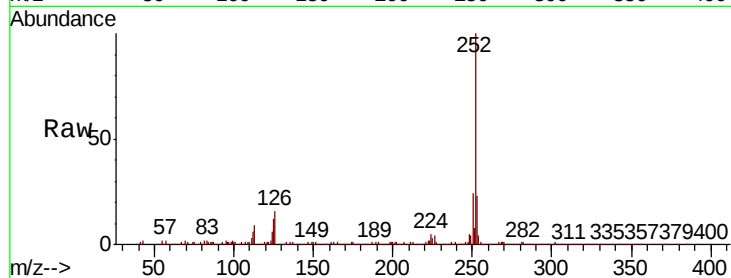
Tot Ion:252 Resp: 527442

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

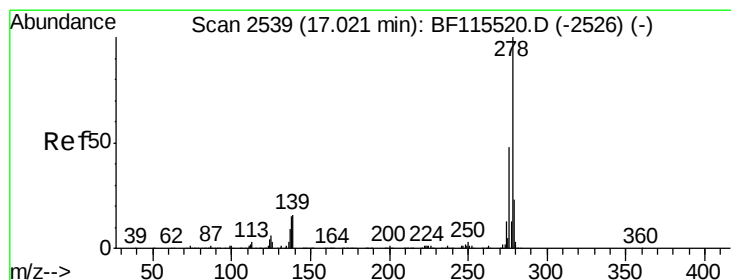
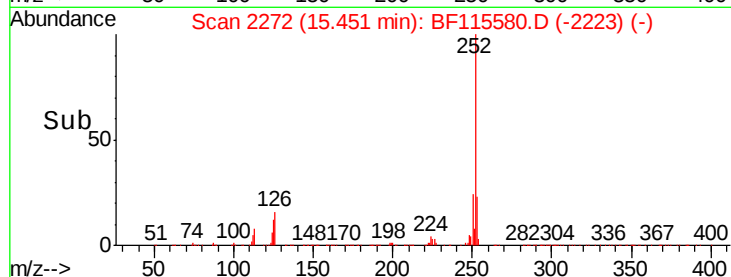
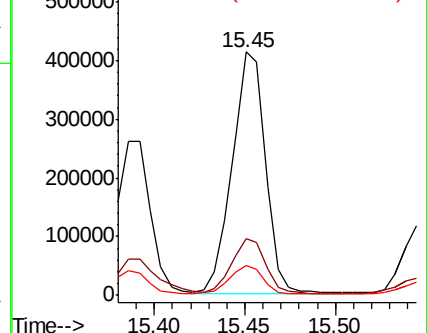
125 12.5 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.444 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115580.D

Acq: 16 Jul 2019 1:52

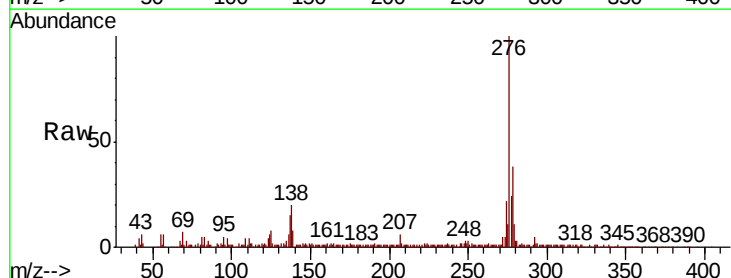
Tgt Ion:278 Resp: 78049

Ion Ratio Lower Upper

278 100

139 20.4 13.1 19.7#

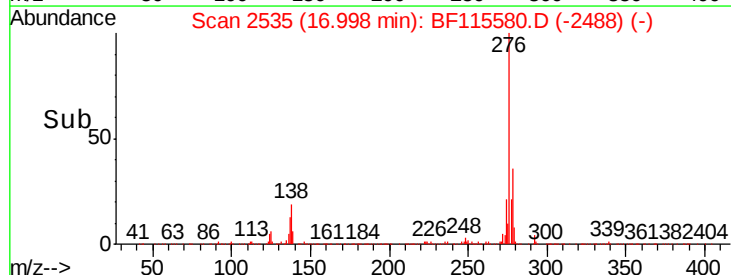
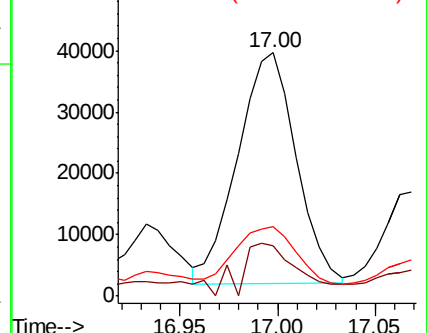
279 28.5 19.6 29.4

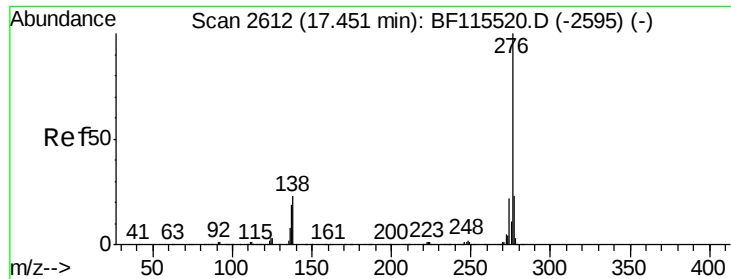


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

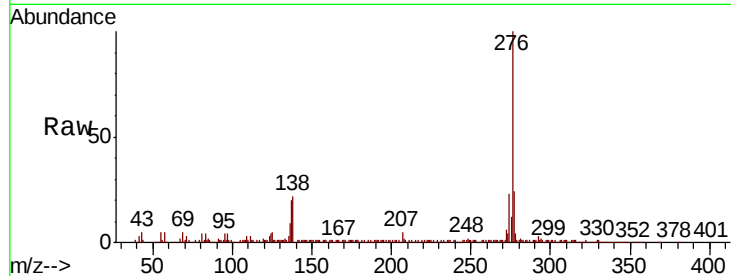




#92
 Benzo(a,h,i)perylene
 Concen: 11.135 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF115580.D
 Acq: 16 Jul 2019 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	21.7	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

