

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115318.D
 Acq On : 29 Jun 2019 13:06
 Operator : HP/JU
 Sample : K3531-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

Quant Time: Jun 30 01:43:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

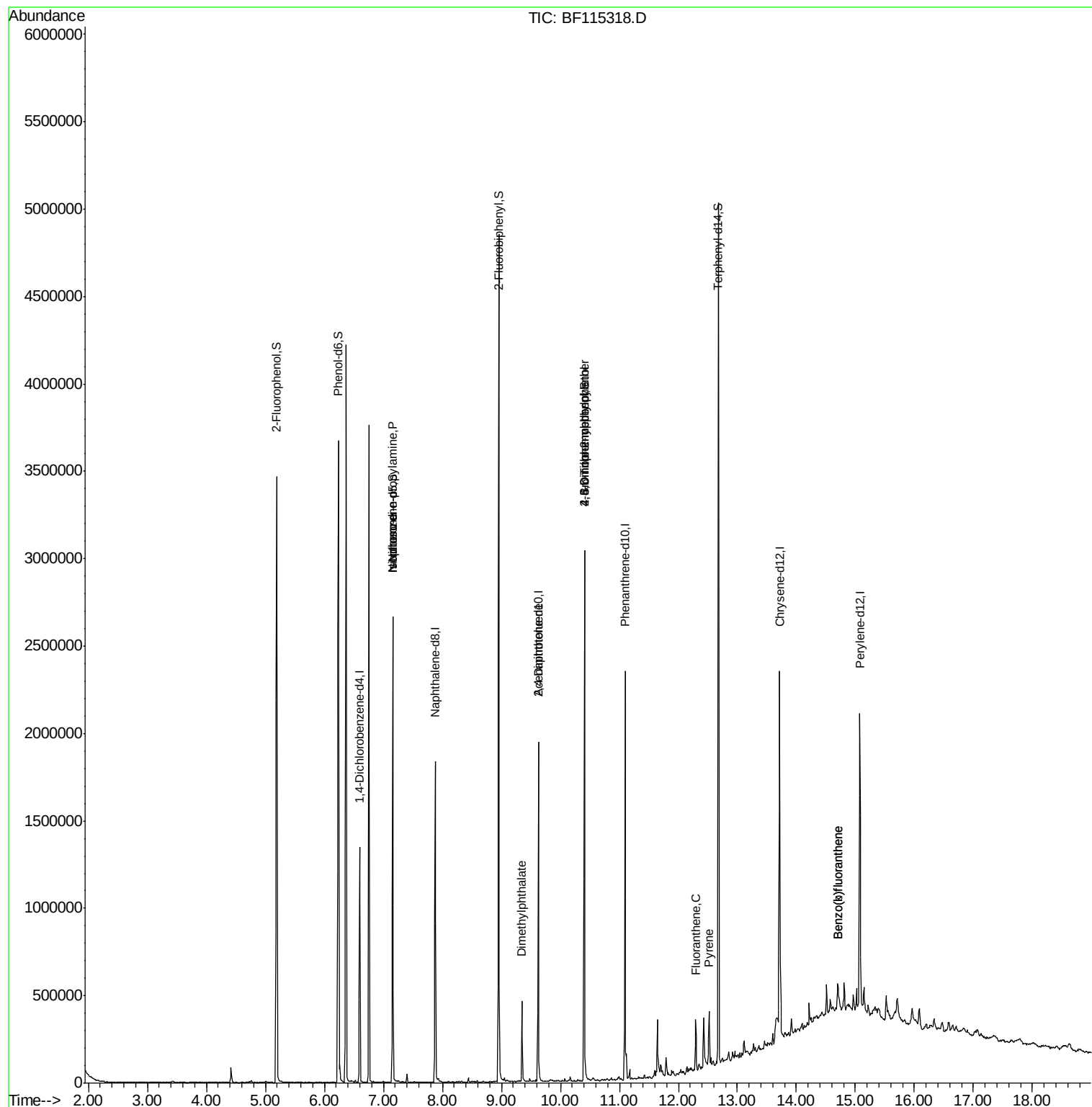
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191760	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	752777	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	371445	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	755339	20.00	ng	0.00
76) Chrysene-d12	13.71	240	666036	20.00	ng	0.00
87) Perylene-d12	15.08	264	689439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1103614	88.81	ng	0.00
7) Phenol-d6	6.24	99	1406393	93.25	ng	0.00
23) Nitrobenzene-d5	7.16	82	827801	67.65	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	404032	103.15	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1560323	71.35	ng	0.00
79) Terphenyl-d14	12.68	244	1851497	59.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	109521	11.342	ng	# 78
25) Isophorone	7.16	82	827790	33.021	ng	# 63
50) Dimethylphthalate	9.35	163	179834	6.581	ng	99
57) 2,4-Dinitrotoluene	9.62	165	49163	6.035	ng	# 30
58) Fluorene	10.17	166	4492	Below Cal		97
65) 4,6-Dinitro-2-methylphenol	10.41	198	808	5.140	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	25131	3.069	ng	# 1
75) Fluoranthene	12.30	202	113830	2.805	ng	96
78) Pyrene	12.52	202	117130	2.288	ng	97
88) Benzo(b)fluoranthene	14.70	252	99905	2.322	ng	# 91
89) Benzo(k)fluoranthene	14.70	252	99905	2.590	ng	# 94

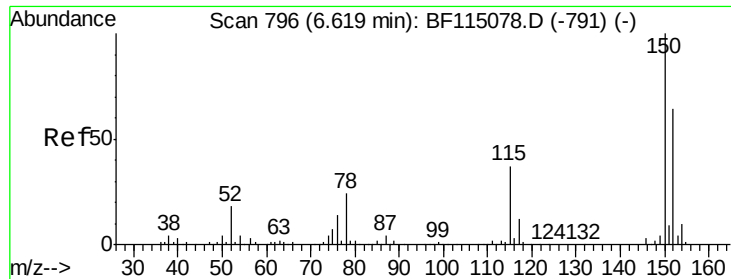
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115318.D
Acq On : 29 Jun 2019 13:06
Operator : HP/JU
Sample : K3531-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Quant Time: Jun 30 01:43:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



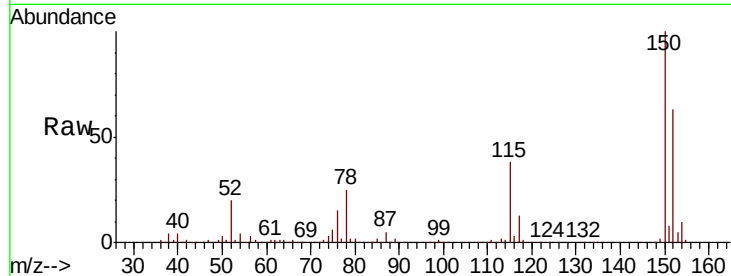


#1

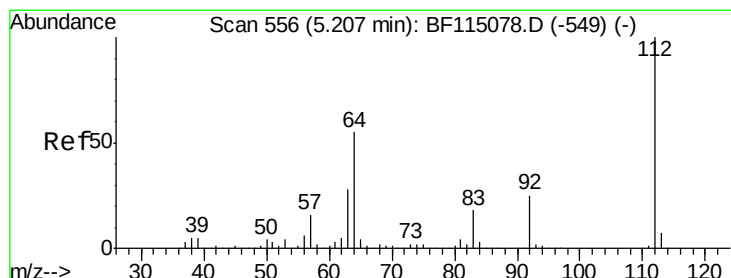
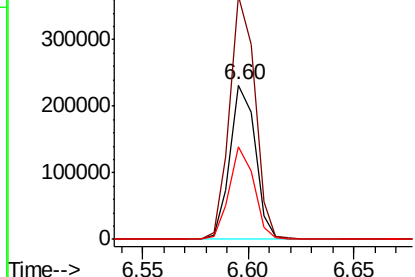
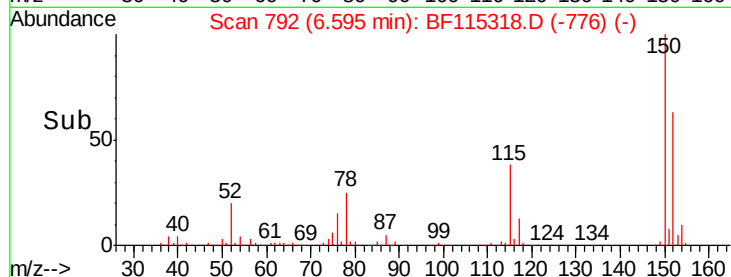
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:152 Resp: 191760
Ion Ratio Lower Upper
152 100
150 157.9 124.2 186.2
115 60.2 46.1 69.1



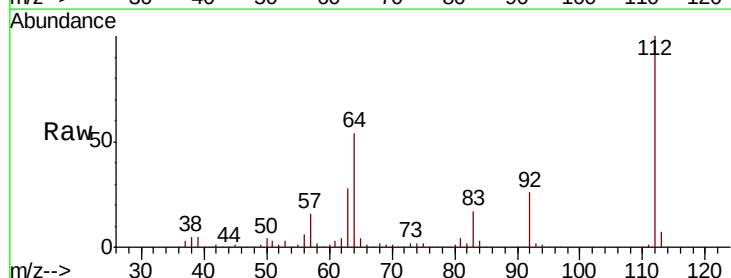
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



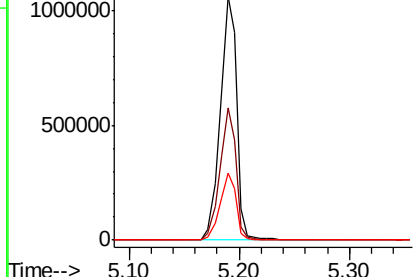
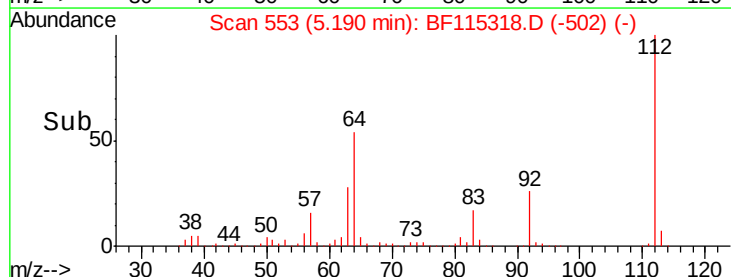
#5

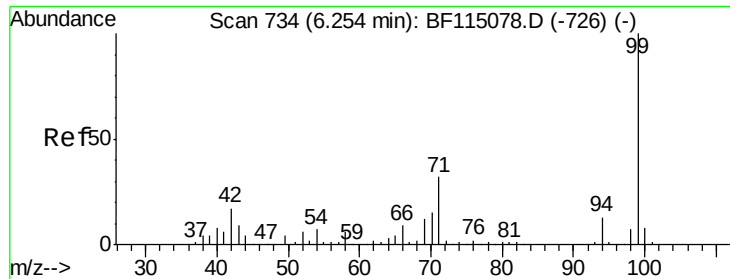
2-Fluorophenol
Concen: 88.812 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:112 Resp: 1103614
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.6
63 27.7 22.2 33.4



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: 93.246 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

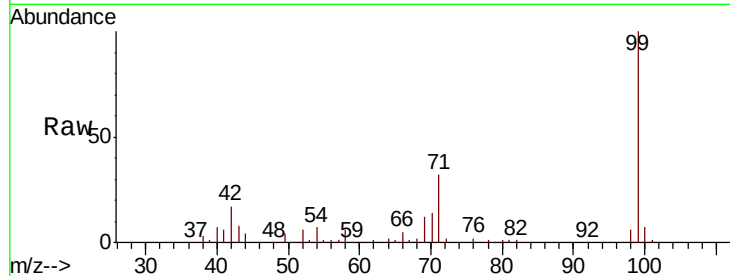
Tgt Ion: 99 Resp: 1406393

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

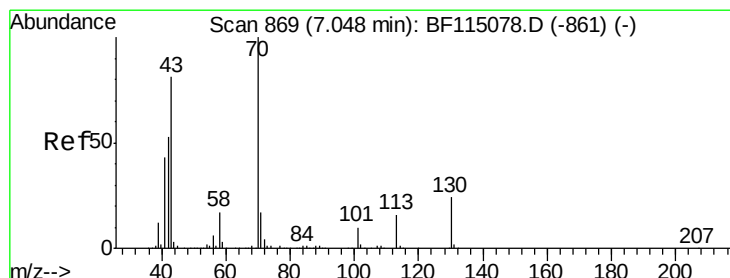
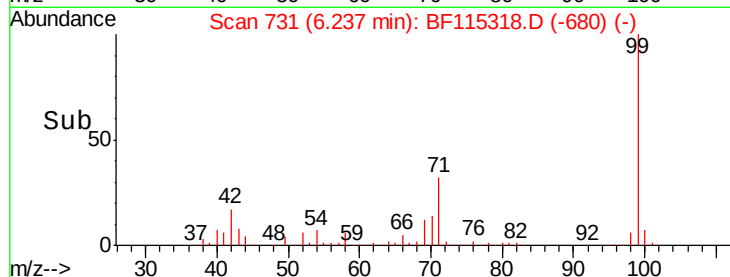
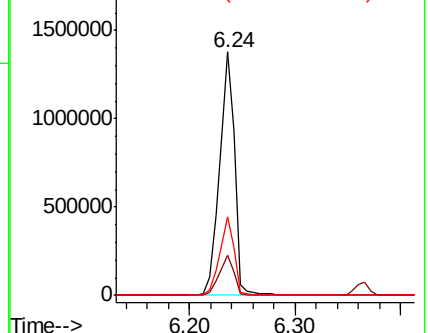
71 32.1 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.342 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Tgt Ion: 70 Resp: 109521

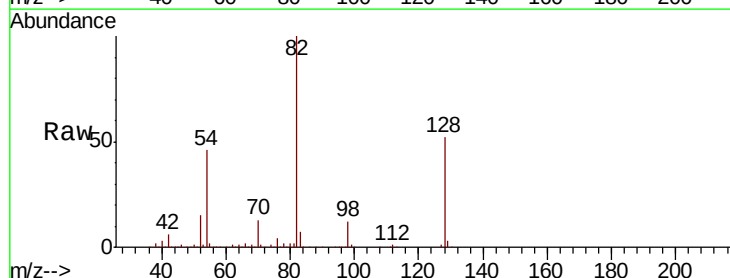
Ion Ratio Lower Upper

70 100

42 45.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

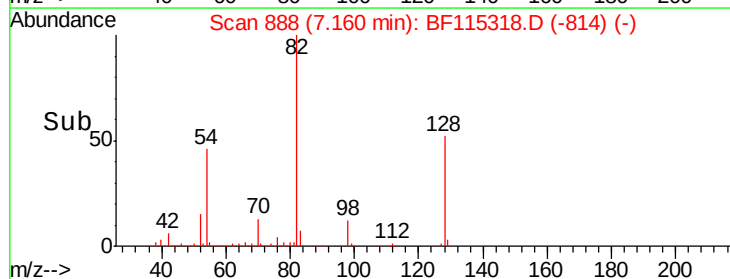
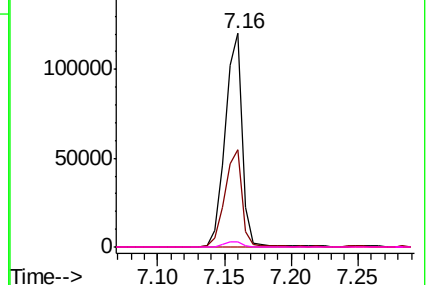


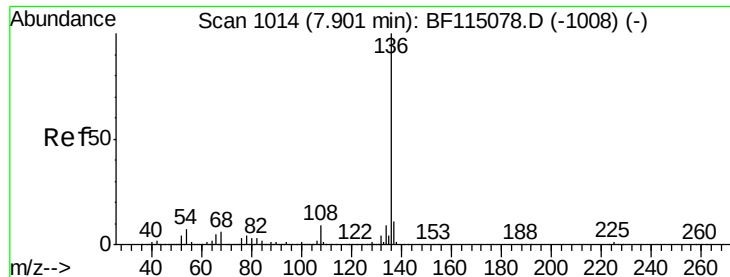
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

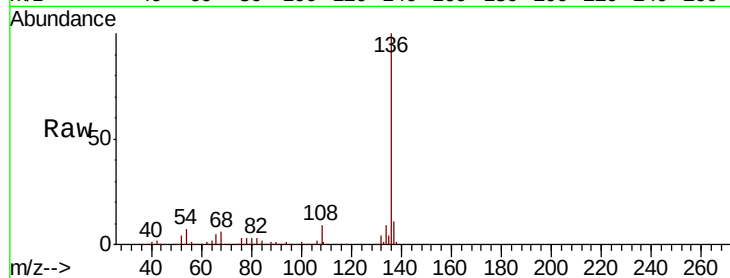




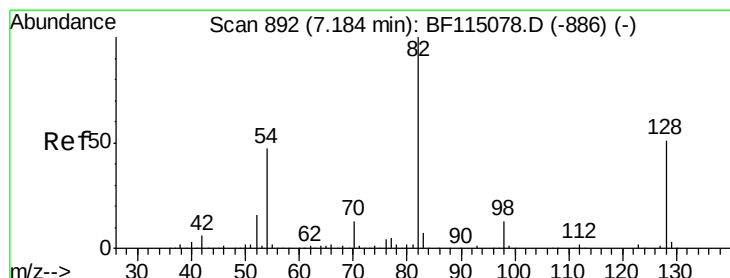
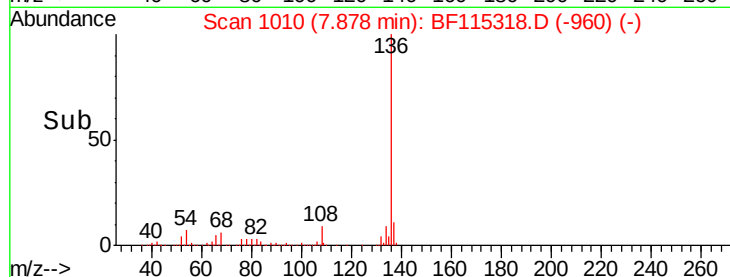
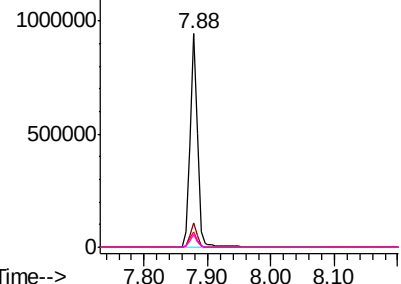
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:	136	Resp:	752777
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	5.6	8.4
68	6.2	4.8	7.2

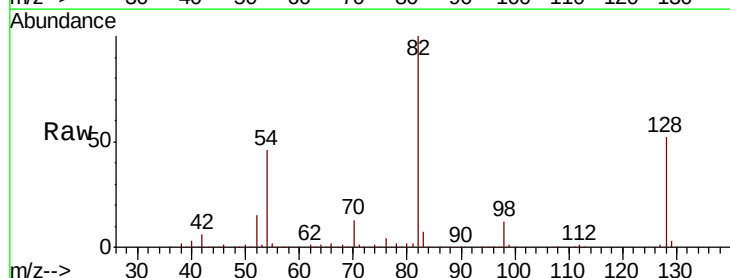


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

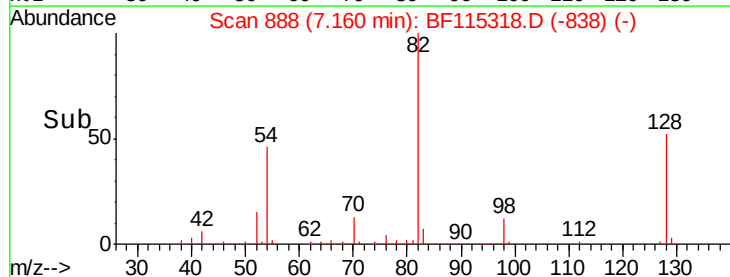
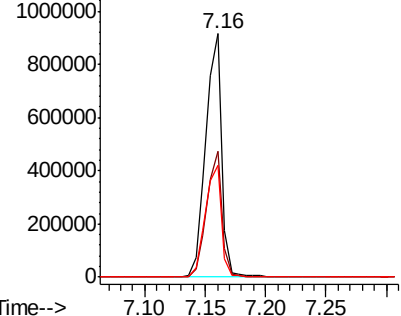


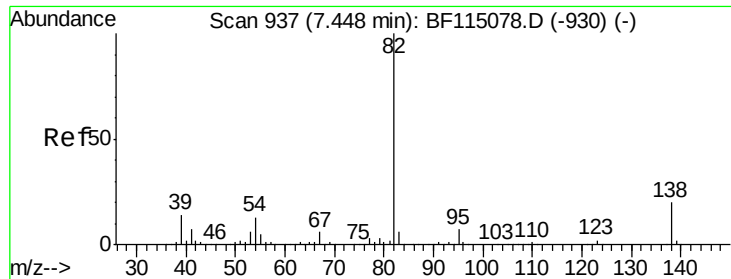
#23
Nitrobenzene-d5
Concen: 67.646 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:	82	Resp:	827801
Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.4	60.6
54	46.1	37.5	56.3



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





#25

Isophorone

Concen: 33.021 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

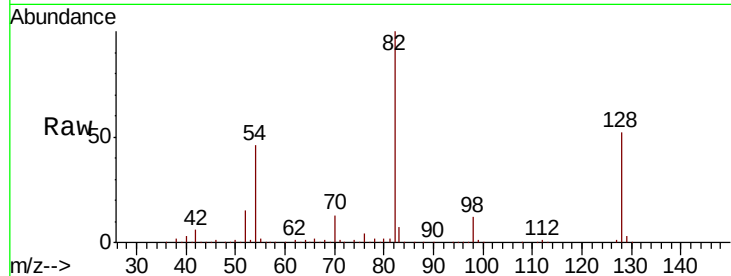
Tgt Ion: 82 Resp: 827790

Ion Ratio Lower Upper

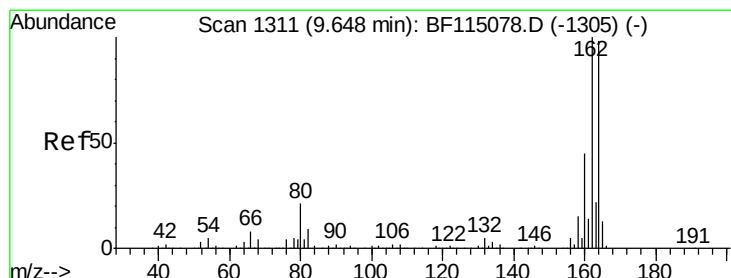
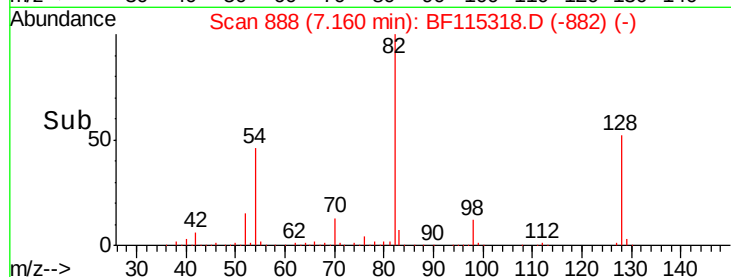
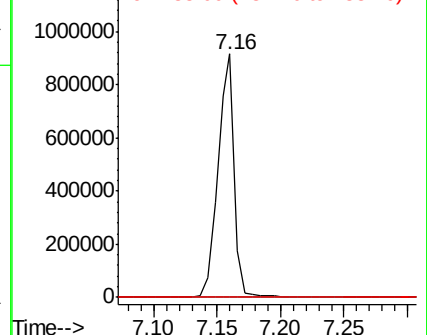
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

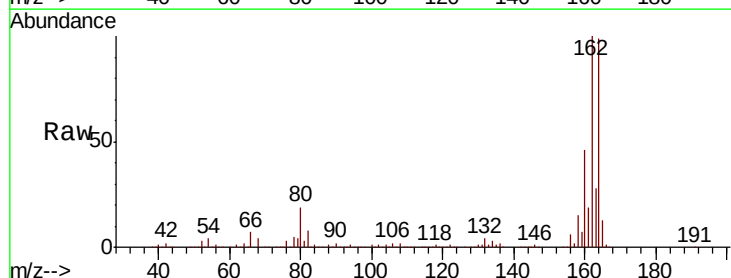
Tgt Ion: 164 Resp: 371445

Ion Ratio Lower Upper

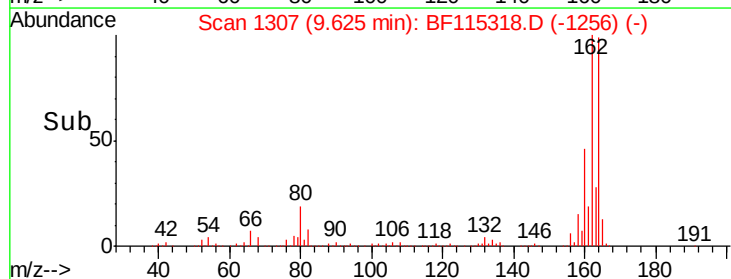
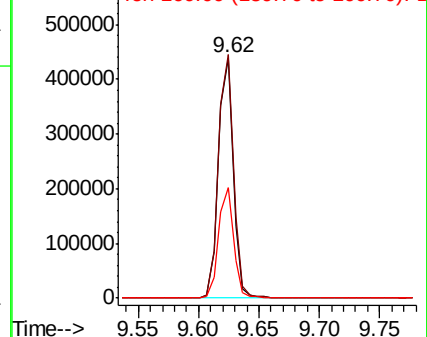
164 100

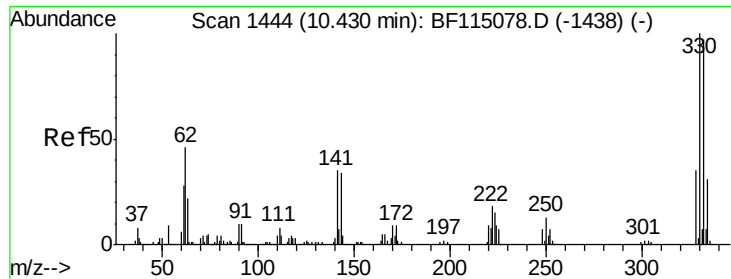
162 101.3 81.7 122.5

160 46.2 37.0 55.4



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

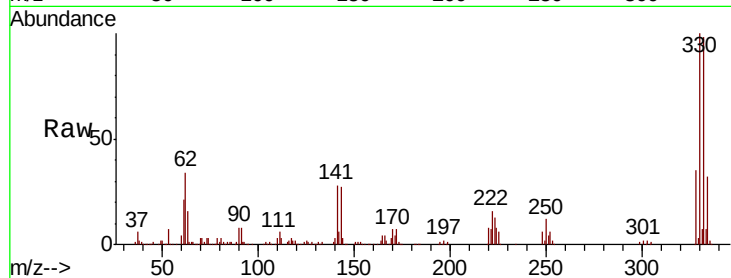




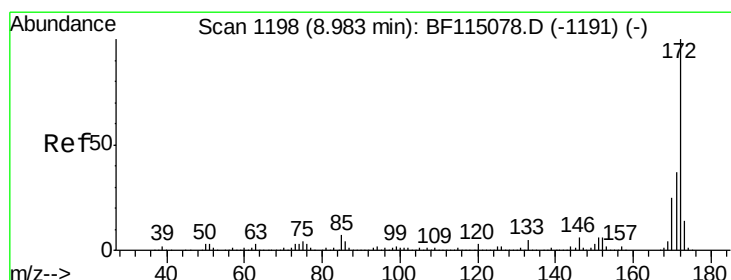
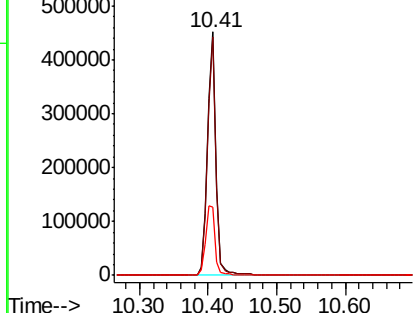
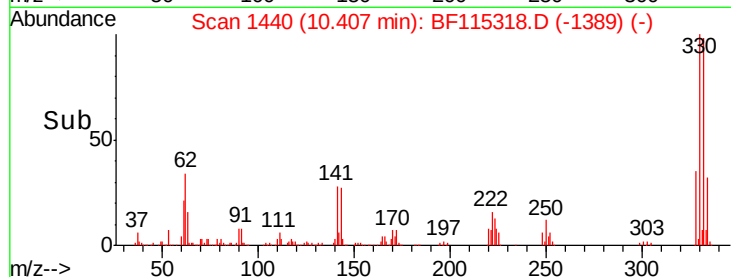
#42
 2,4,6-Tribromophenol
 Concen: 103.148 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

Tgt Ion:330 Resp: 404032
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 32.3 28.2 42.2

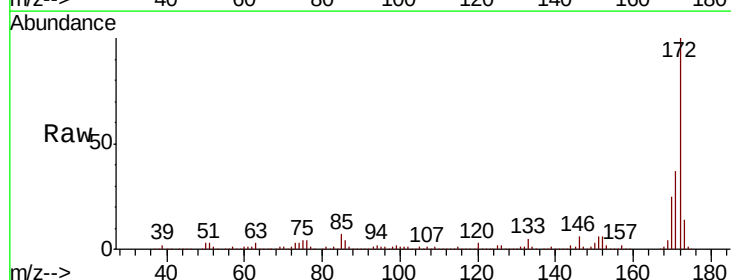


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

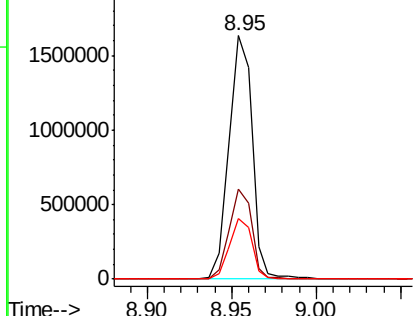
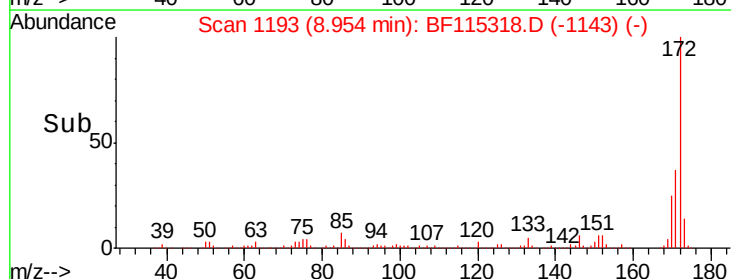


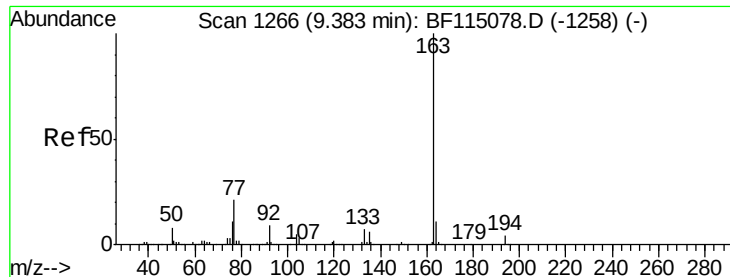
#45
 2-Fluorobiphenyl
 Concen: 71.354 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Tgt Ion:172 Resp: 1560323
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.6 20.3 30.5



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





#50

Dimethylphthalate

Concen: 6.581 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

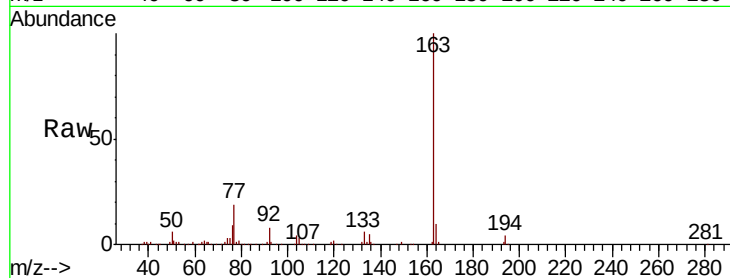
Tgt Ion:163 Resp: 179834

Ion Ratio Lower Upper

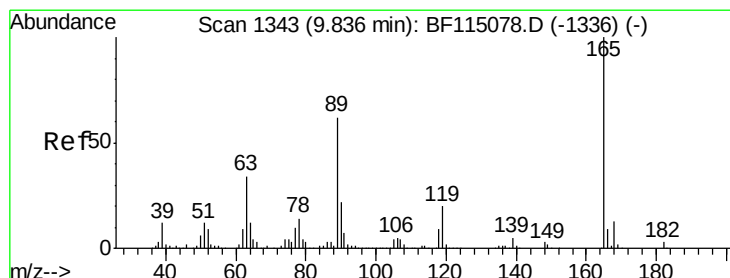
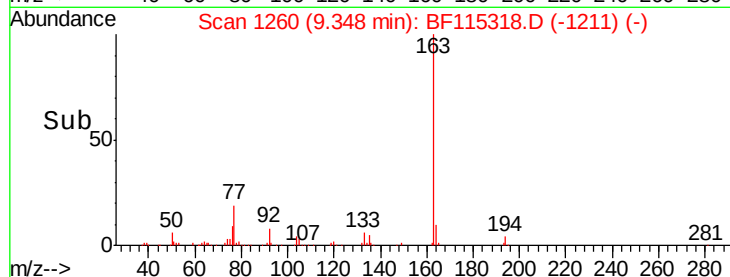
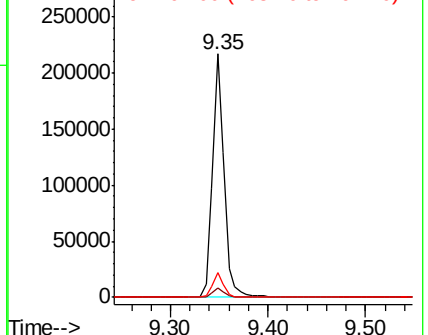
163 100

194 3.8 3.2 4.8

164 10.2 8.6 13.0



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



#57

2,4-Dinitrotoluene

Concen: 6.035 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.19 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Tgt Ion:165 Resp: 49163

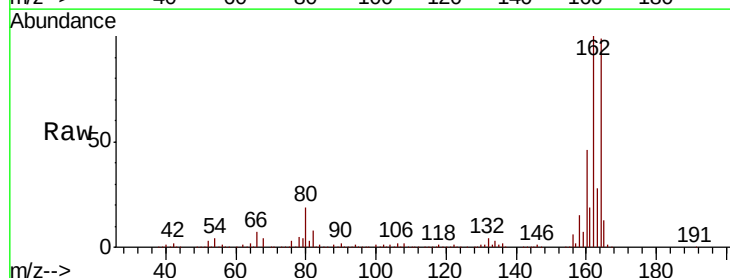
Ion Ratio Lower Upper

165 100

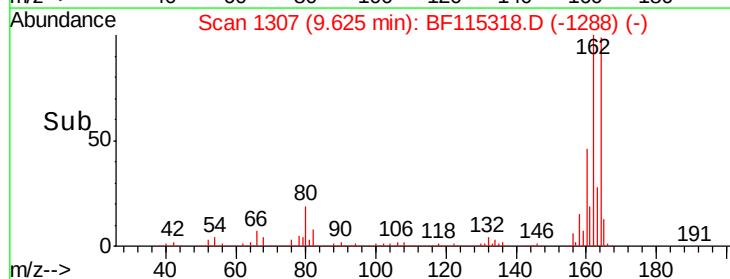
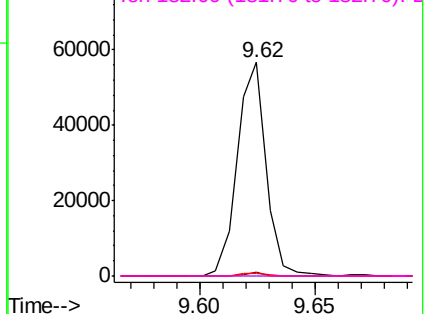
63 1.5 27.5 41.3#

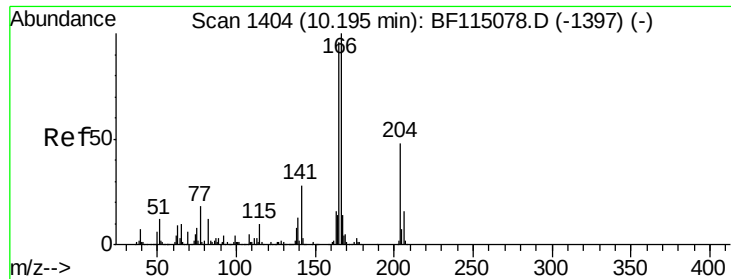
89 1.3 49.9 74.9#

182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

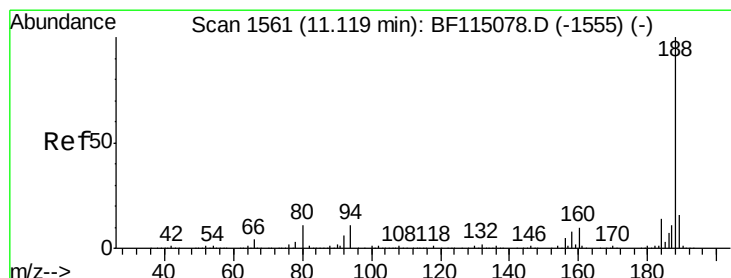
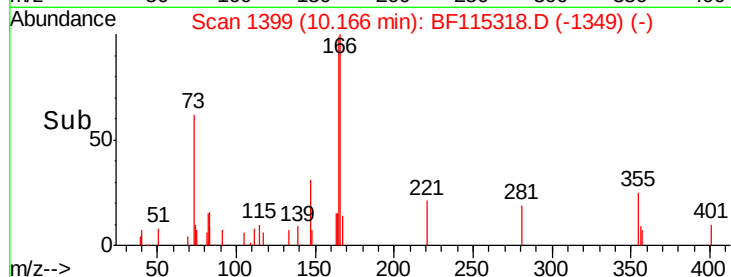
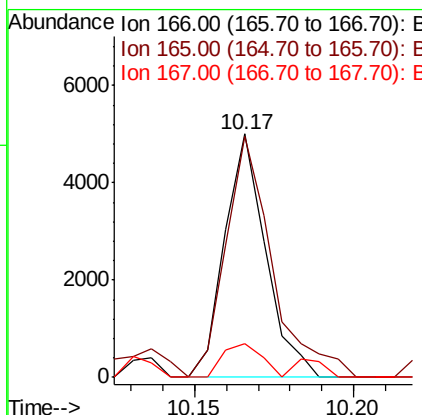
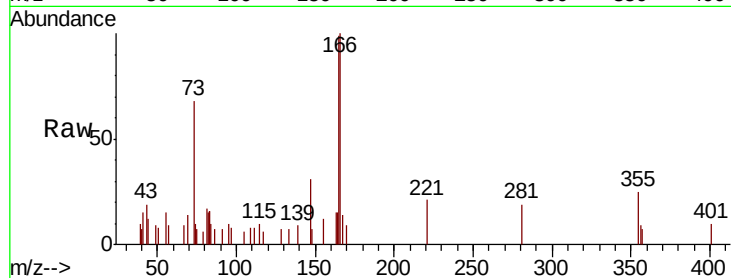




#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

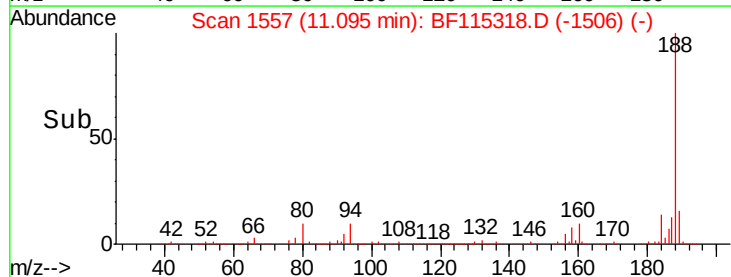
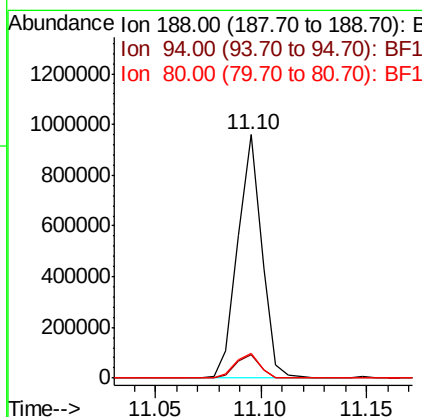
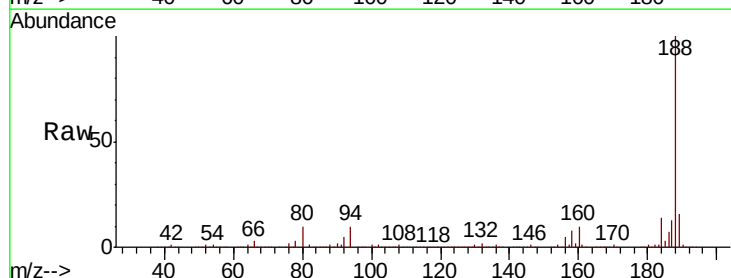
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

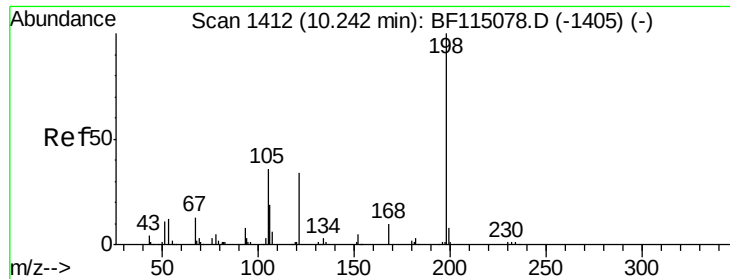
Tgt Ion:166 Resp: 4492
 Ion Ratio Lower Upper
 166 100
 165 99.2 76.5 114.7
 167 14.0 11.0 16.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Tgt Ion:188 Resp: 755339
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.6 12.8
 80 10.1 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.140 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

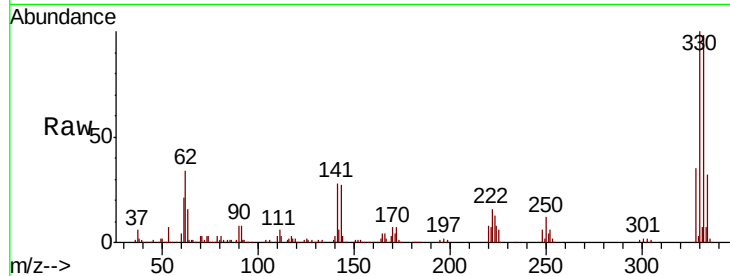
Tgt Ion:198 Resp: 808

Ion Ratio Lower Upper

198 100

51 142.0 11.0 51.0#

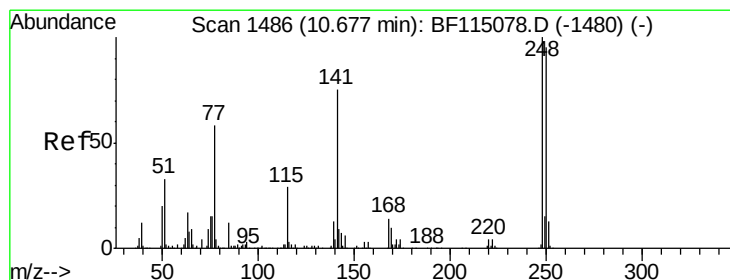
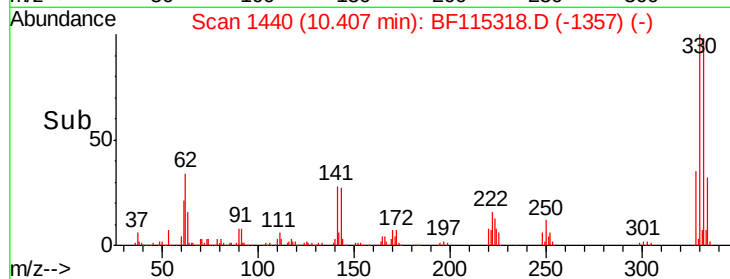
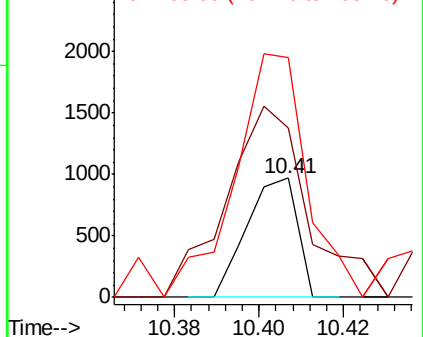
105 201.6 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.069 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

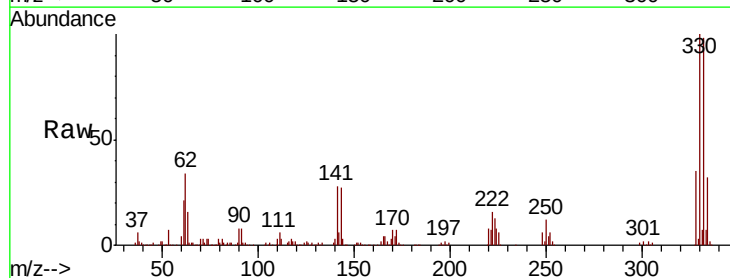
Tgt Ion:248 Resp: 25131

Ion Ratio Lower Upper

248 100

250 201.2 76.2 114.2#

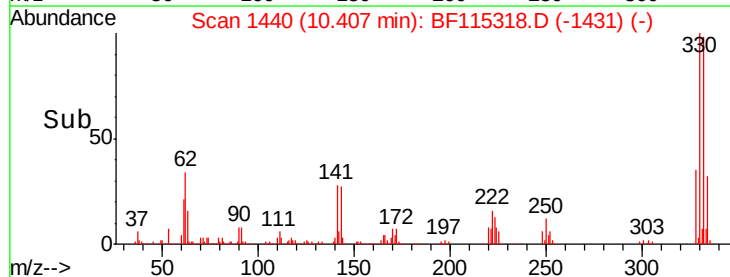
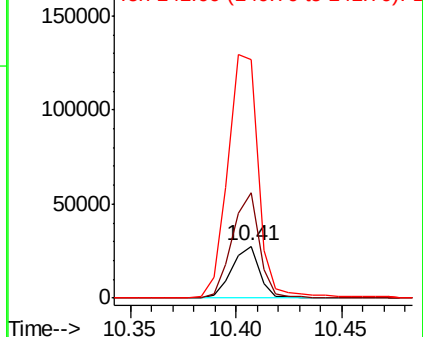
141 458.5 59.6 89.4#

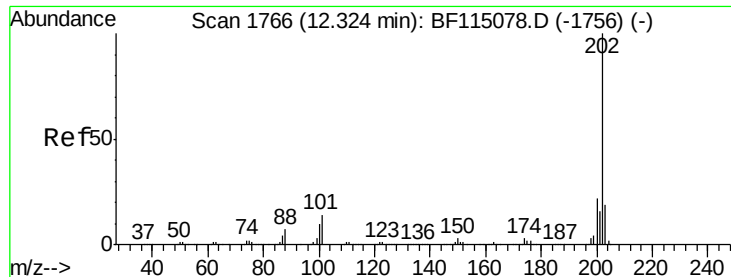


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.805 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

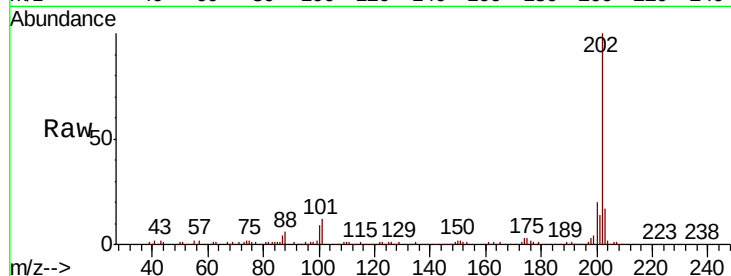
Tgt Ion: 202 Resp: 113830

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.0

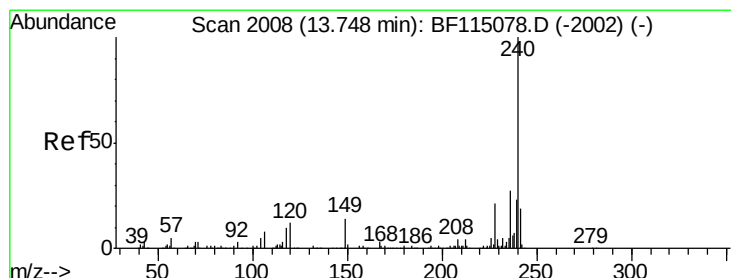
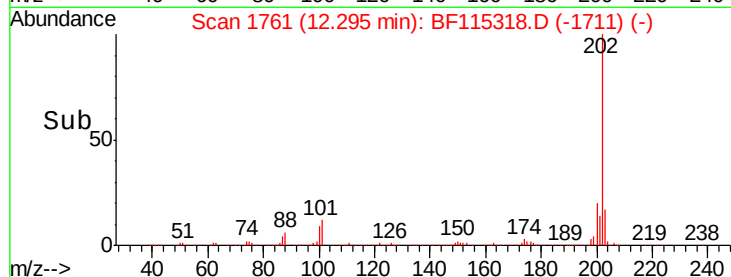
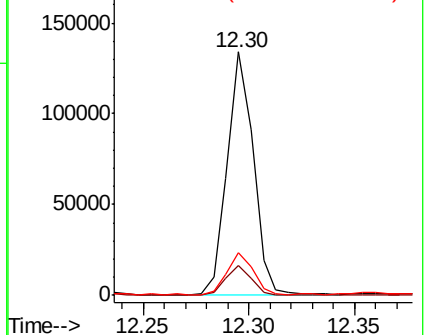
203 17.4 0.0 38.8



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

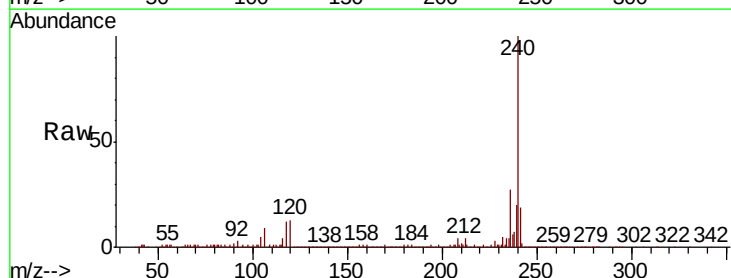
Tgt Ion: 240 Resp: 666036

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

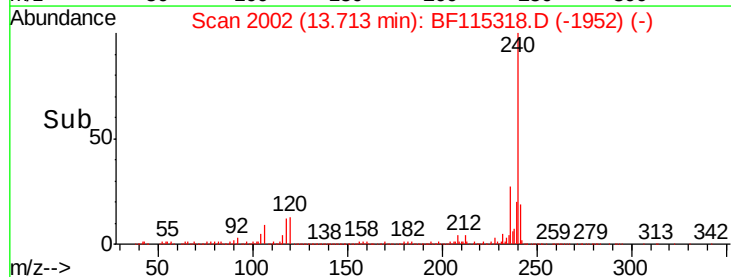
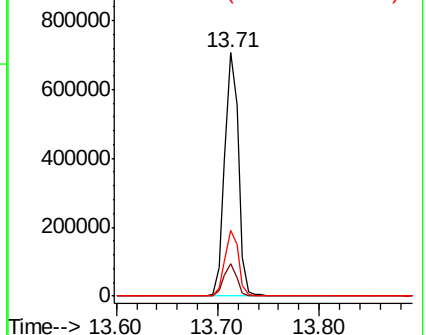
236 27.1 21.7 32.5

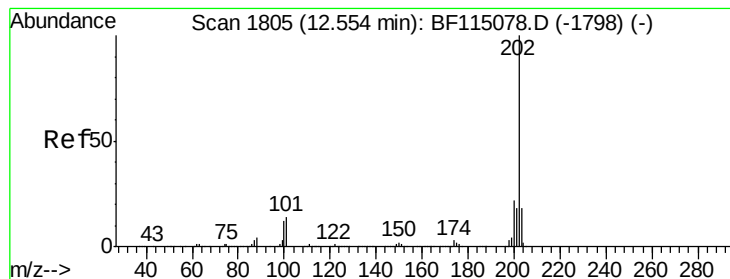


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.288 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

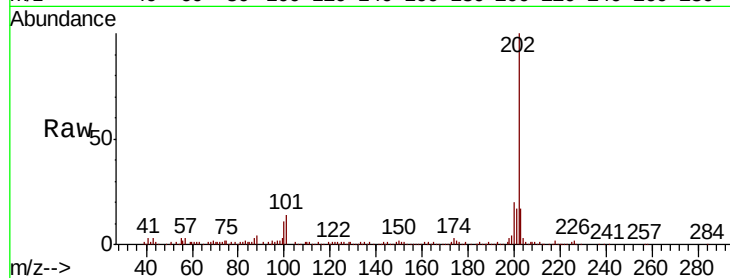
Tgt Ion: 202 Resp: 117130

Ion Ratio Lower Upper

202 100

200 20.3 17.9 26.9

203 17.4 14.6 21.8

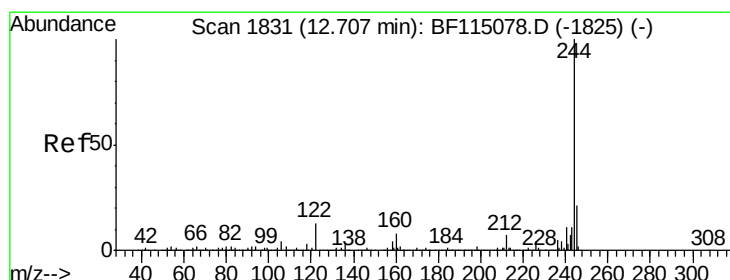
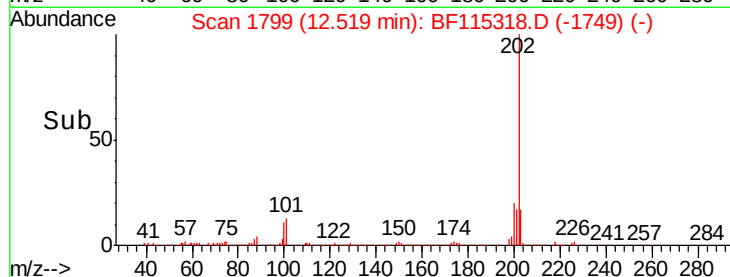
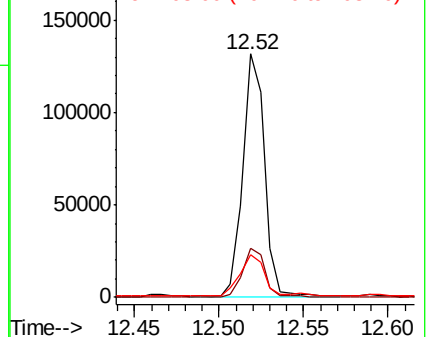


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.104 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

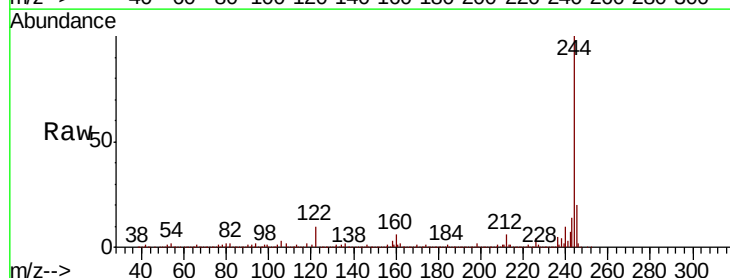
Tgt Ion: 244 Resp: 1851497

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 10.4 10.4 15.6

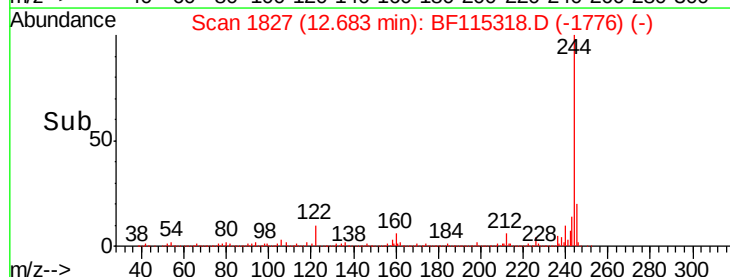
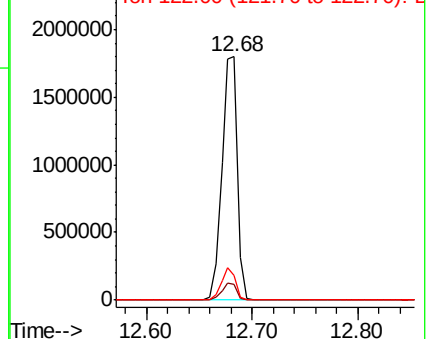


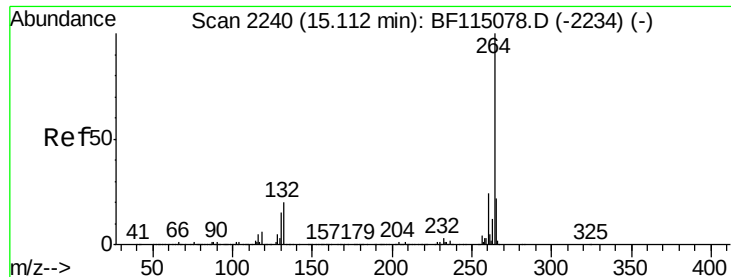
Abundance

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

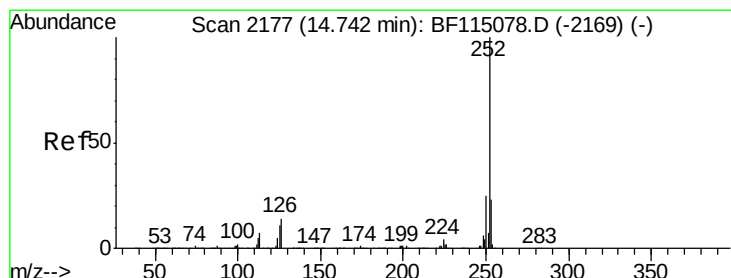
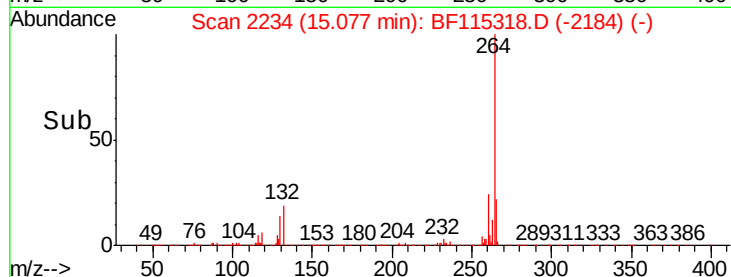
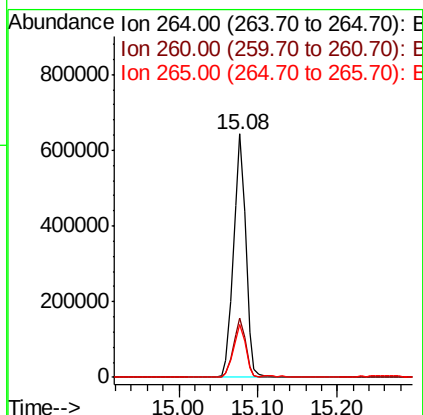
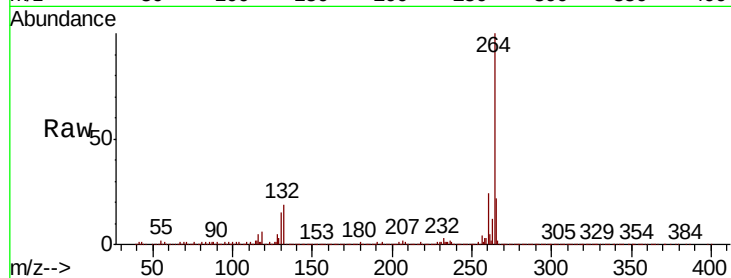




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

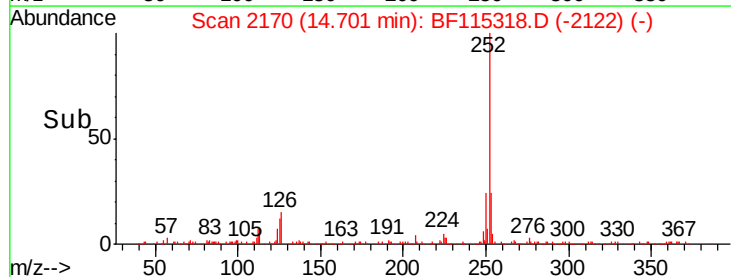
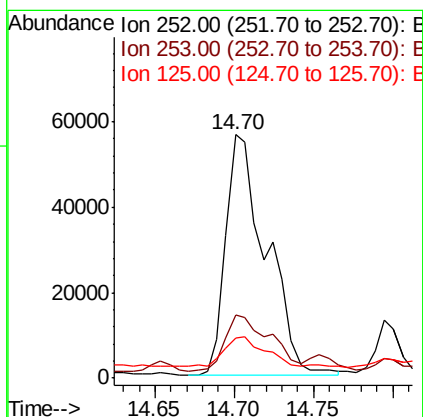
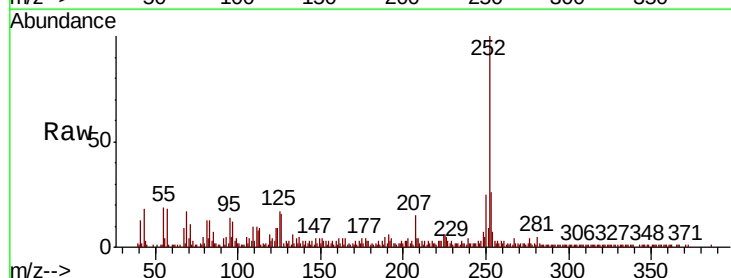
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

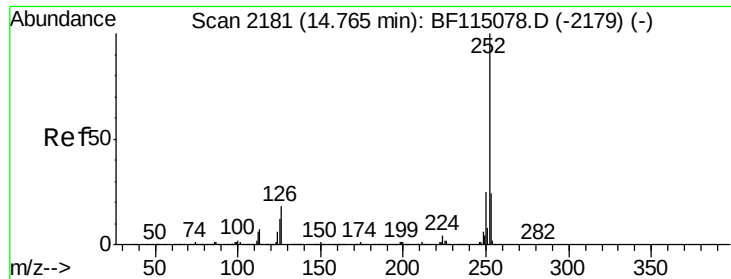
Tgt Ion:264 Resp: 689439
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.7 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 2.322 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:252 Resp: 99905
Ion Ratio Lower Upper
252 100
253 25.8 18.1 27.1
125 16.5 8.7 13.1#

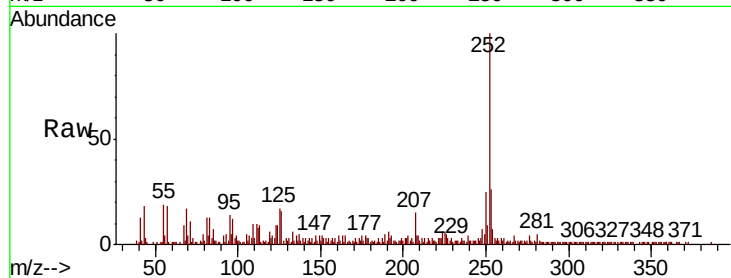




#89
 Benzo(k)fluoranthene
 Concen: 2.590 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.04 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.9	28.3
125	16.5	10.2	15.2#



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

