

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112820.D
 Acq On : 4 Mar 2019 13:23
 Operator : JU/SJ
 Sample : K1672-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-B

Quant Time: Mar 05 01:09:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

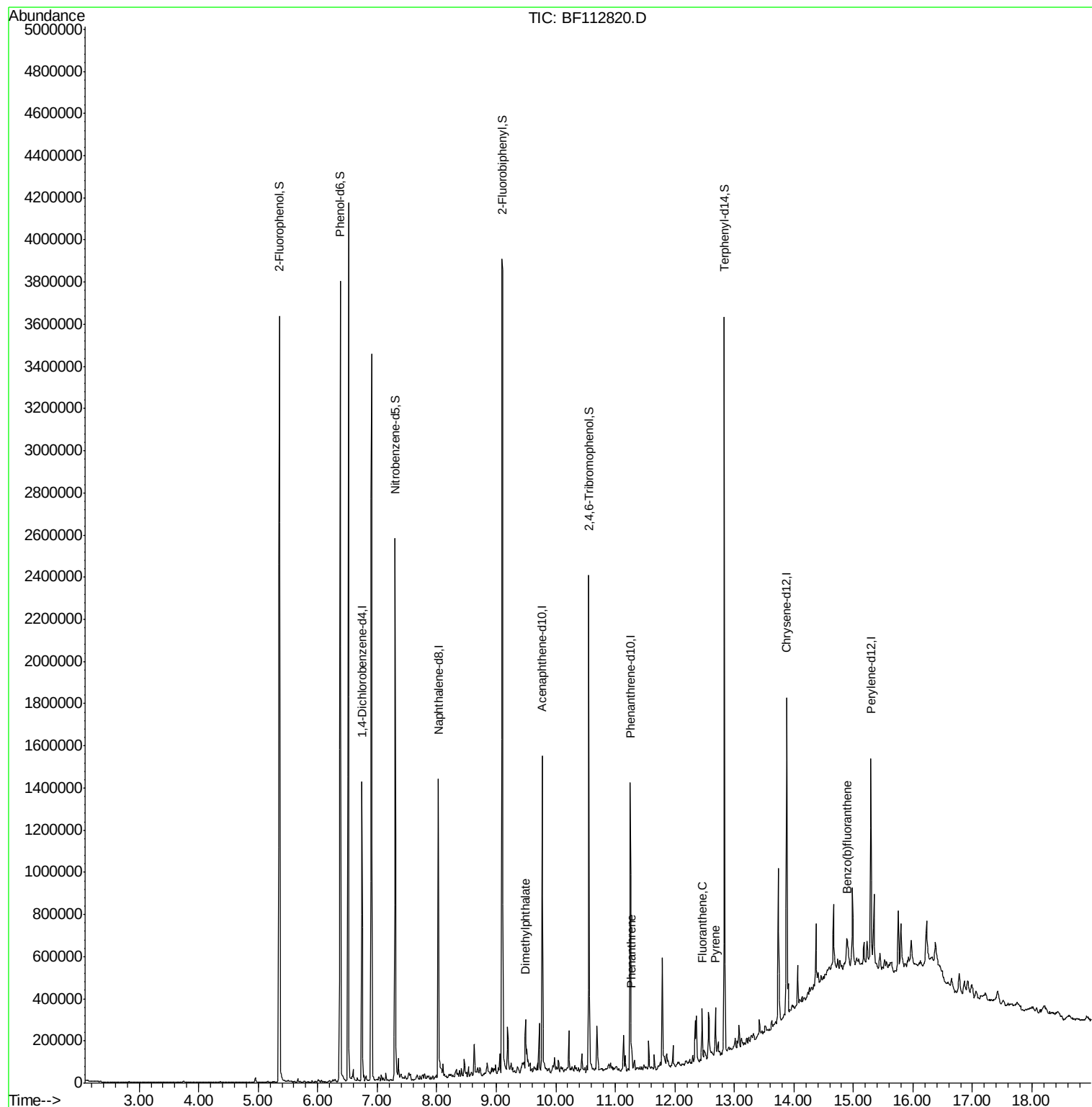
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190069	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	688790	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	284123	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	493027	20.00	ng	0.00
76) Chrysene-d12	13.88	240	491304	20.00	ng	0.00
87) Perylene-d12	15.29	264	467601	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1096596	89.75	ng	0.01
7) Phenol-d6	6.38	99	1401403	91.30	ng	0.01
23) Nitrobenzene-d5	7.30	82	837816	72.78	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	318246	105.51	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1335892	75.68	ng	0.00
79) Terphenyl-d14	12.83	244	1234121	48.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	82486	3.937	ng	98
71) Phenanthrene	11.27	178	54434	2.219	ng	99
75) Fluoranthene	12.46	202	94043	3.578	ng	98
78) Pyrene	12.69	202	93988	2.269	ng	99
88) Benzo(b)fluoranthene	14.89	252	85657m	2.832	ng	

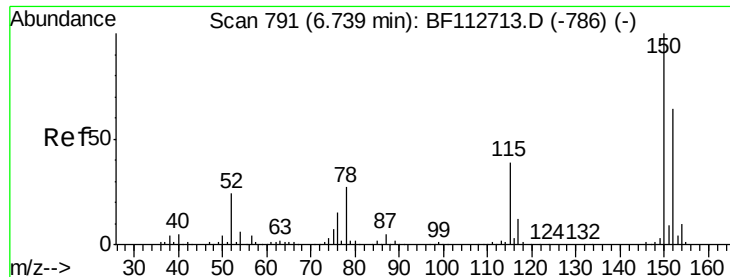
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 15:40:43 2019
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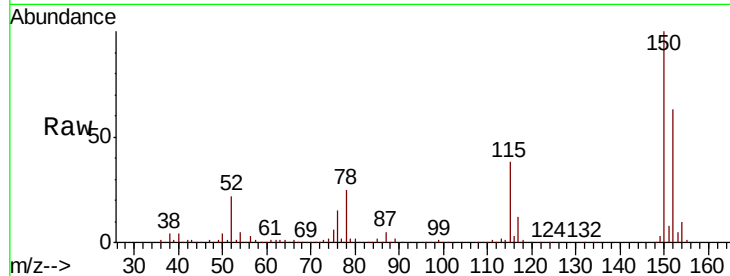


#1

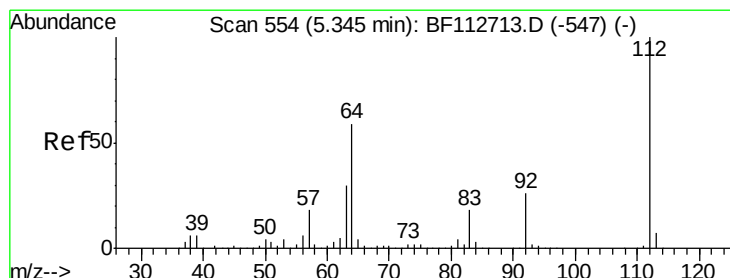
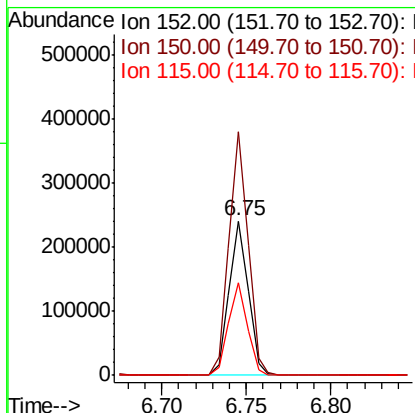
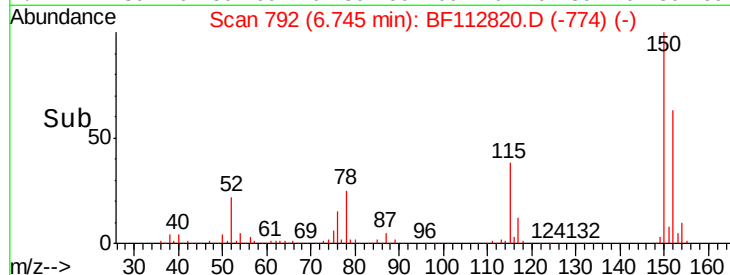
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-B

Tot Ion:152 Resp: 190069
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 60.1 48.2 72.4



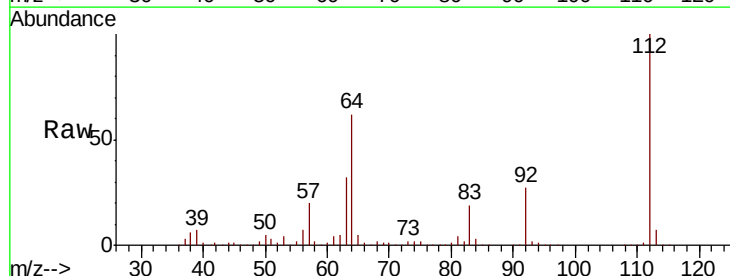
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



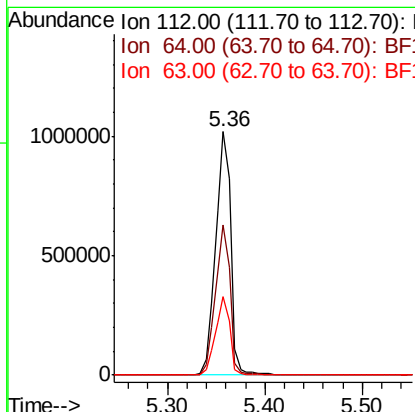
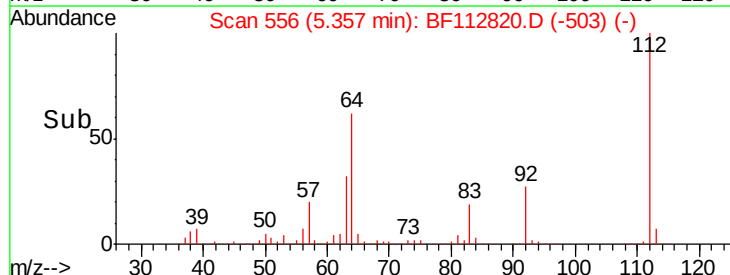
#5

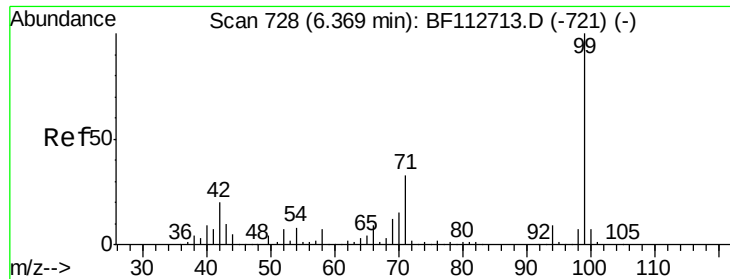
2-Fluorophenol
Concen: 89.747 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Tgt Ion:112 Resp: 1096596
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 32.4 24.4 36.6



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: 91.304 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112820.D

Acq: 4 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

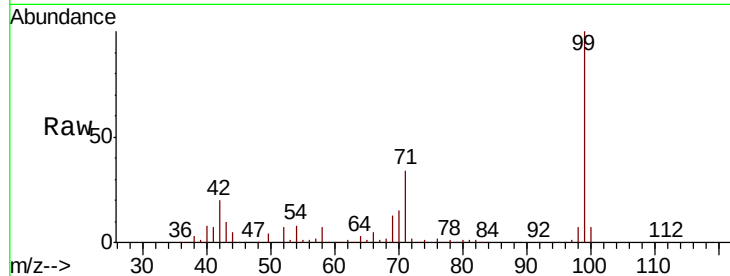
Tot Ion: 99 Resp: 1401403

Ion Ratio Lower Upper

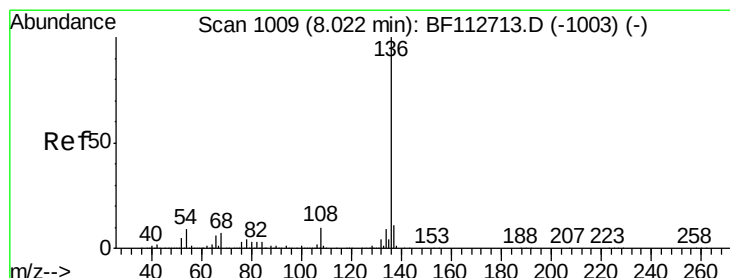
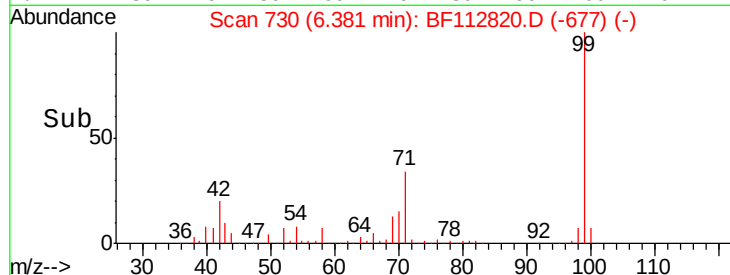
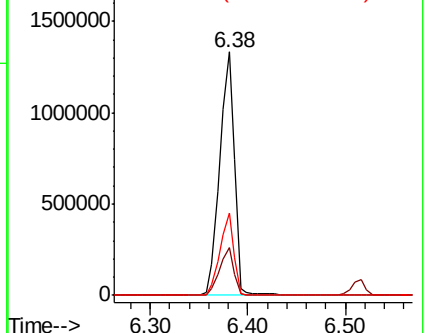
99 100

42 19.9 16.3 24.5

71 33.9 26.2 39.4



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: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112820.D

Acq: 4 Mar 2019 13:23

Tgt Ion: 136 Resp: 688790

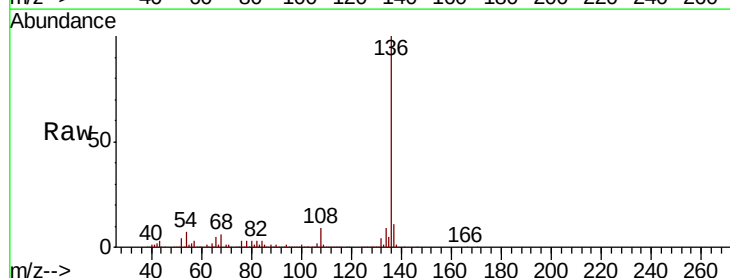
Ion Ratio Lower Upper

136 100

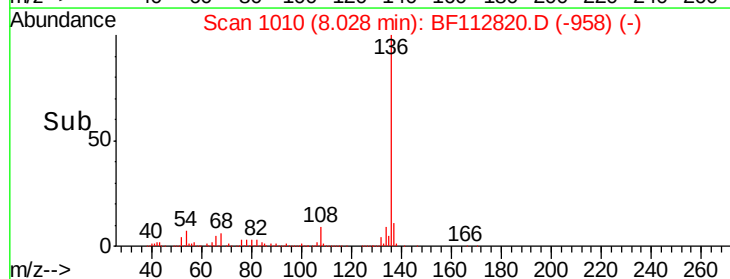
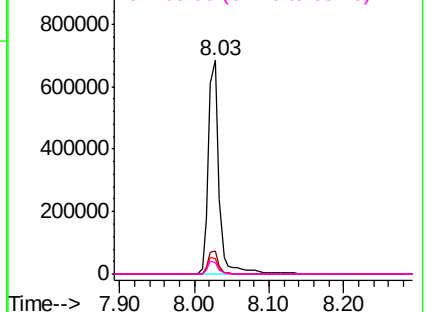
137 10.8 8.9 13.3

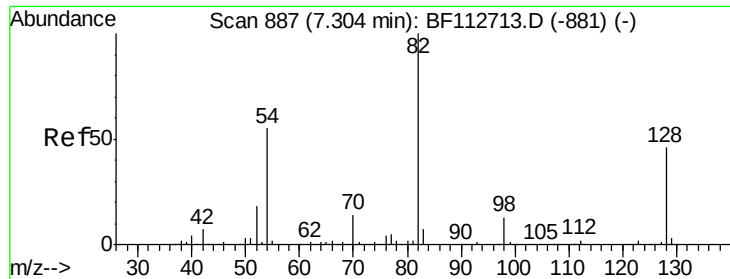
54 7.4 7.3 10.9

68 5.6 5.4 8.2



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

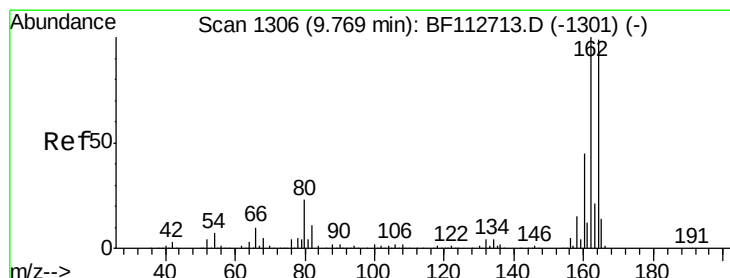
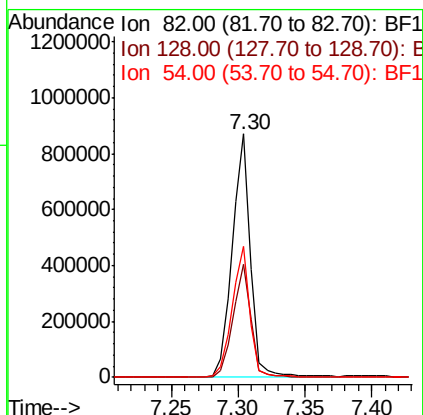
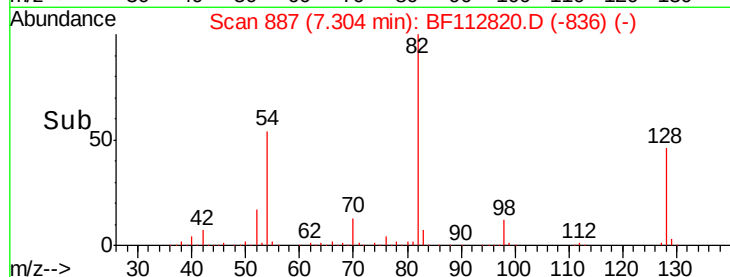
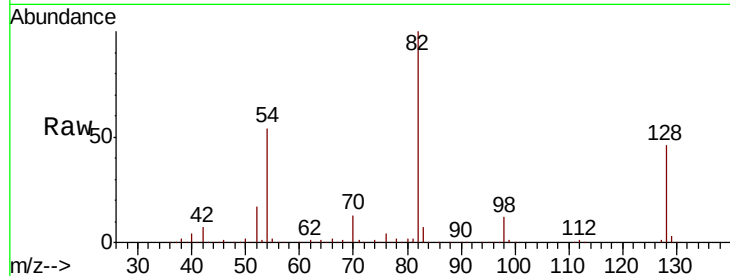




#23
Nitrobenzene-d5
Concen: 72.784 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

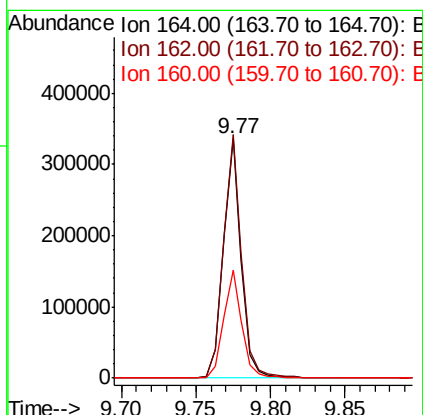
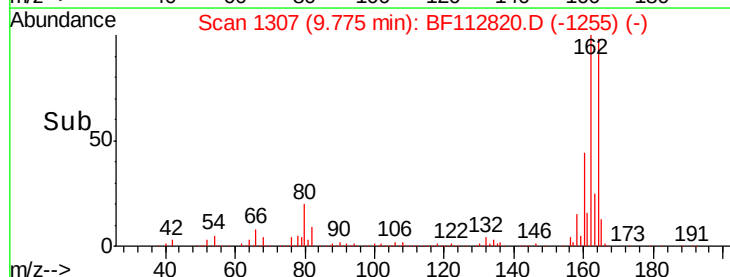
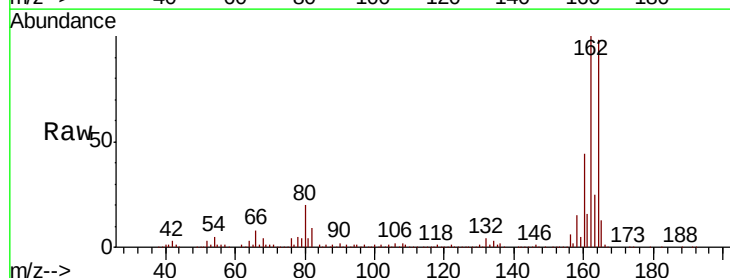
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-B

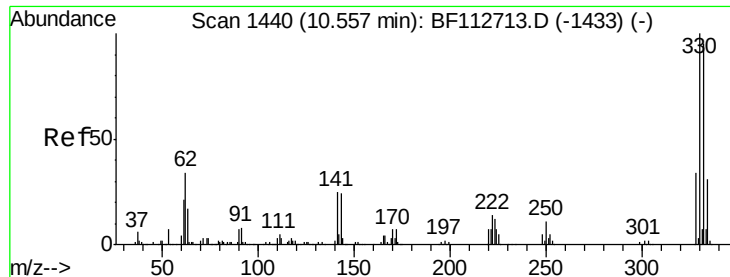
Tot Ion: 82 Resp: 837816
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 53.7 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Tgt Ion:164 Resp: 284123
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.2 36.0 54.0

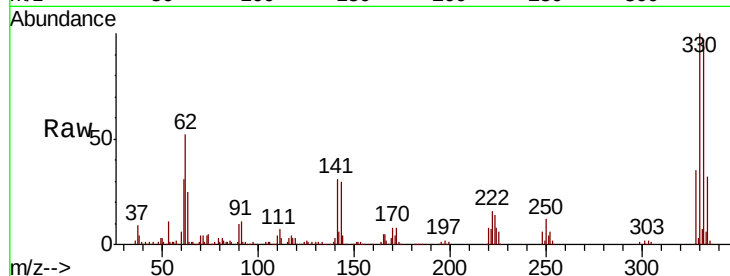




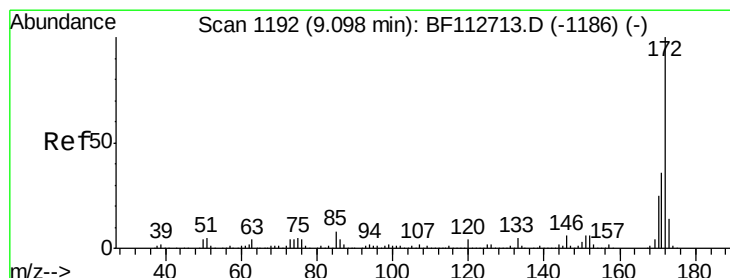
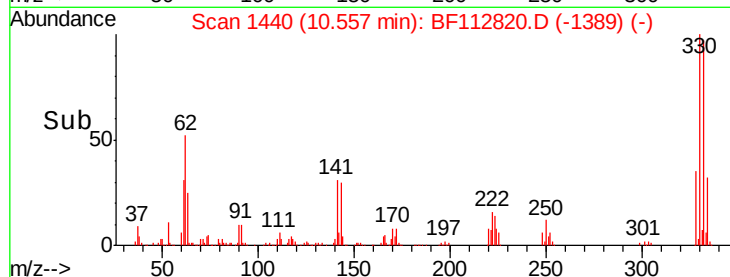
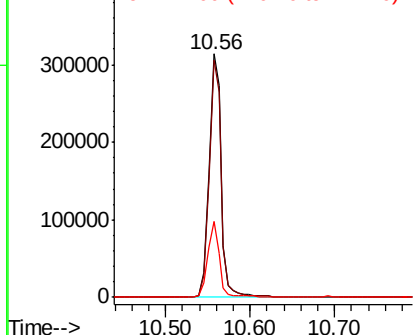
#42
 2,4,6-Tribromophenol
 Concen: 105.508 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112820.D
 Acq: 4 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-B

Tot Ion:330 Resp: 318246
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 30.4 27.0 40.6

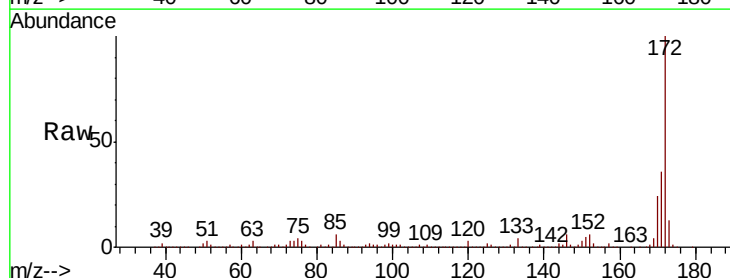


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

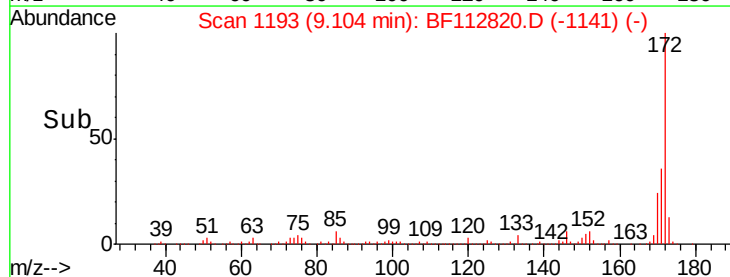
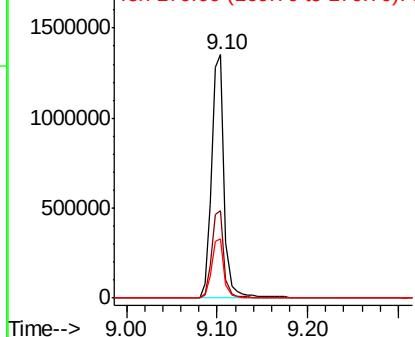


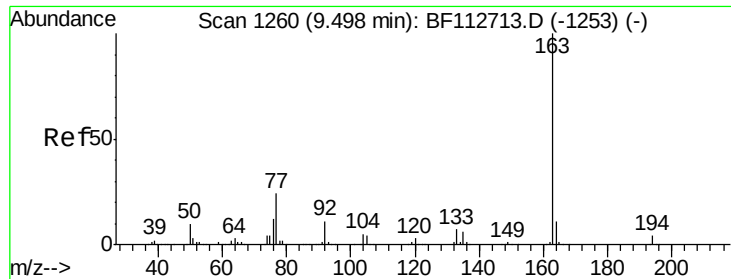
#45
 2-Fluorobiphenyl
 Concen: 75.678 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112820.D
 Acq: 4 Mar 2019 13:23

Tgt Ion:172 Resp: 1335892
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.3 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

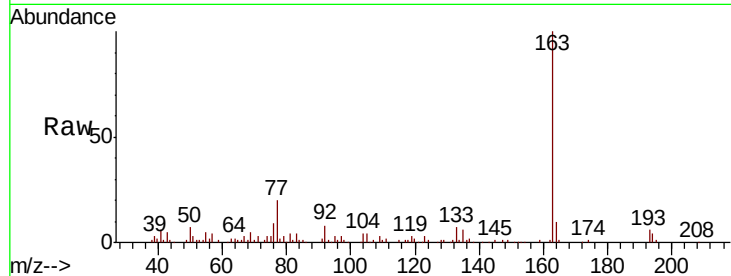




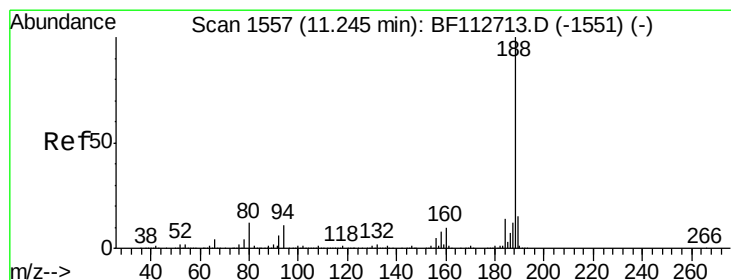
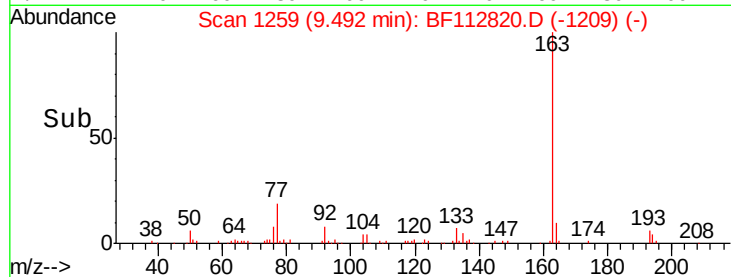
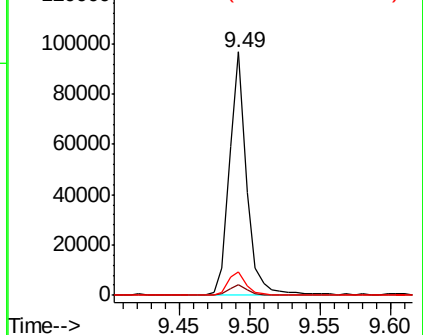
#50
Dimethylphthalate
Concen: 3.937 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-B

Tot Ion:163 Resp: 82486
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.6 8.4 12.6

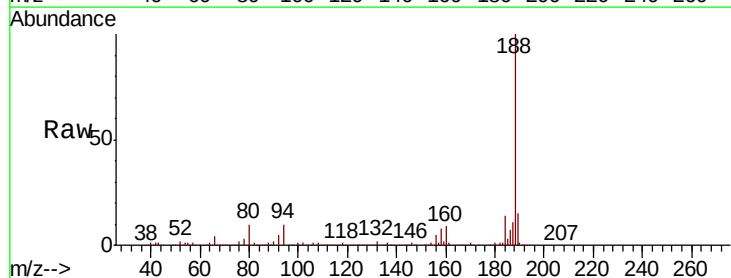


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

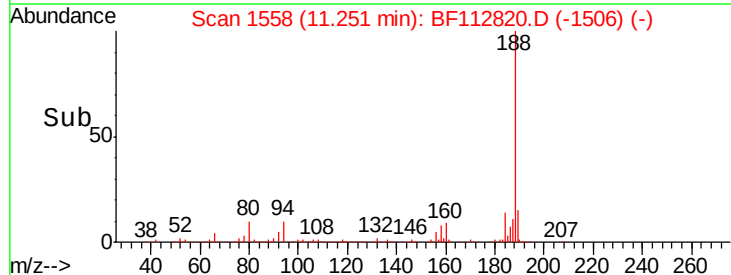
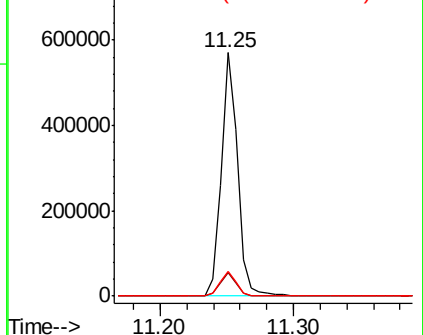


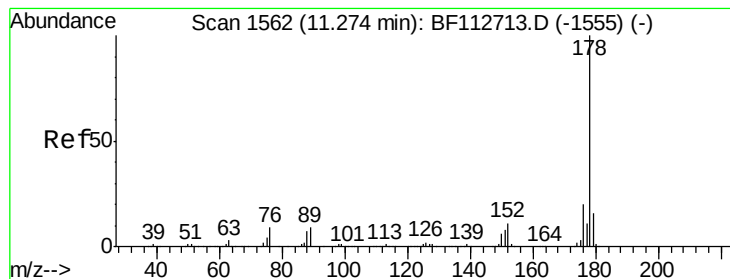
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Tgt Ion:188 Resp: 493027
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 10.1 9.2 13.8



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: 2.219 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF112820.D

Acq: 4 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

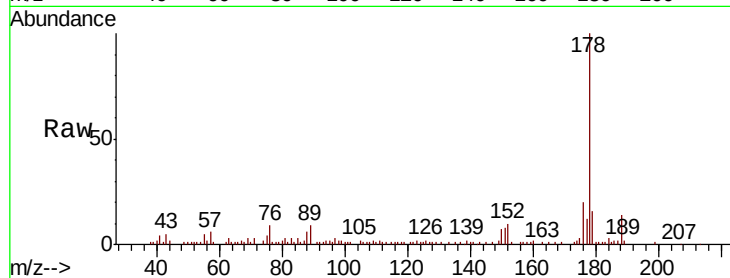
Tot Ion:178 Resp: 54434

Ion Ratio Lower Upper

178 100

176 19.9 16.3 24.5

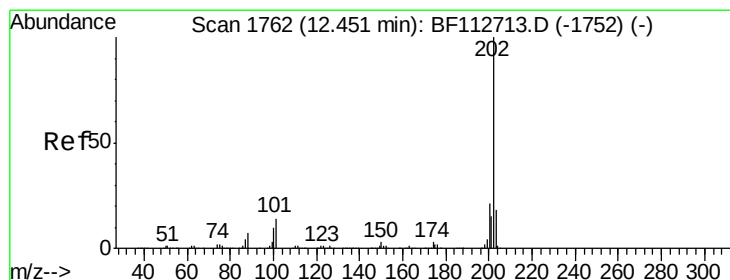
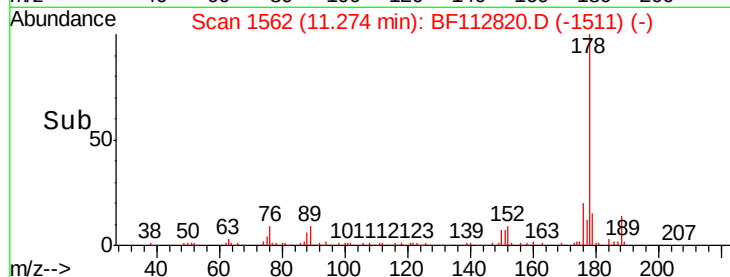
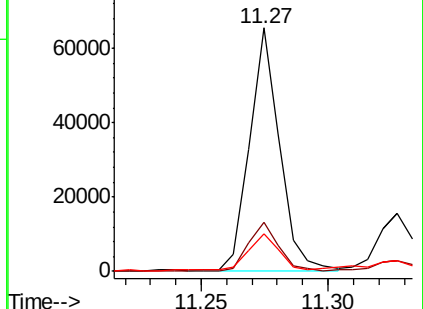
179 15.6 12.7 19.1



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



#75

Fluoranthene

Concen: 3.578 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112820.D

Acq: 4 Mar 2019 13:23

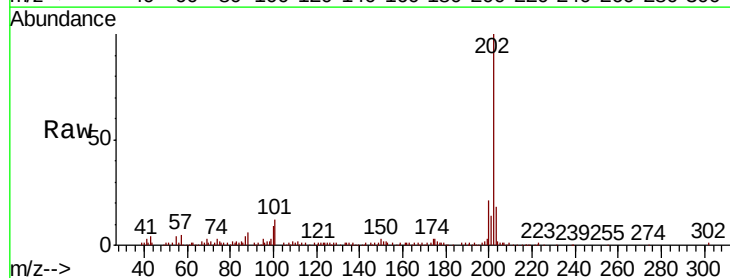
Tgt Ion:202 Resp: 94043

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.8

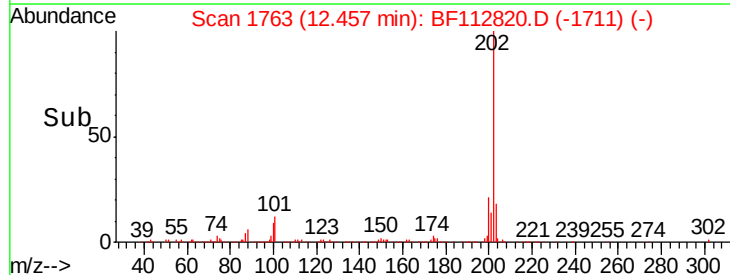
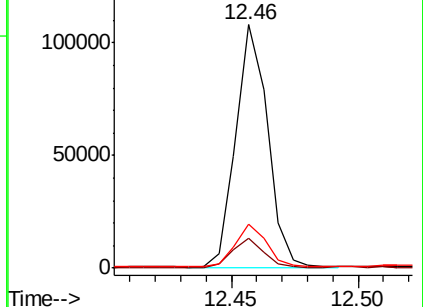
203 18.3 0.0 38.4

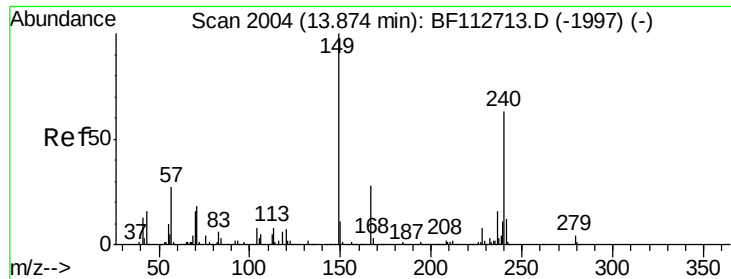


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

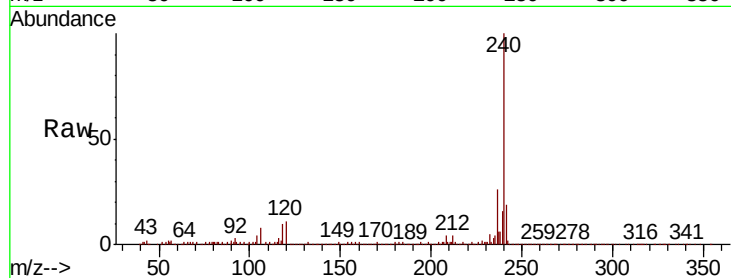




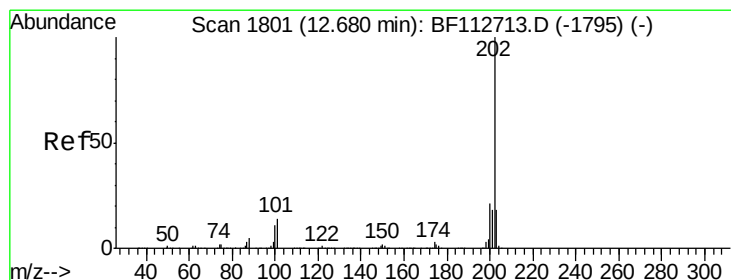
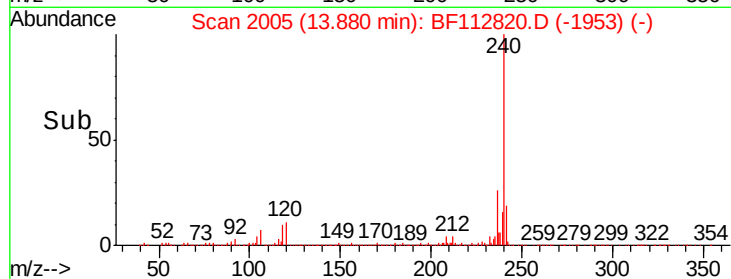
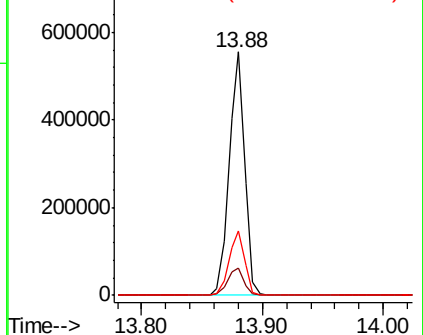
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-B

Tot Ion:240 Resp: 491304
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 20.7 31.1

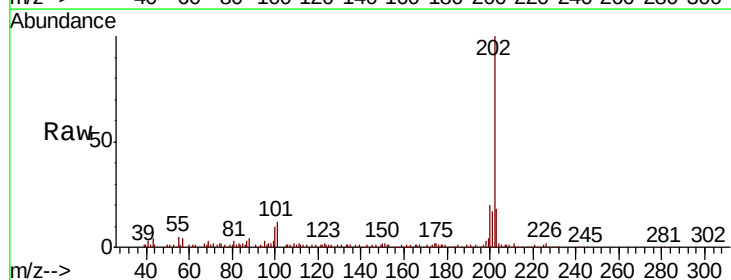


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

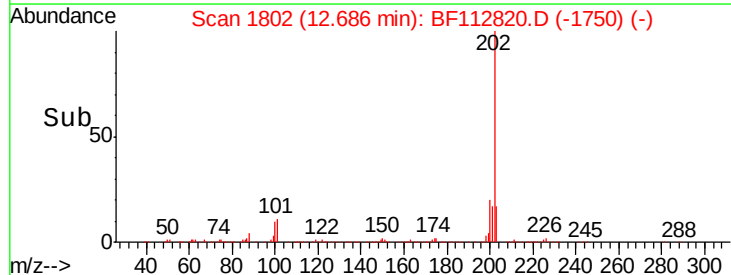
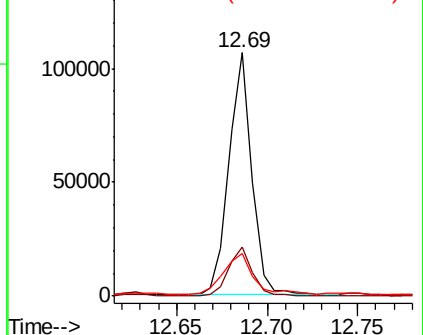


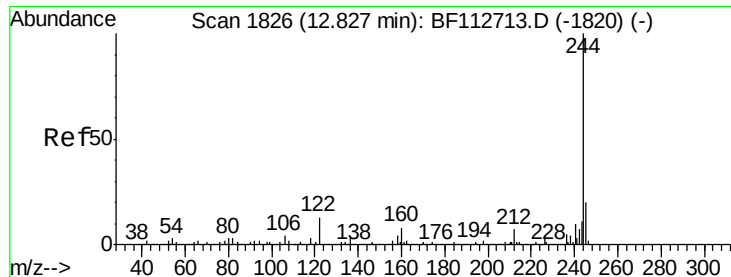
#78
Pyrene
Concen: 2.269 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112820.D
Acq: 4 Mar 2019 13:23

Tgt Ion:202 Resp: 93988
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.7 14.4 21.6



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

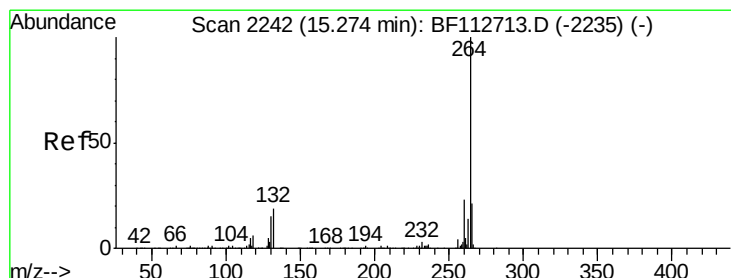
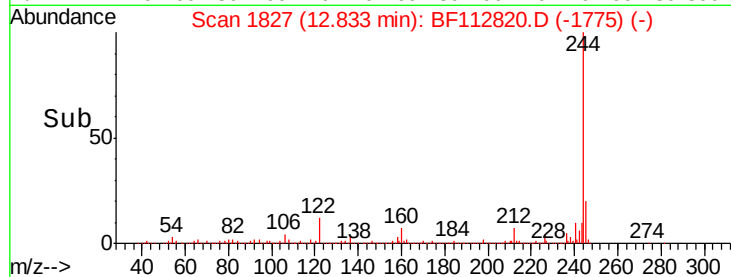
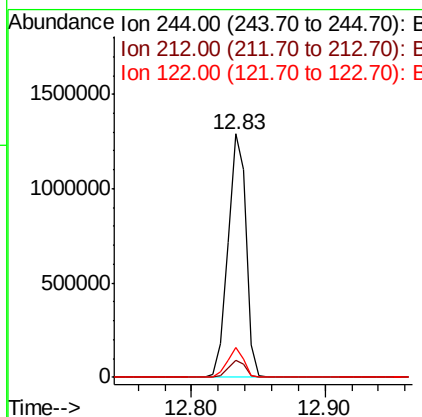
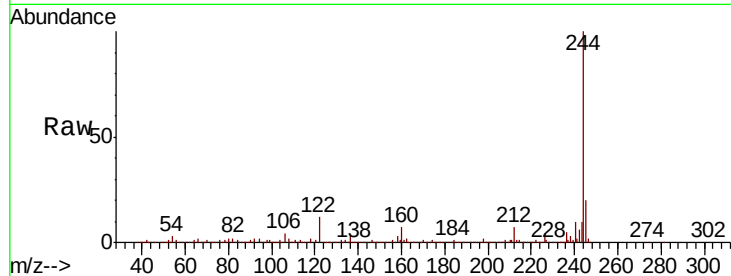




#79
 Terphenyl-d14
 Concen: 48.694 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112820.D
 Acq: 4 Mar 2019 13:23

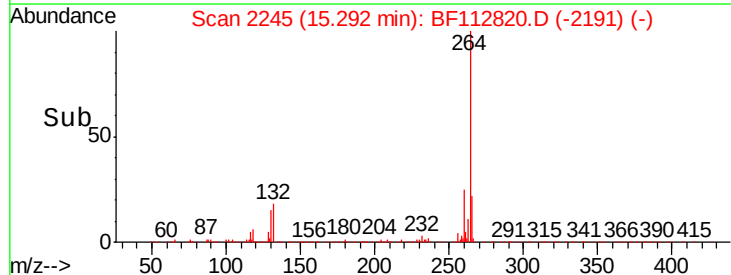
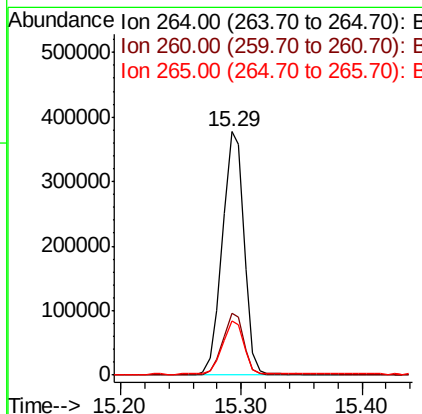
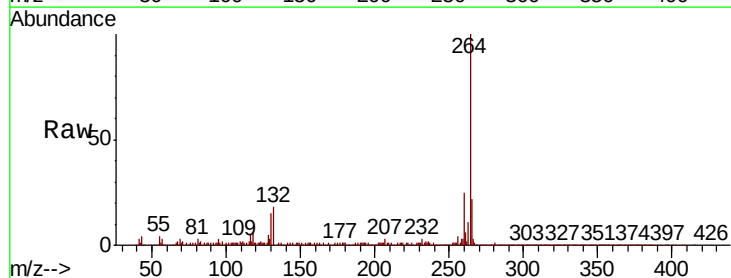
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-B

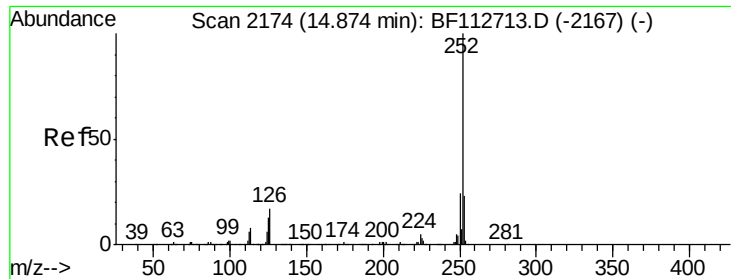
Tot Ion:244 Resp: 1234121
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 12.5 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112820.D
 Acq: 4 Mar 2019 13:23

Tgt Ion:264 Resp: 467601
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.7 28.1
 265 22.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.832 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF112820.D

Acq: 4 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

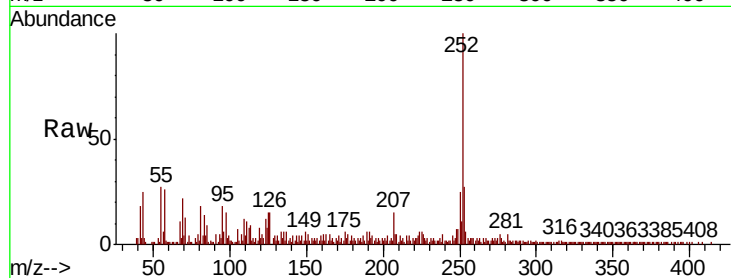
Tot Ion:252 Resp: 85657

Ion Ratio Lower Upper

252 100

253 27.0 18.0 27.0

125 15.3 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

