

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112802.D
 Acq On : 1 Mar 2019 16:21
 Operator : JU/SJ
 Sample : K1669-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Quant Time: Mar 01 23:13:37 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

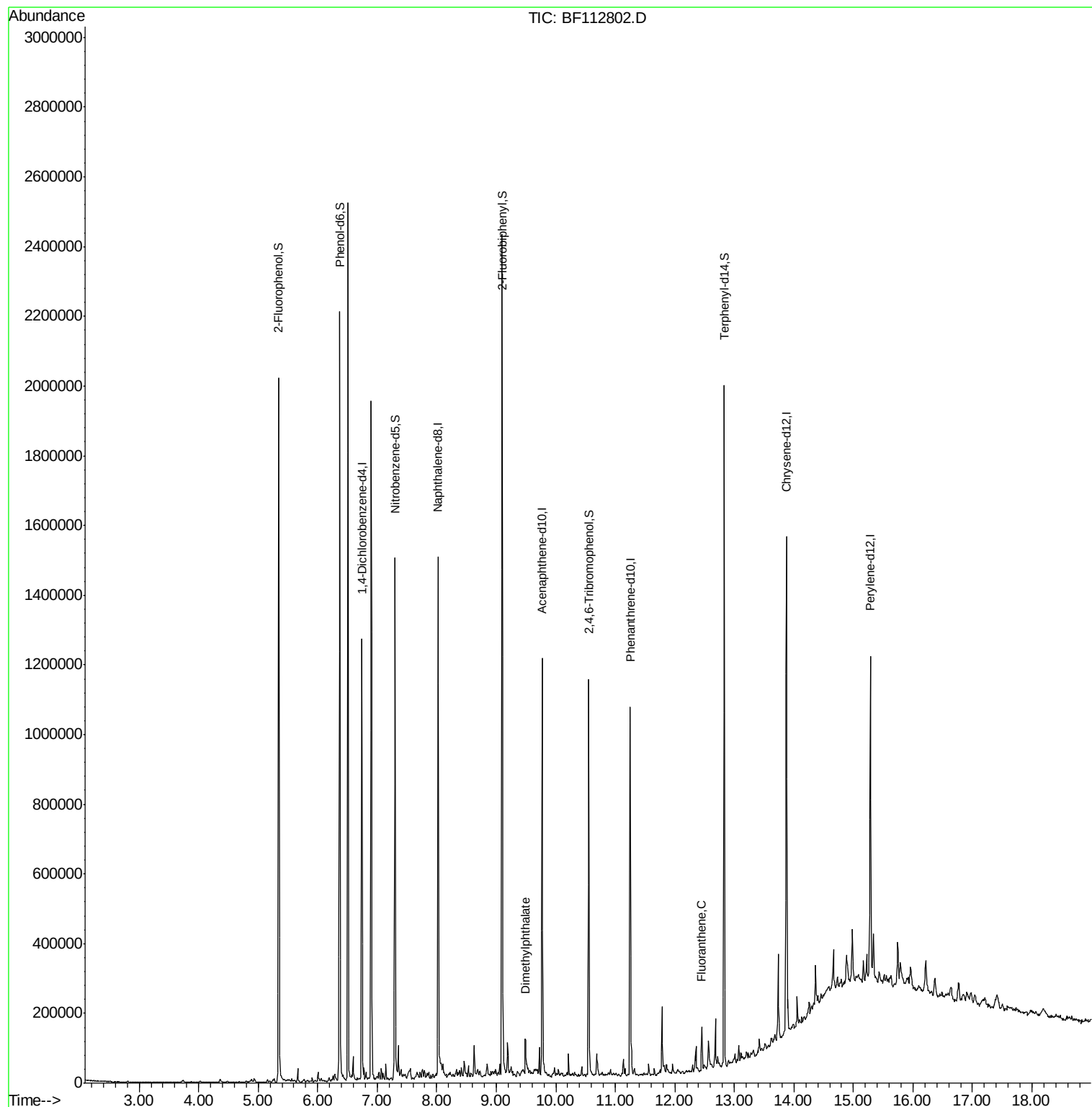
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	188011	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	674350	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	261263	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	426713	20.00	ng	0.00
76) Chrysene-d12	13.87	240	456590	20.00	ng	0.00
87) Perylene-d12	15.29	264	417195	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	598225	49.50	ng	0.00
7) Phenol-d6	6.37	99	772604	50.89	ng	0.00
23) Nitrobenzene-d5	7.30	82	443901	39.39	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	151210	54.52	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	736286	40.56	ng	0.00
79) Terphenyl-d14	12.83	244	618251	26.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	43555	2.261	ng	98
75) Fluoranthene	12.45	202	51985	2.285	ng	97

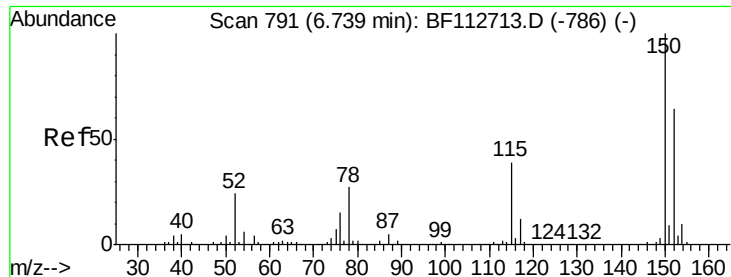
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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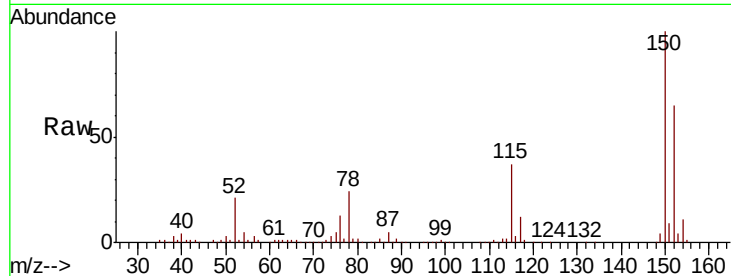


#1

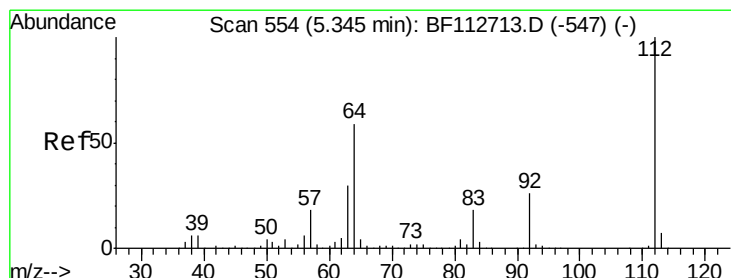
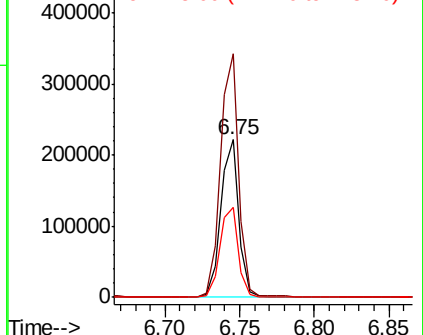
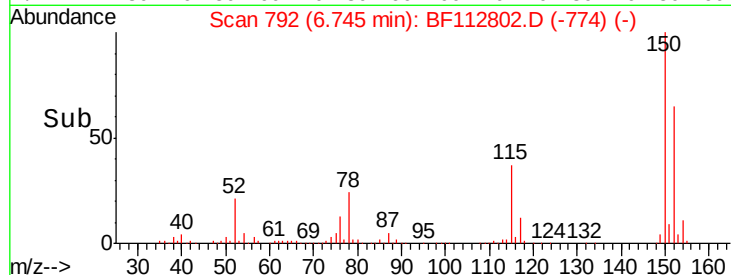
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Tot Ion:152 Resp: 188011
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 57.5 48.2 72.4



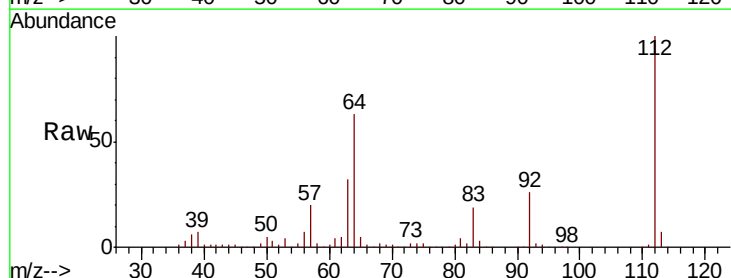
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



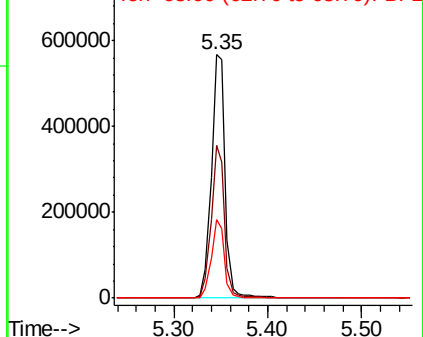
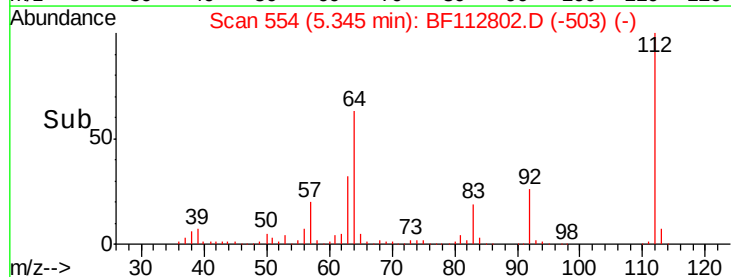
#5

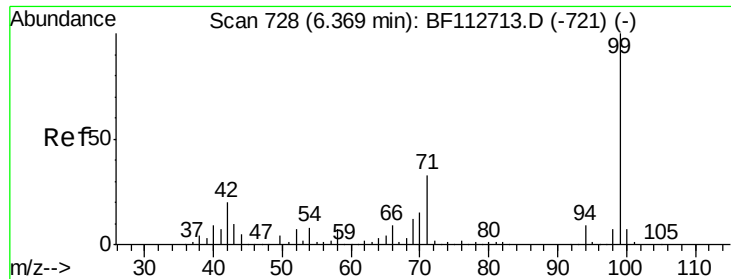
2-Fluorophenol
 Concen: 49.495 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Tgt Ion:112 Resp: 598225
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.6 71.4
 63 32.3 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: 50.887 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112802.D

Acq: 1 Mar 2019 16:21

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-031-B

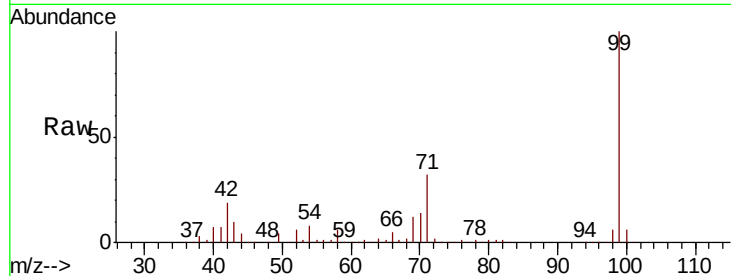
Tot Ion: 99 Resp: 772604

Ion Ratio Lower Upper

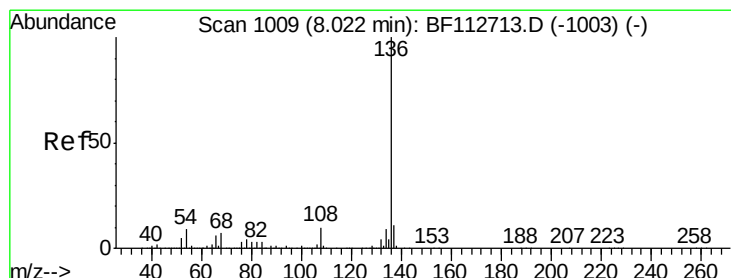
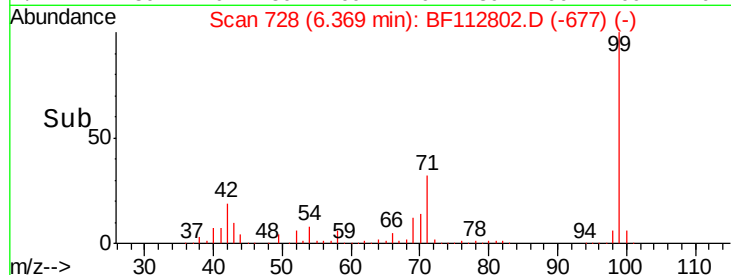
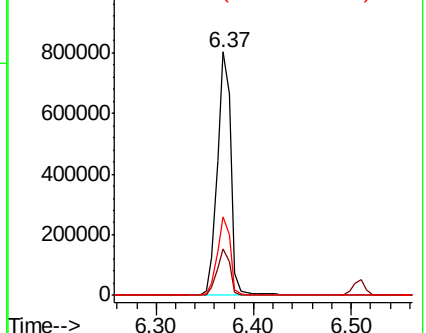
99 100

42 19.1 16.3 24.5

71 32.2 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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112802.D

Acq: 1 Mar 2019 16:21

Tgt Ion: 136 Resp: 674350

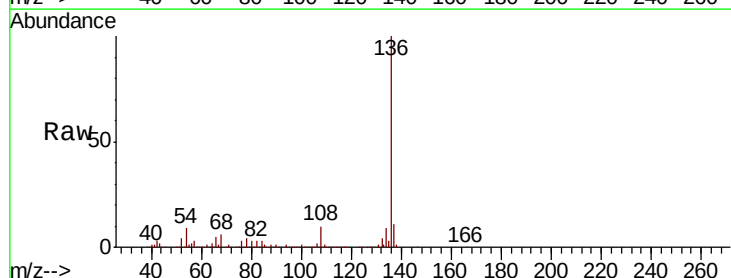
Ion Ratio Lower Upper

136 100

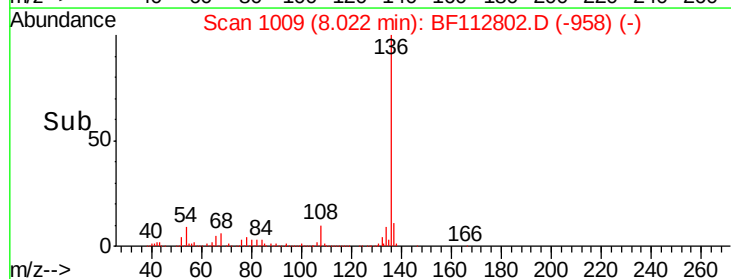
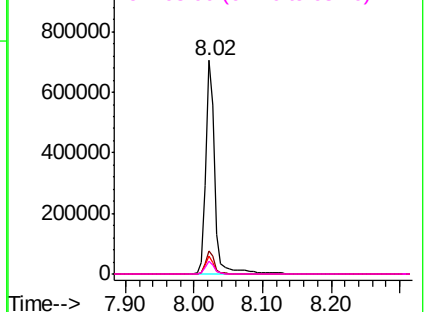
137 11.1 8.9 13.3

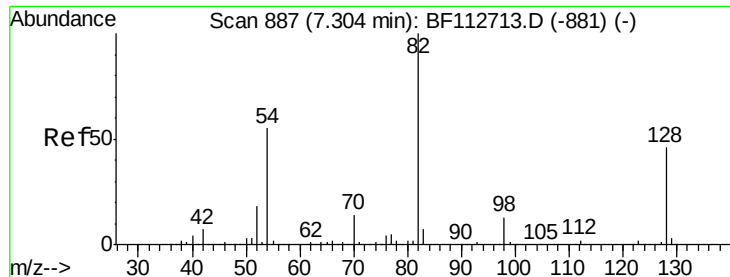
54 8.5 7.3 10.9

68 6.3 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

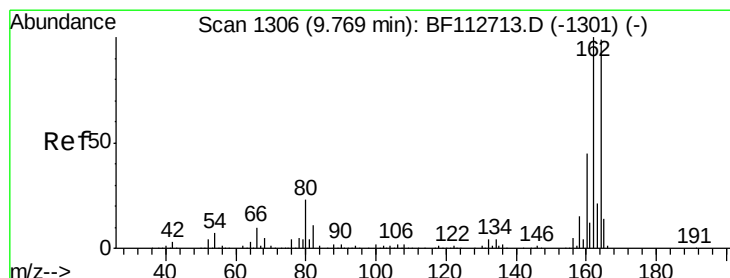
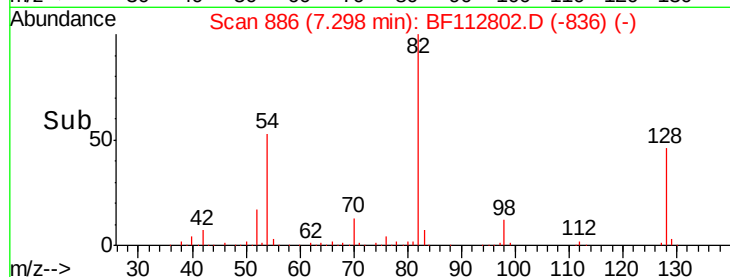
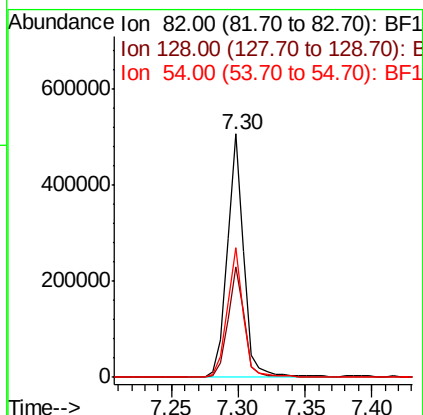
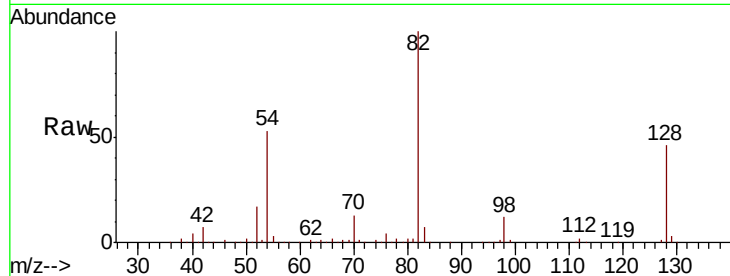




#23
Nitrobenzene-d5
Concen: 39.389 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

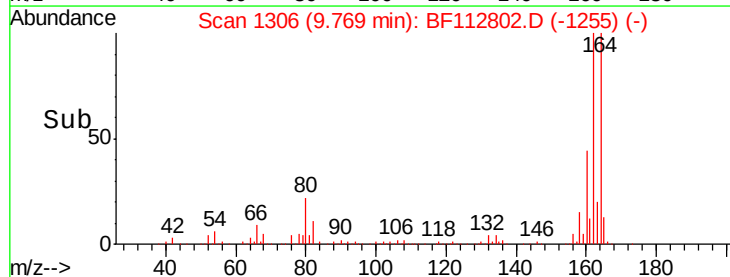
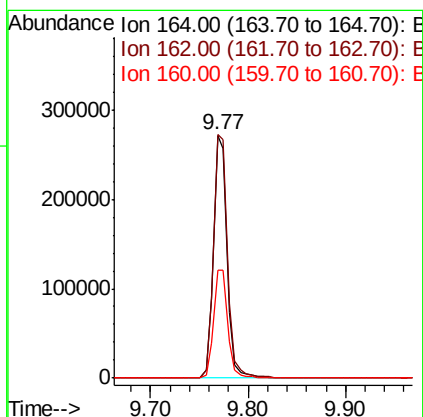
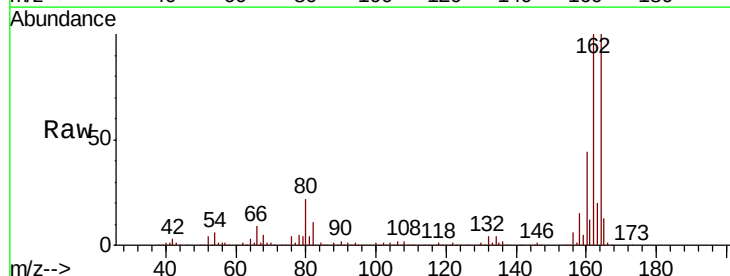
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

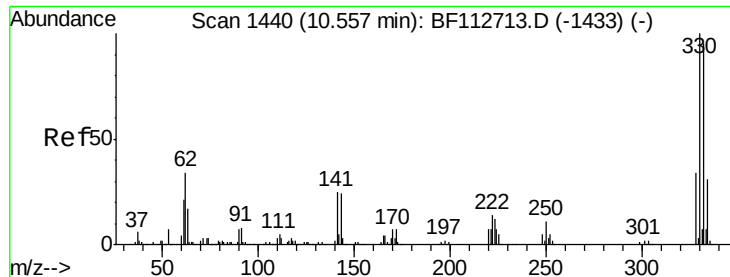
Tot Ion: 82 Resp: 443901
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 53.5 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion: 164 Resp: 261263
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.7 36.0 54.0

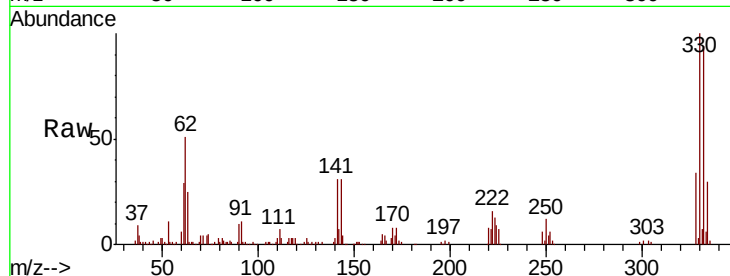




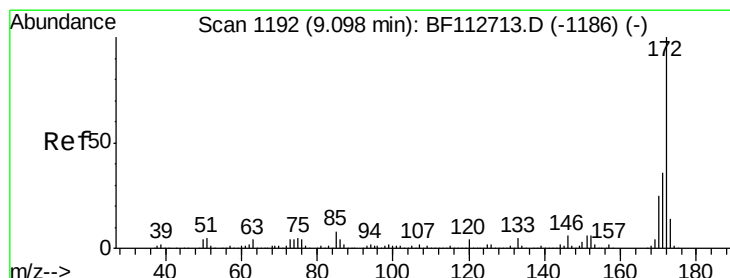
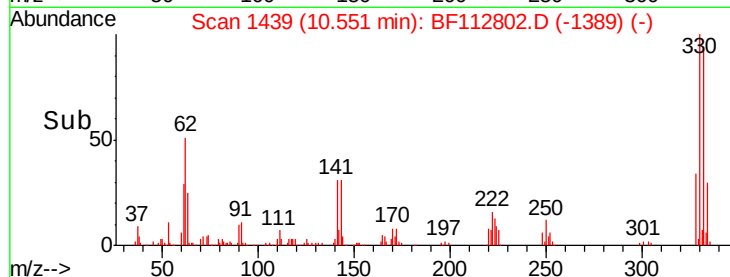
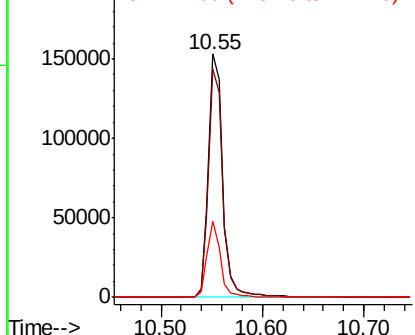
#42
 2,4,6-Tribromophenol
 Concen: 54.517 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Tot Ion:330 Resp: 151210
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.2 114.4
 141 29.5 27.0 40.6

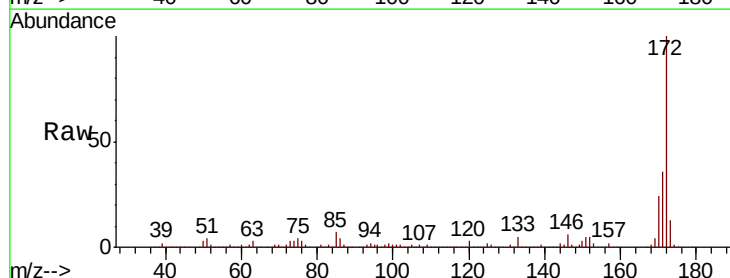


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

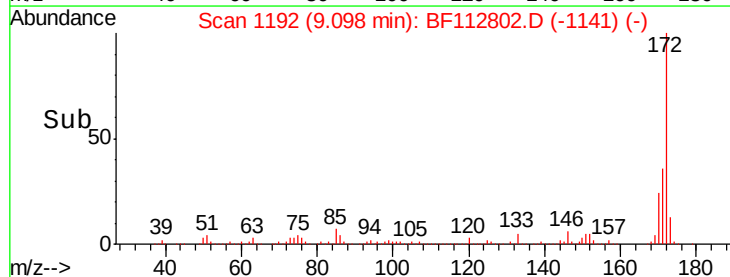
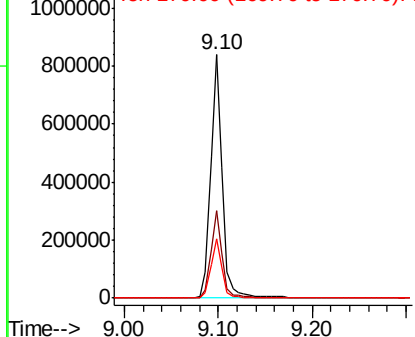


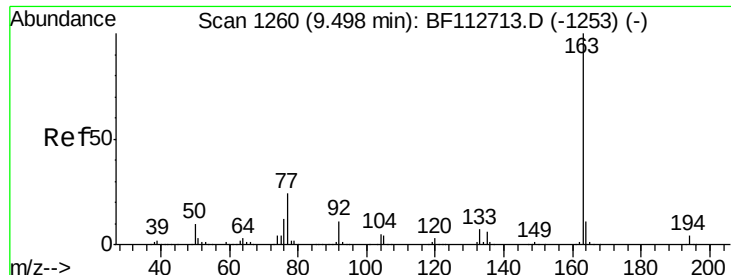
#45
 2-Fluorobiphenyl
 Concen: 40.557 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Tgt Ion:172 Resp: 736286
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

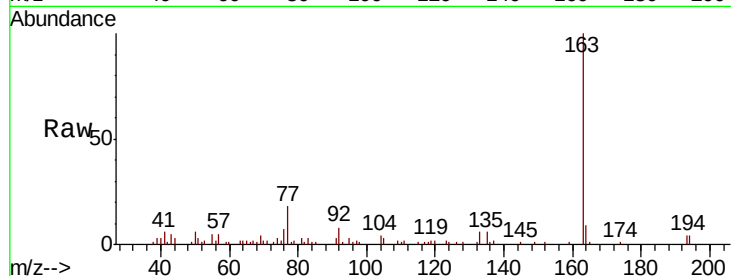




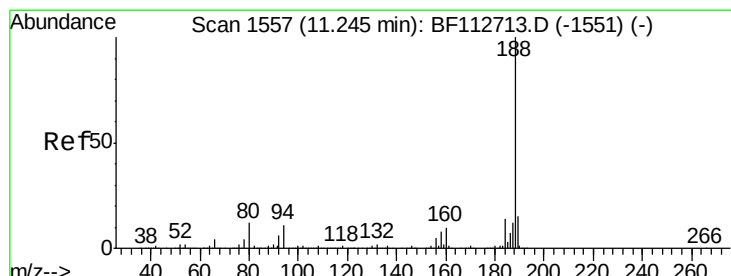
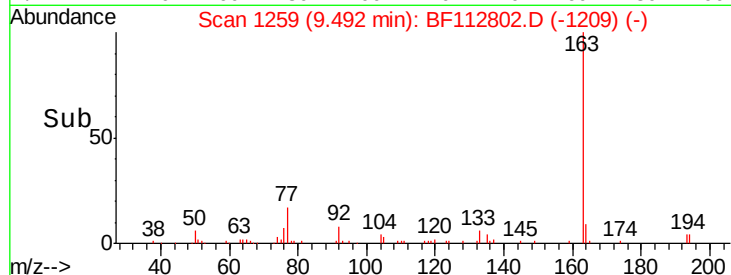
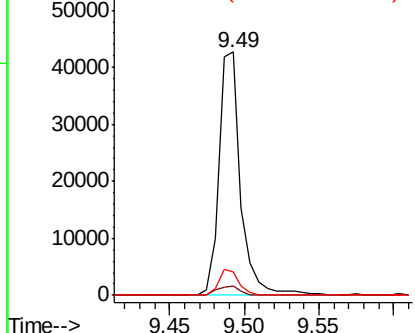
#50
Dimethylphthalate
Concen: 2.261 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Tot Ion:163 Resp: 43555
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.4 8.4 12.6

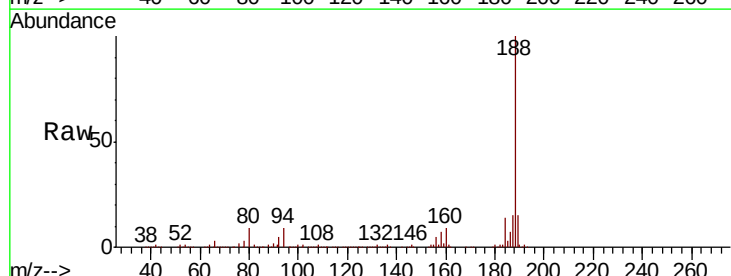


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

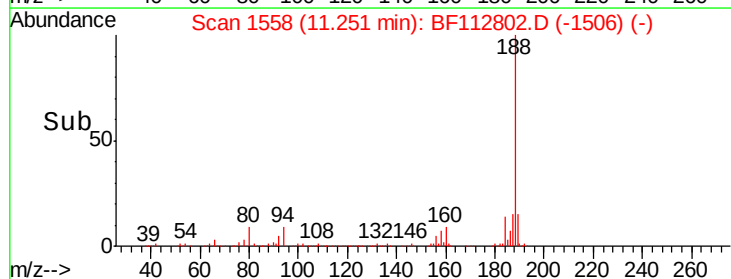
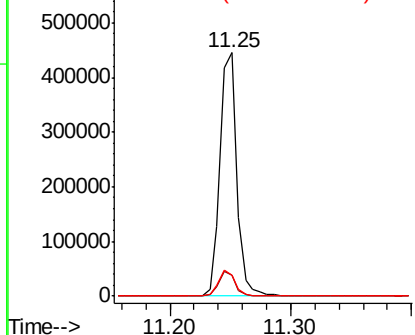


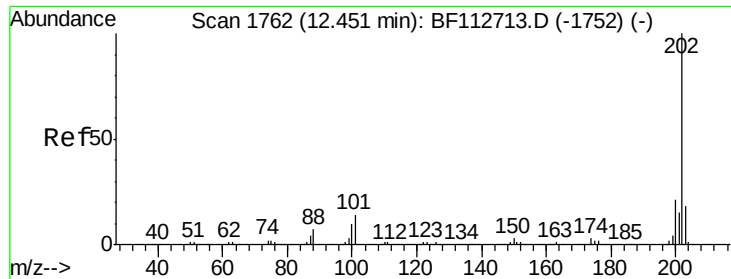
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:188 Resp: 426713
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 8.7 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

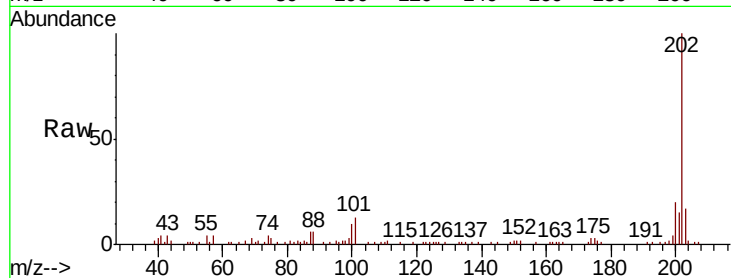




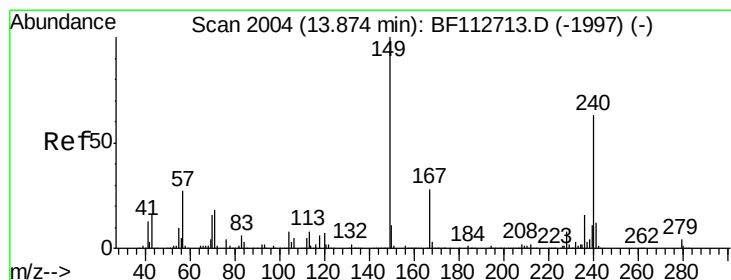
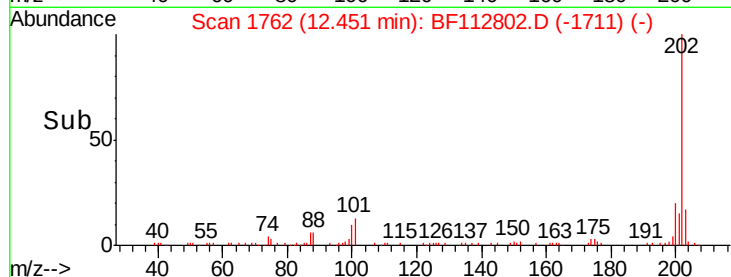
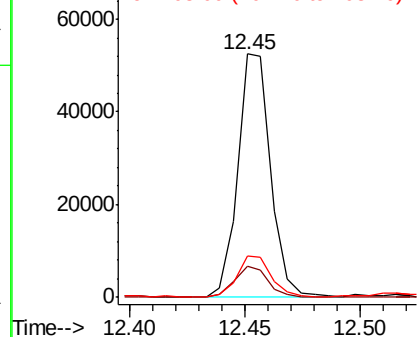
#75
Fluoranthene
Concen: 2.285 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Instrument :
BNA_F
ClientSampled :
FK-GF-02-031-B

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	17.0	0.0	38.4

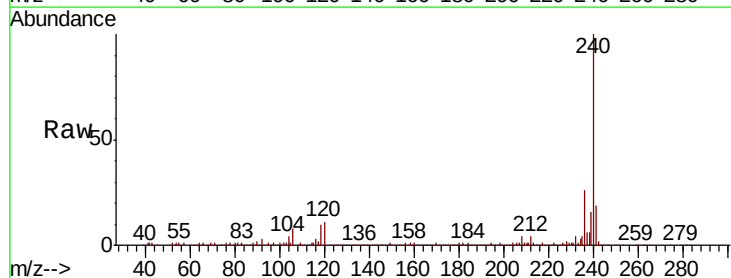


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

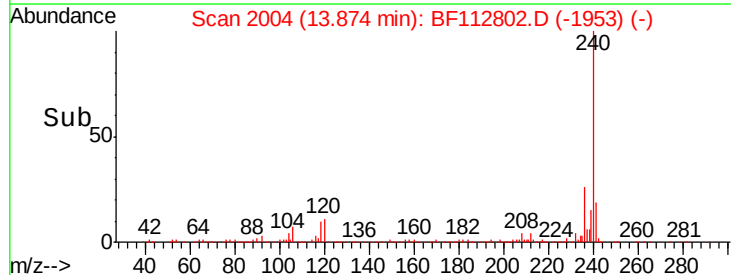
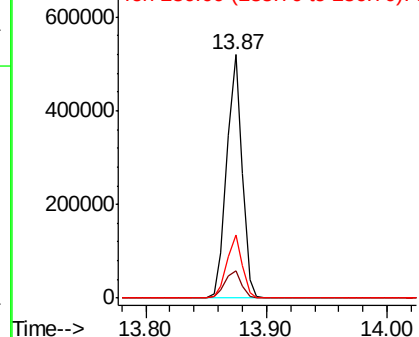


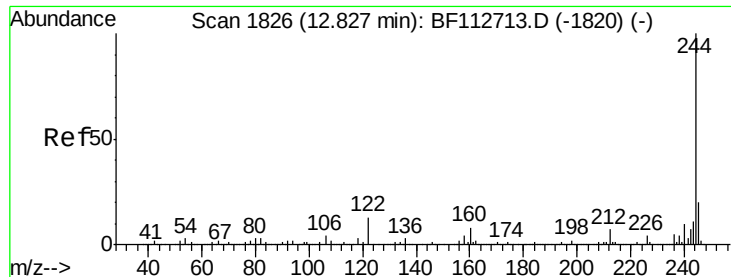
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.1	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

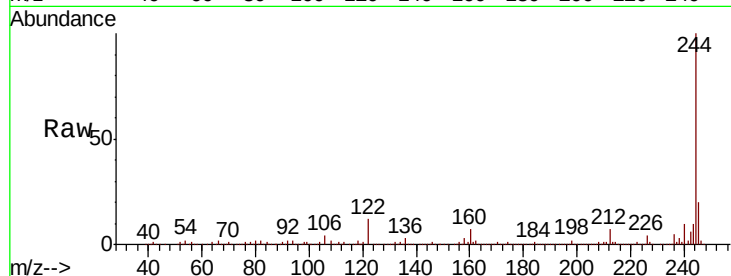




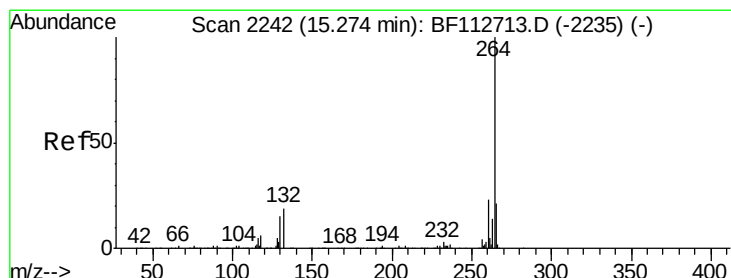
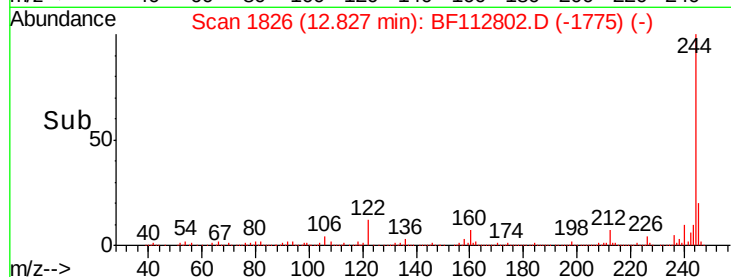
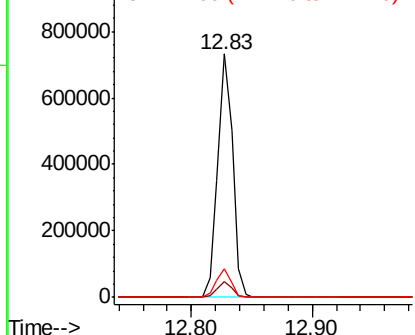
#79
 Terphenyl-d14
 Concen: 26.248 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Tot Ion:244 Resp: 618251
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.6 10.5 15.7

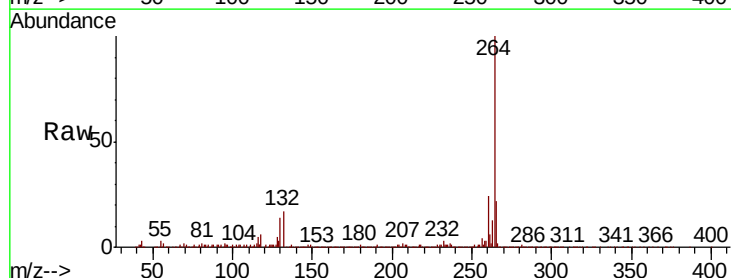


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112802.D
 Acq: 1 Mar 2019 16:21

Tgt Ion:264 Resp: 417195
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.8 17.2 25.8



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

