

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112806.D
 Acq On : 1 Mar 2019 18:10
 Operator : JU/SJ
 Sample : K1672-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 01 21:58:37 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

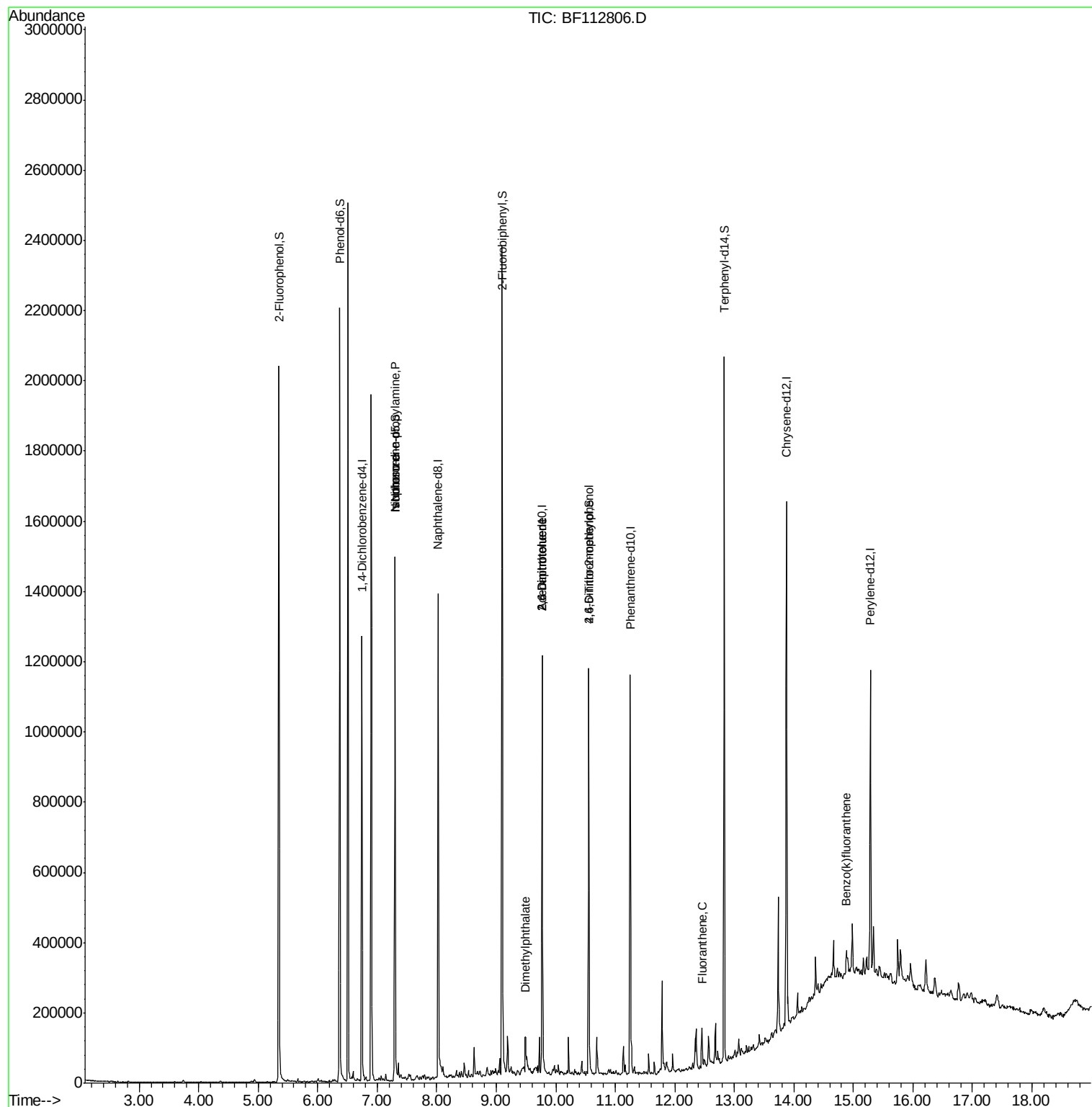
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	183759	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	644998	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	253382	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	441512	20.00	ng	0.00
76) Chrysene-d12	13.87	240	473749	20.00	ng	0.00
87) Perylene-d12	15.29	264	379135	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	609063	51.56	ng	0.00
7) Phenol-d6	6.37	99	771621	52.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	435601	40.41	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	156231	58.08	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	726058	41.35	ng	0.00
79) Terphenyl-d14	12.83	244	679221	27.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	55934	5.952	ng	# 80
25) Isophorone	7.30	82	431297	18.573	ng	# 66
50) Dimethylphthalate	9.49	163	39096	2.093	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	33421	8.590	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	33421	6.911	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	122	4.674	ng	# 1
75) Fluoranthene	12.46	202	47441	2.016	ng	97
89) Benzo(k)fluoranthene	14.89	252	45869	2.065	ng	# 89

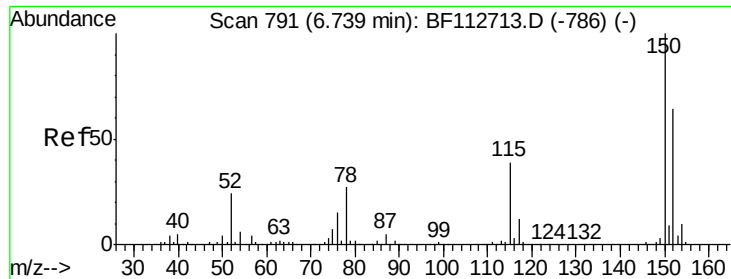
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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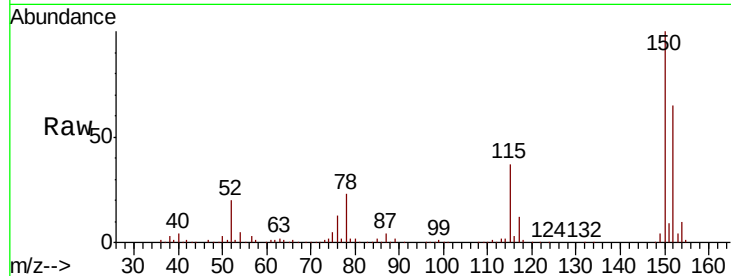


#1

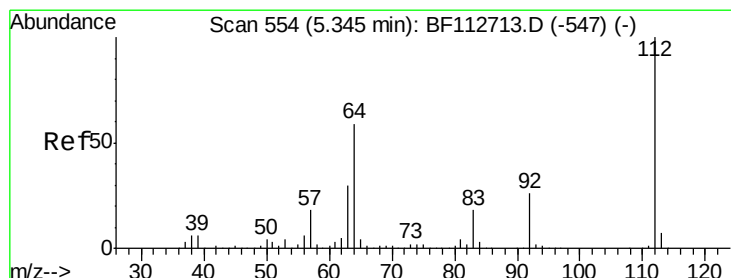
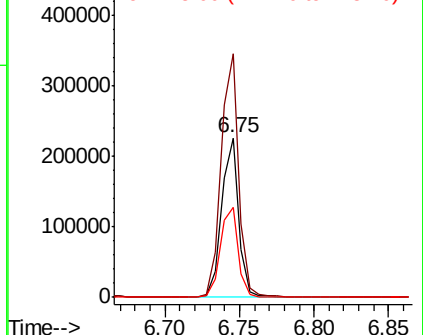
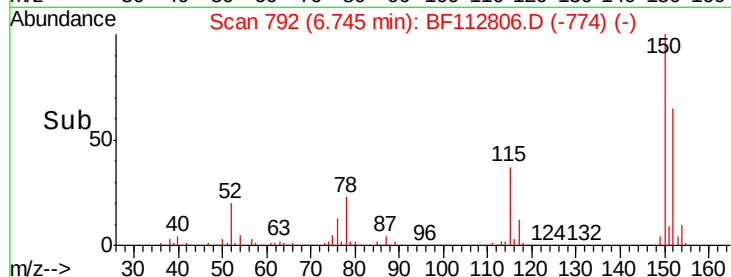
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112806.D
 Acq: 1 Mar 2019 18:10

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

Tgt Ion:152 Resp: 183759
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.2 186.2
 115 56.5 48.2 72.4



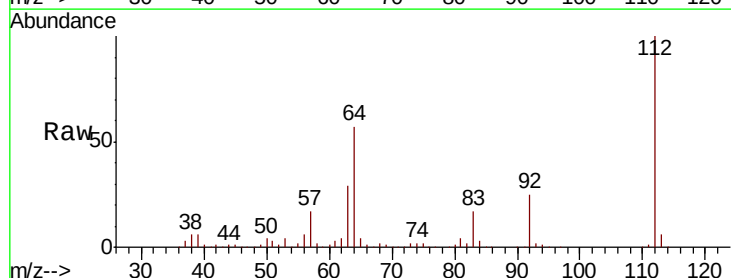
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



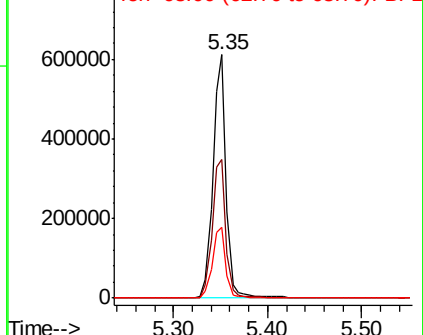
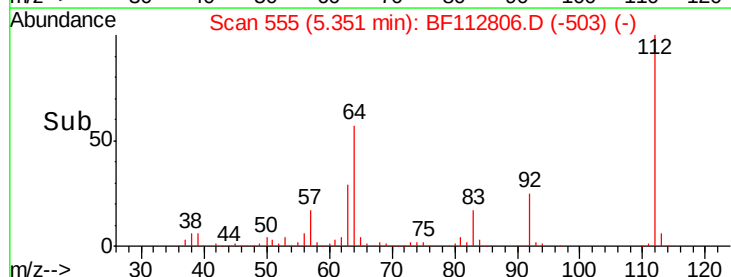
#5

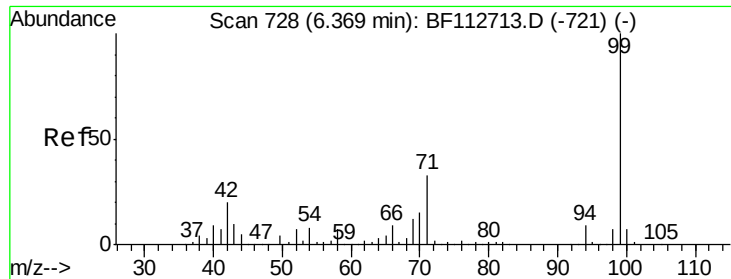
2-Fluorophenol
 Concen: 51.558 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112806.D
 Acq: 1 Mar 2019 18:10

Tgt Ion:112 Resp: 609063
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.6 71.4
 63 29.2 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: 51.999 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

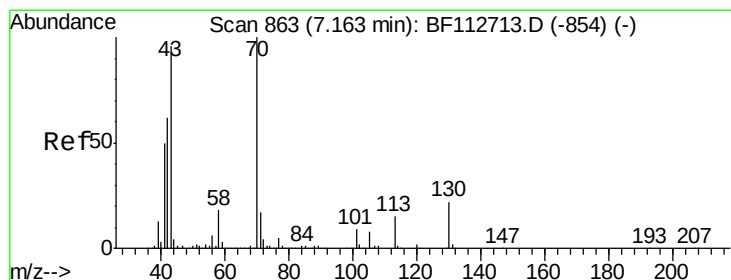
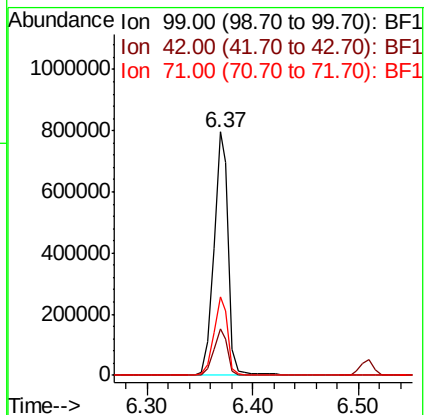
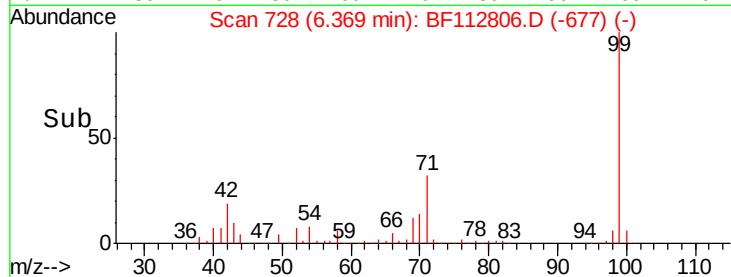
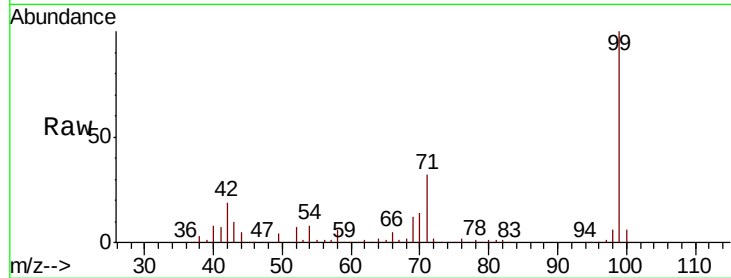
Tgt Ion: 99 Resp: 771621

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 32.3 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.952 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

Tgt Ion: 70 Resp: 55934

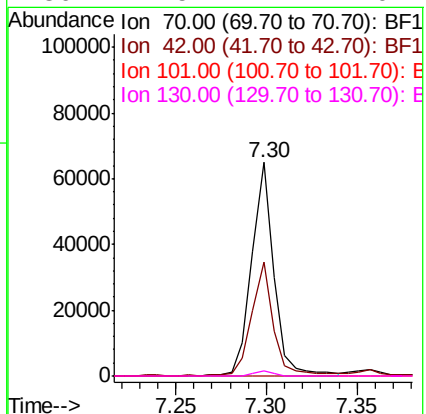
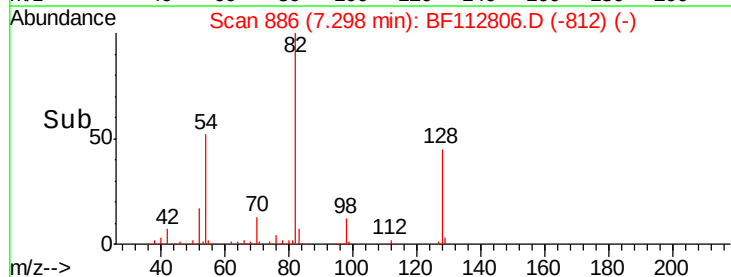
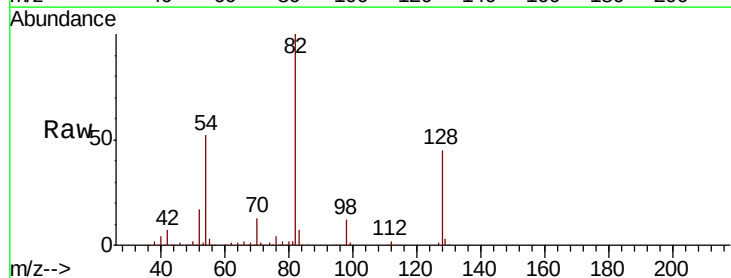
Ion Ratio Lower Upper

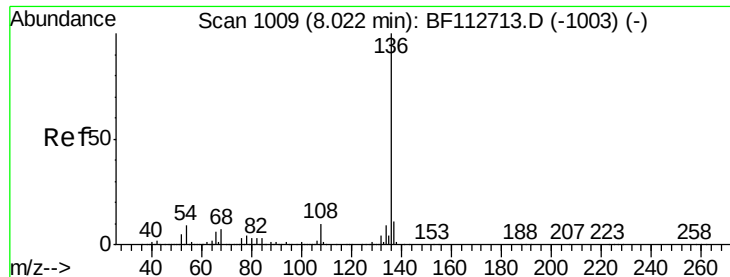
70 100

42 53.1 49.9 74.9

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

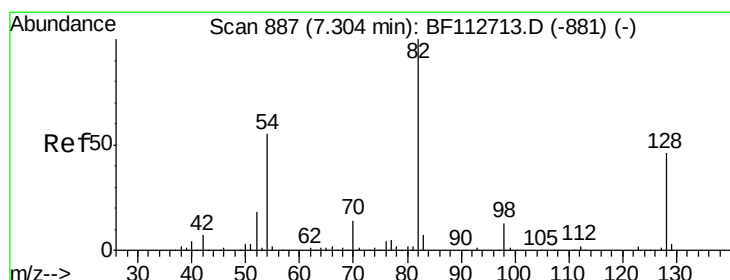
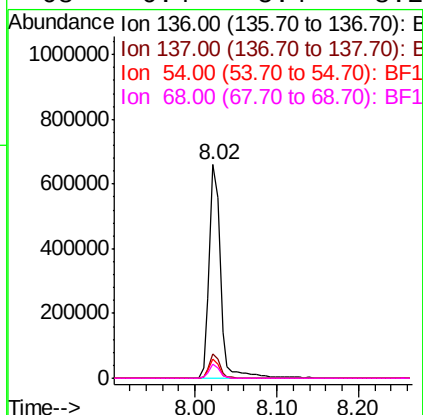
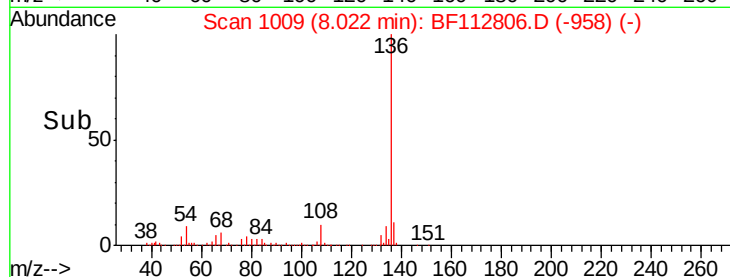
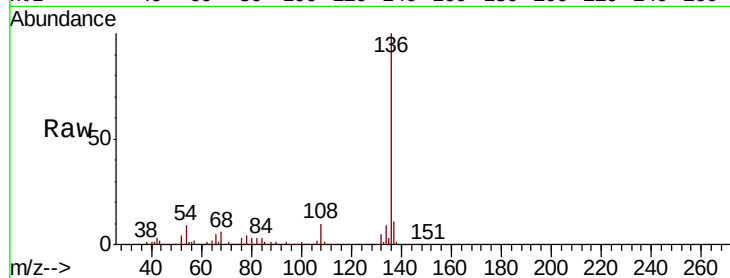




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

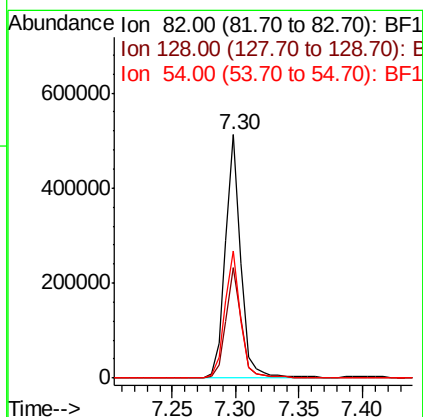
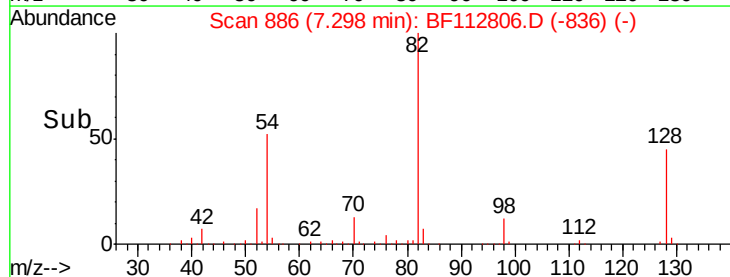
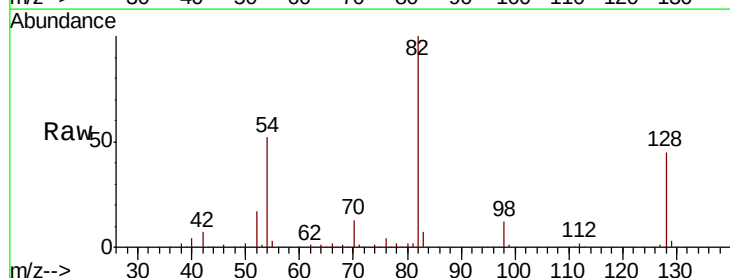
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-B

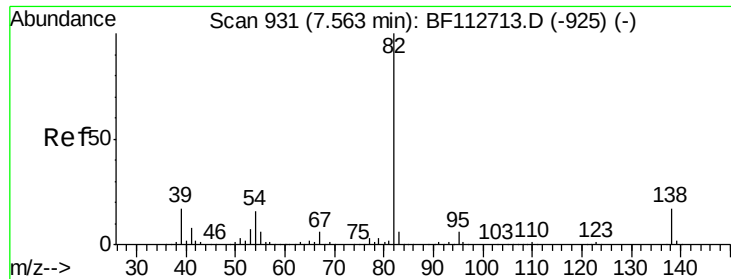
Tgt Ion:	136	Resp:	644998
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.9	7.3	10.9
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 40.412 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

Tgt Ion:	82	Resp:	435601
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	52.2	43.7	65.5





#25

Isophorone

Concen: 18.573 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

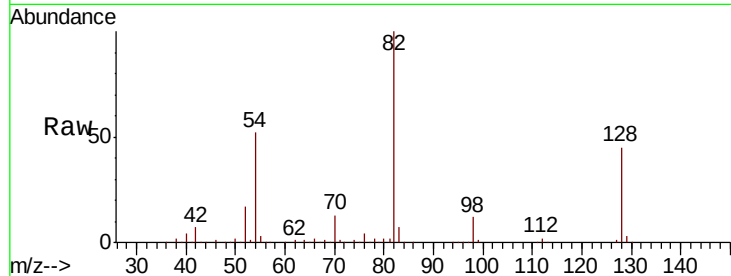
Tgt Ion: 82 Resp: 431297

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

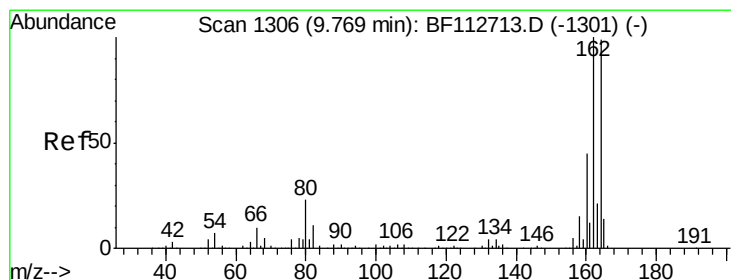
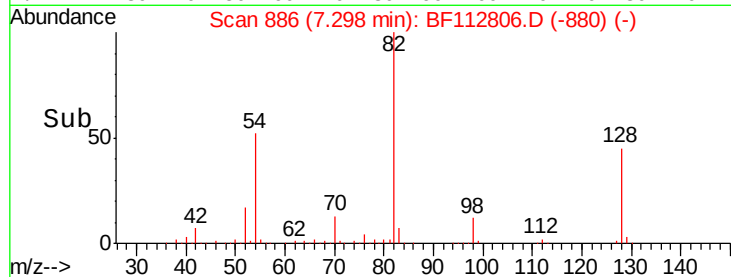
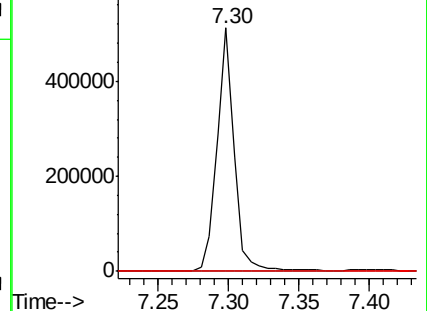
138 0.0 13.8 20.8#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

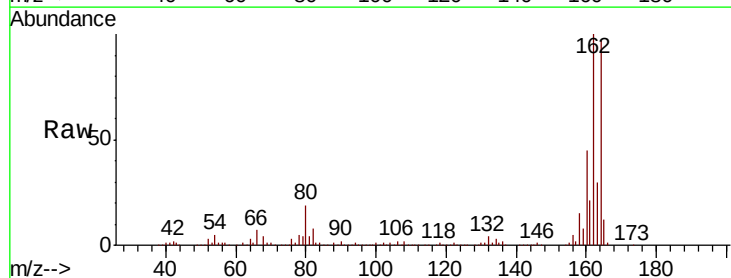
Tgt Ion: 164 Resp: 253382

Ion Ratio Lower Upper

164 100

162 103.5 80.6 120.8

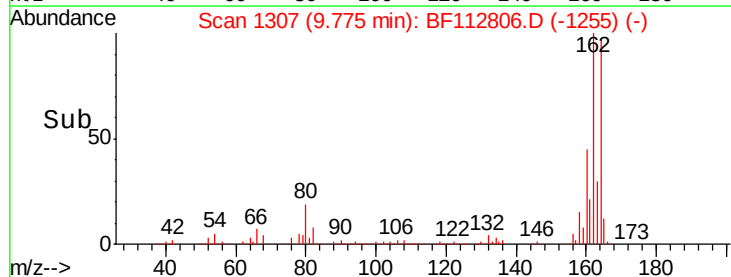
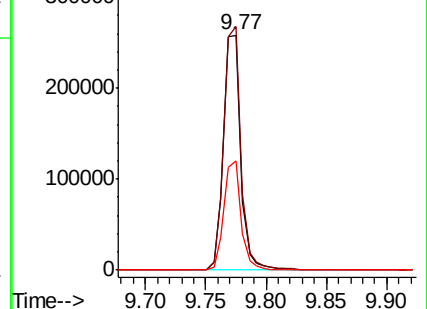
160 46.3 36.0 54.0

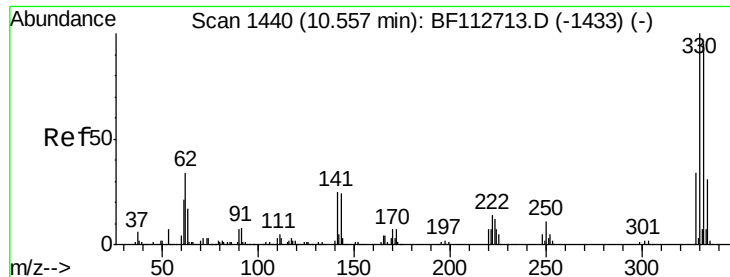


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 58.079 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

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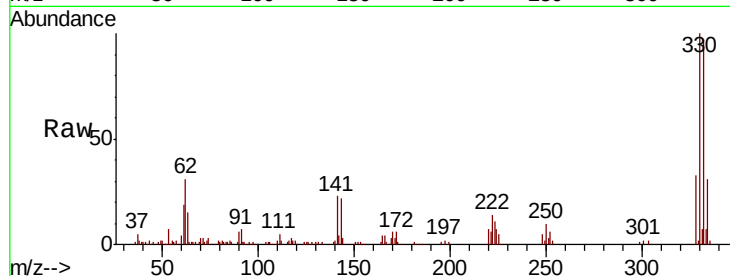
Tgt Ion:330 Resp: 156231

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

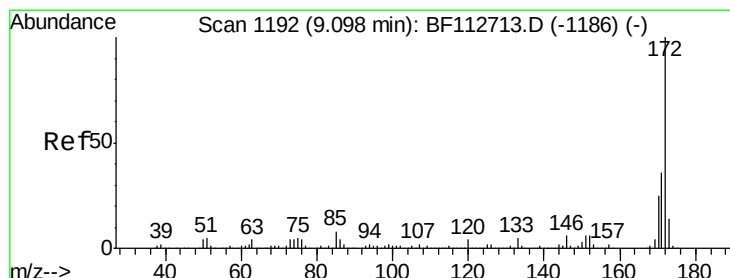
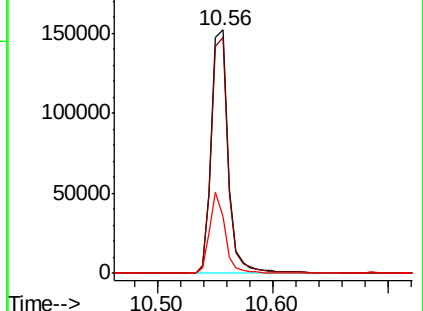
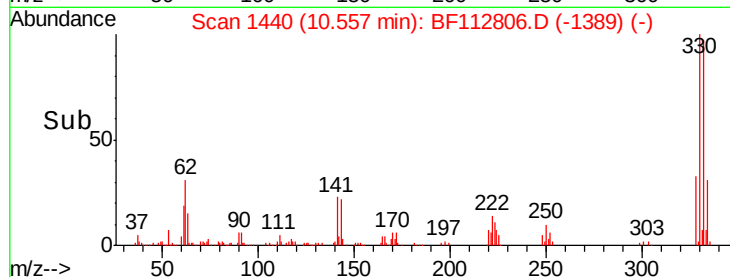
141 30.4 27.0 40.6



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: 41.351 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

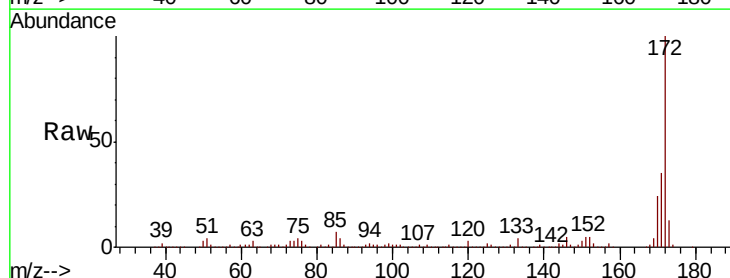
Tgt Ion:172 Resp: 726058

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

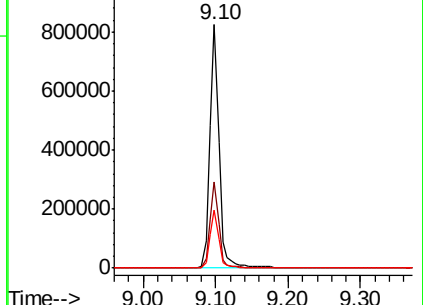
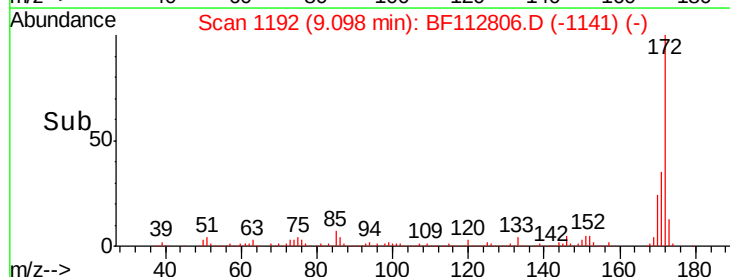
170 24.0 20.0 30.0

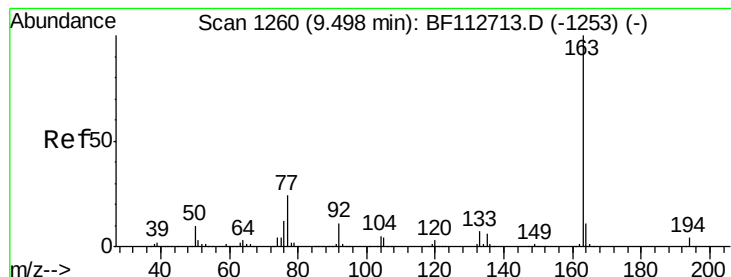


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.093 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

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FK-GF-02-033-B

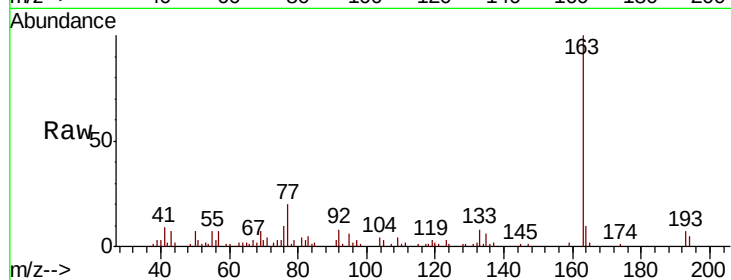
Tgt Ion:163 Resp: 39096

Ion Ratio Lower Upper

163 100

194 4.9 3.0 4.4#

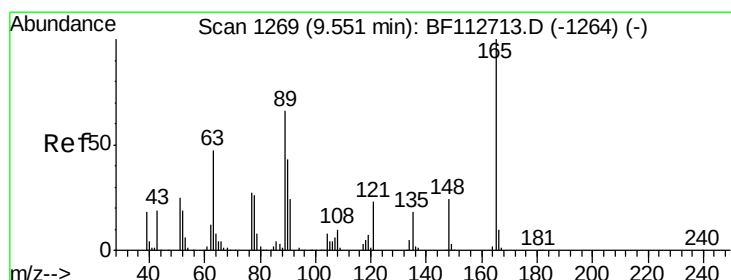
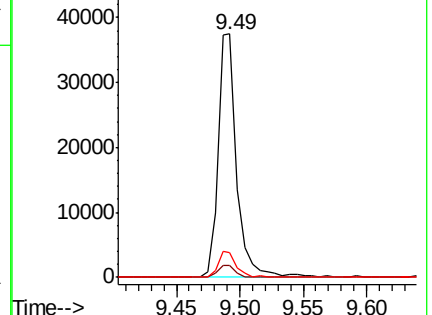
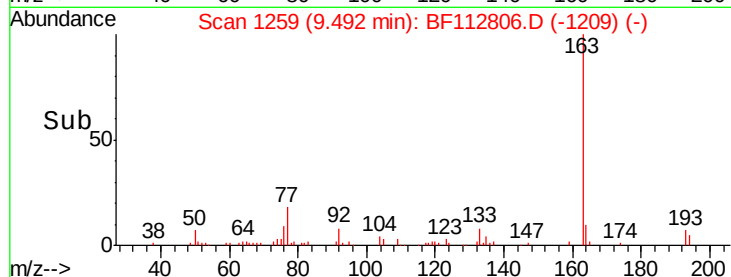
164 10.3 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.590 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

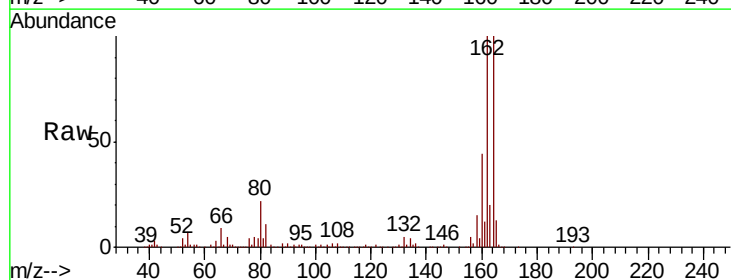
Tgt Ion:165 Resp: 33421

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

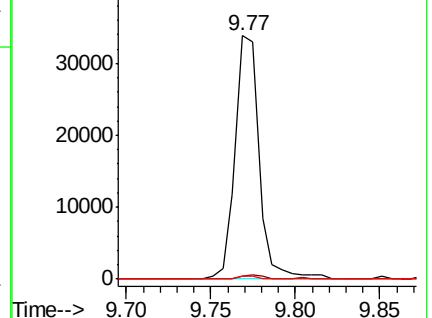
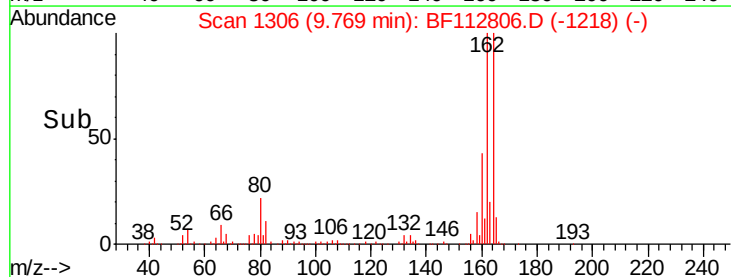
89 1.1 52.8 79.2#

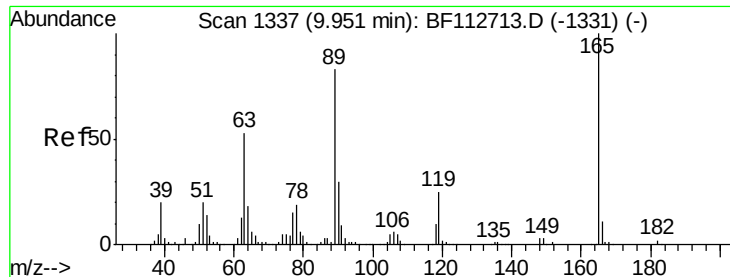


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.911 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.18 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-B

Tgt Ion:165 Resp: 33421

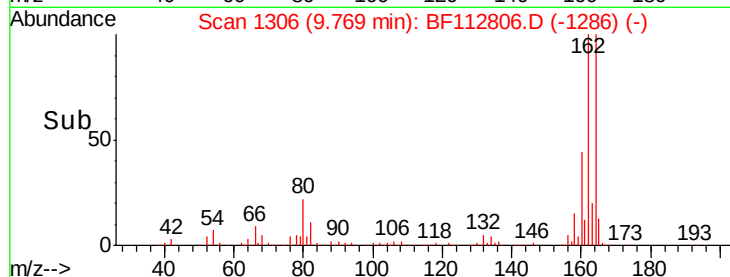
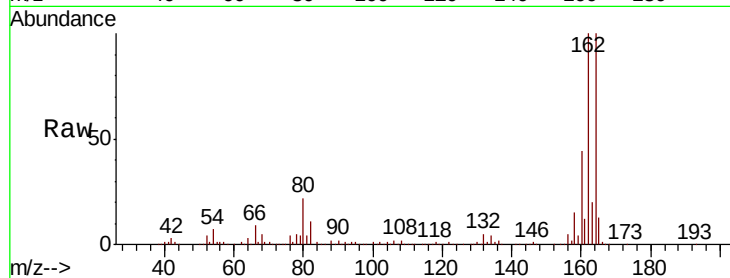
Ion Ratio Lower Upper

165 100

63 1.3 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

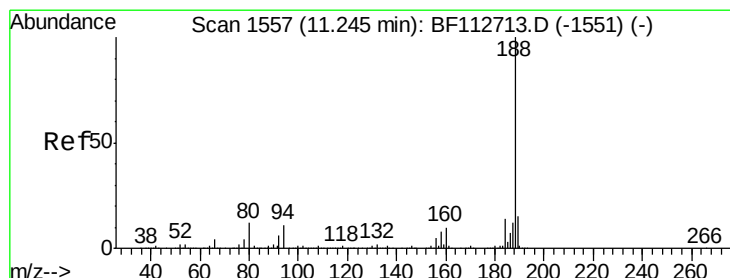
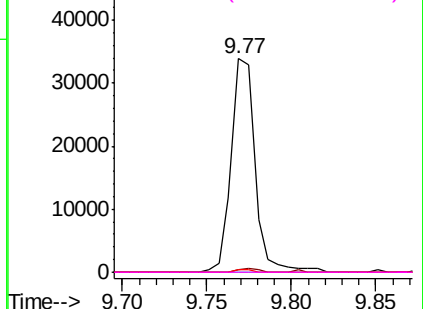


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112806.D

Acq: 1 Mar 2019 18:10

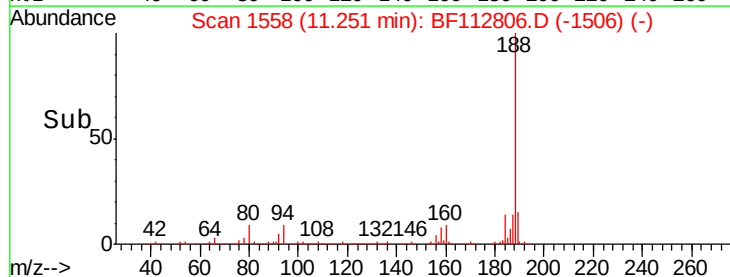
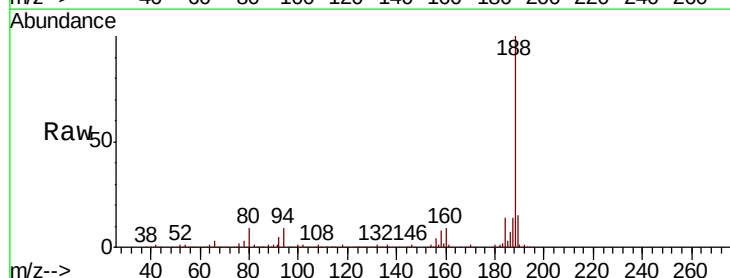
Tgt Ion:188 Resp: 441512

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

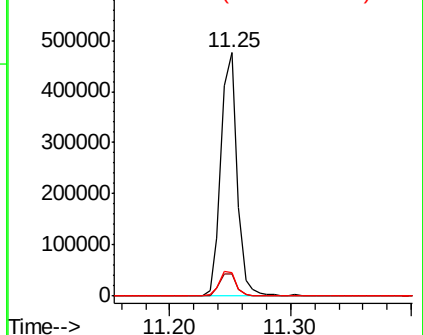
80 9.4 9.2 13.8

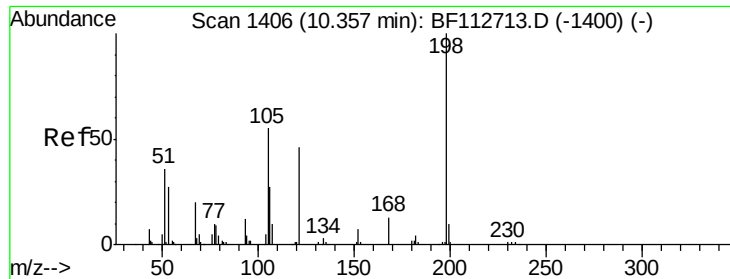


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

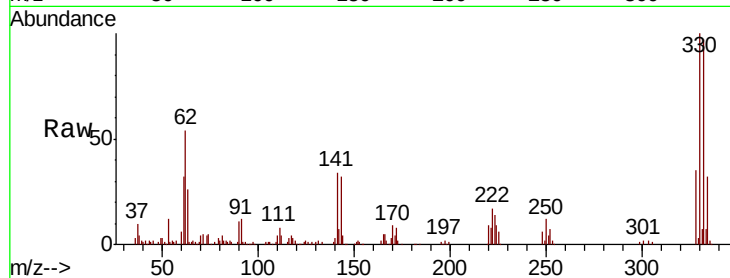




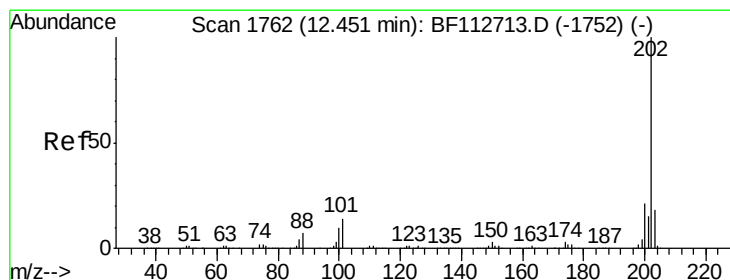
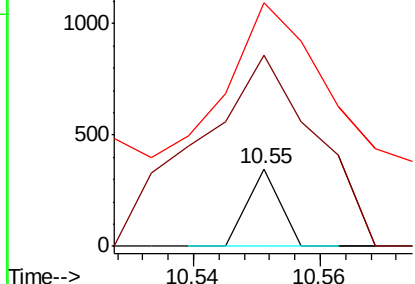
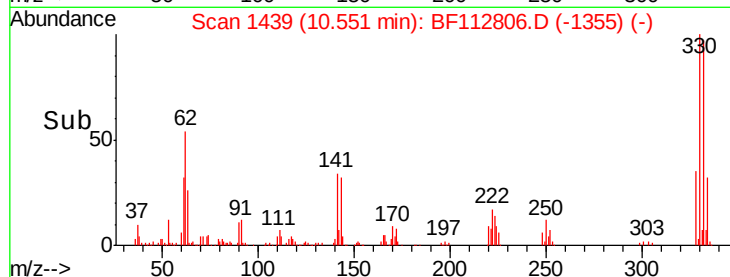
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.674 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF112806.D
 Acq: 1 Mar 2019 18:10

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

Tgt Ion:198 Resp: 122
 Ion Ratio Lower Upper
 198 100
 51 247.6 43.8 83.8#
 105 315.3 36.5 76.5#

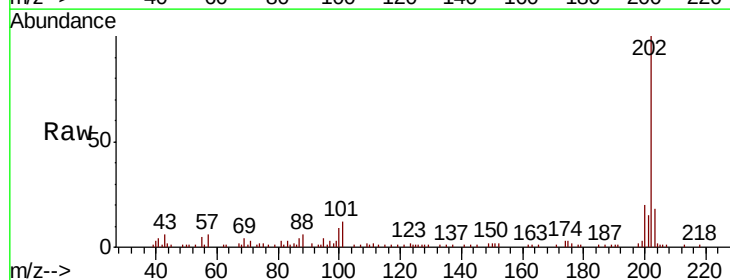


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

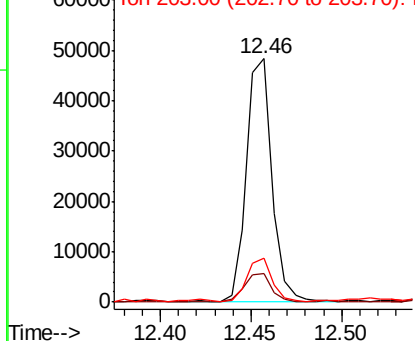
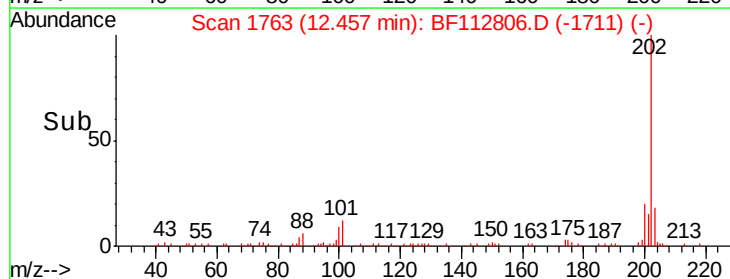


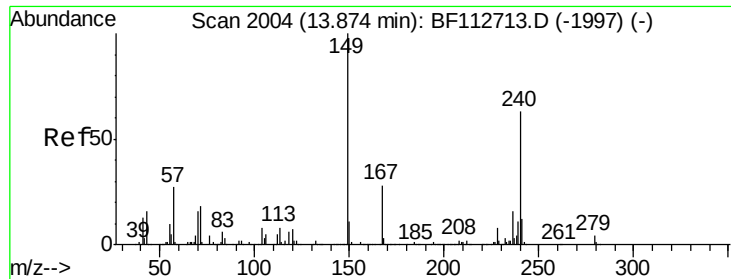
#75
 Fluoranthene
 Concen: 2.016 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF112806.D
 Acq: 1 Mar 2019 18:10

Tgt Ion:202 Resp: 47441
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 33.8
 203 18.0 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

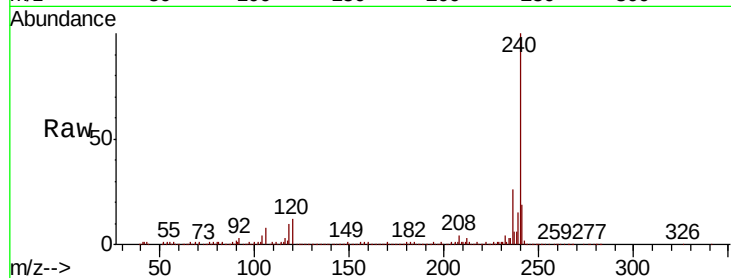




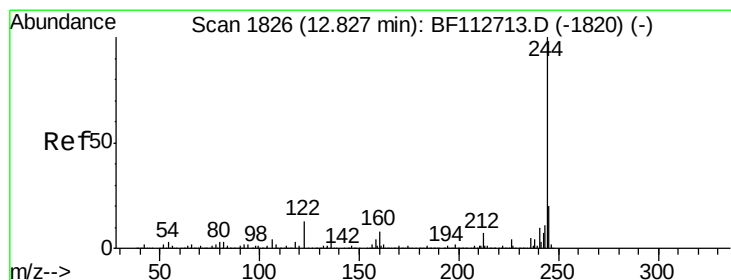
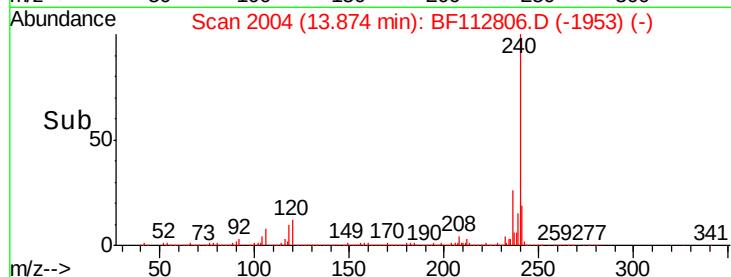
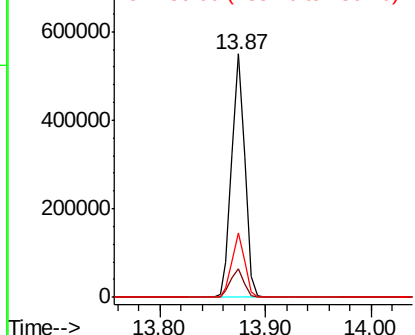
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

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

Tgt Ion:240 Resp: 473749
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.2 20.7 31.1

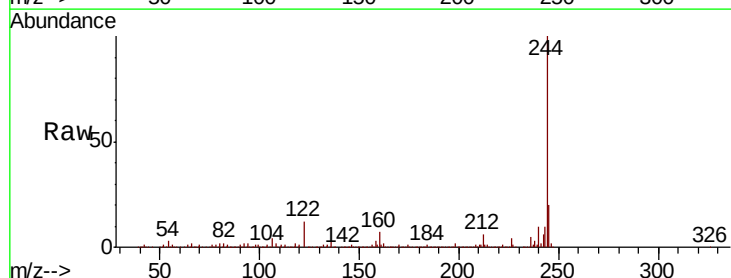


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

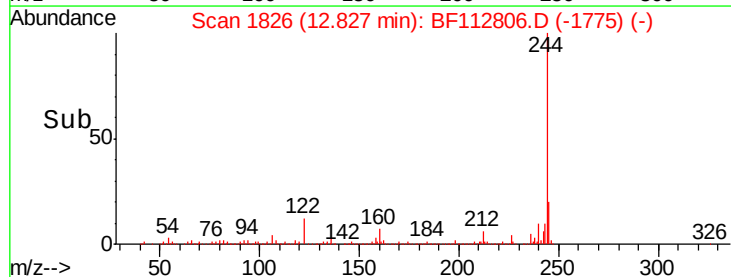
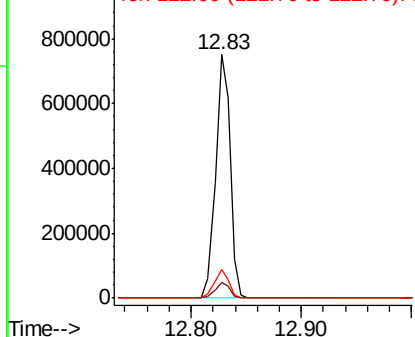


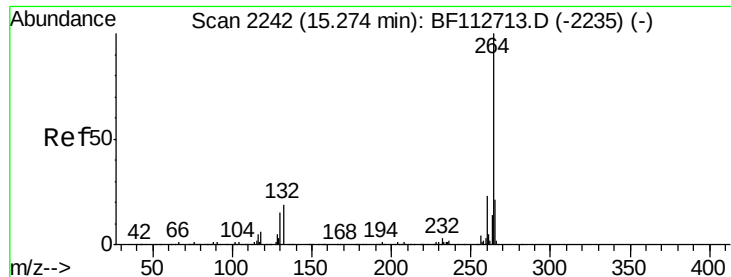
#79
Terphenyl-d14
Concen: 27.793 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

Tgt Ion:244 Resp: 679221
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 12.0 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



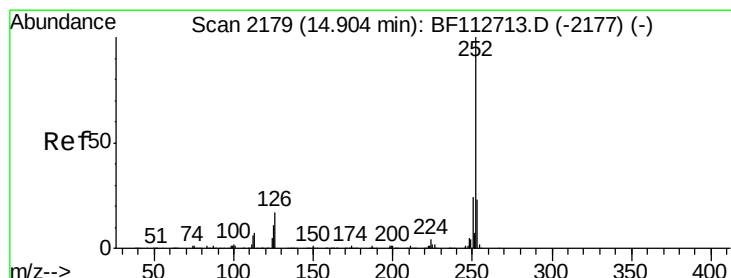
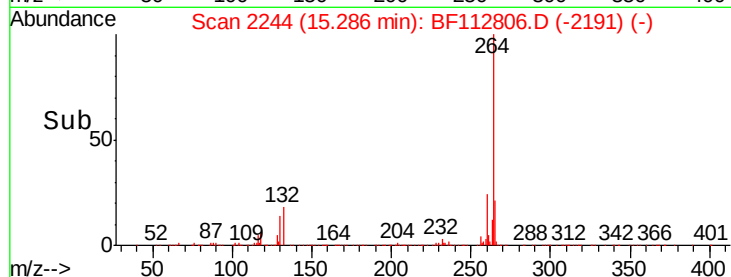
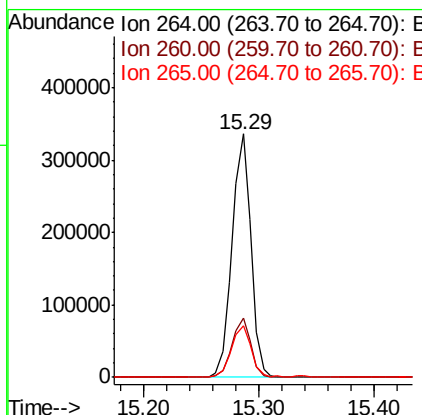
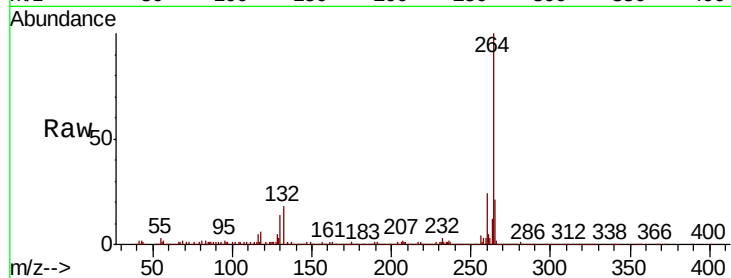


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

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

Tgt Ion:264 Resp: 379135

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.4	17.2	25.8



#89
Benzo(k)fluoranthene
Concen: 2.065 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112806.D
Acq: 1 Mar 2019 18:10

Tgt Ion:252 Resp: 45869

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.2#
125	16.6	9.8	14.6#

