

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112805.D
 Acq On : 1 Mar 2019 17:43
 Operator : JU/SJ
 Sample : K1672-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 01 21:58:26 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

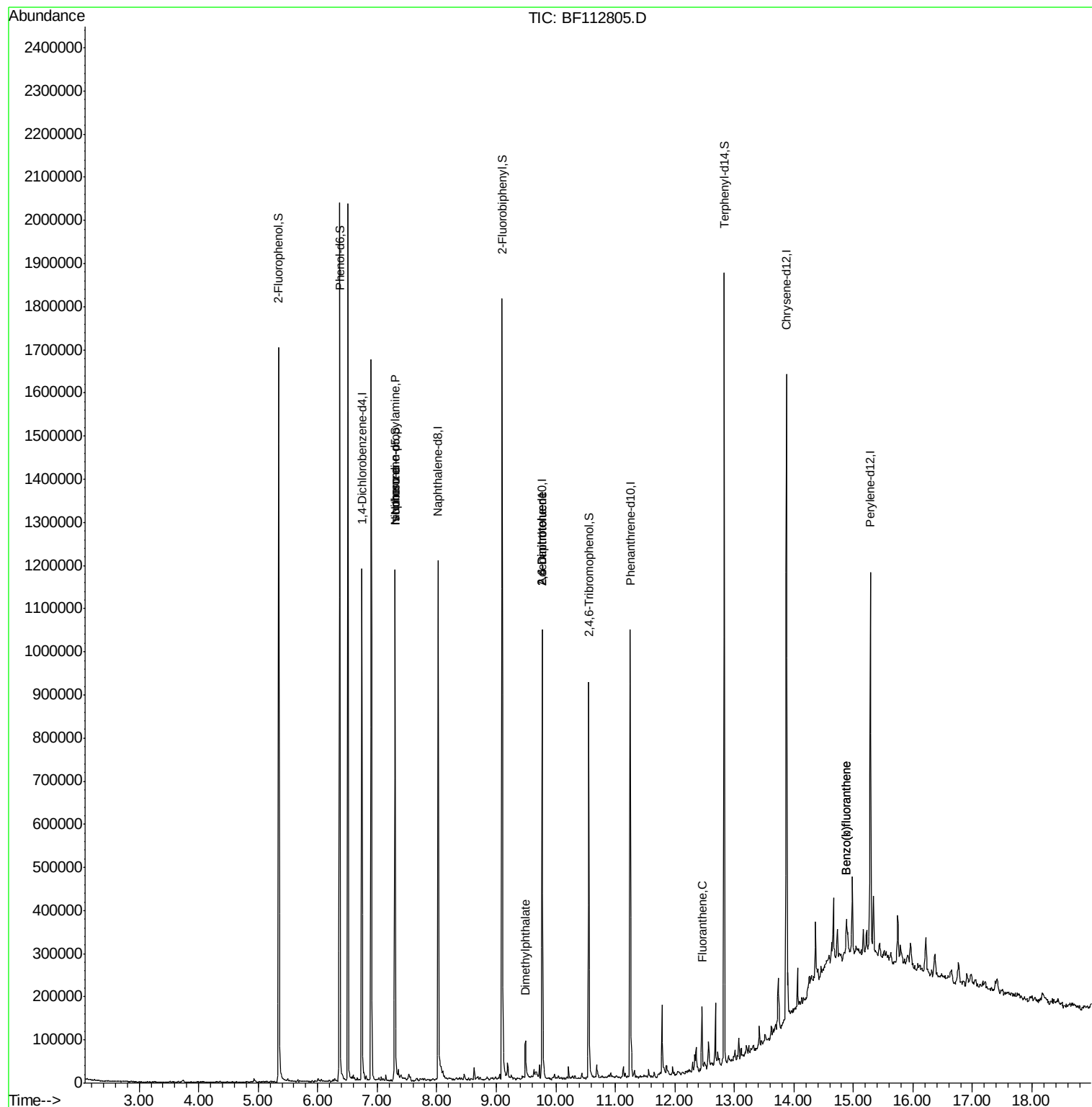
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175044	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	599400	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	222813	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	407769	20.00	ng	0.00
76) Chrysene-d12	13.87	240	468227	20.00	ng	0.00
87) Perylene-d12	15.29	264	393313	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	508429	45.18	ng	0.00
7) Phenol-d6	6.37	99	638926	45.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	351381	35.08	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	124051	52.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	581455	37.10	ng	0.00
79) Terphenyl-d14	12.83	244	578357	23.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	45324	5.063	ng	# 77
25) Isophorone	7.30	82	348497	16.149	ng	# 66
50) Dimethylphthalate	9.49	163	37975	2.311	ng	# 98
51) 2,6-Dinitrotoluene	9.77	165	28516	8.335	ng	# 19
57) 2,4-Dinitrotoluene	9.77	165	28516	6.705	ng	# 18
75) Fluoranthene	12.46	202	58070	2.672	ng	# 97
88) Benzo(b)fluoranthene	14.88	252	59097	2.323	ng	# 90
89) Benzo(k)fluoranthene	14.88	252	59097	2.565	ng	# 90

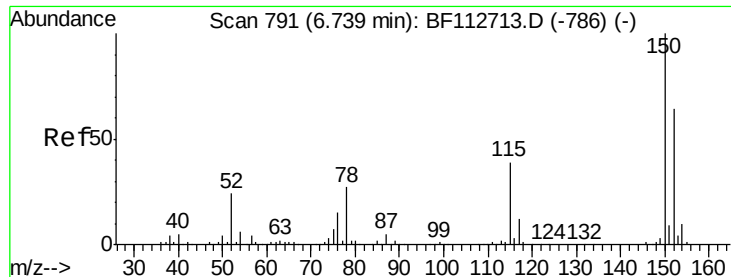
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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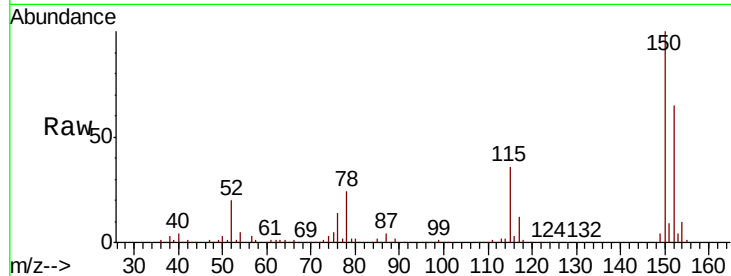


#1

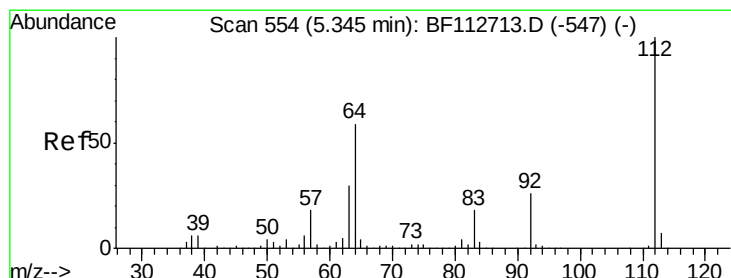
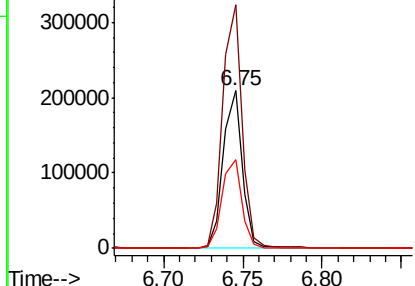
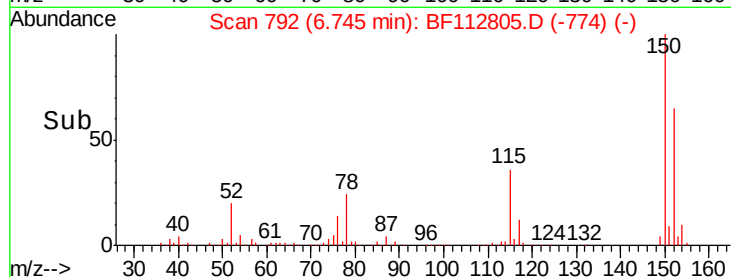
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

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

Tgt Ion:152 Resp: 175044
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 56.4 48.2 72.4



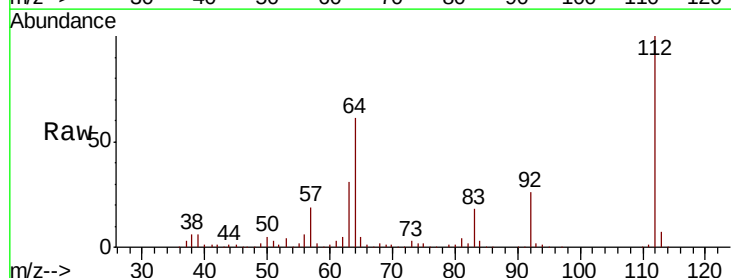
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



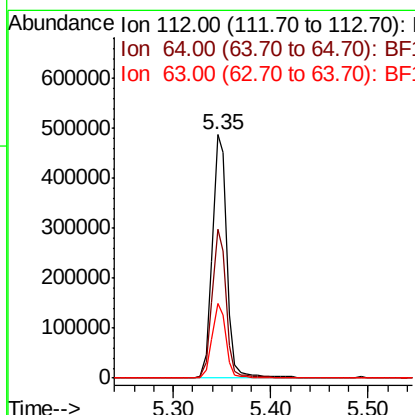
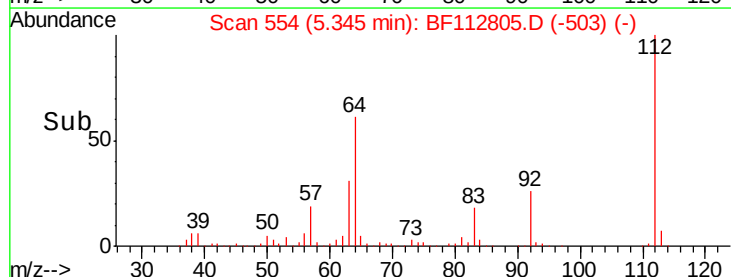
#5

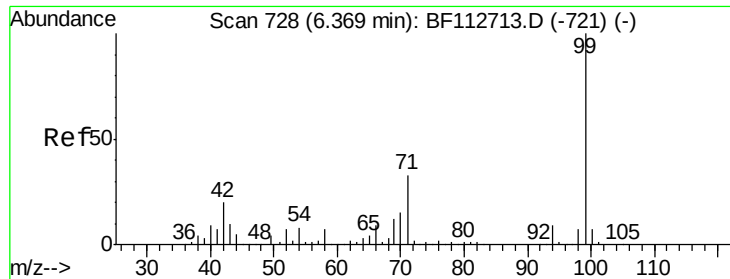
2-Fluorophenol
Concen: 45.182 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

Tgt Ion:112 Resp: 508429
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 30.7 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: 45.200 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112805.D

Acq: 1 Mar 2019 17:43

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-A

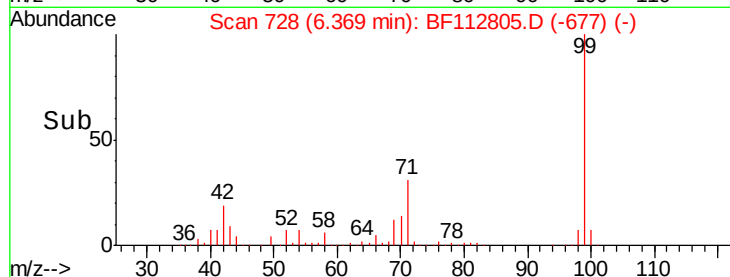
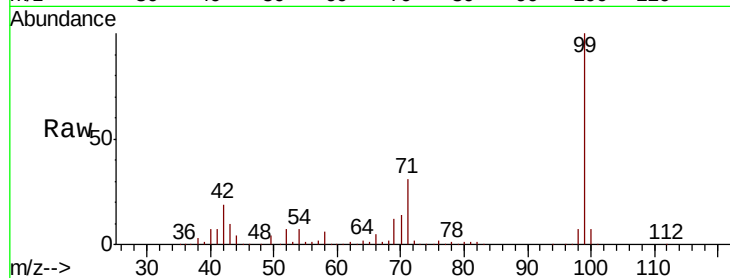
Tgt Ion: 99 Resp: 638926

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

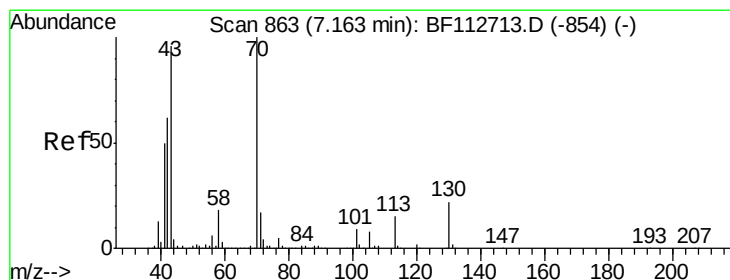
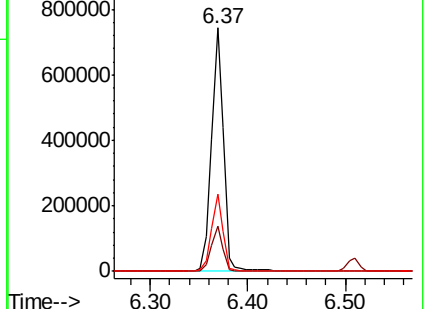
71 31.5 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.063 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112805.D

Acq: 1 Mar 2019 17:43

Tgt Ion: 70 Resp: 45324

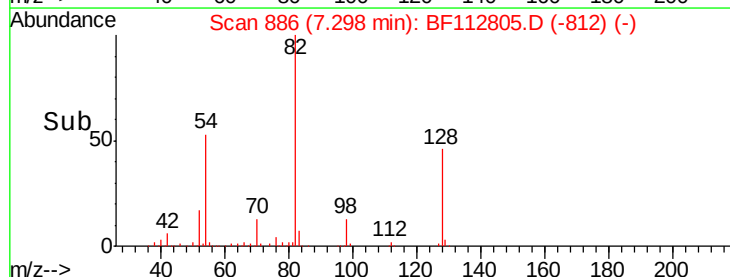
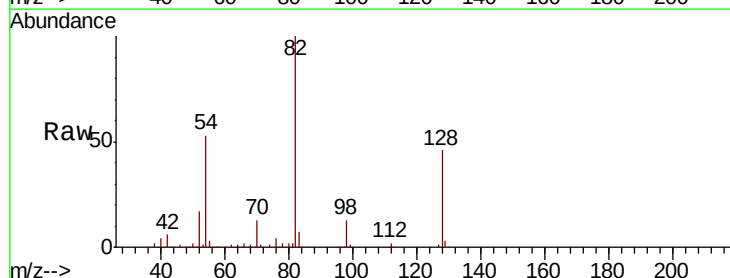
Ion Ratio Lower Upper

70 100

42 49.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

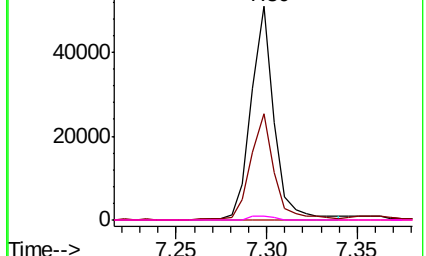


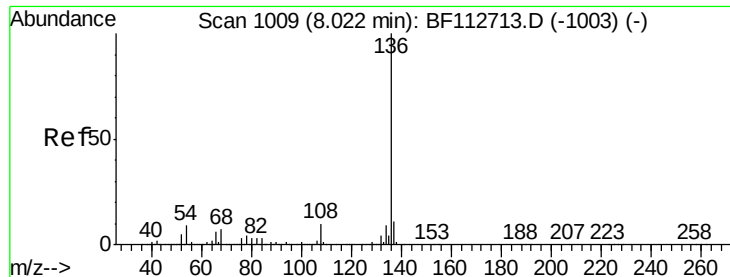
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

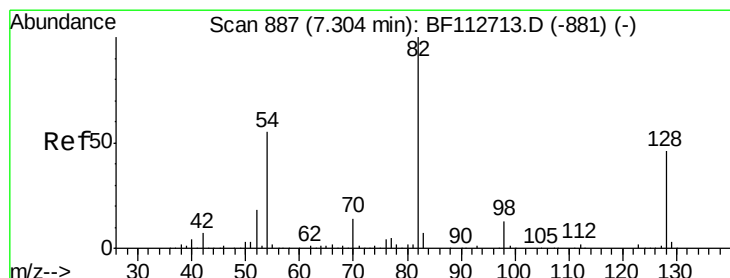
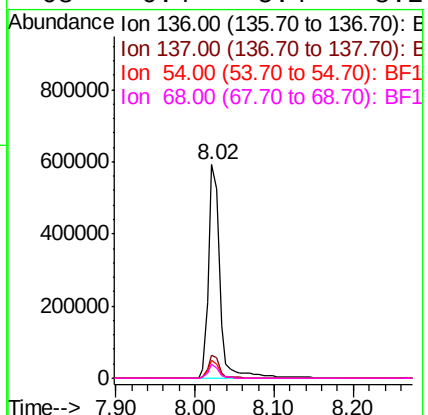
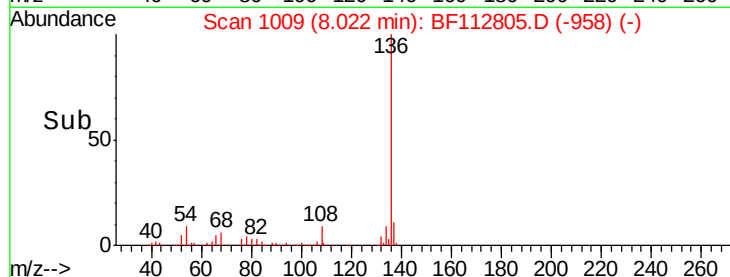
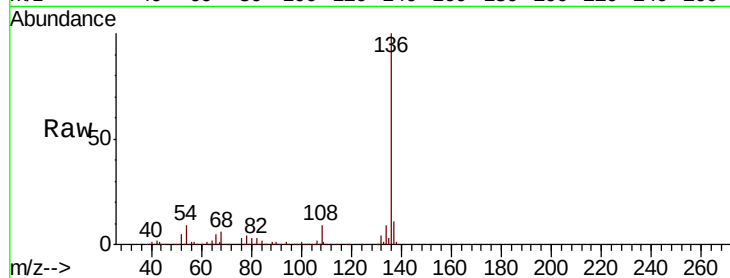




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

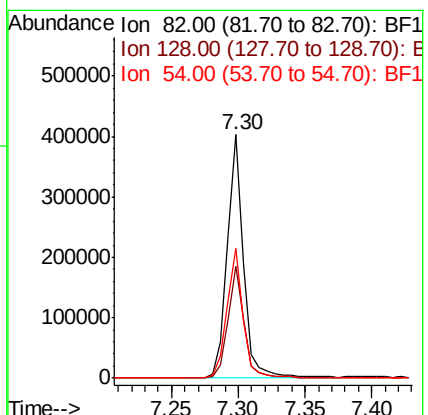
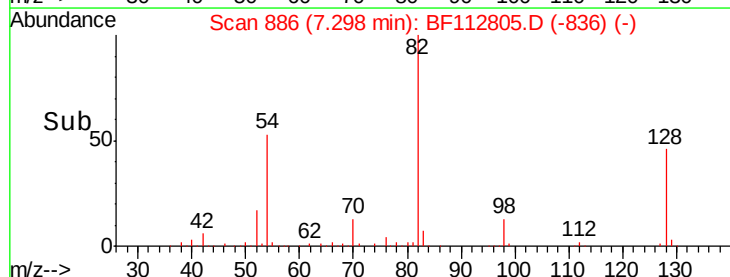
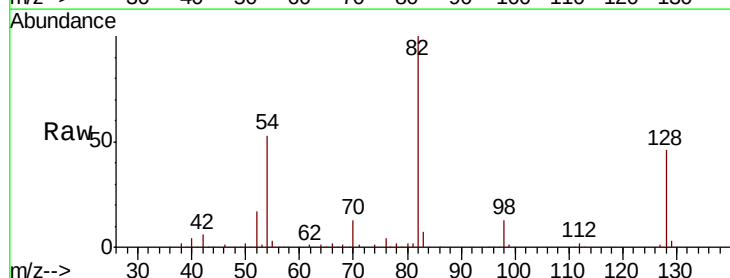
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

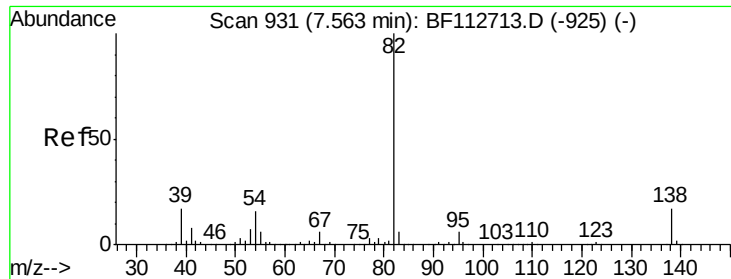
Tgt Ion:	136	Resp:	599400
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	7.3	10.9
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 35.078 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

Tgt Ion:	82	Resp:	351381
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	53.2	43.7	65.5





#25

Isophorone

Concen: 16.149 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112805.D

Acq: 1 Mar 2019 17:43

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-A

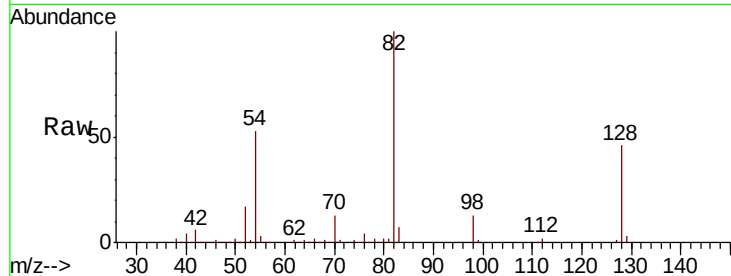
Tgt Ion: 82 Resp: 348497

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

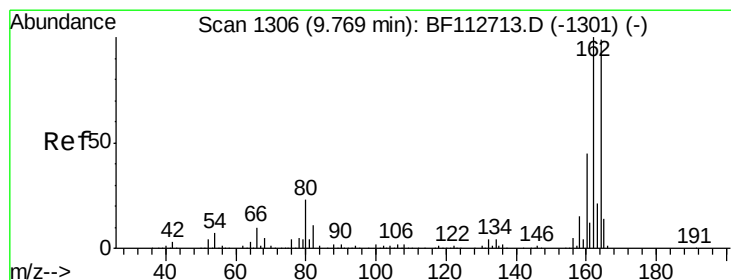
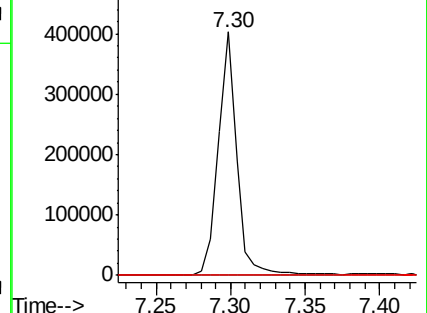
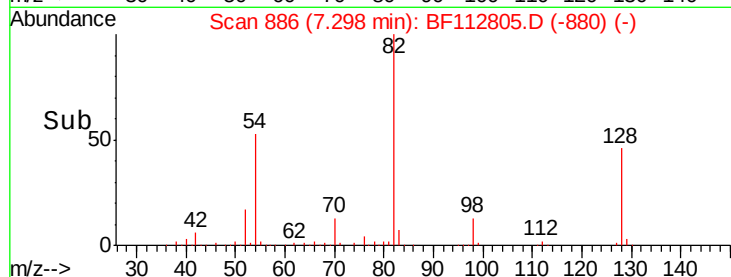
138 0.0 13.8 20.8#



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: BF112805.D

Acq: 1 Mar 2019 17:43

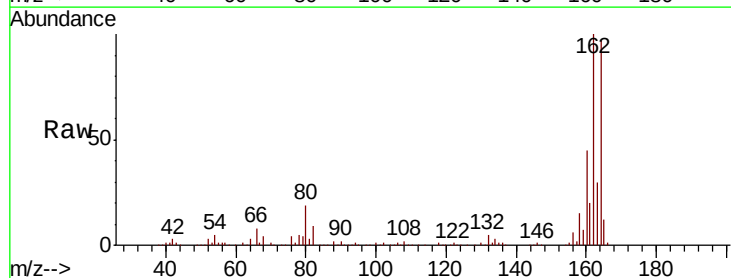
Tgt Ion: 164 Resp: 222813

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

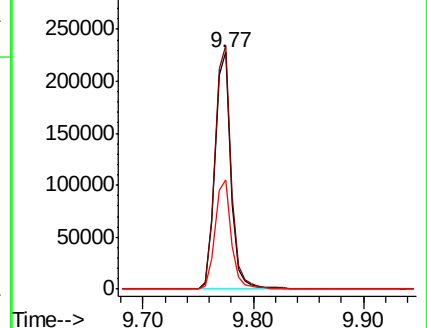
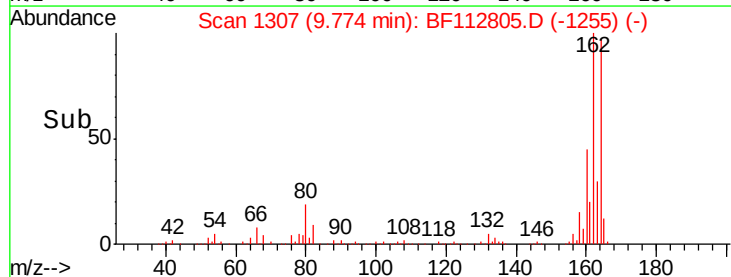
160 46.0 36.0 54.0

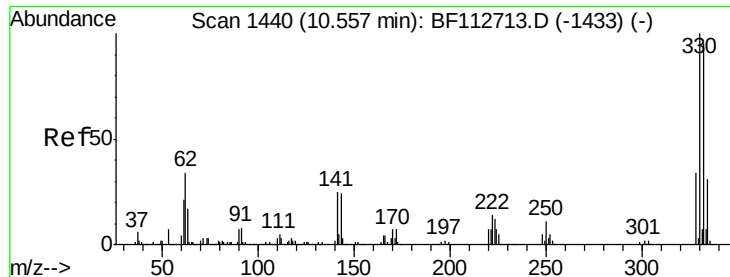


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

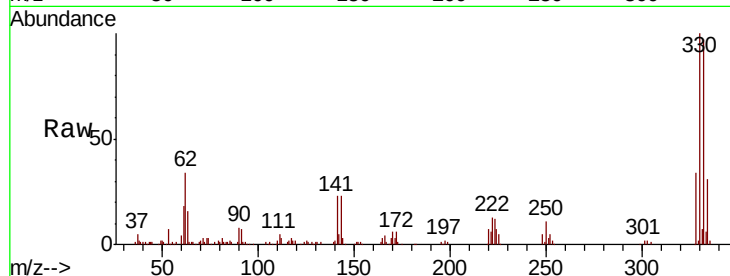




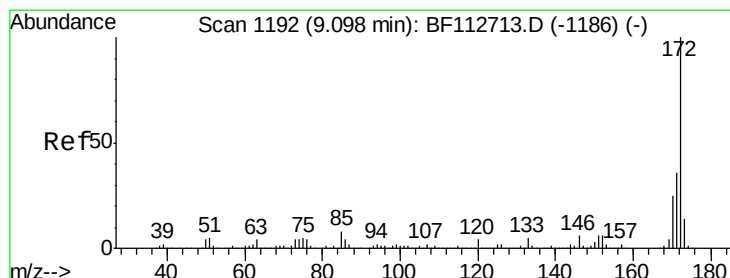
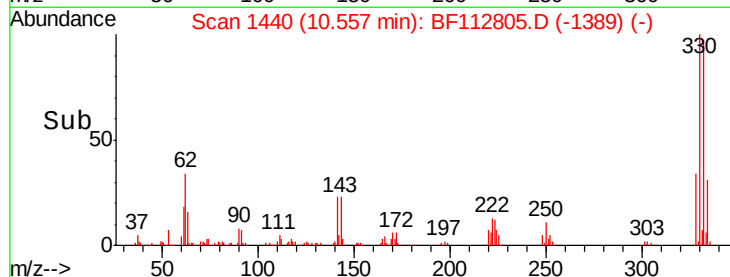
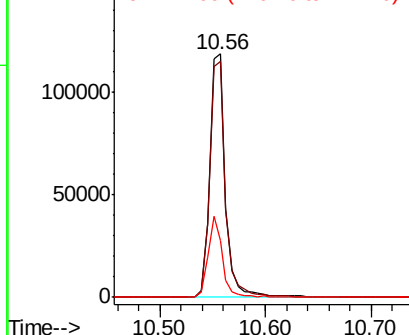
#42
 2,4,6-Tribromophenol
 Concen: 52.443 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112805.D
 Acq: 1 Mar 2019 17:43

Instrument :
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 FK-GF-02-033-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	30.6	27.0	40.6

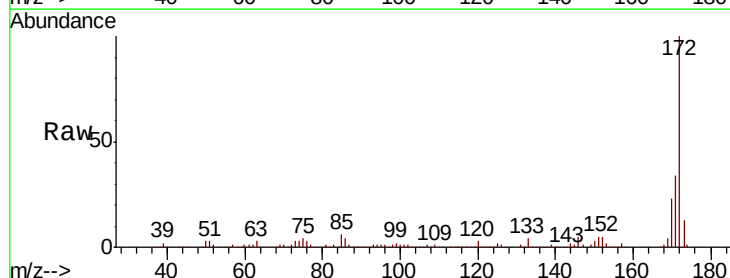


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

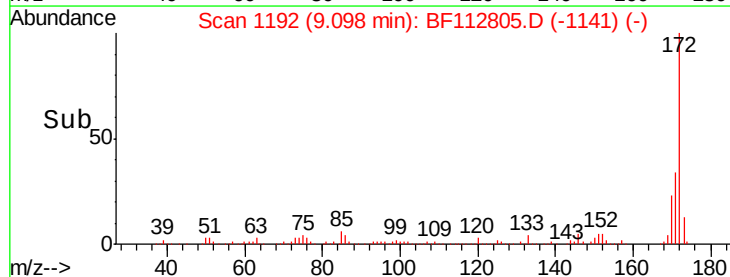
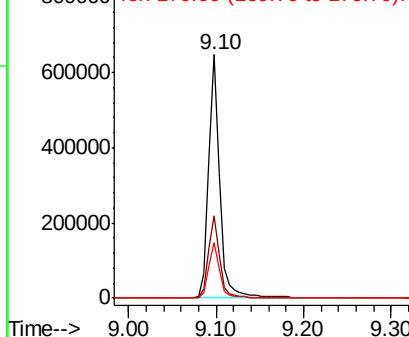


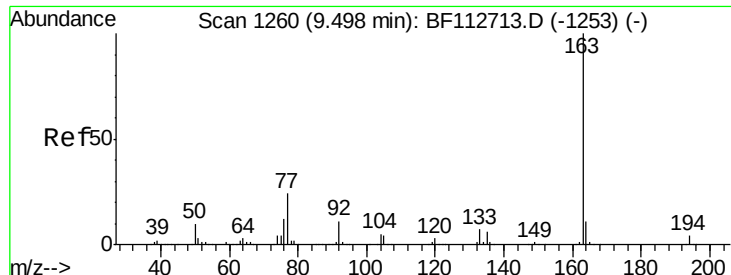
#45
 2-Fluorobiphenyl
 Concen: 37.098 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112805.D
 Acq: 1 Mar 2019 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.4
170	23.0	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

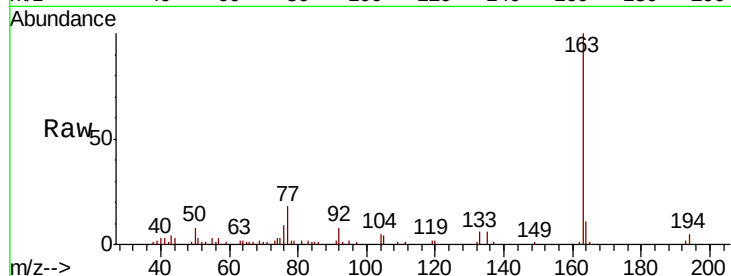




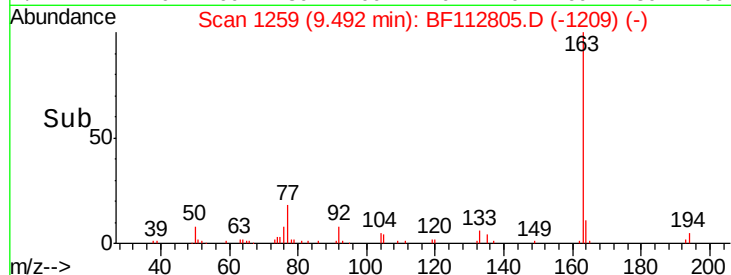
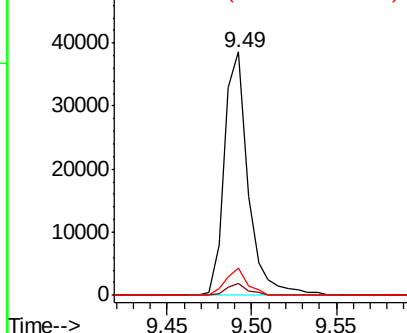
#50
Dimethylphthalate
Concen: 2.311 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

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

Tgt Ion:163 Resp: 37975
Ion Ratio Lower Upper
163 100
194 4.9 3.0 4.4#
164 11.1 8.4 12.6

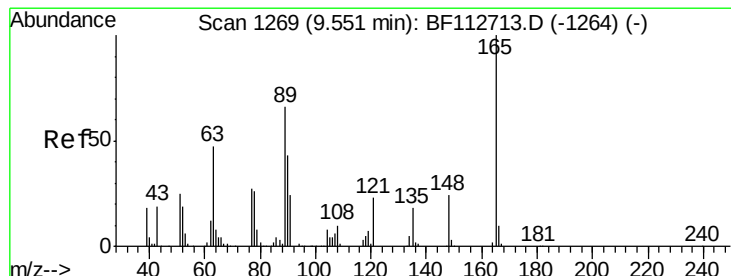


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

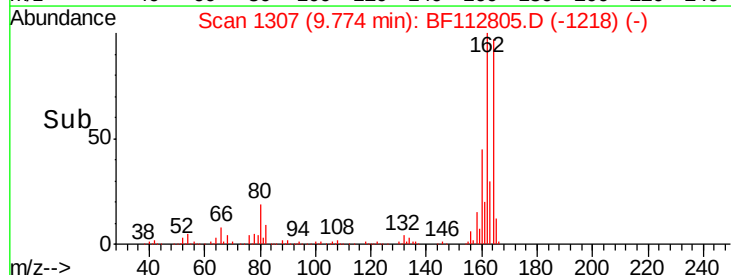
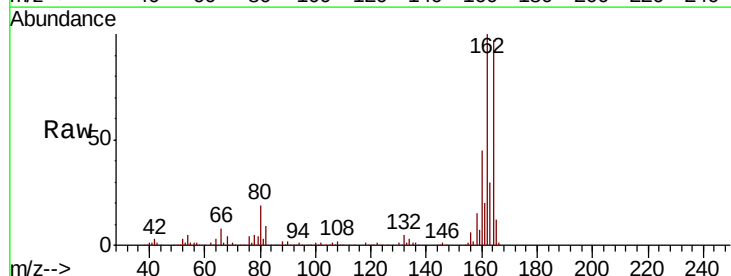
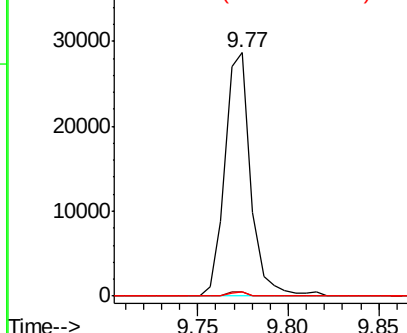


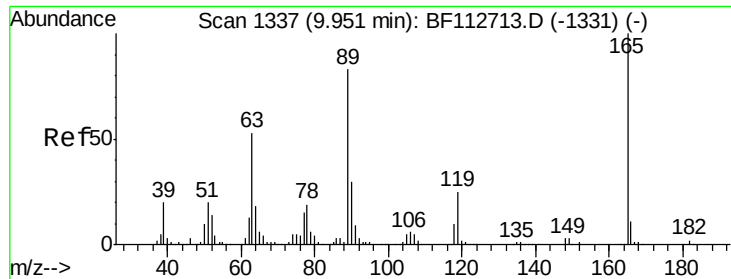
#51
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

Tgt Ion:165 Resp: 28516
Ion Ratio Lower Upper
165 100
63 1.7 54.1 81.1#
89 1.7 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

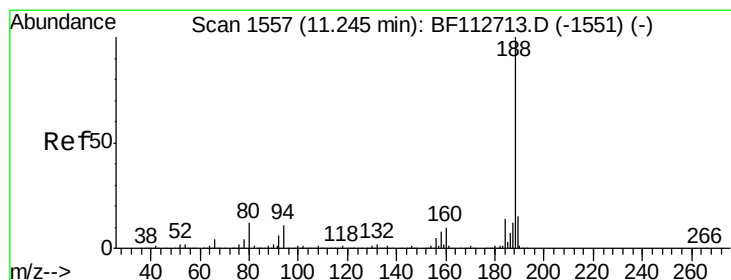
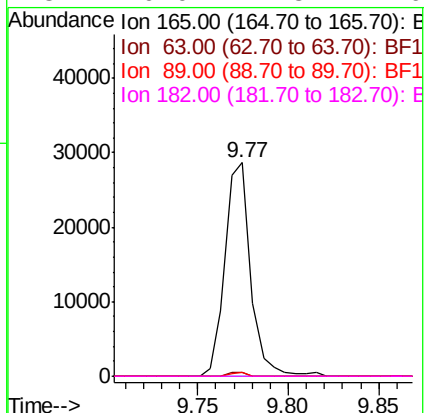
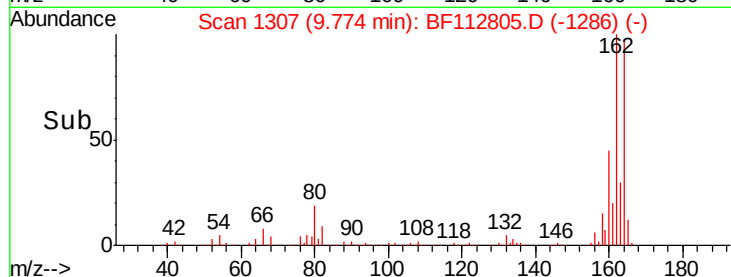
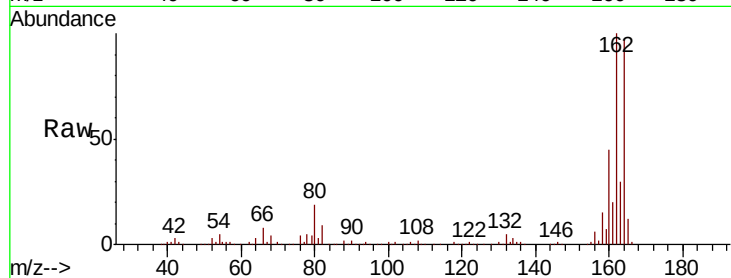




#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

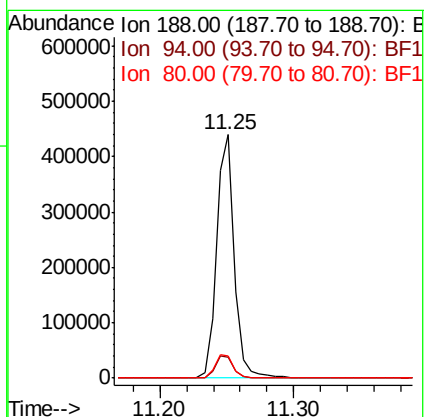
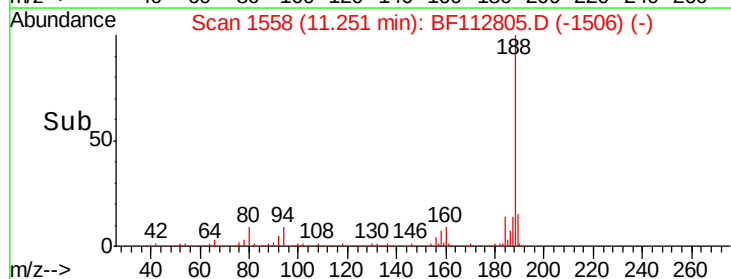
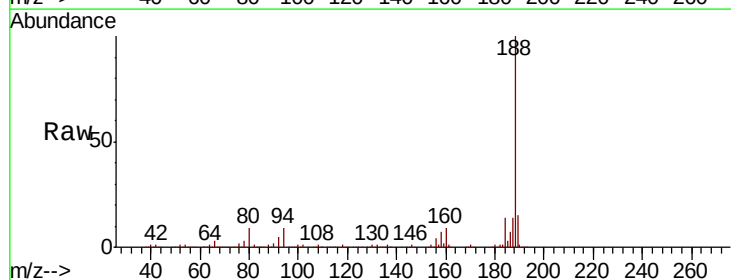
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

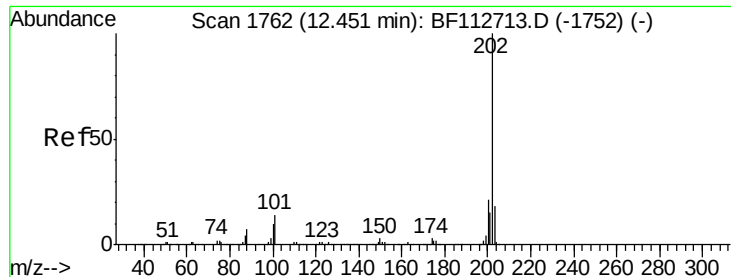
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.0	9.2	13.8#





#75

Fluoranthene

Concen: 2.672 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112805.D

Acq: 1 Mar 2019 17:43

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-A

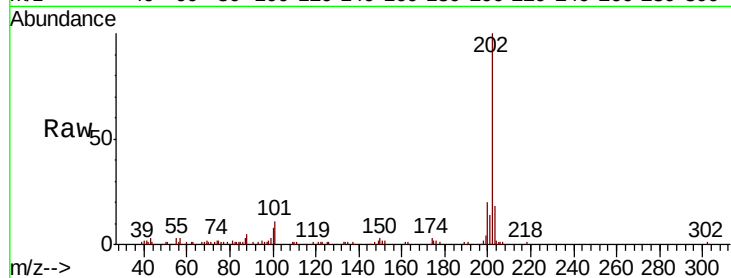
Tgt Ion:202 Resp: 58070

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.8

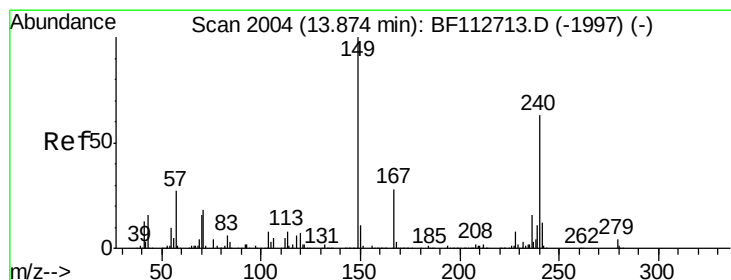
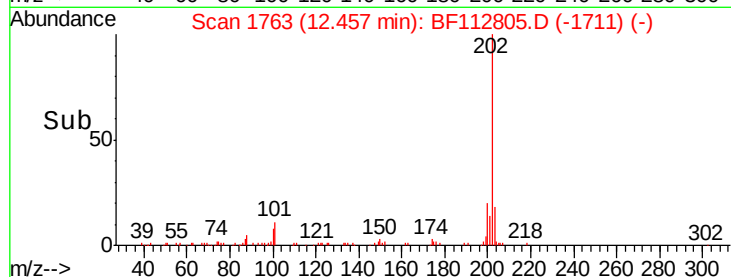
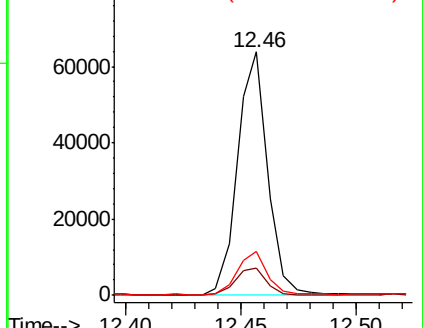
203 18.0 0.0 38.4



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: BF112805.D

Acq: 1 Mar 2019 17:43

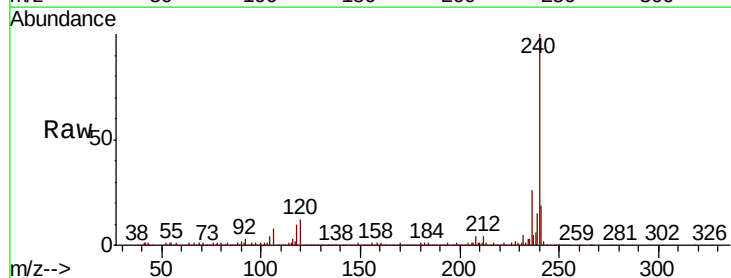
Tgt Ion:240 Resp: 468227

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

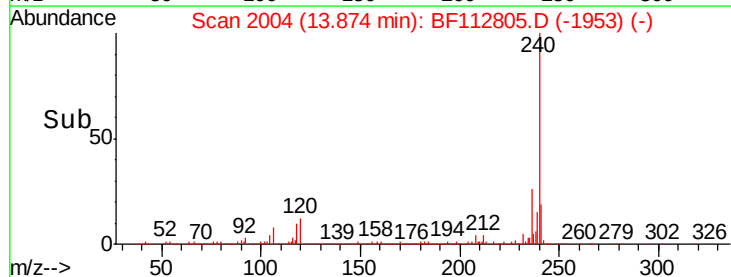
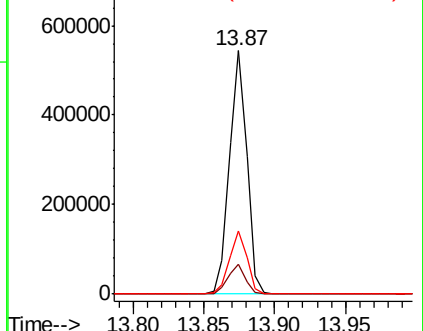
236 26.2 20.7 31.1

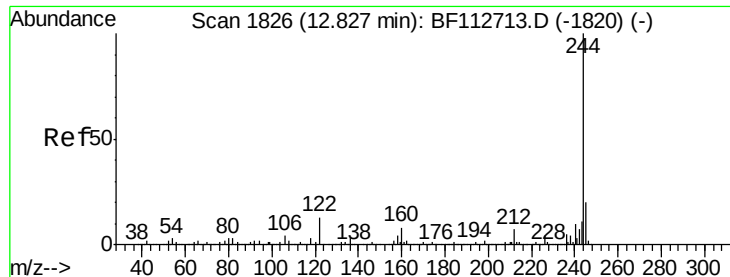


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 23.944 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112805.D

Acq: 1 Mar 2019 17:43

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-A

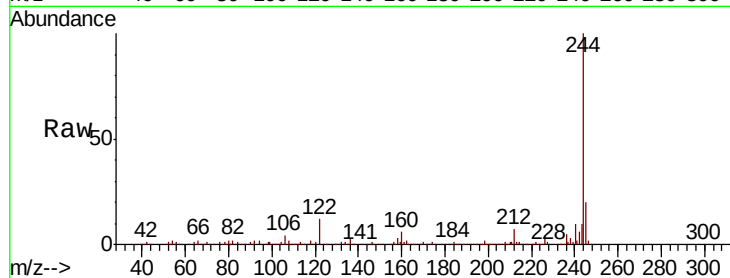
Tgt Ion:244 Resp: 578357

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

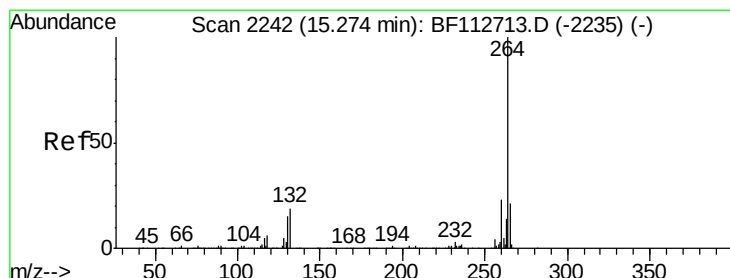
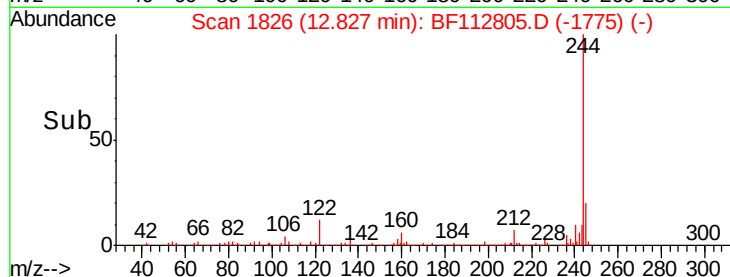
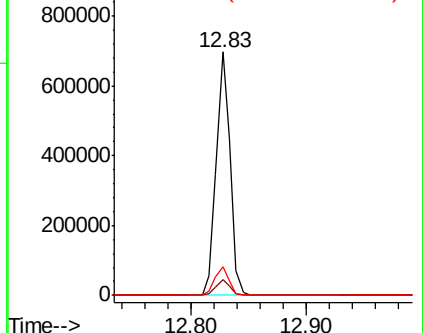
122 11.7 10.5 15.7



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: BF112805.D

Acq: 1 Mar 2019 17:43

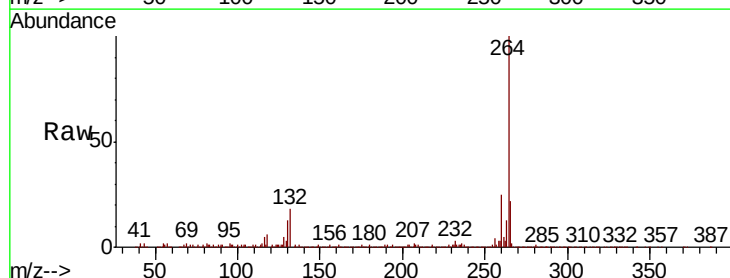
Tgt Ion:264 Resp: 393313

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

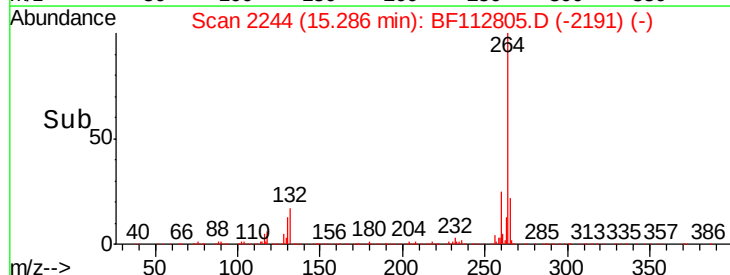
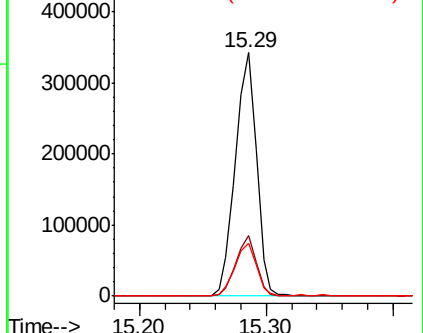
265 21.8 17.2 25.8

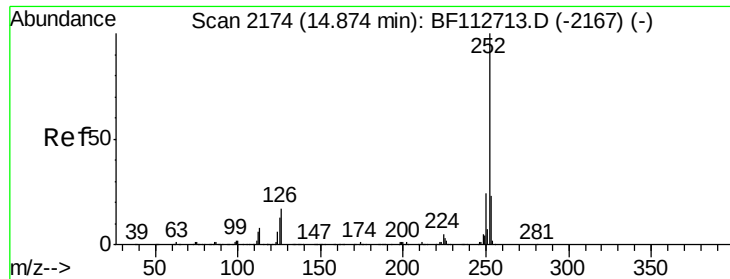


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

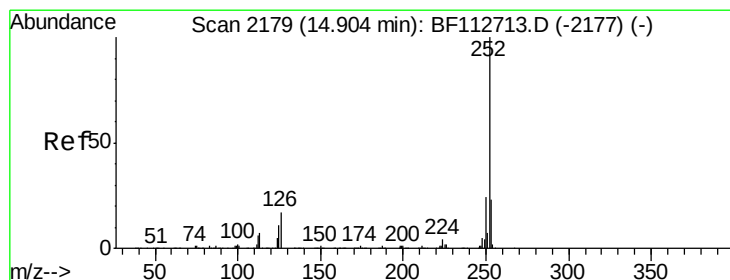
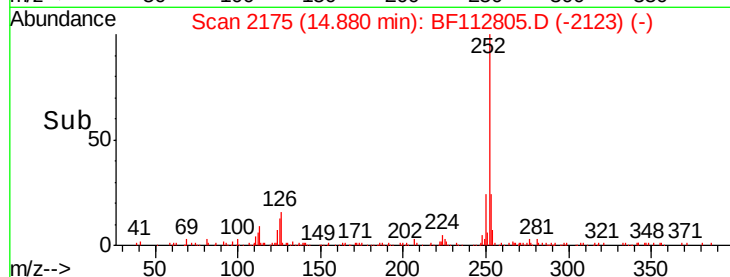
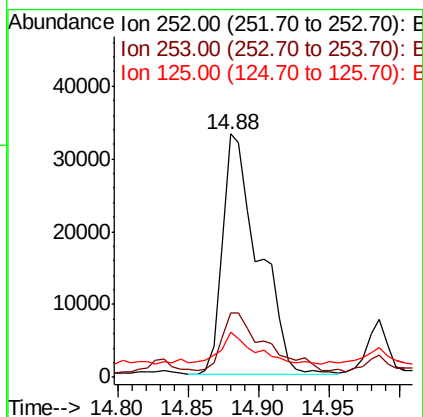
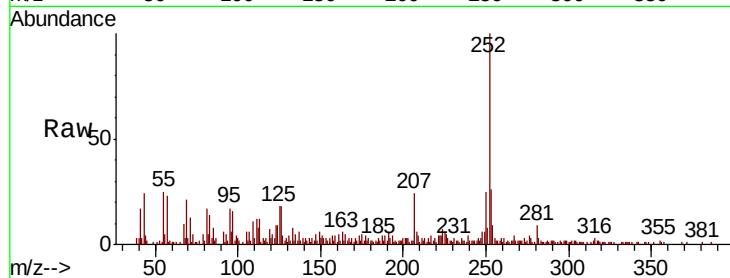




#88
Benzo(b)fluoranthene
Concen: 2.323 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

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

Tgt Ion:252 Resp: 59097
Ion Ratio Lower Upper
252 100
253 26.2 18.0 27.0
125 18.5 10.2 15.2#



#89
Benzo(k)fluoranthene
Concen: 2.565 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112805.D
Acq: 1 Mar 2019 17:43

Tgt Ion:252 Resp: 59097
Ion Ratio Lower Upper
252 100
253 26.2 18.2 27.2
125 18.5 9.8 14.6#

