

Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-A

Quant Time: Sep 11 02:58:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178013	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	620773	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	250184	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	420127	20.00	ng	0.00
75) Chrysene-d12	13.88	240	446841	20.00	ng	0.01
86) Perylene-d12	15.28	264	321927	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1068116	99.40	ng	0.02
7) Phenol-d6	6.38	99	1355517	98.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	807109	81.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245243	102.68	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1276608	87.05	ng	0.00
78) Terphenyl-d14	12.83	244	1135921	59.28	ng	0.00

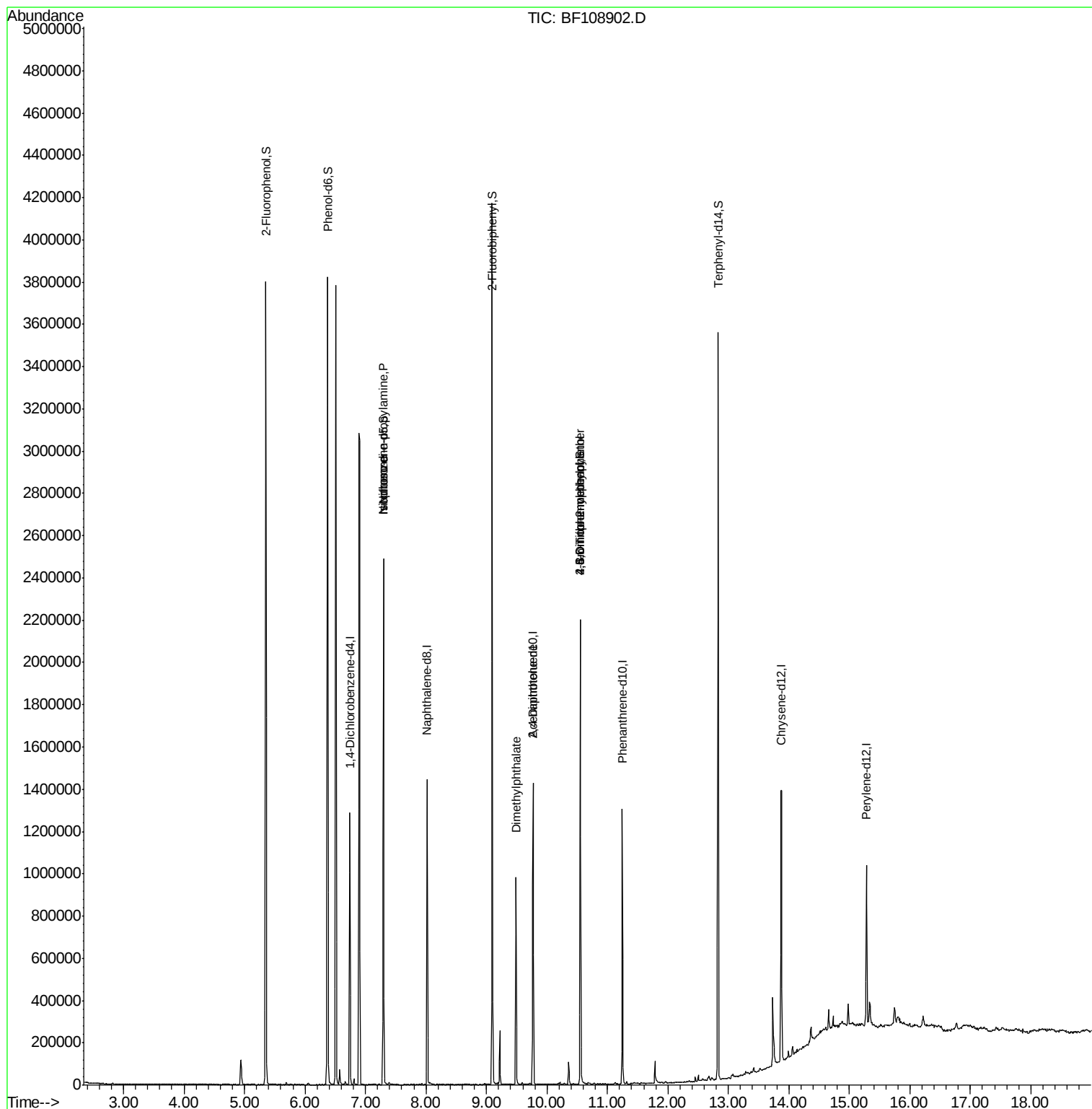
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	108302	11.270	ng	# 77
25) Isophorone	7.30	82	805221	40.696	ng	# 64
49) Dimethylphthalate	9.49	163	355349	20.307	ng	99
56) 2,4-Dinitrotoluene	9.77	165	31429	7.371	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	409	7.081	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14802	3.119	ng	# 1

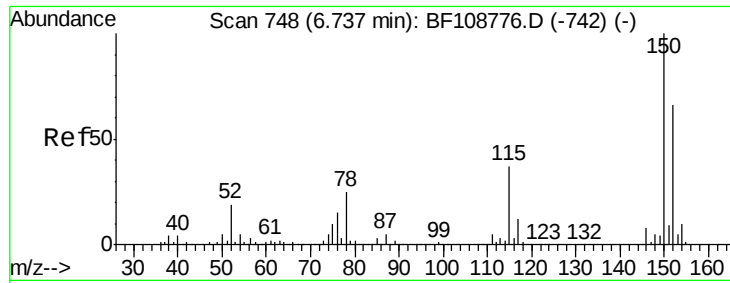
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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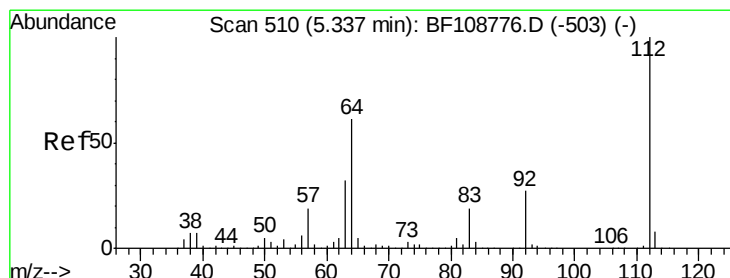
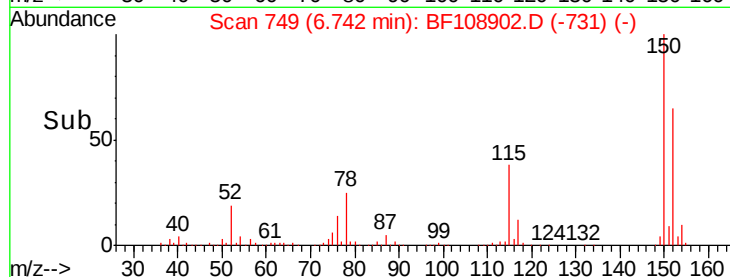
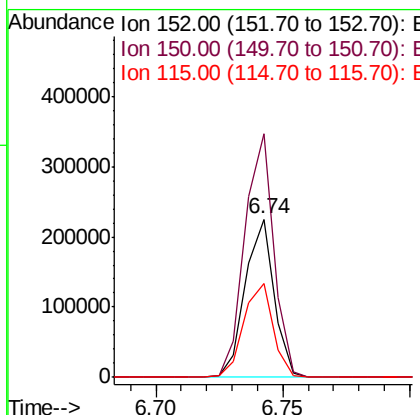
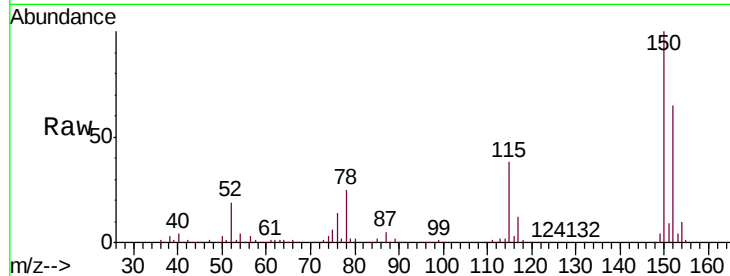




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

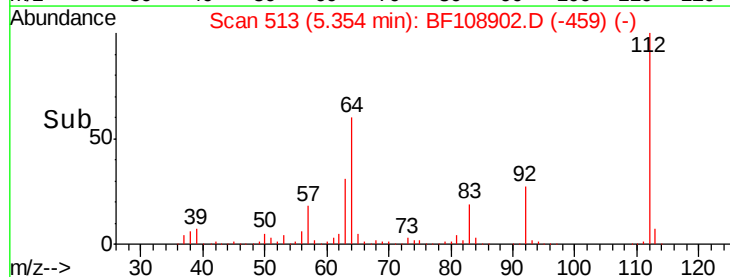
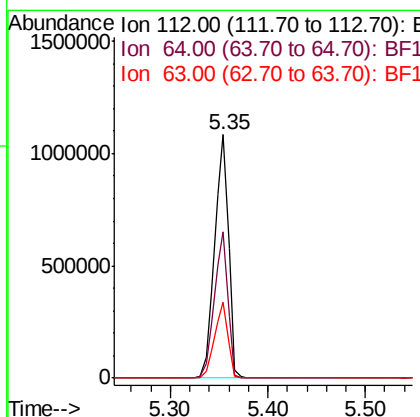
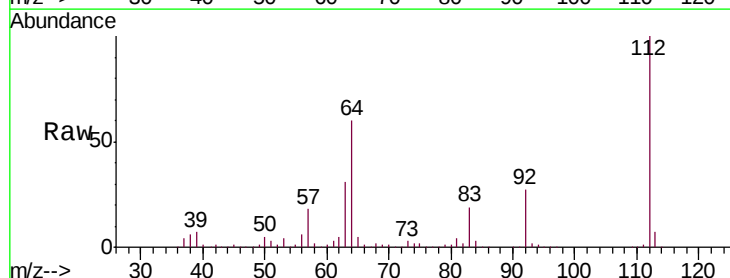
Instrument :
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 FK-GF-02-025-A

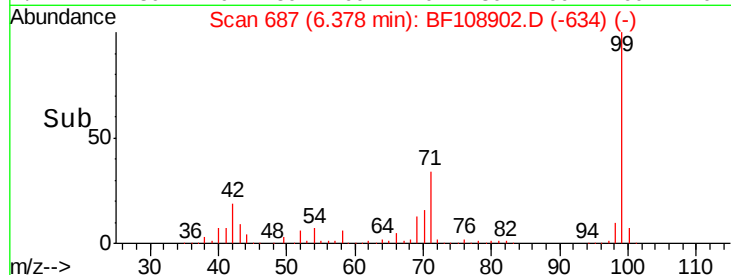
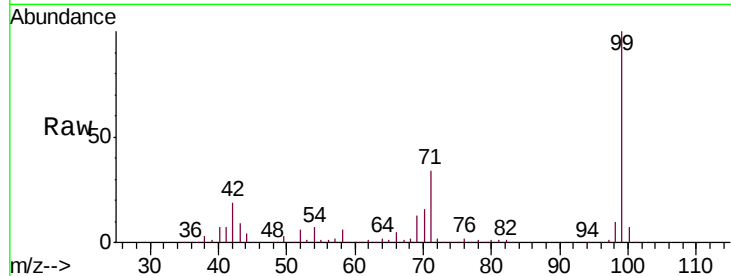
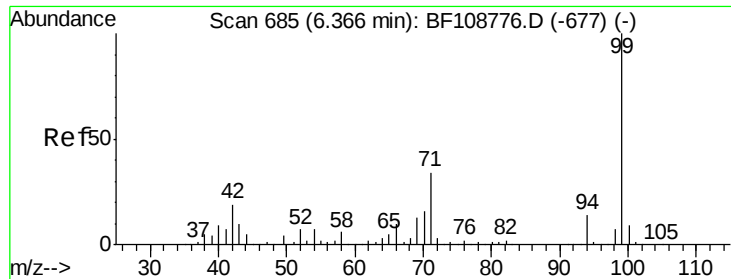
Tgt Ion:152 Resp: 178013
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 59.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 99.404 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

Tgt Ion:112 Resp: 1068116
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 98.045 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108902.D

Acq: 10 Sep 2018 19:24

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-A

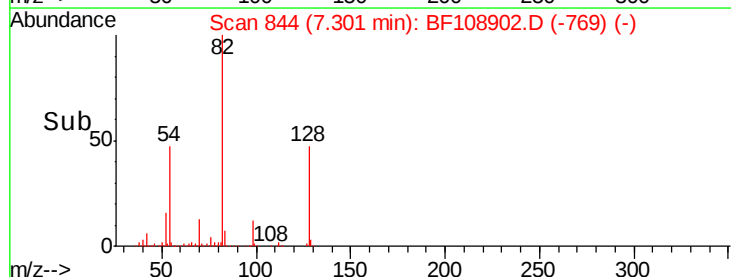
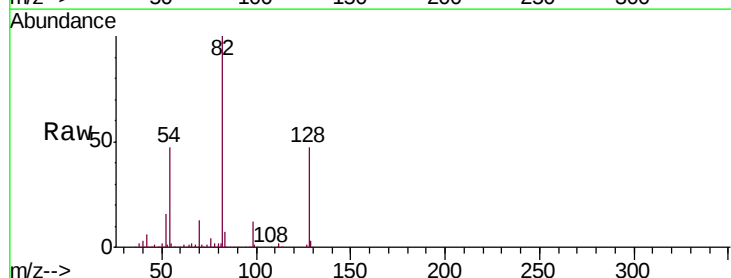
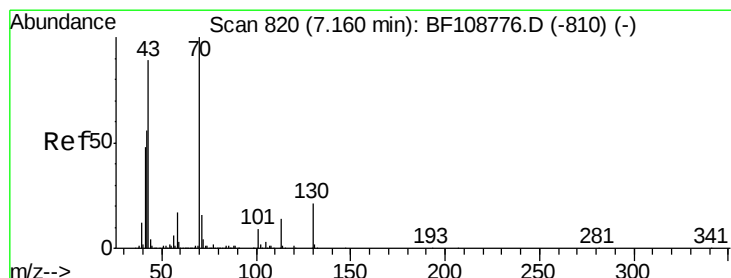
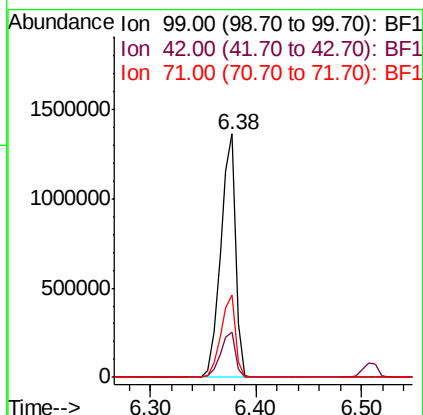
Tgt Ion: 99 Resp: 135517

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 33.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.270 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108902.D

Acq: 10 Sep 2018 19:24

Tgt Ion: 70 Resp: 108302

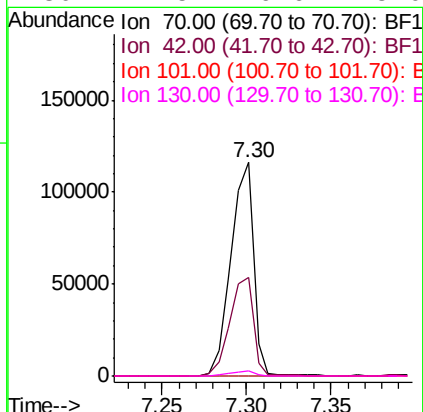
Ion Ratio Lower Upper

70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

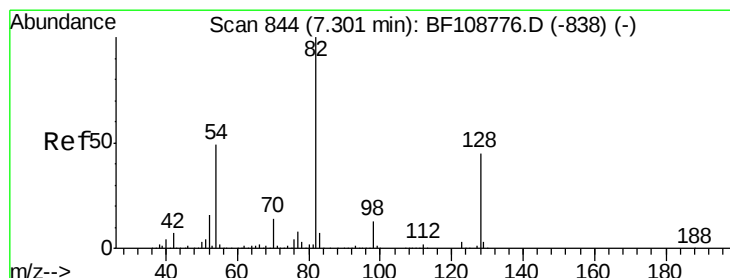
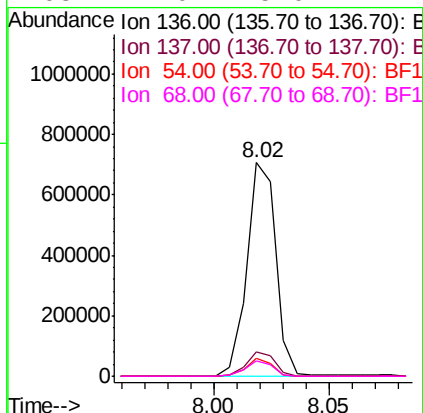
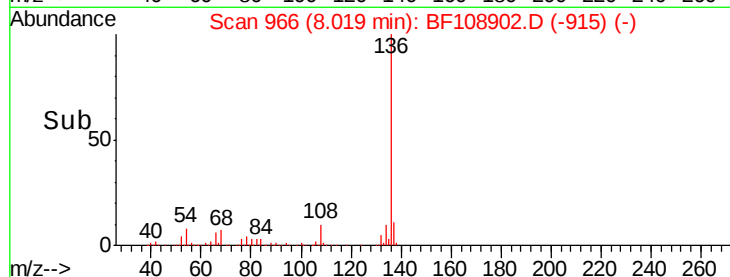
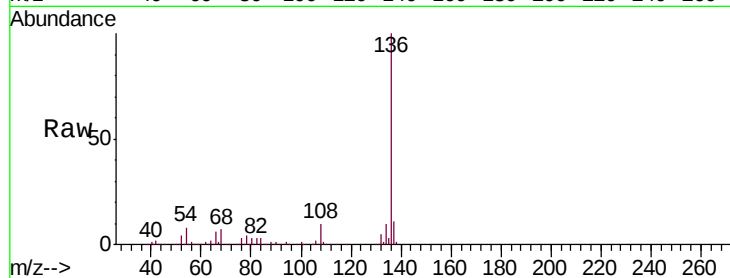




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

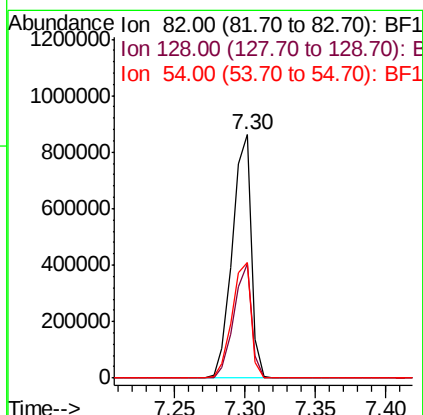
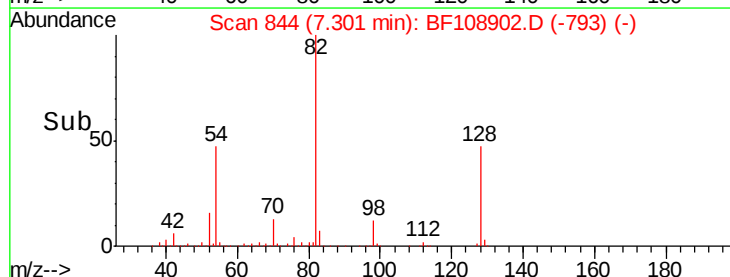
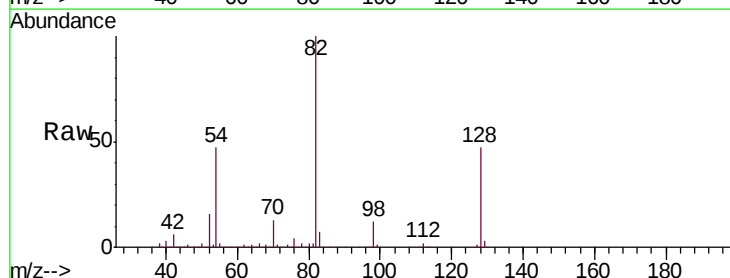
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-A

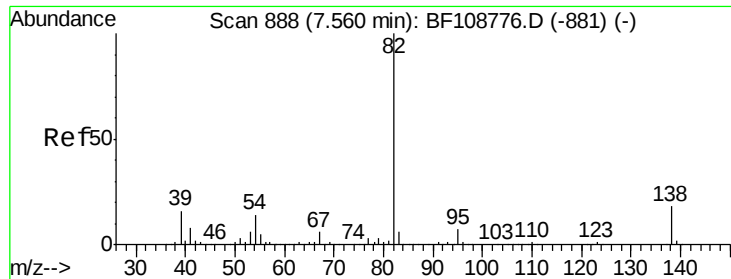
Tgt Ion:	136	Resp:	620773
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.6	9.8
68	7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.366 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Tgt Ion:	82	Resp:	807109
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	47.3	41.4	62.2

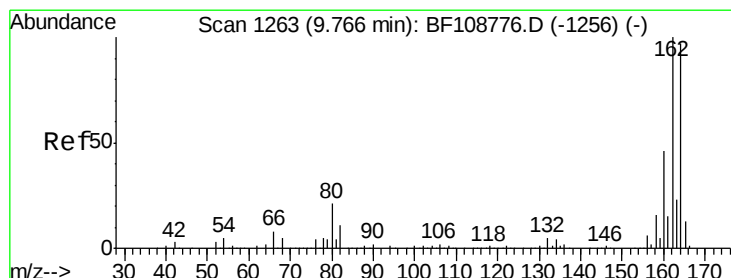
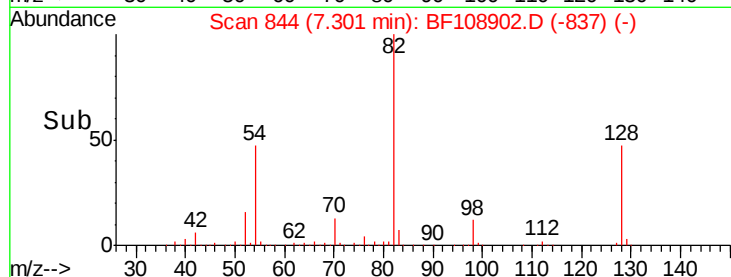
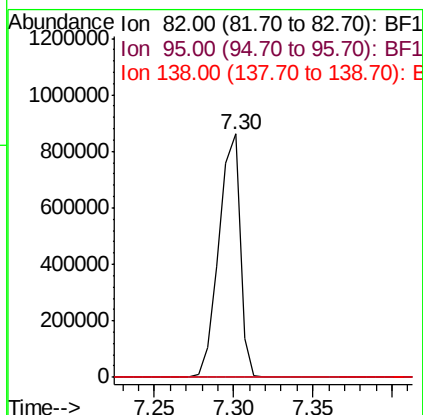
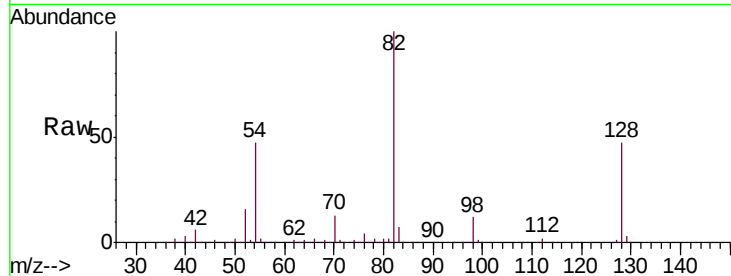




#25
Isophorone
Concen: 40.696 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.26 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

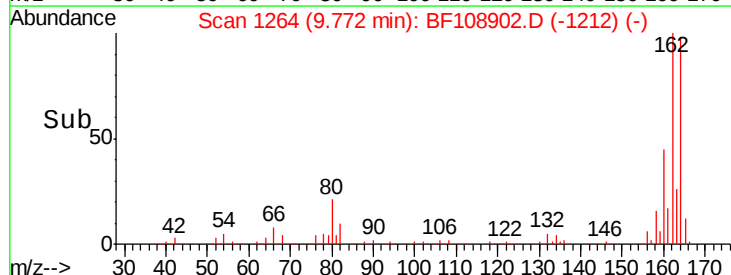
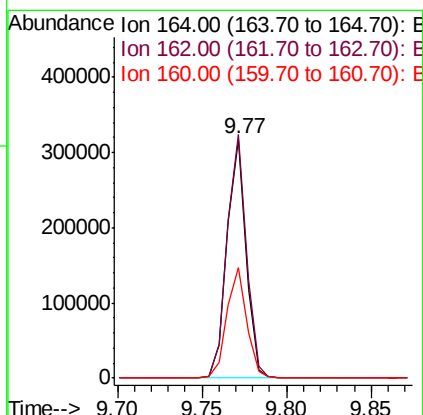
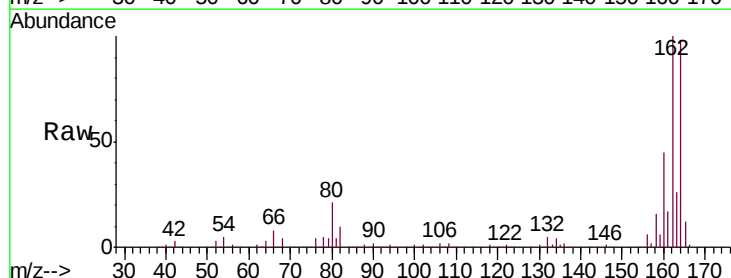
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-A

Tgt Ion: 82 Resp: 805221
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Tgt Ion: 164 Resp: 250184
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.4 38.3 57.5

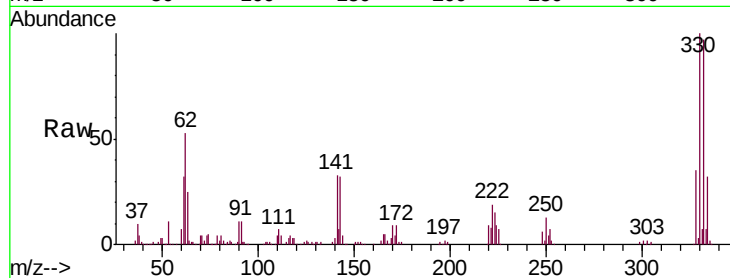




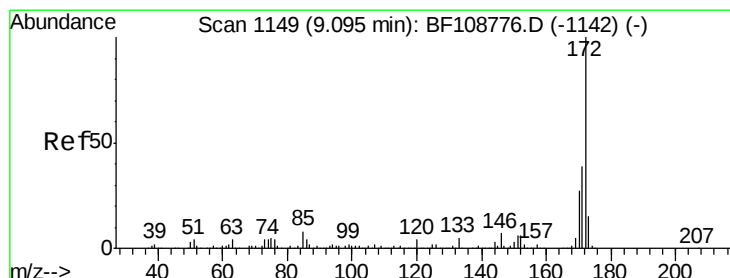
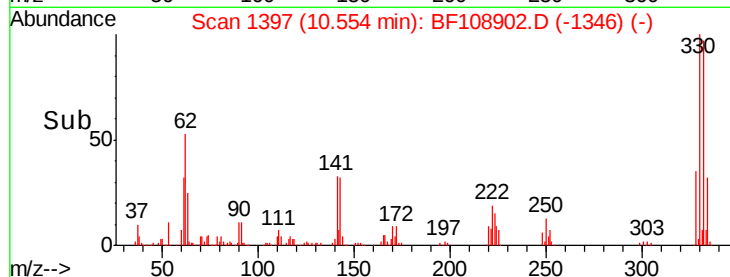
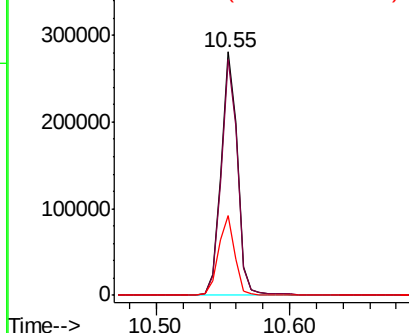
#41
 2,4,6-Tribromophenol
 Concen: 102.682 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.5	29.9	44.9

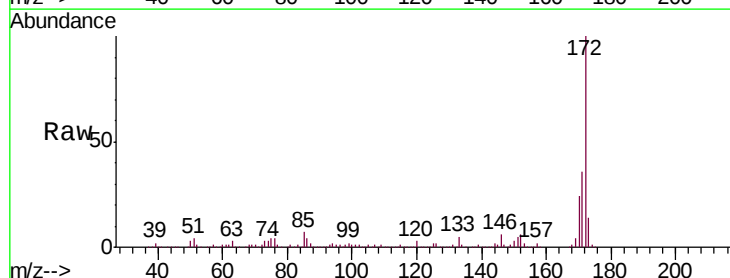


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

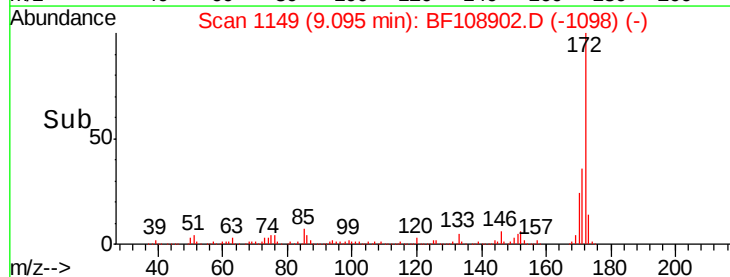
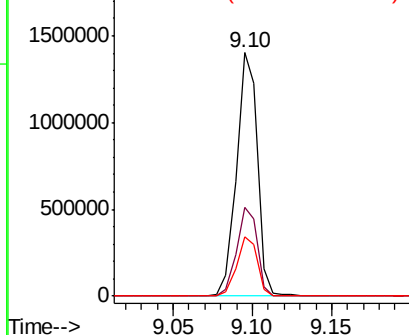


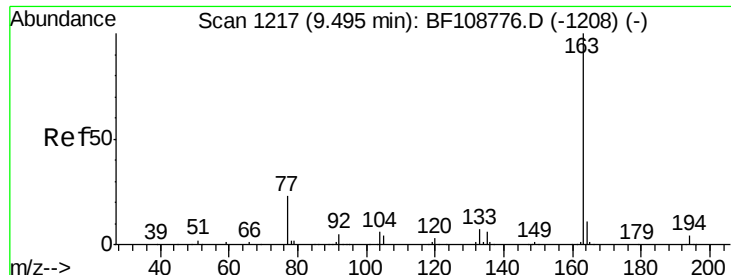
#44
 2-Fluorobiphenyl
 Concen: 87.051 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



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

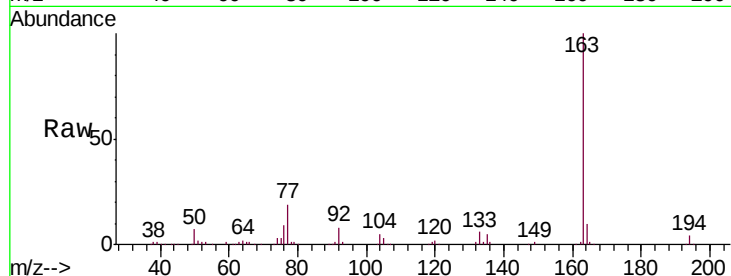




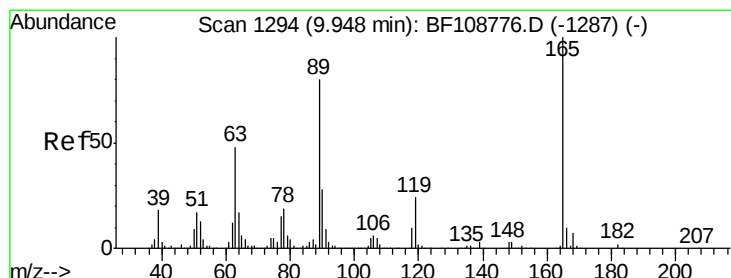
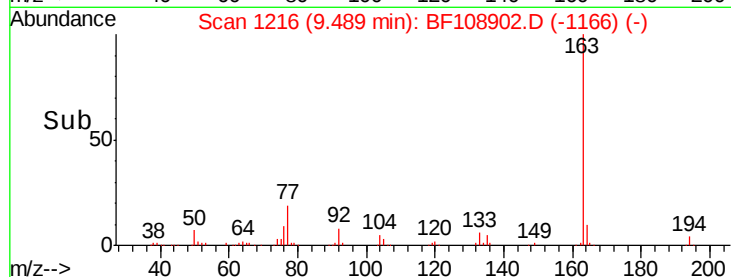
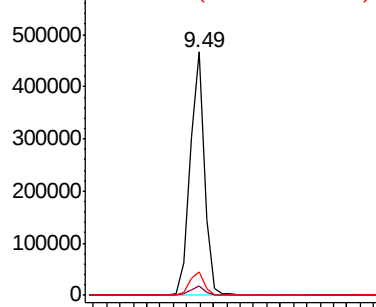
#49
Dimethylphthalate
Concen: 20.307 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-A

Tgt Ion:163 Resp: 355349
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

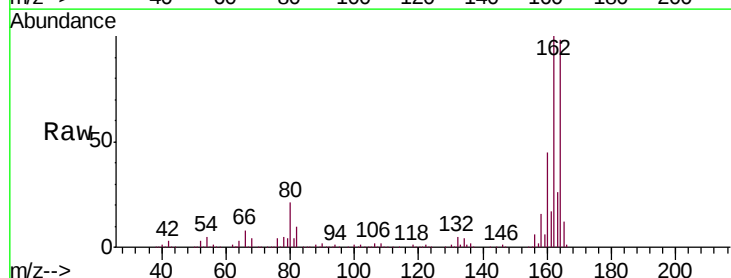


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

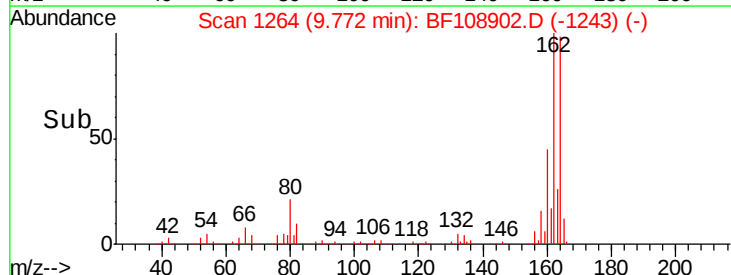
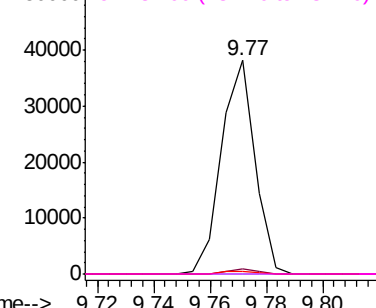


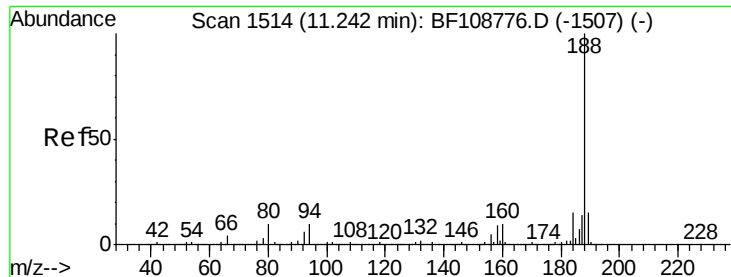
#56
2,4-Dinitrotoluene
Concen: 7.371 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Tgt Ion:165 Resp: 31429
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



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

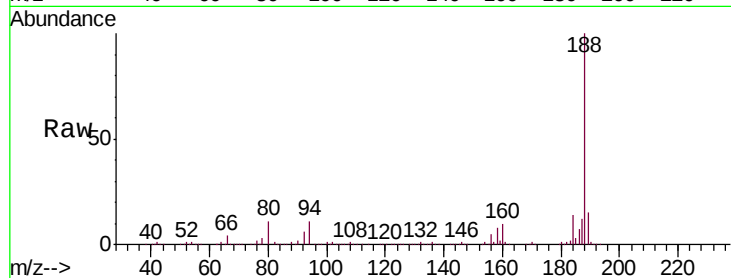




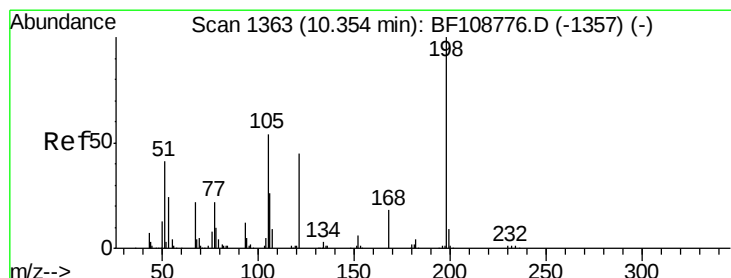
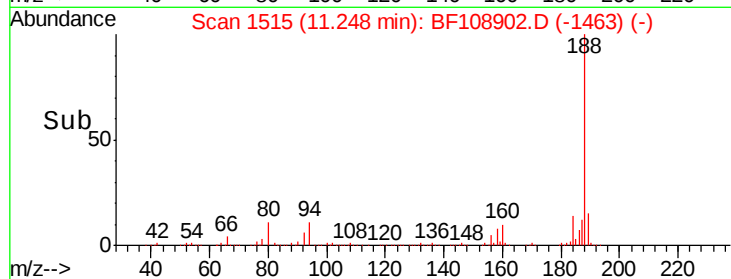
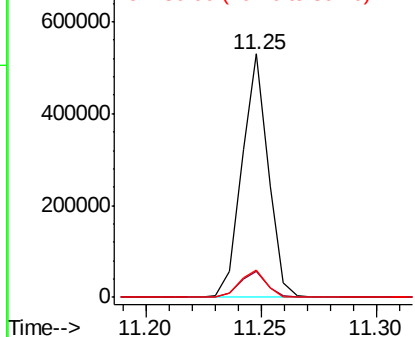
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-025-A

Tgt Ion:188 Resp: 420127
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.1 9.2 13.8

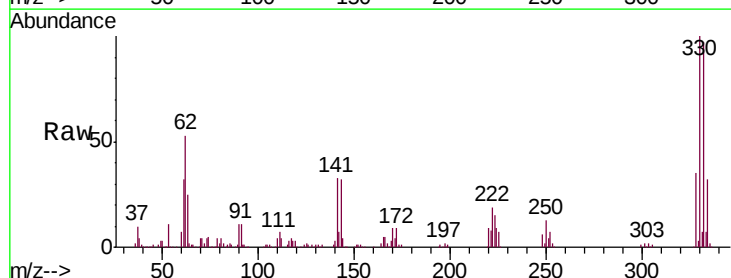


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

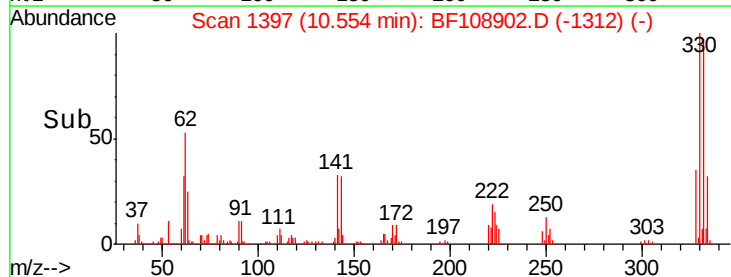
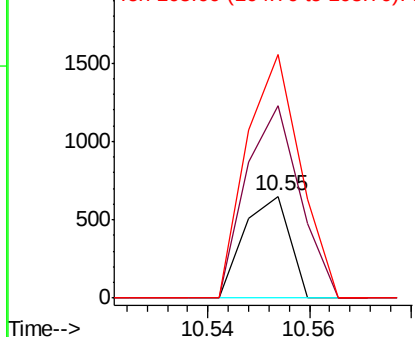


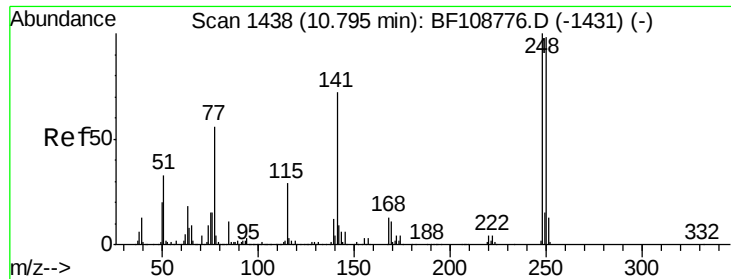
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.081 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108902.D
 Acq: 10 Sep 2018 19:24

Tgt Ion:198 Resp: 409
 Ion Ratio Lower Upper
 198 100
 51 189.7 37.7 77.7#
 105 239.7 36.3 76.3#



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

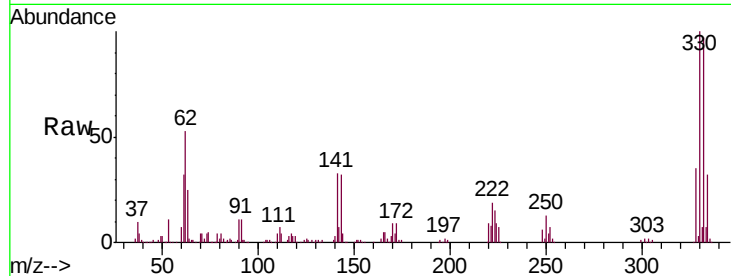




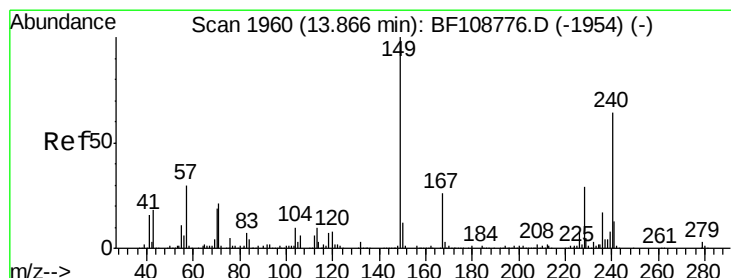
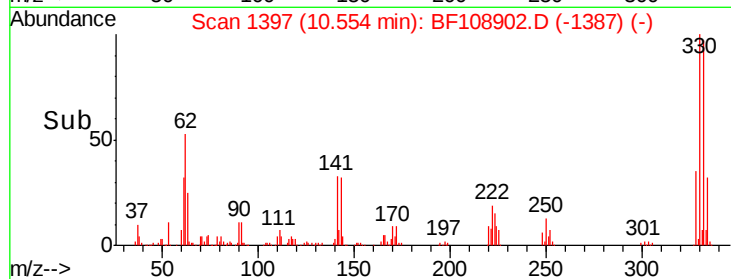
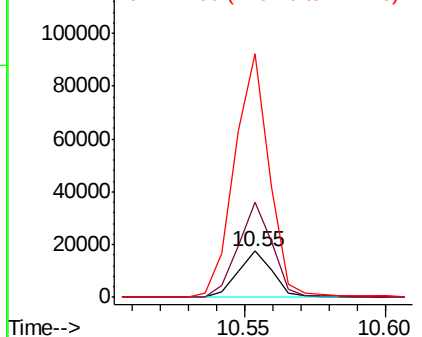
#66
4-Bromophenyl-phenylether
Concen: 3.119 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-A

Tgt Ion:248 Resp: 14802
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 525.7 74.4 111.6#

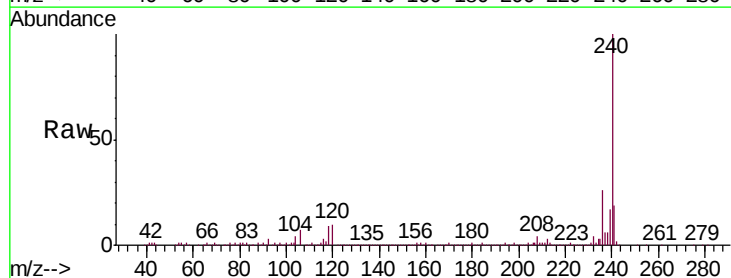


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

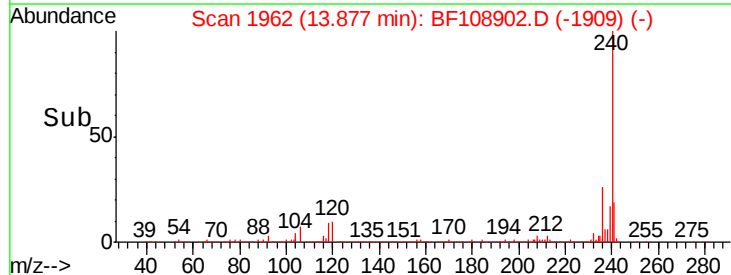
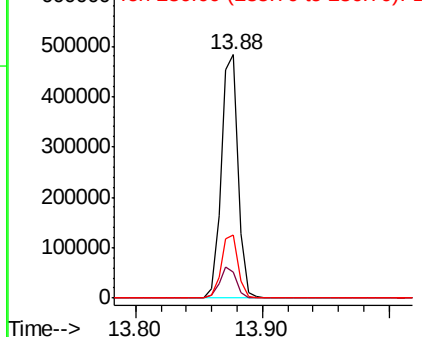


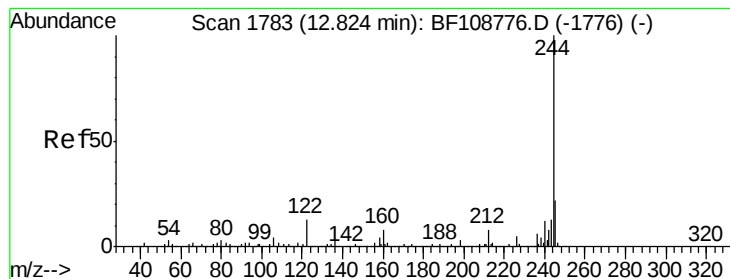
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108902.D
Acq: 10 Sep 2018 19:24

Tgt Ion:240 Resp: 446841
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 26.0 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

Terphenyl-d14

Concen: 59.280 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108902.D

Acq: 10 Sep 2018 19:24

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-025-A

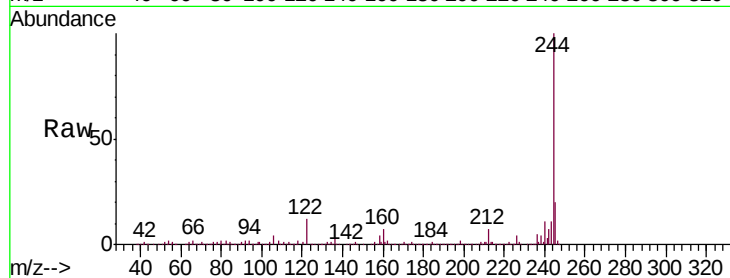
Tgt Ion:244 Resp: 1135921

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

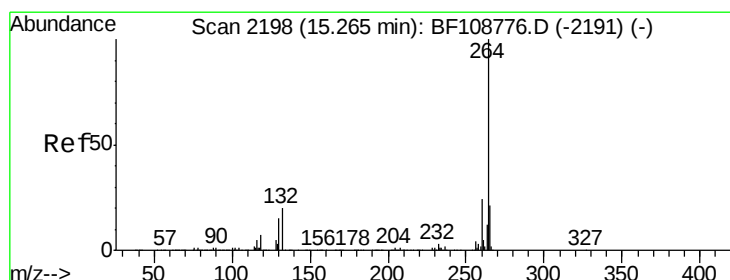
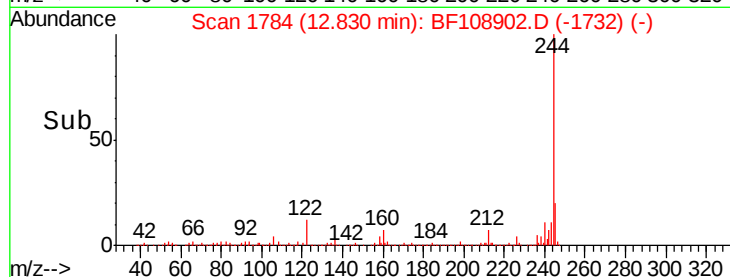
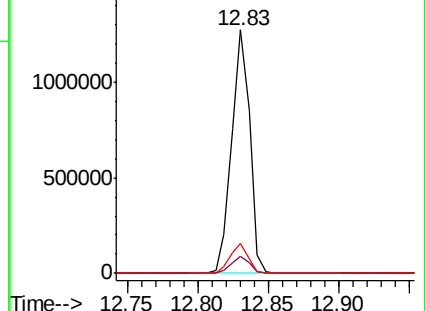
122 12.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108902.D

Acq: 10 Sep 2018 19:24

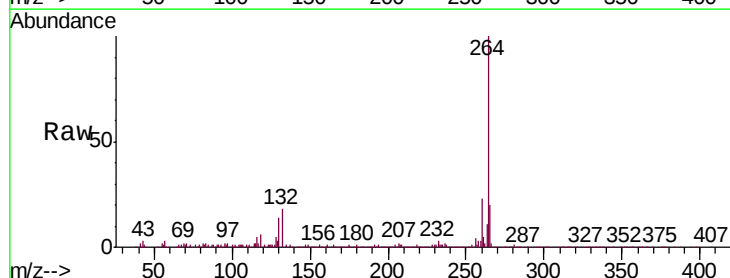
Tgt Ion:264 Resp: 321927

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.4 17.5 26.3



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

