

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104048.D
 Acq On : 29 Mar 2018 14:03
 Operator : JU/SJ
 Sample : J1754-17 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 16:27:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

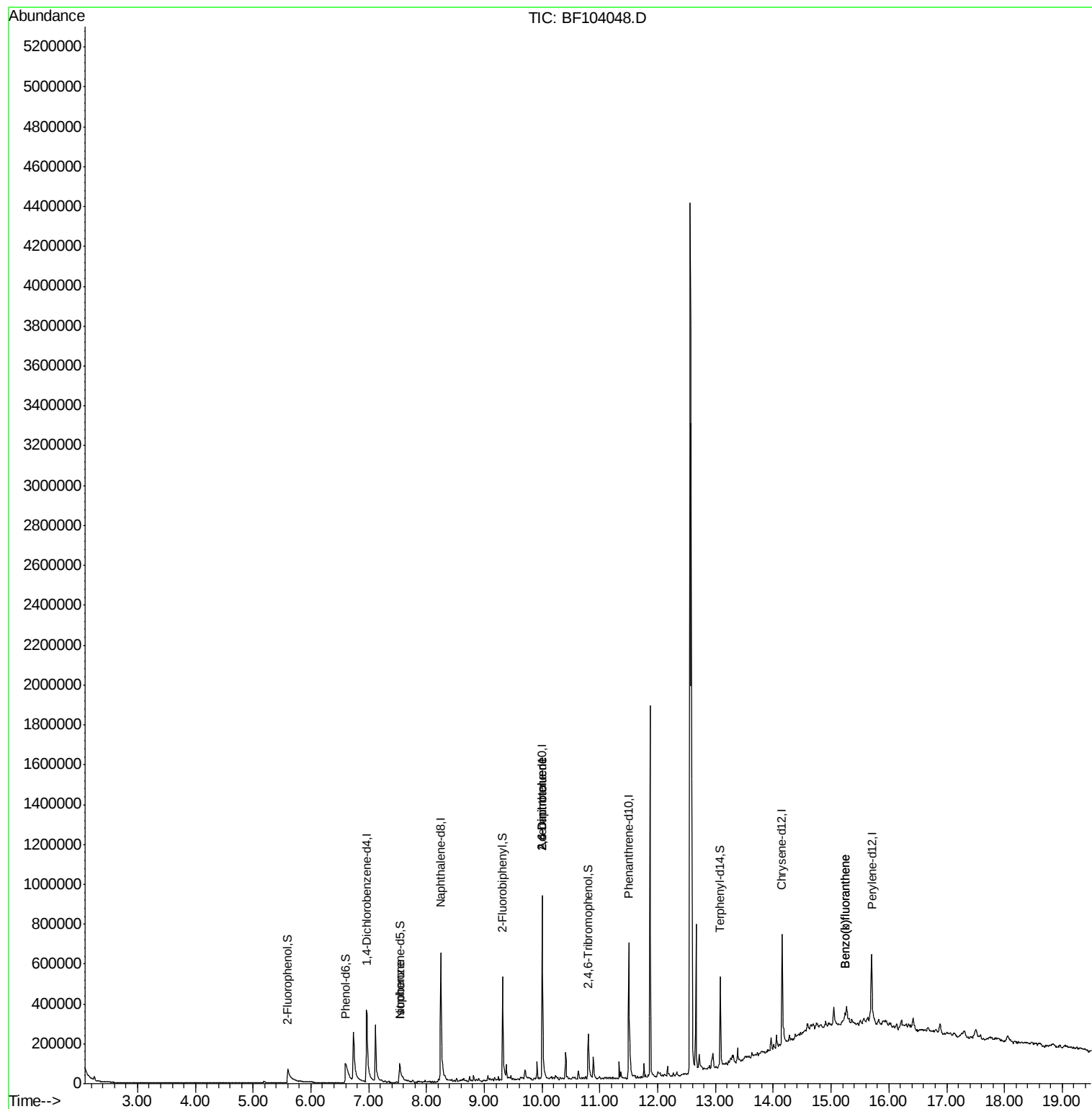
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	116129	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	490005	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	218059	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	350064	20.00	ng	0.00
75) Chrysene-d12	14.16	240	242748	20.00	ng	0.00
86) Perylene-d12	15.70	264	230942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	111266	15.28	ng	0.00
7) Phenol-d6	6.60	99	184869	20.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	108424	13.53	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	46298	19.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	243143	17.58	ng	0.00
78) Terphenyl-d14	13.08	244	180988	17.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	2844	Below Cal	Qvalue	# 70
25) Isophorone	7.53	82	108424	7.343 ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	28307	7.642 ng	#	25
56) 2,4-Dinitrotoluene	10.00	165	28865	6.107 ng	#	23
87) Benzo(b)fluoranthene	15.24	252	33284	2.368 ng	#	54
88) Benzo(k)fluoranthene	15.24	252	33284	2.514 ng	#	57

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

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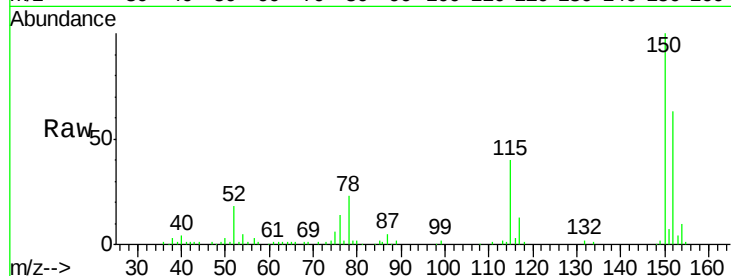


#1

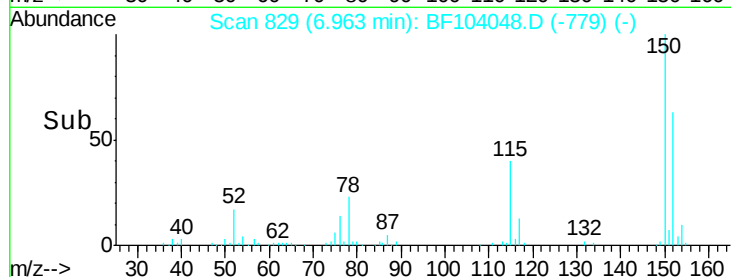
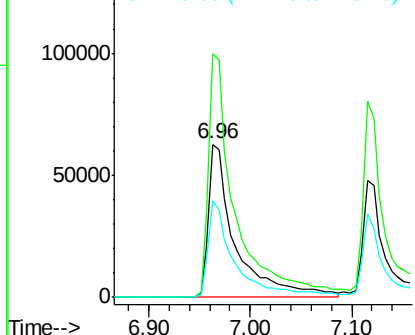
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116129
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.9 50.1 75.1



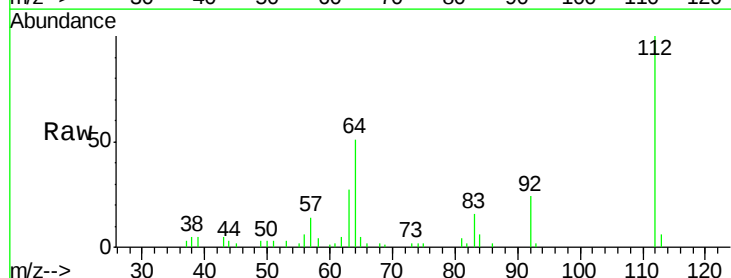
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



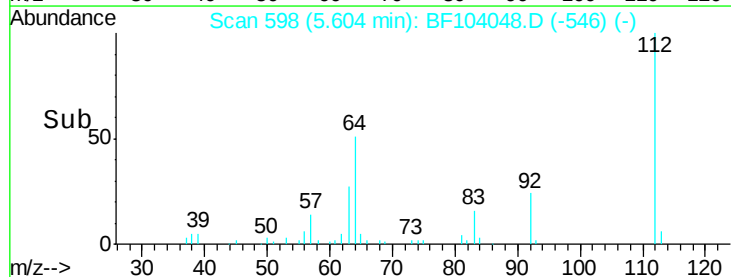
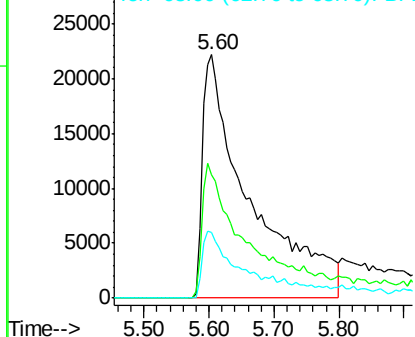
#5

2-Fluorophenol
Concen: 15.280 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Tgt Ion:112 Resp: 111266
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 27.0 23.7 35.5



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: 20.635 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104048.D

Acq: 29 Mar 2018 14:03

Instrument :

BNA_F

ClientSampleId :

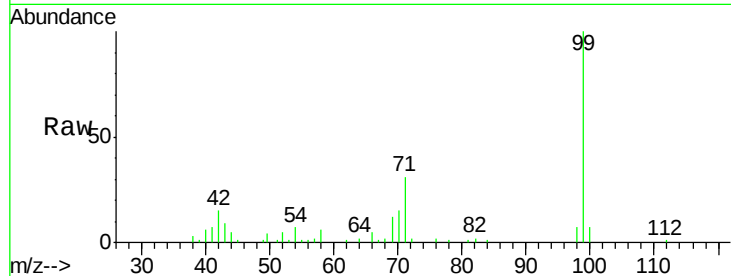
Tot Ion: 99 Resp: 184869

Ion Ratio Lower Upper

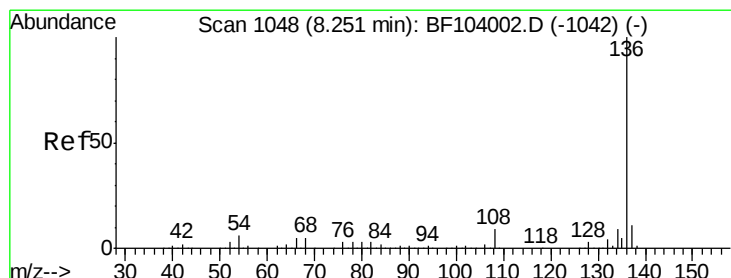
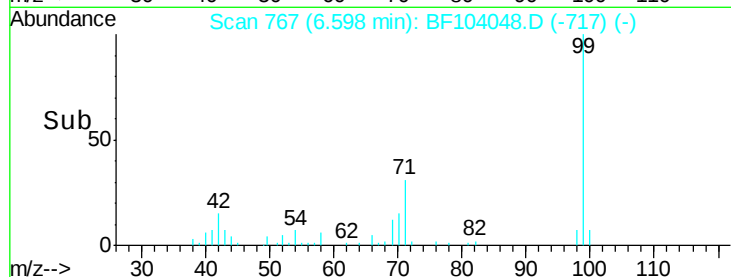
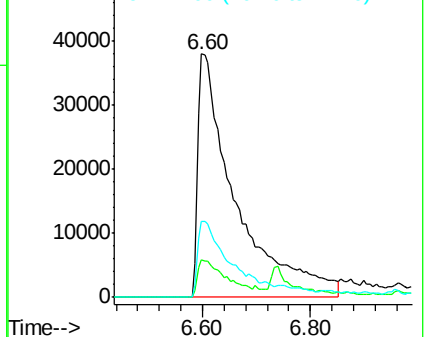
99 100

42 15.5 14.5 21.7

71 31.0 25.4 38.0



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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104048.D

Acq: 29 Mar 2018 14:03

Tgt Ion: 136 Resp: 490005

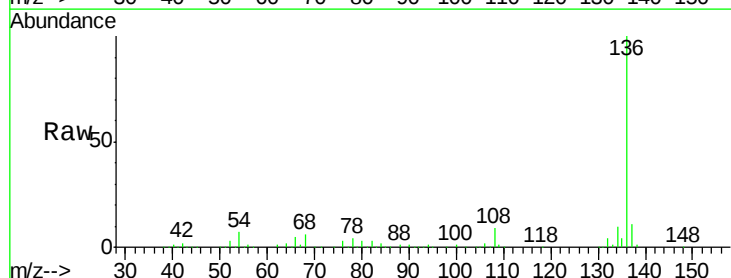
Ion Ratio Lower Upper

136 100

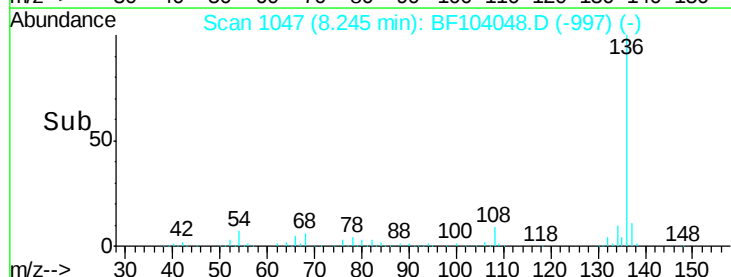
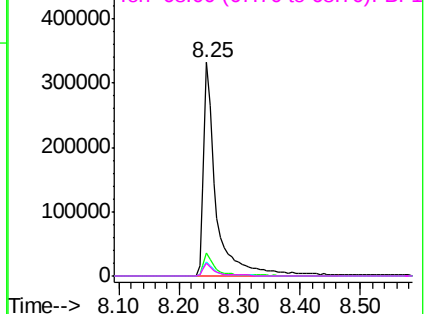
137 11.1 8.9 13.3

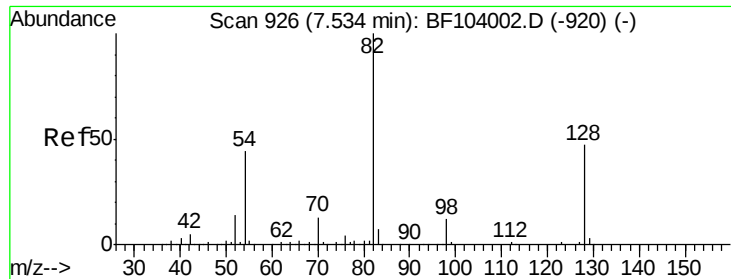
54 6.9 6.6 9.8

68 6.0 5.0 7.4



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

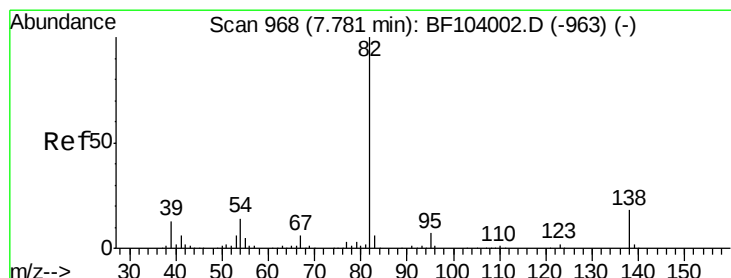
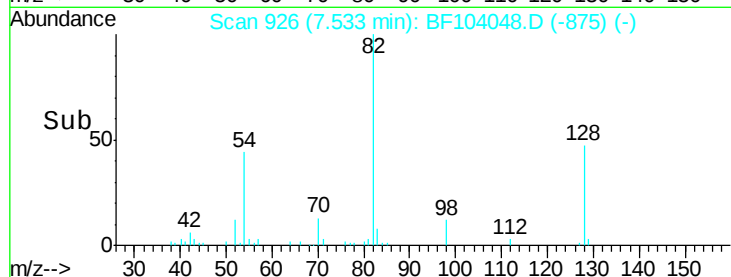
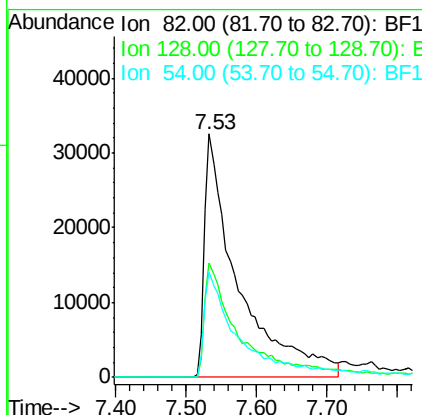
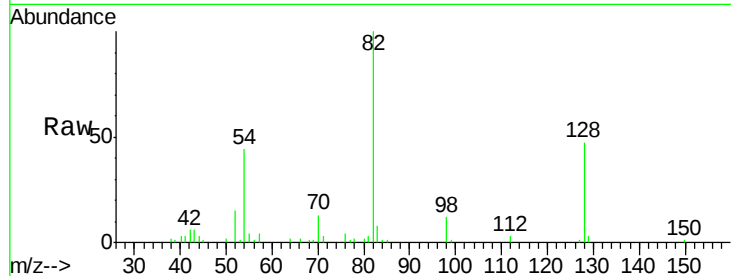




#23
Nitrobenzene-d5
Concen: 13.532 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

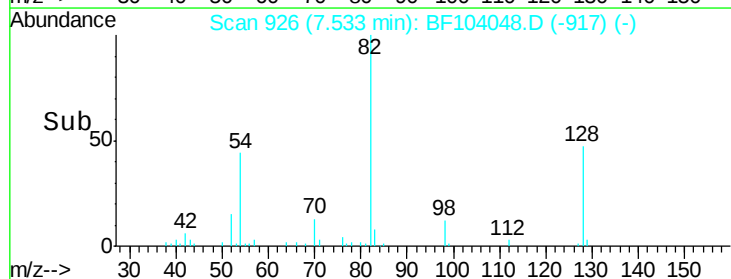
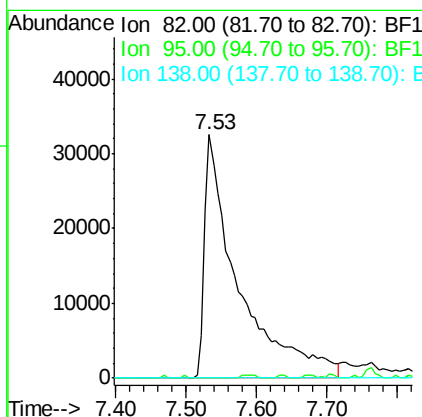
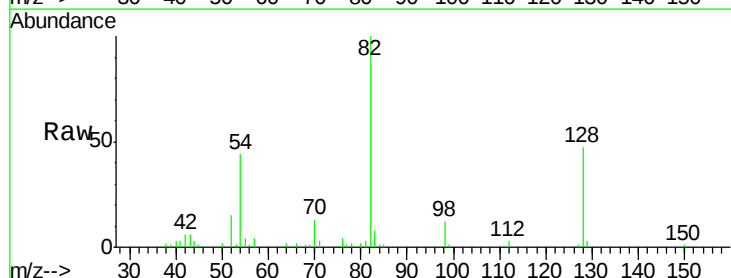
Instrument :
BNA_F
ClientSampleId :

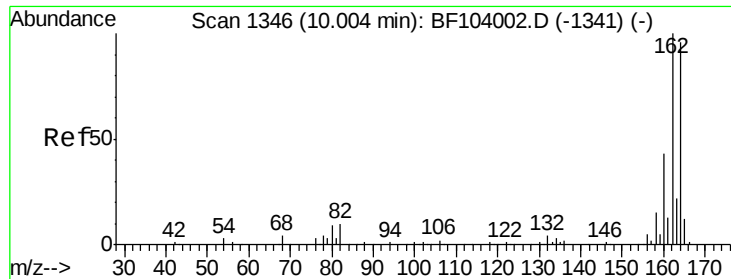
Tot Ion	82	Resp	108424
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	43.5	41.4	62.2



#25
Isophorone
Concen: 7.343 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Tgt Ion	82	Resp	108424
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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104048.D

Acq: 29 Mar 2018 14:03

Instrument :

BNA_F

ClientSampleId :

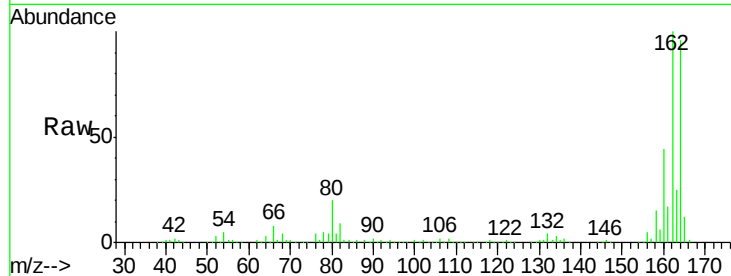
Tot Ion:164 Resp: 218059

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

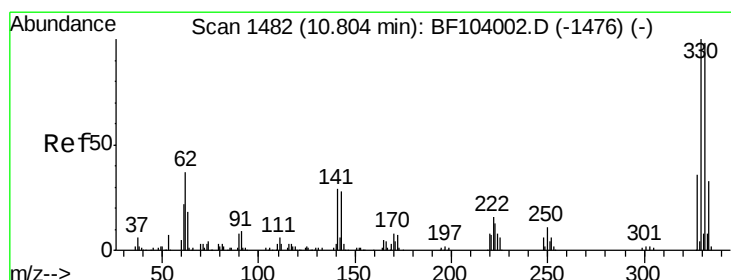
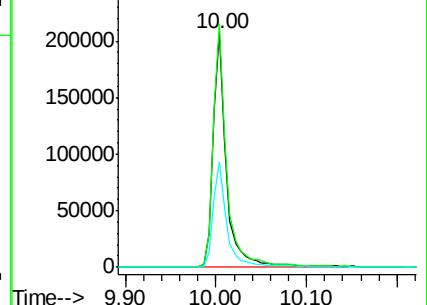
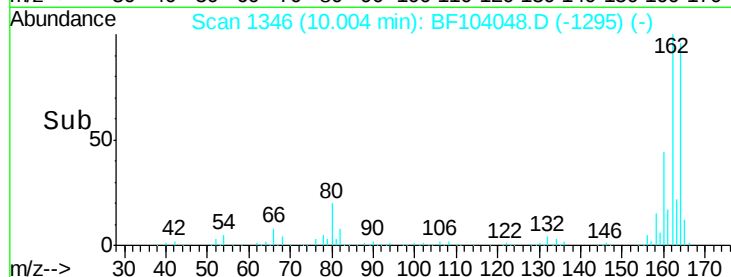
160 45.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 19.068 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104048.D

Acq: 29 Mar 2018 14:03

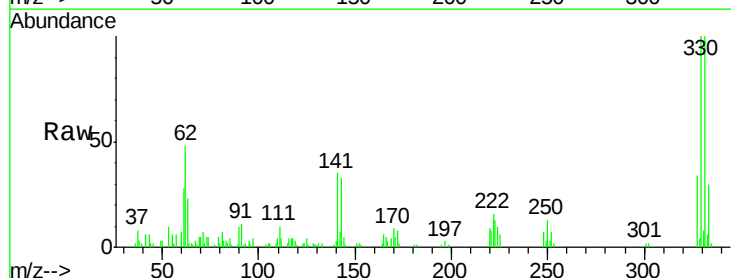
Tgt Ion:330 Resp: 46298

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

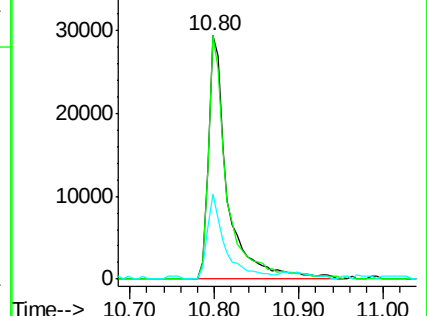
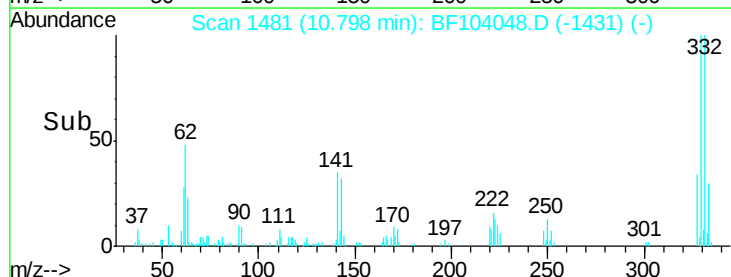
141 32.9 29.9 44.9

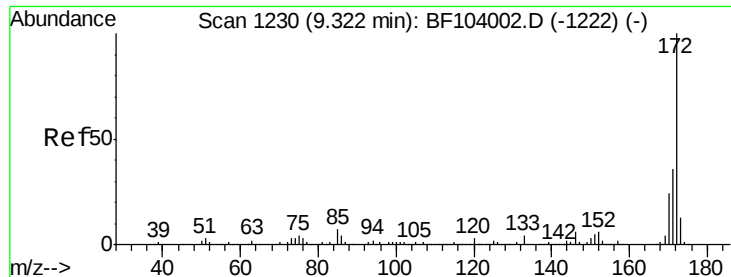


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

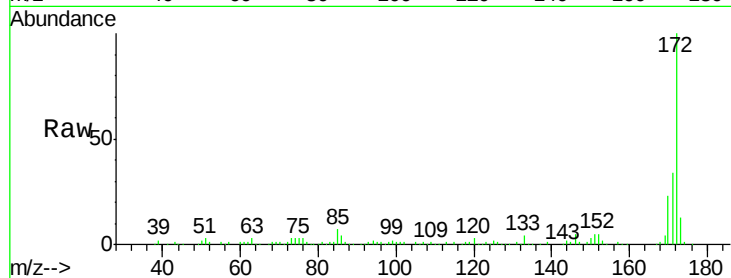




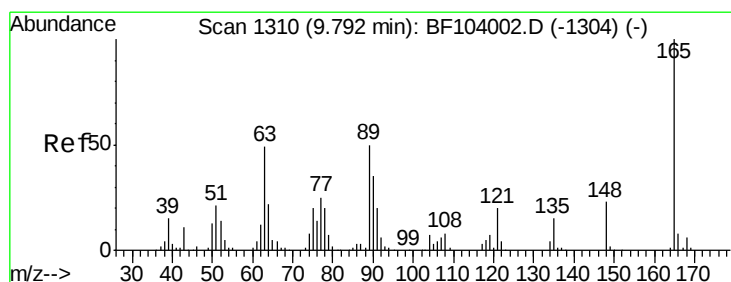
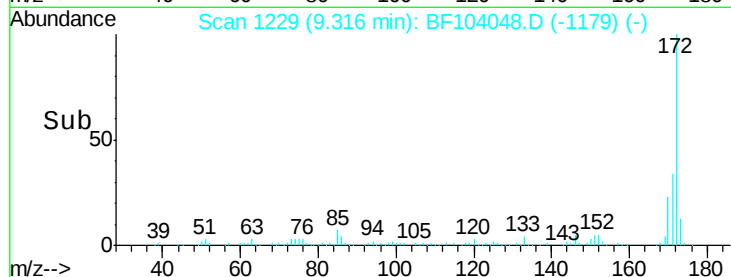
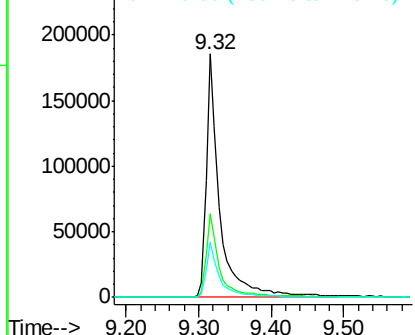
#44
2-Fluorobiphenyl
Concen: 17.583 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 243143
Ion Ratio Lower Upper
172 100
171 34.2 29.7 44.5
170 22.5 19.6 29.4

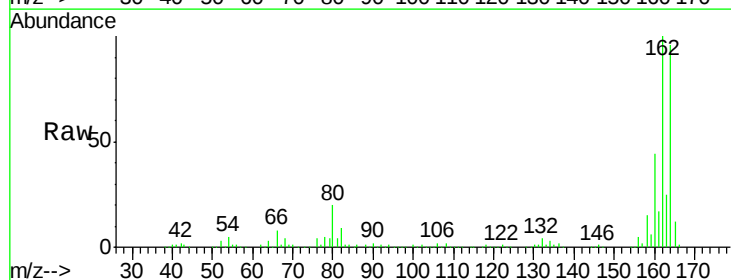


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

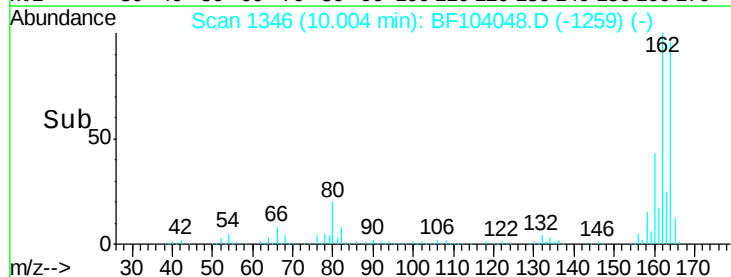
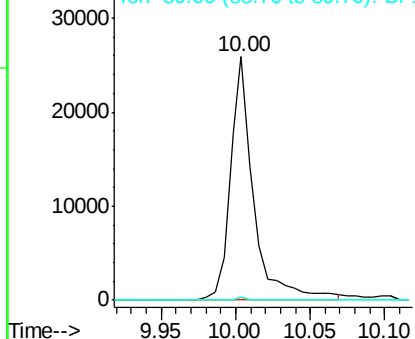


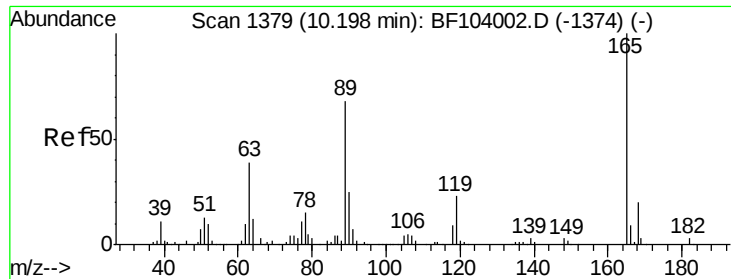
#50
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Tgt Ion:165 Resp: 28307
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.2 44.0 66.0#



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

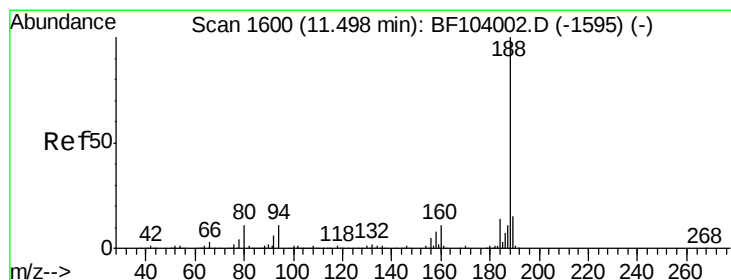
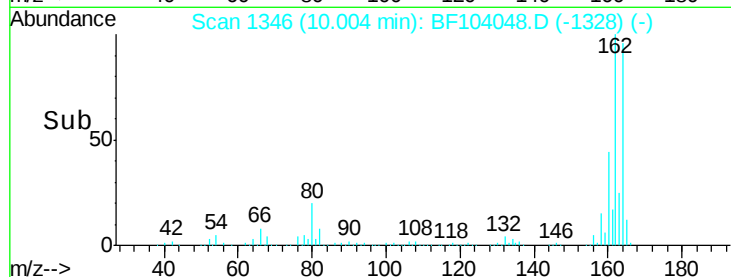
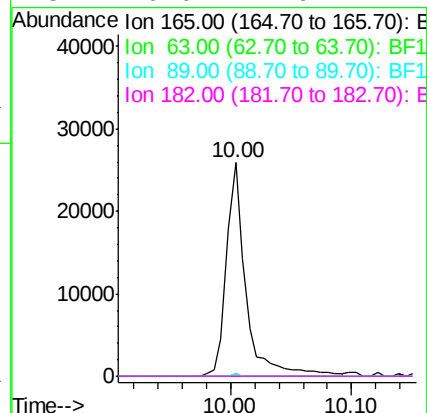
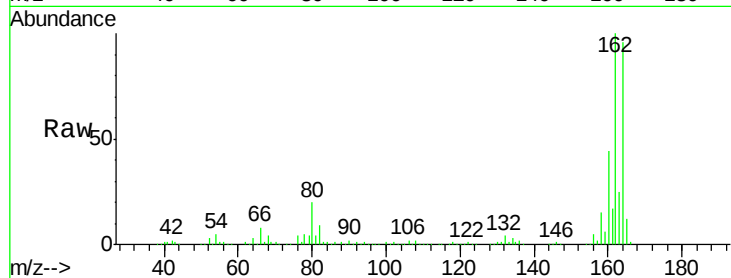




#56
 2,4-Dinitrotoluene
 Concen: 6.107 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104048.D
 Acq: 29 Mar 2018 14:03

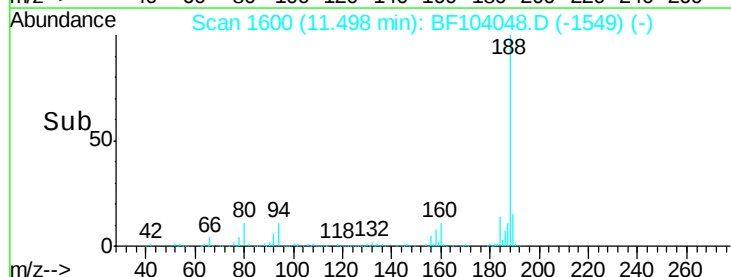
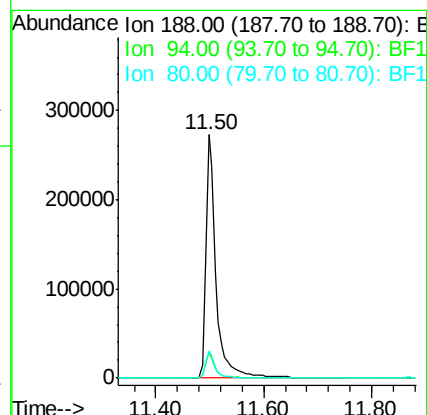
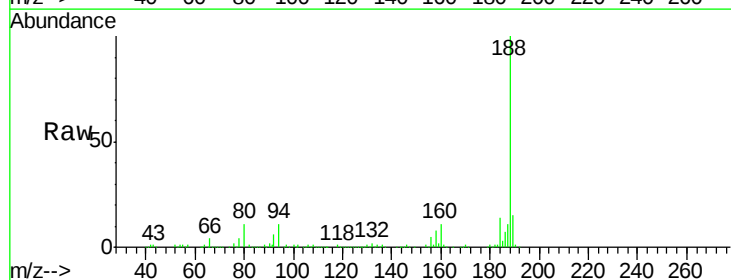
Instrument :
 BNA_F
 ClientSampleId :

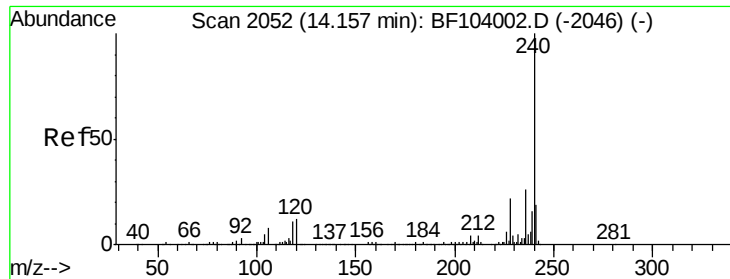
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104048.D
 Acq: 29 Mar 2018 14:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

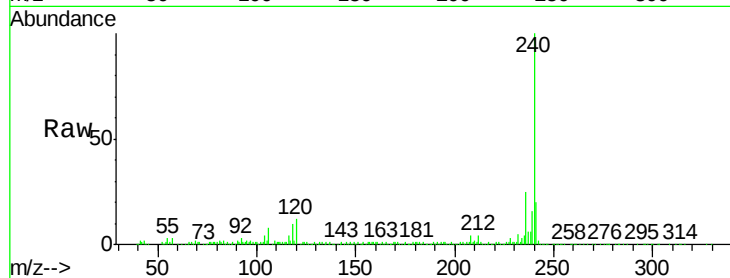




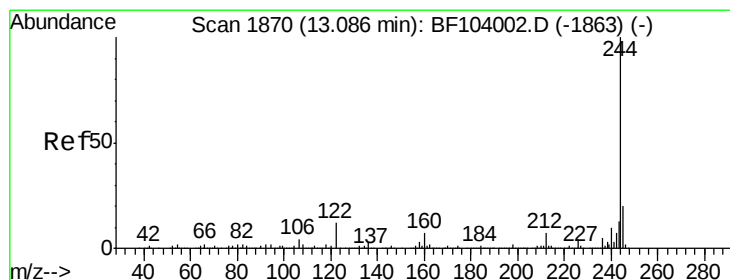
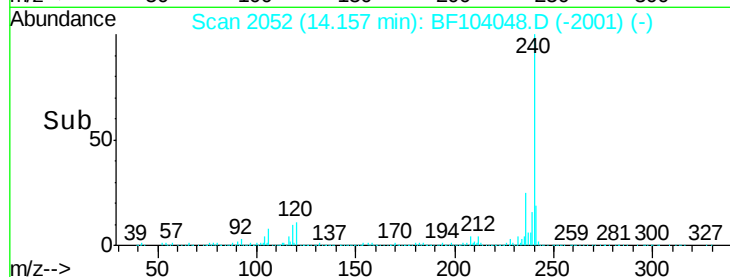
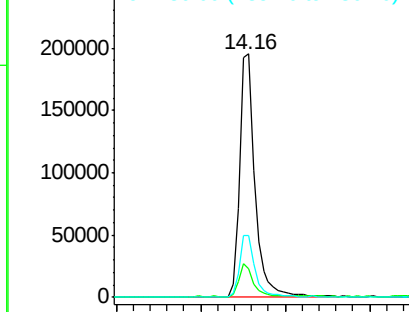
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 242748
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.5 20.7 31.1

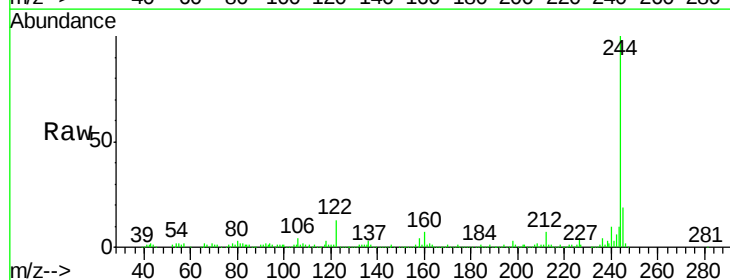


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

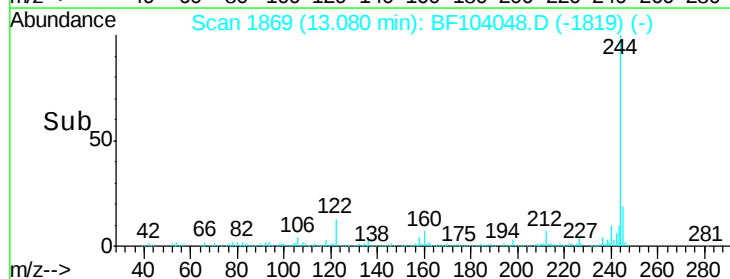
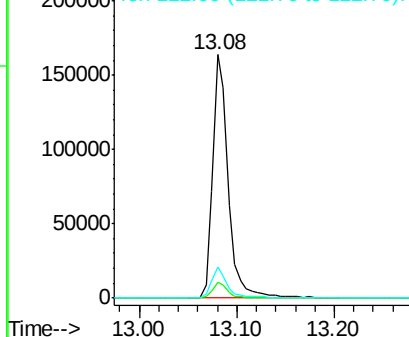


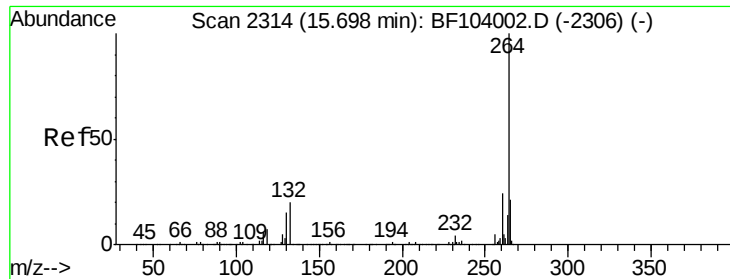
#78
Terphenyl-d14
Concen: 17.215 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Tgt Ion:244 Resp: 180988
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.0 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



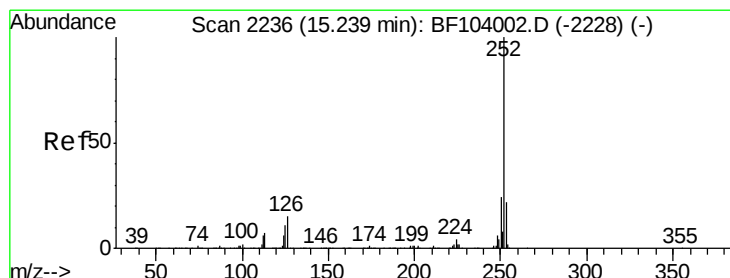
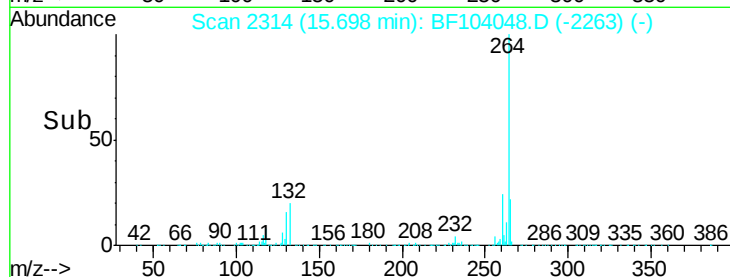
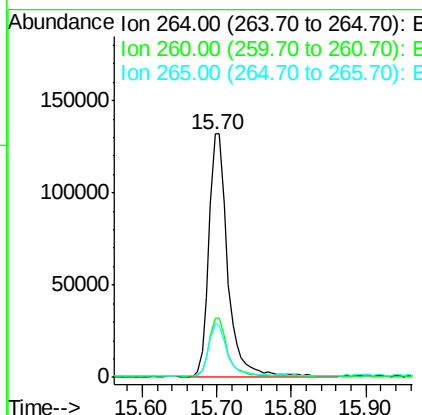
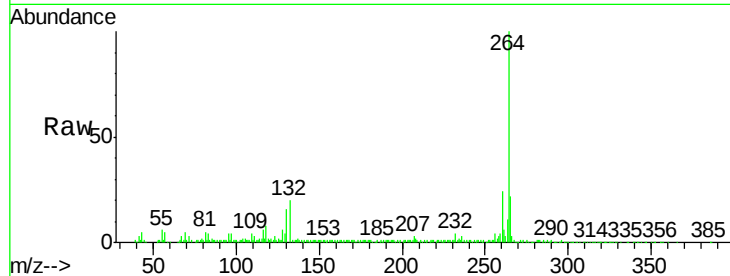


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 230942

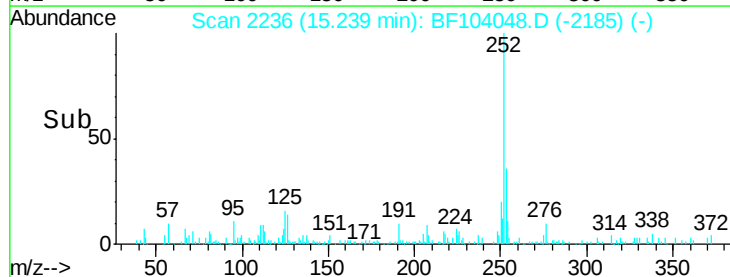
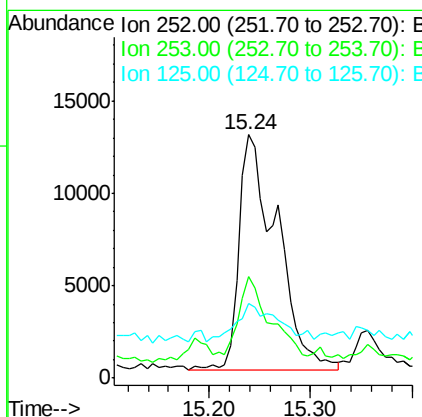
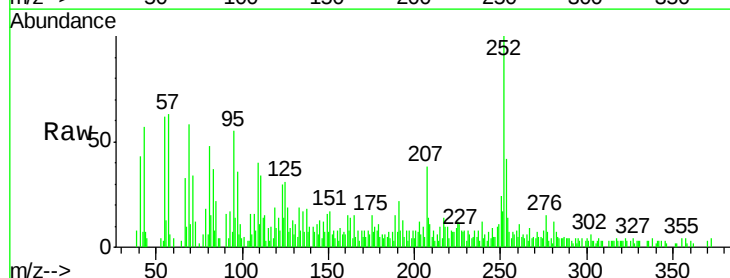
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

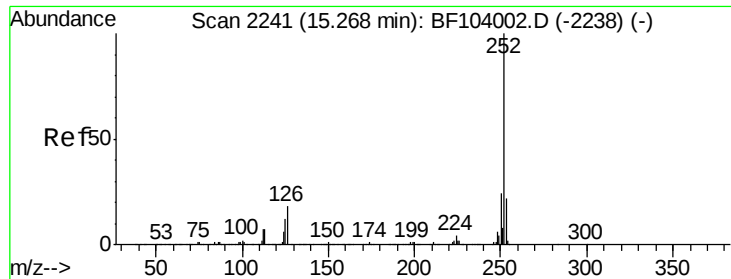


#87
Benzo(b)fluoranthene
Concen: 2.368 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104048.D
Acq: 29 Mar 2018 14:03

Tgt Ion:252 Resp: 33284

Ion	Ratio	Lower	Upper
252	100		
253	42.0	17.0	25.6#
125	30.9	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.514 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.03 min

Lab File: BF104048.D

Acq: 29 Mar 2018 14:03

Instrument :

BNA_F

ClientSampleId :

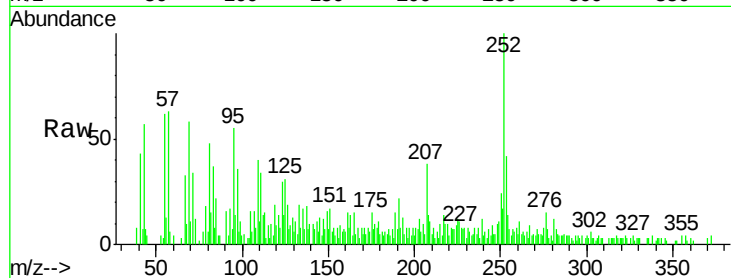
Tot Ion:252 Resp: 33284

Ion Ratio Lower Upper

252 100

253 42.0 17.9 26.9#

125 30.9 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

