

Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

Quant Time: Mar 29 05:36:09 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	6.97	152	117851	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	479785	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191402	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	261596	20.00	ng	0.00
75) Chrysene-d12	14.16	240	221153	20.00	ng	0.00
86) Perylene-d12	15.70	264	168410	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	131658	17.82	ng	0.01
7) Phenol-d6	6.60	99	206603	22.72	ng	0.00
23) Nitrobenzene-d5	7.53	82	111812	14.25	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	33307	15.63	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	197594	16.28	ng	0.00
78) Terphenyl-d14	13.09	244	131997	13.78	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.60	77	606	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	13447	2.49 ng	#	76
25) Isophorone	7.53	82	111812	7.73 ng	#	64
53) 2,4-Dinitrophenol	10.26	184	113	5.65 ng	#	73
74) Fluoranthene	12.72	202	38130	2.53 ng		95
77) Pyrene	12.96	202	33947	2.14 ng		97
84) Di-n-octyl phthalate	14.73	149	274796	16.51 ng	#	91
87) Benzo(b)fluoranthene	15.24	252	24691	2.41 ng	#	62
88) Benzo(k)fluoranthene	15.24	252	24691	2.56 ng	#	65

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

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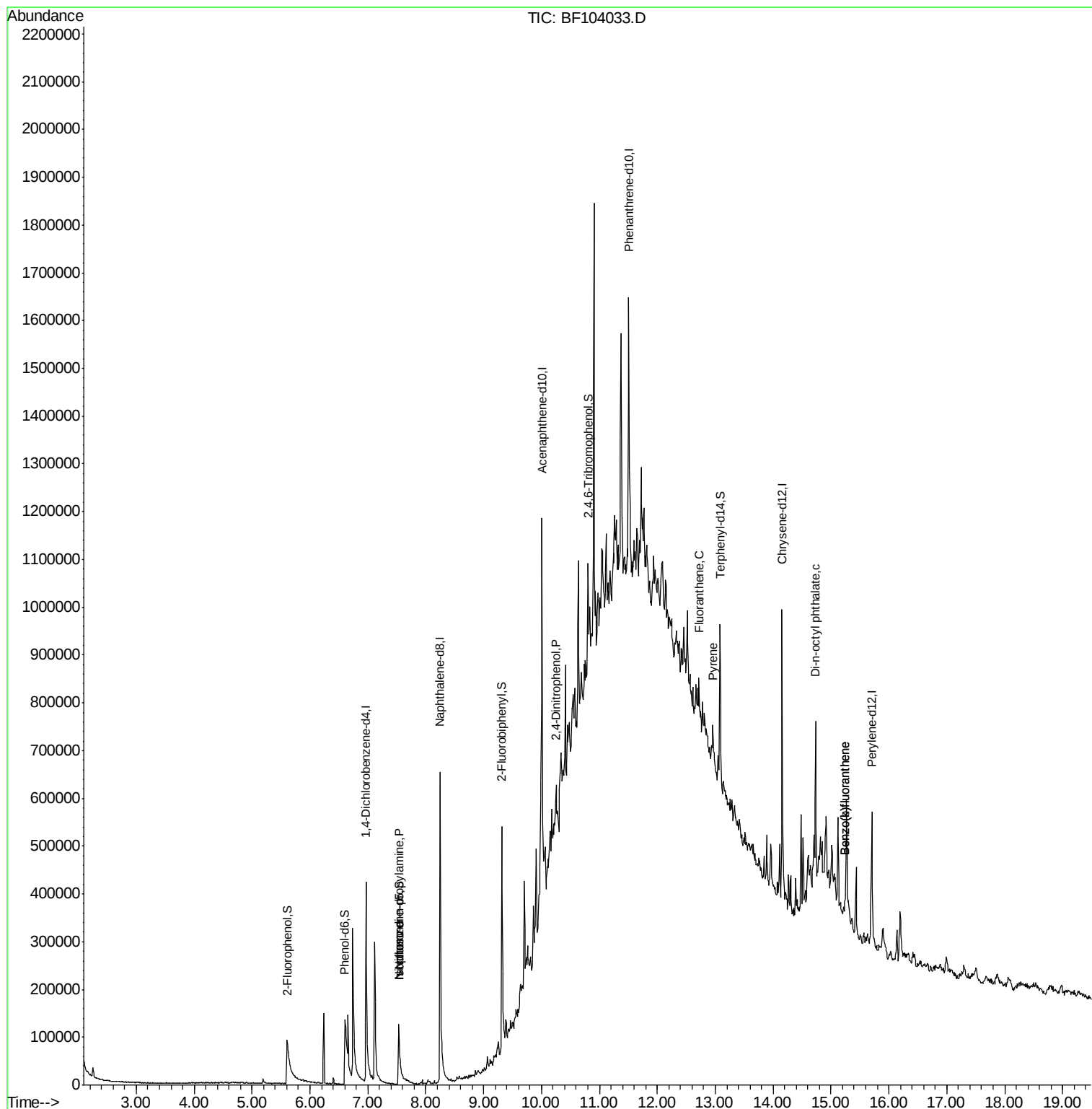
Quant Time: Mar 29 05:36:09 2018

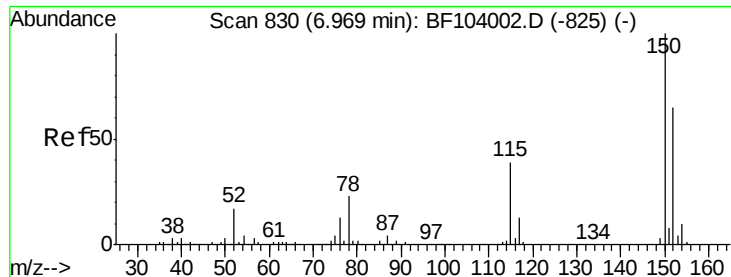
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 28 13:41:47 2018

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampleId :

WO-RO-1499

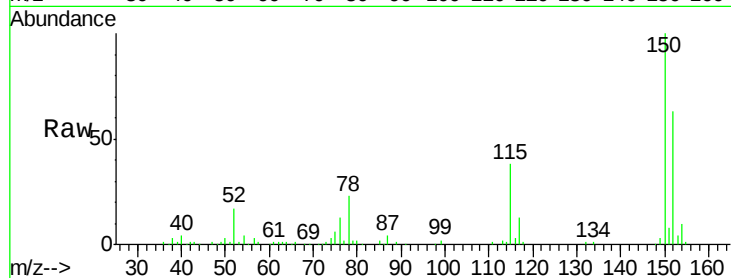
Tgt Ion:152 Resp: 117851

Ion Ratio Lower Upper

152 100

150 159.9 124.6 186.8

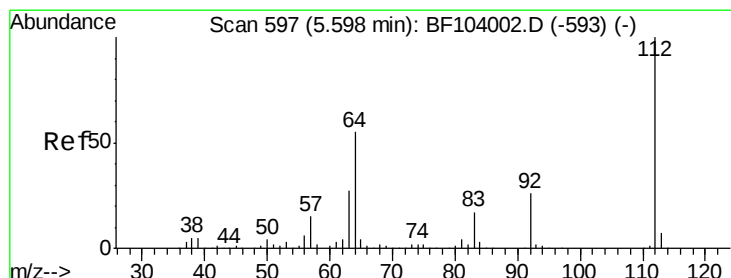
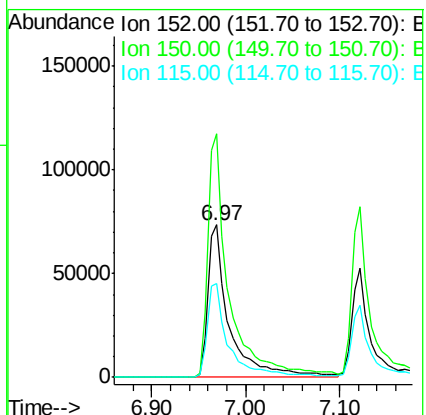
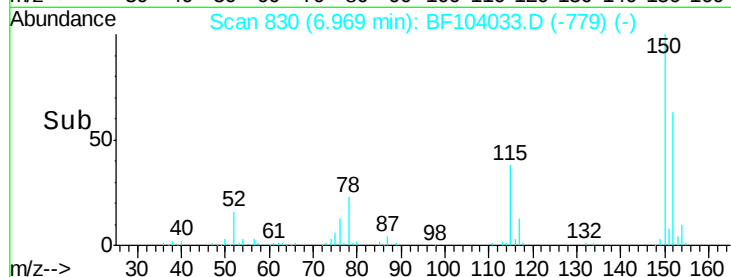
115 61.3 50.1 75.1



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: 17.82 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

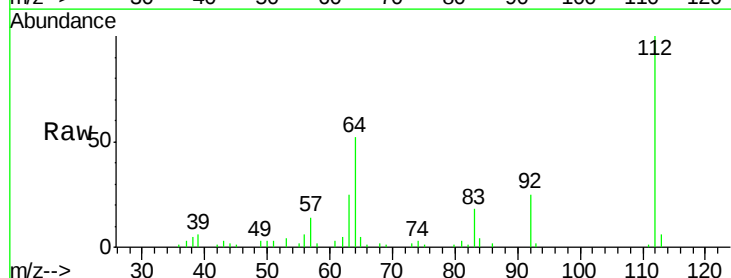
Tgt Ion:112 Resp: 131658

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

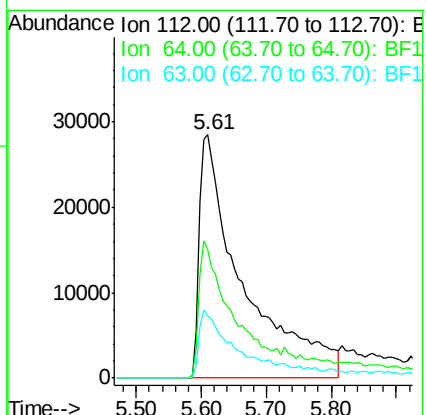
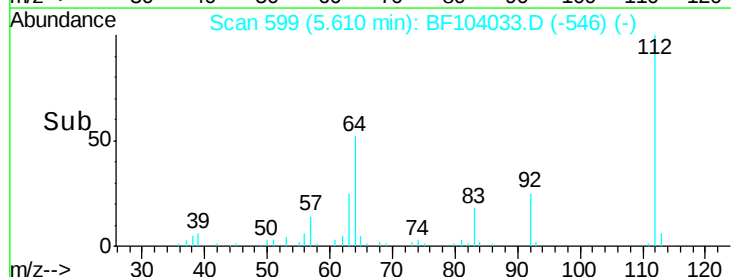
63 25.4 23.7 35.5

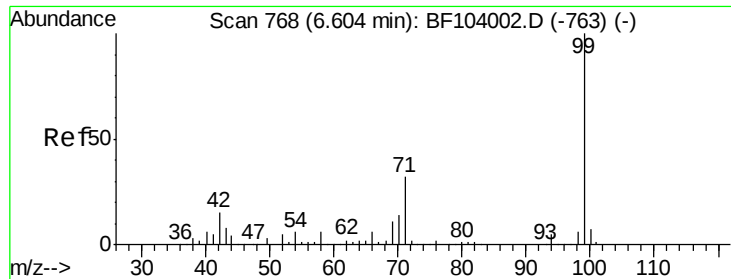


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.72 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampleId :

WO-RO-1499

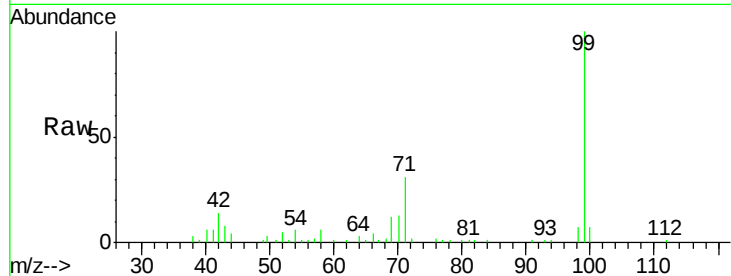
Tgt Ion: 99 Resp: 206603

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

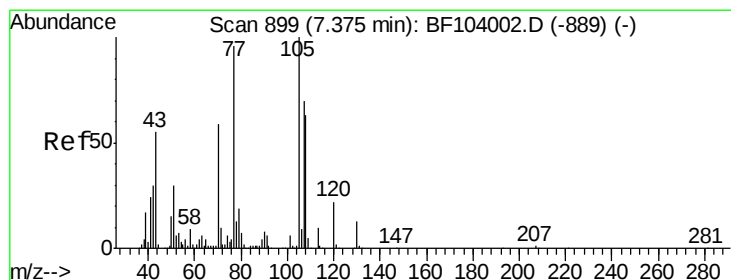
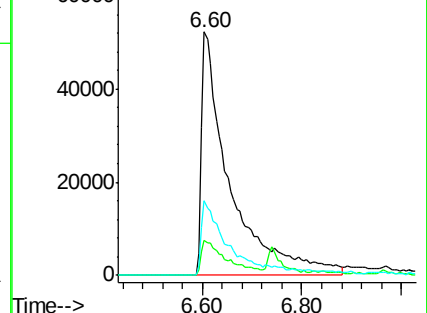
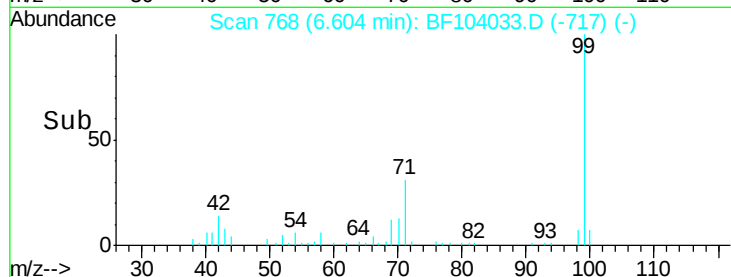
71 30.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.49 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Tgt Ion: 70 Resp: 13447

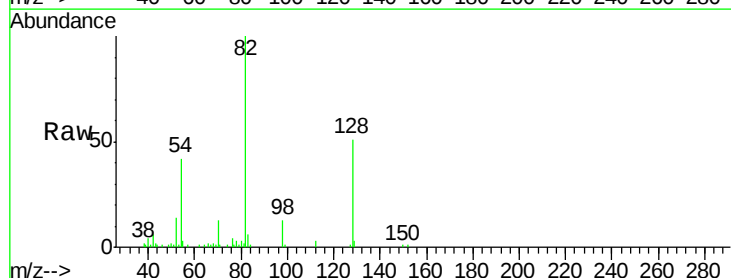
Ion Ratio Lower Upper

70 100

42 46.4 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

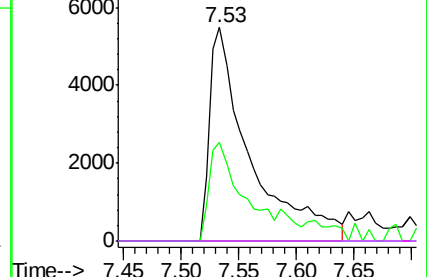
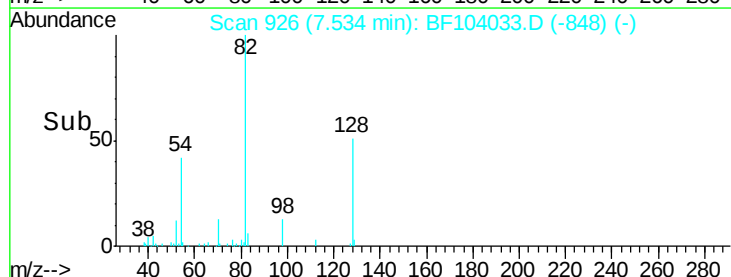


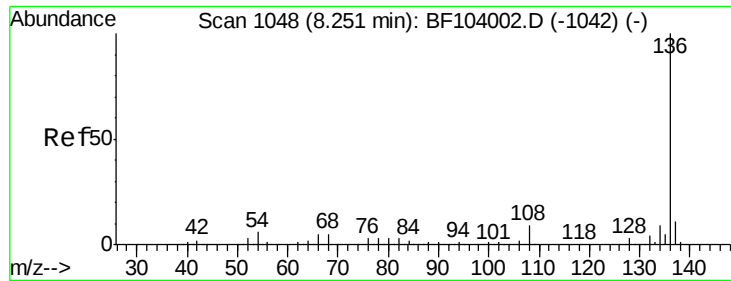
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

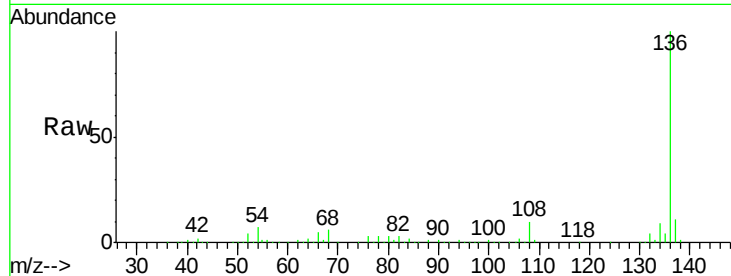




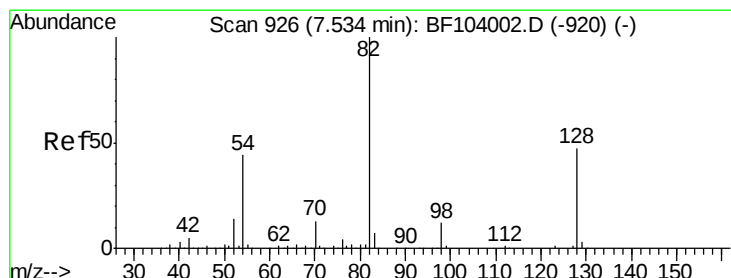
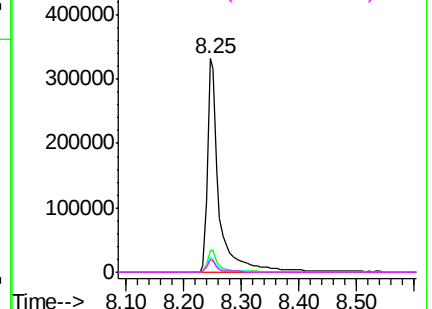
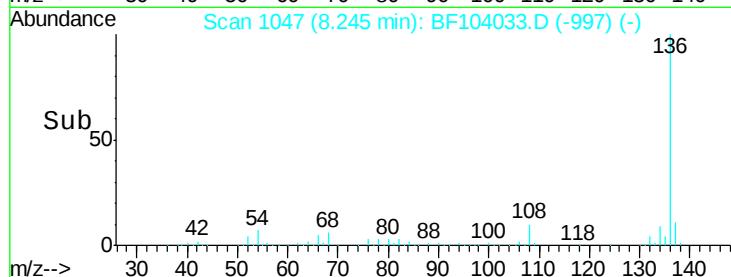
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104033.D
Acq: 29 Mar 2018 1:32

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

Tgt Ion:	136	Resp:	479785
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4

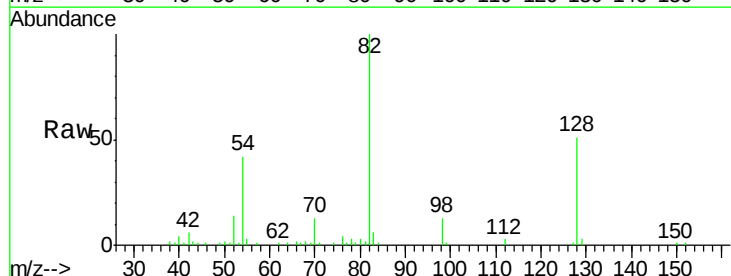


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

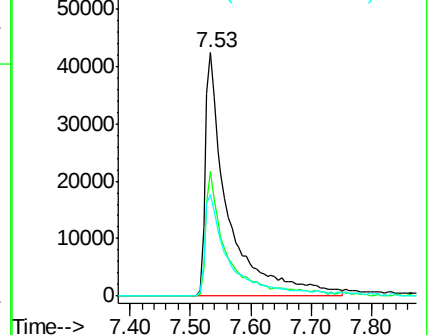
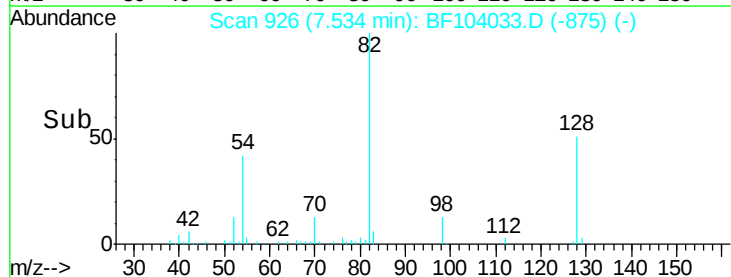


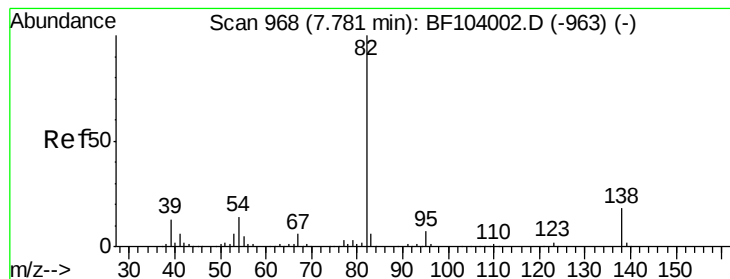
#23
Nitrobenzene-d5
Concen: 14.25 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104033.D
Acq: 29 Mar 2018 1:32

Tgt Ion:	82	Resp:	111812
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	41.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.73 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampled :

WO-RO-1499

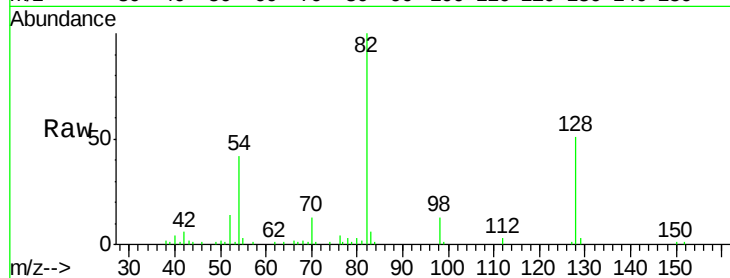
Tgt Ion: 82 Resp: 111812

Ion Ratio Lower Upper

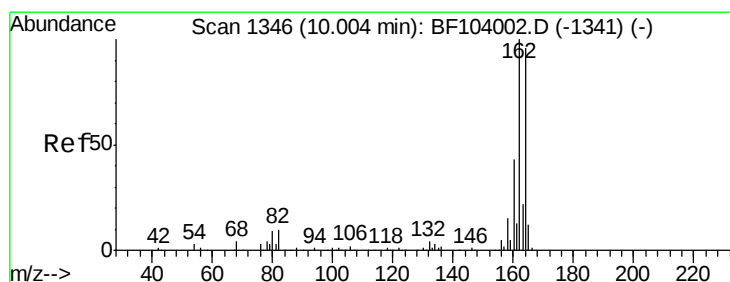
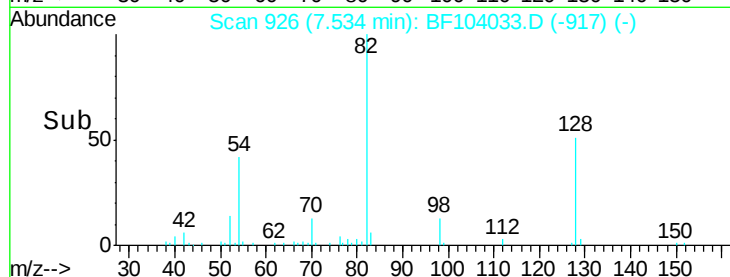
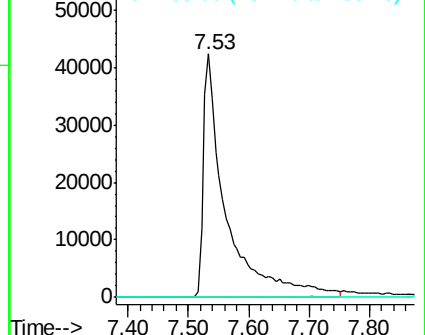
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

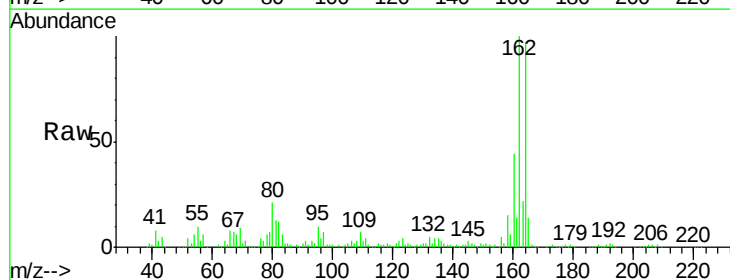
Tgt Ion: 164 Resp: 191402

Ion Ratio Lower Upper

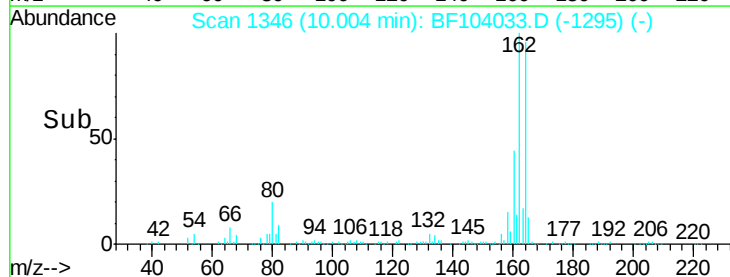
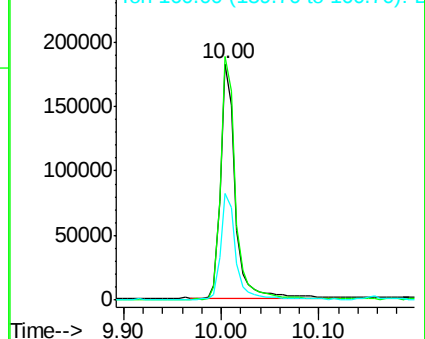
164 100

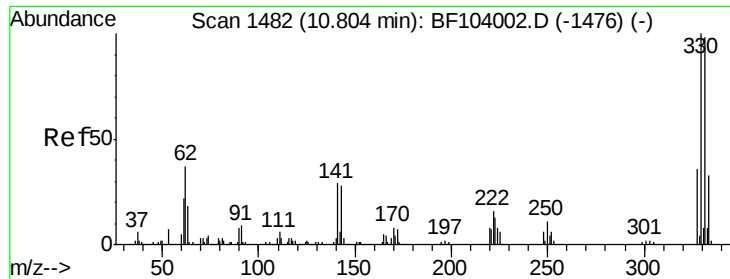
162 103.1 86.1 129.1

160 45.0 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

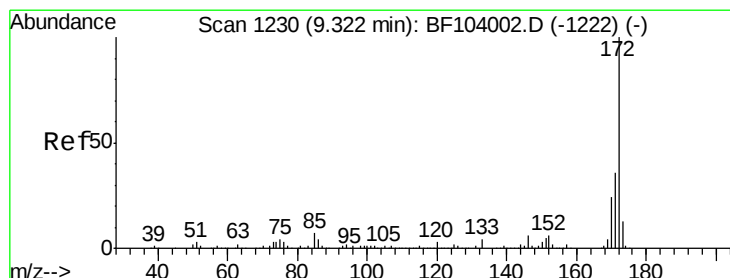
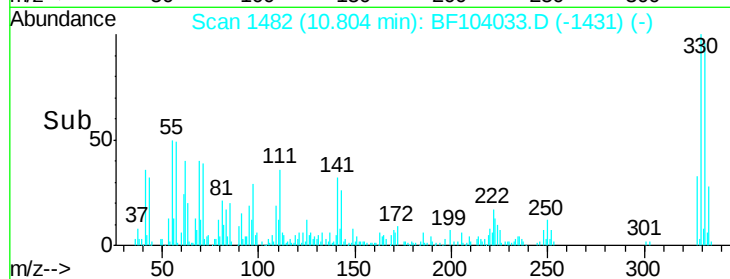
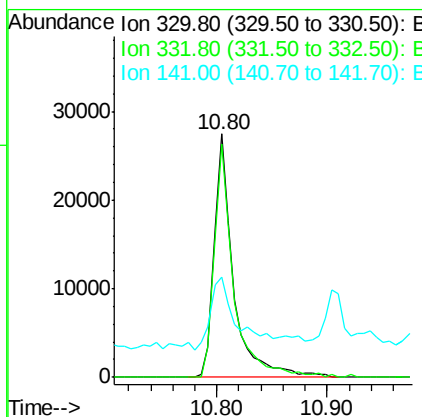
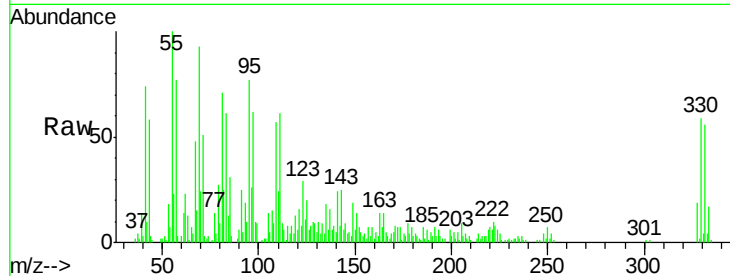




#41
 2,4,6-Tribromophenol
 Concen: 15.63 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104033.D
 Acq: 29 Mar 2018 1:32

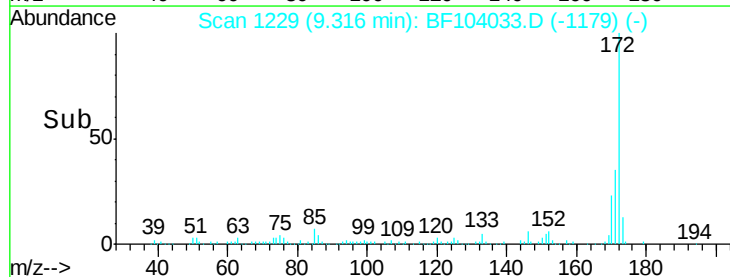
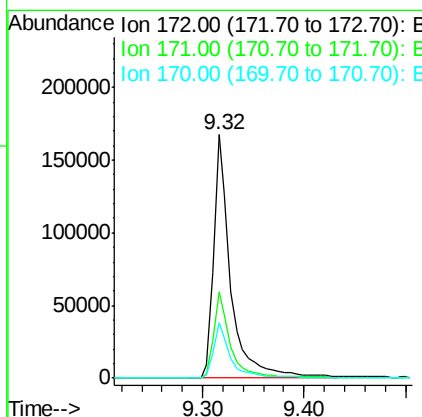
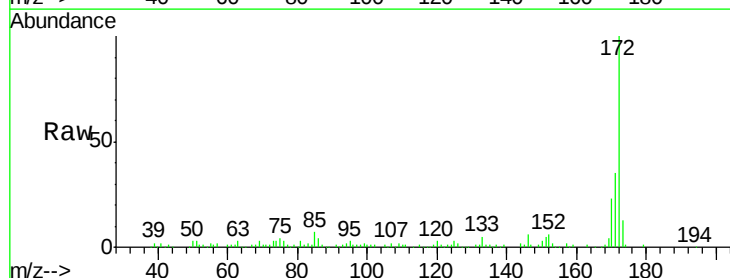
Instrument :
 BNA_F
 ClientSampleId :
 WO-RO-1499

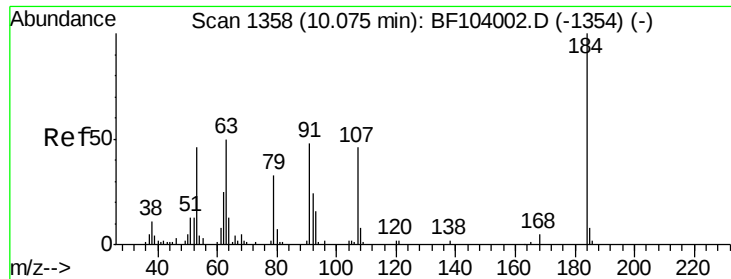
Tgt Ion: 330 Resp: 33307
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 41.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 16.28 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104033.D
 Acq: 29 Mar 2018 1:32

Tgt Ion: 172 Resp: 197594
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.6 19.6 29.4





#53

2,4-Dinitrophenol

Concen: 5.65 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.18 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampleId :

WO-RO-1499

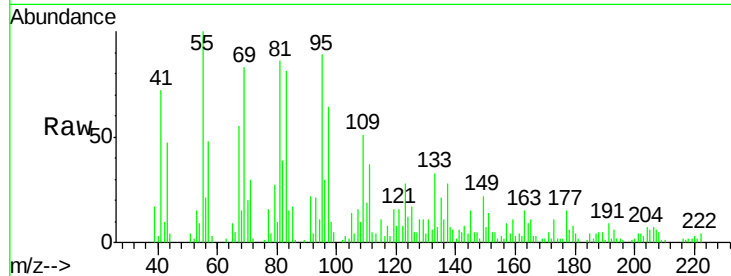
Tgt Ion:184 Resp: 113

Ion Ratio Lower Upper

184 100

63 156.7 54.2 81.2#

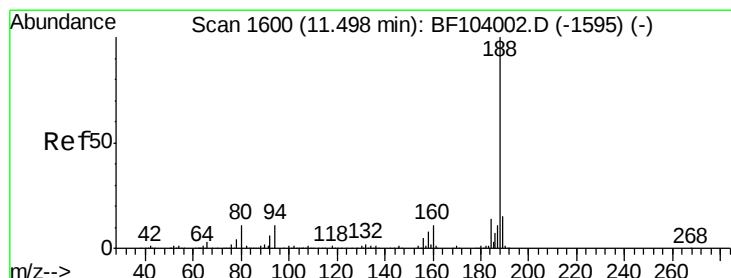
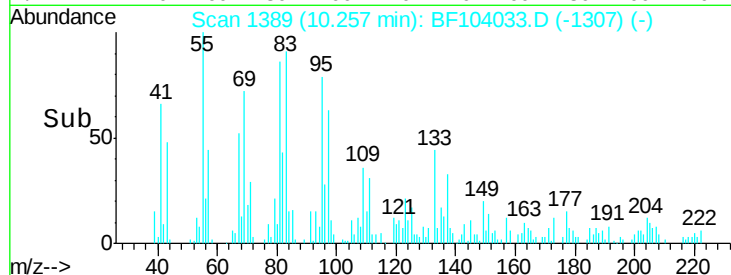
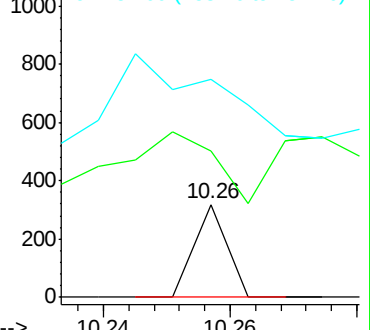
154 234.5 184.0 276.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

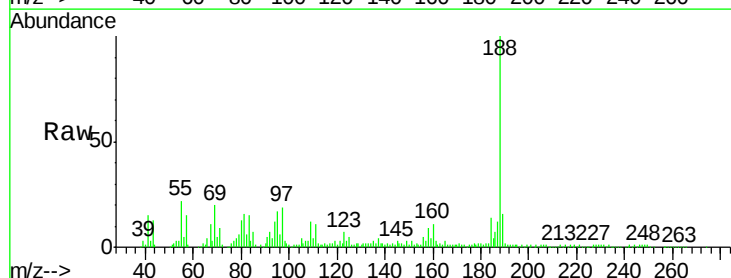
Tgt Ion:188 Resp: 261596

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

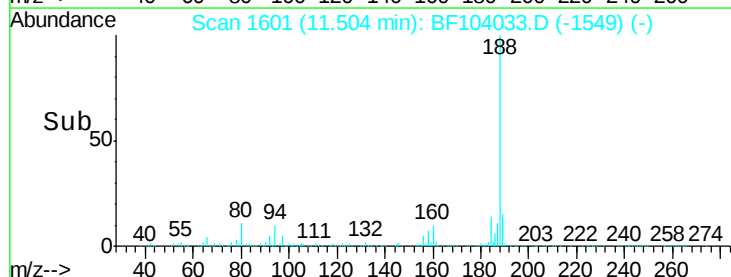
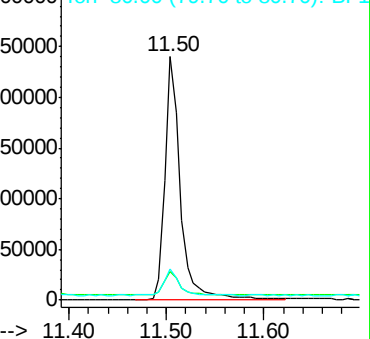
80 12.7 9.2 13.8

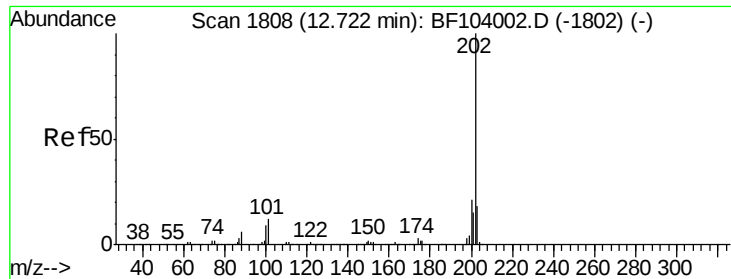


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.53 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampleId :

WO-RO-1499

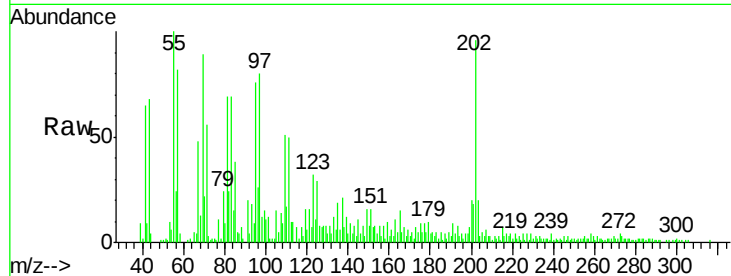
Tgt Ion:202 Resp: 38130

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

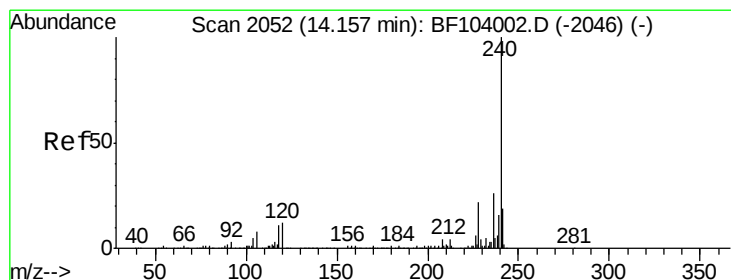
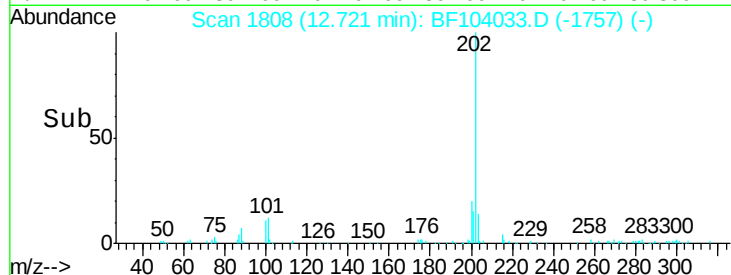
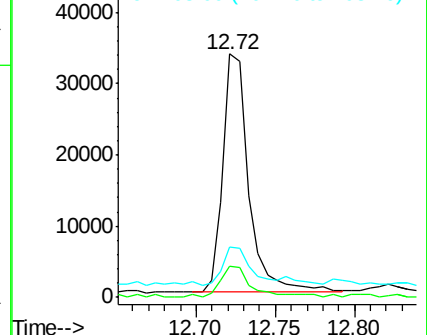
203 20.5 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

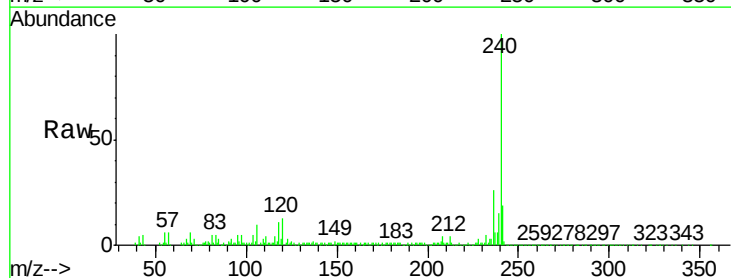
Tgt Ion:240 Resp: 221153

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

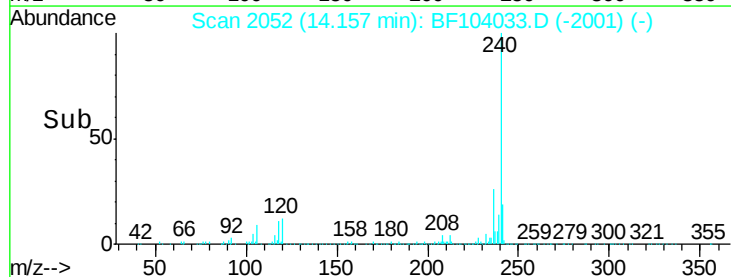
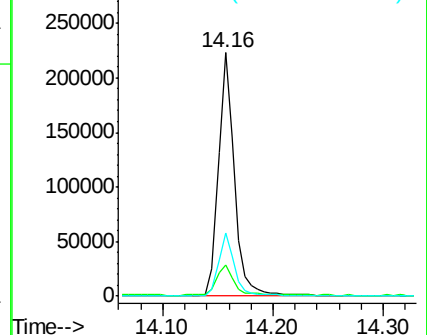
236 25.8 20.7 31.1

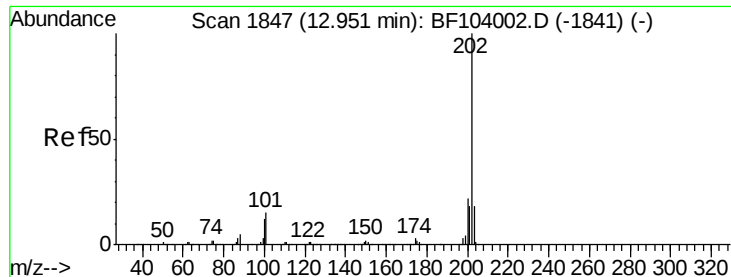


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

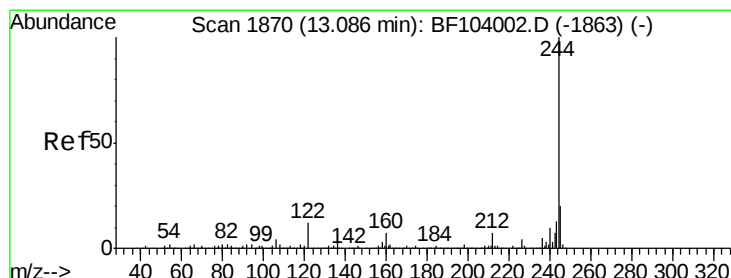
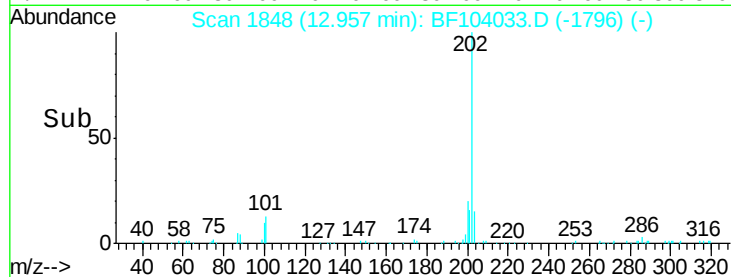
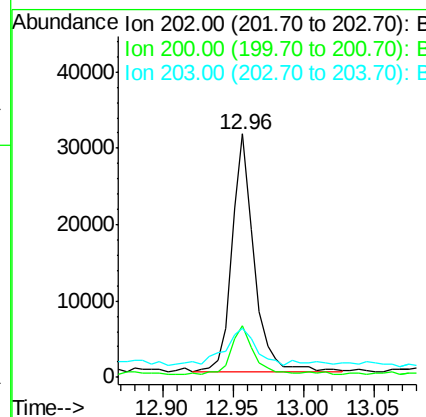
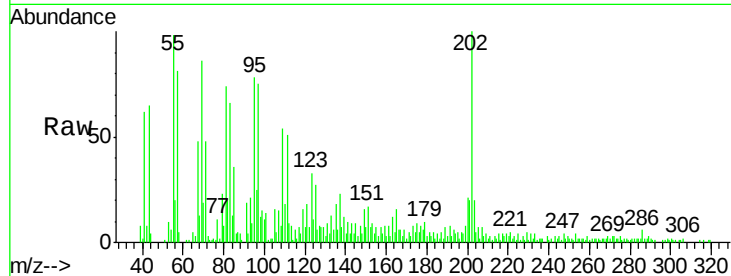




#77
 Pyrene
 Concen: 2.14 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF104033.D
 Acq: 29 Mar 2018 1:32

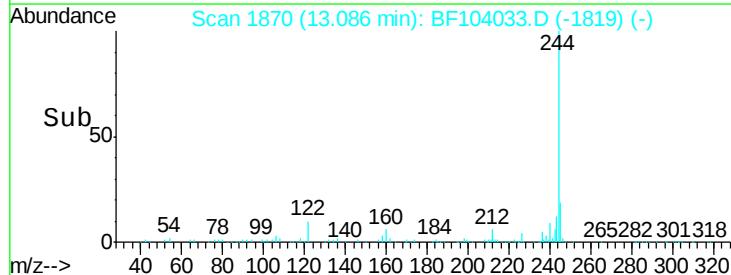
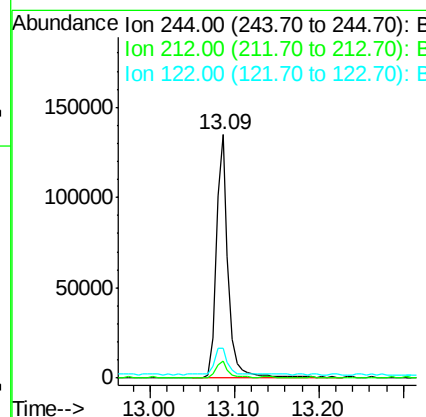
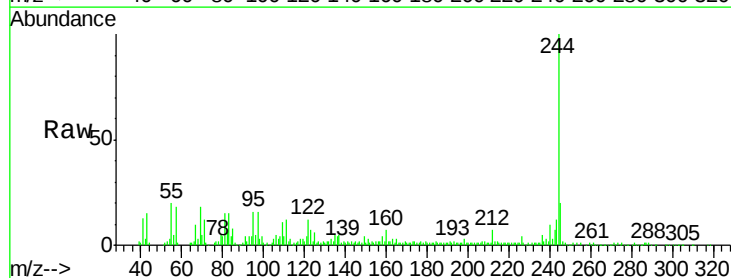
Instrument :
 BNA_F
 ClientSampleId :
 WO-RO-1499

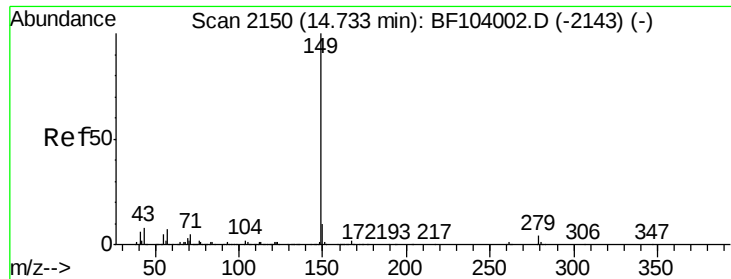
Tgt Ion: 202 Resp: 33947
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 20.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 13.78 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104033.D
 Acq: 29 Mar 2018 1:32

Tgt Ion: 244 Resp: 131997
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.5 11.0 16.4

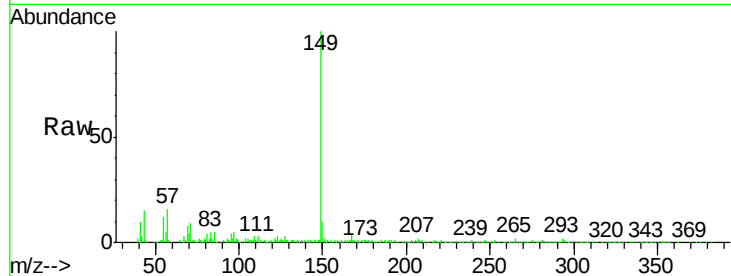




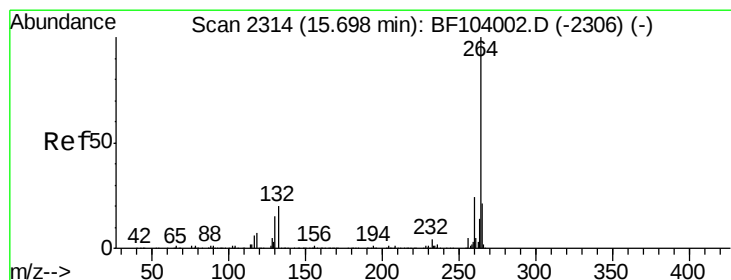
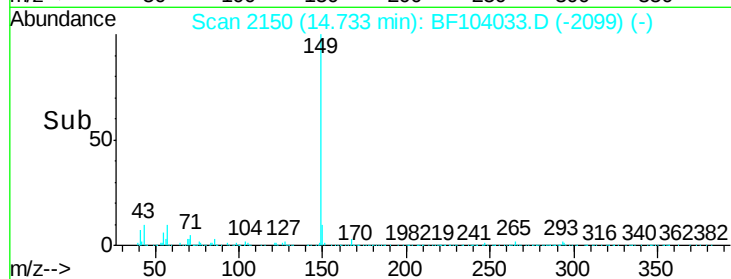
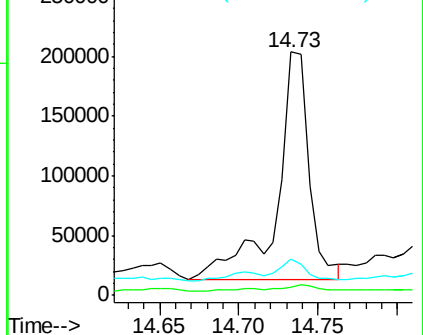
#84
Di-n-octyl phthalate
Concen: 16.51 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF104033.D
Acq: 29 Mar 2018 1:32

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	6.7	8.4	12.6#

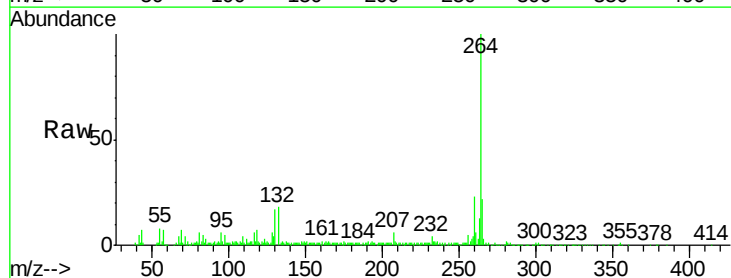


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

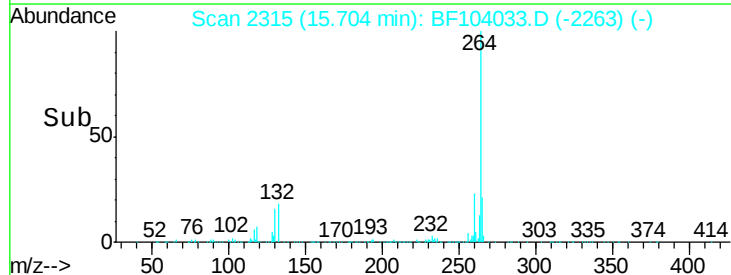
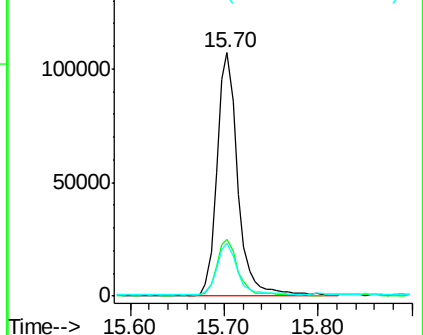


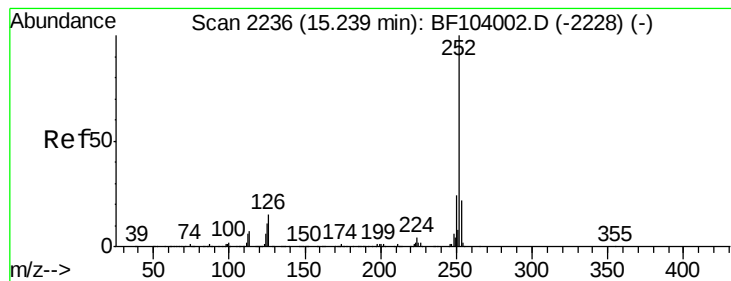
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104033.D
Acq: 29 Mar 2018 1:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	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





#87

Benzo(b)fluoranthene

Concen: 2.41 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Instrument :

BNA_F

ClientSampleId :

WO-RO-1499

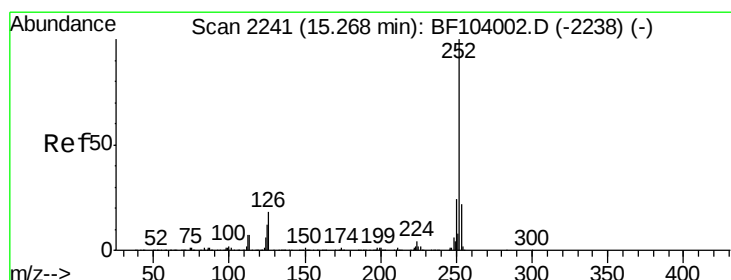
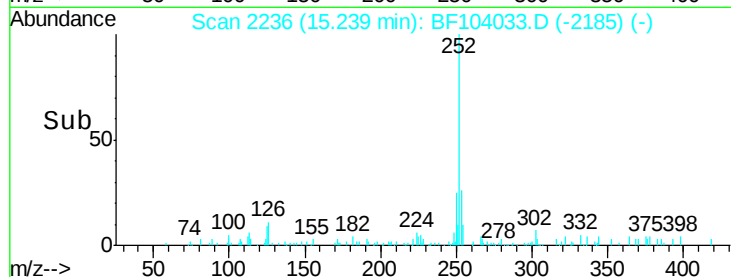
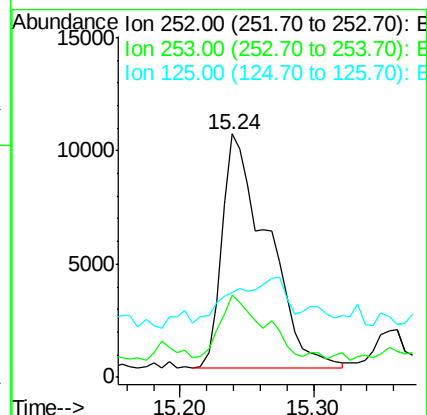
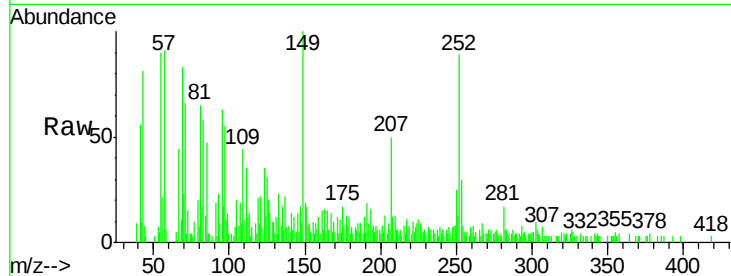
Tgt Ion:252 Resp: 24691

Ion Ratio Lower Upper

252 100

253 33.6 17.0 25.6#

125 34.8 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 2.56 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.03 min

Lab File: BF104033.D

Acq: 29 Mar 2018 1:32

Tgt Ion:252 Resp: 24691

Ion Ratio Lower Upper

252 100

253 33.6 17.9 26.9#

125 34.8 10.2 15.2#

