

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031504.D
 Acq On : 12 Dec 2017 23:18
 Operator : SJ/JU
 Sample : I6763-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-B

Quant Time: Dec 13 05:56:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

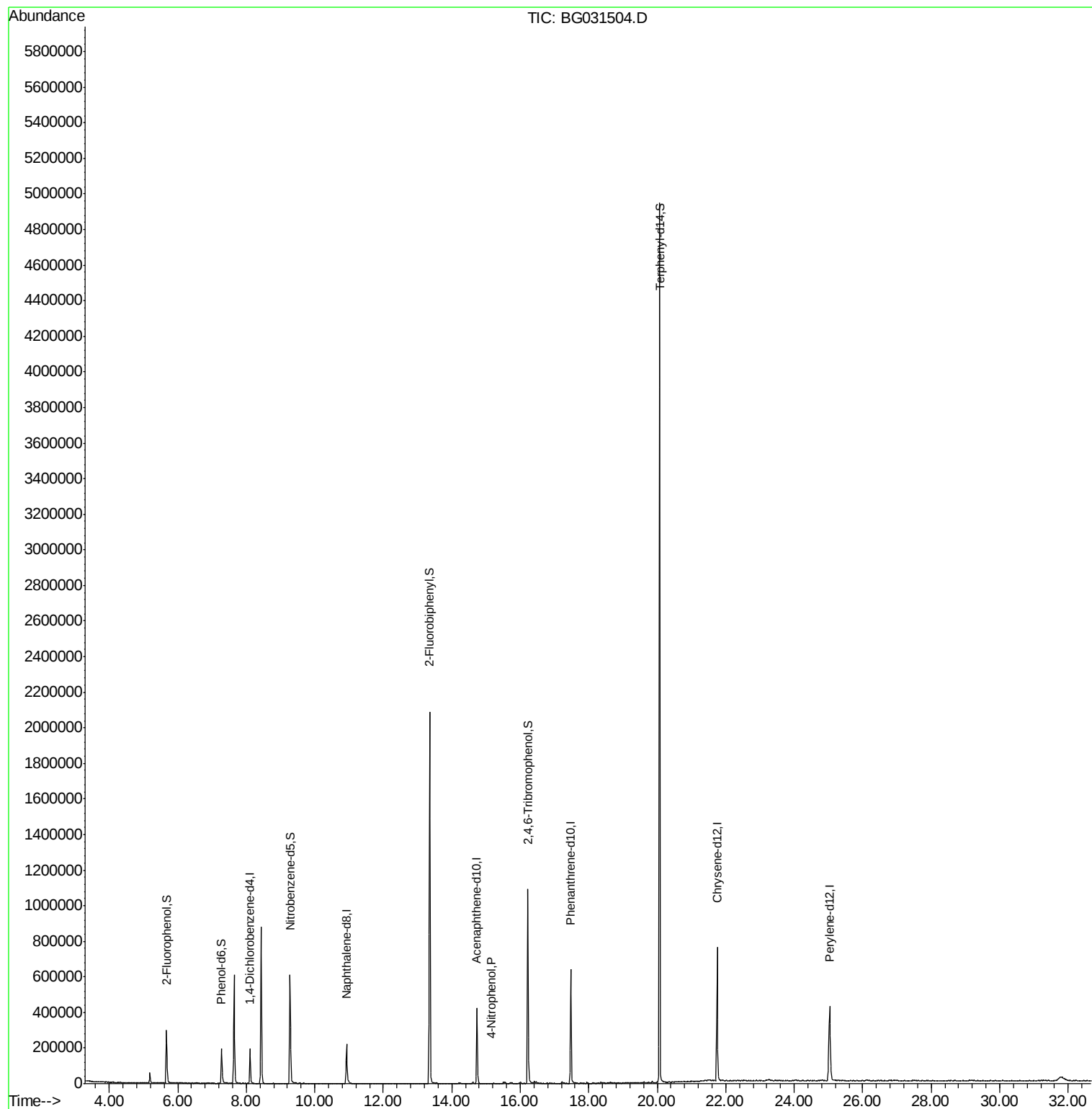
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59305	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	249568	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	168378	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	440321	20.00	ng	0.00
75) Chrysene-d12	21.75	240	523700	20.00	ng	0.00
86) Perylene-d12	25.03	264	504264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	166556	49.78	ng	0.00
7) Phenol-d6	7.28	99	139048	29.94	ng	0.00
23) Nitrobenzene-d5	9.27	82	423084	104.49	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	226140	114.64	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1234305	107.60	ng	0.00
78) Terphenyl-d14	20.07	244	2103808	91.40	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.16	139	68	3.574	ng	Qvalue # 1

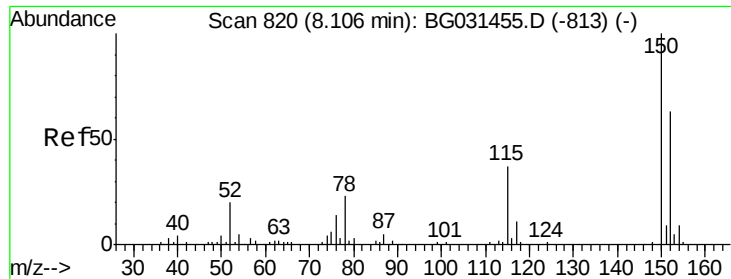
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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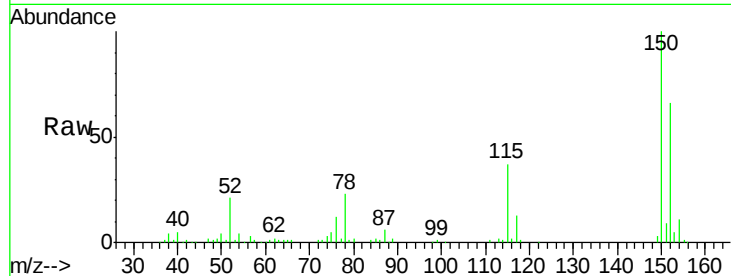


#1

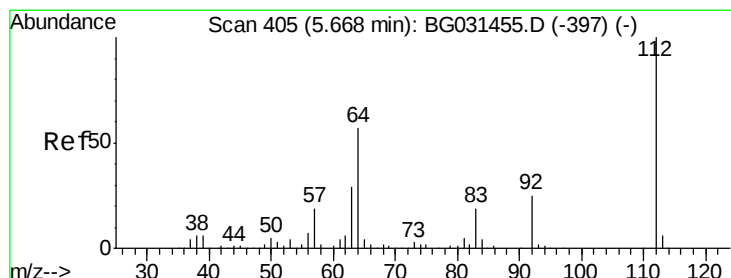
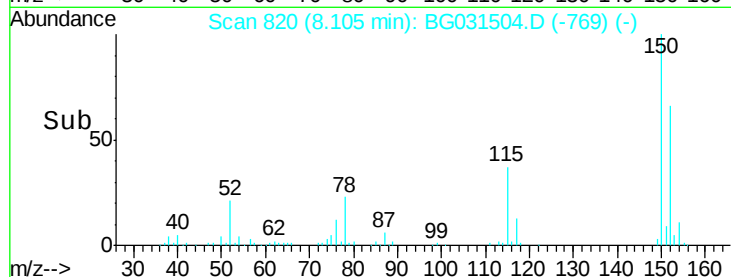
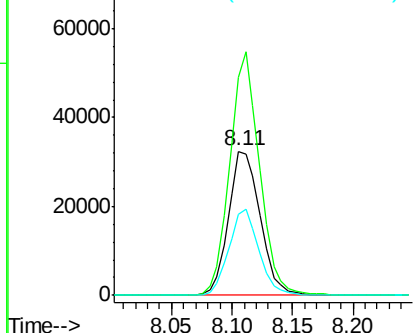
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031504.D
Acq: 12 Dec 2017 23:18

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-U-B

Tot Ion:152 Resp: 59305
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 56.4 53.0 79.4



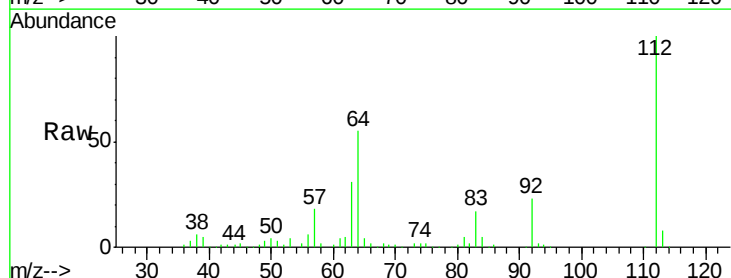
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



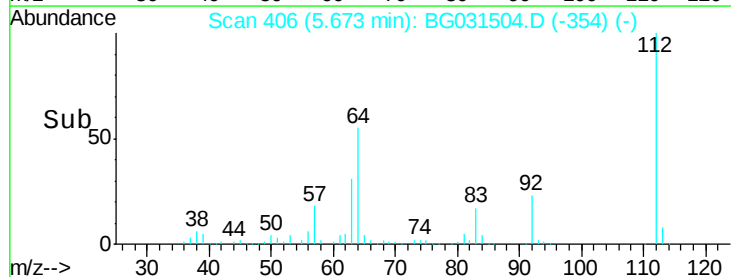
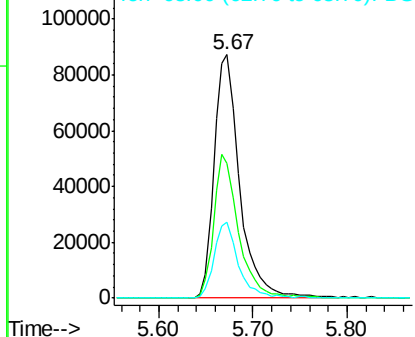
#5

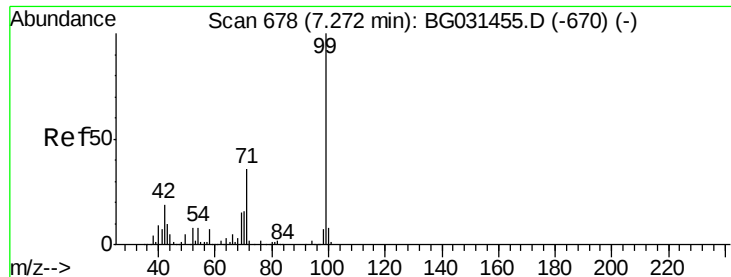
2-Fluorophenol
Concen: 49.781 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031504.D
Acq: 12 Dec 2017 23:18

Tgt Ion:112 Resp: 166556
Ion Ratio Lower Upper
112 100
64 55.5 56.3 84.5#
63 31.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.937 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031504.D

Acq: 12 Dec 2017 23:18

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-U-B

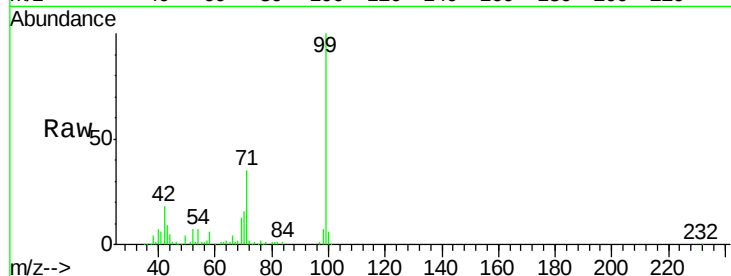
Tot Ion: 99 Resp: 139048

Ion Ratio Lower Upper

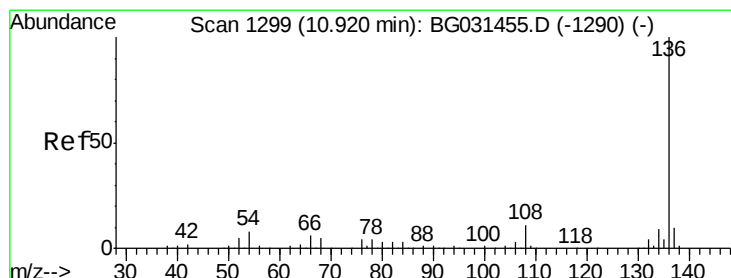
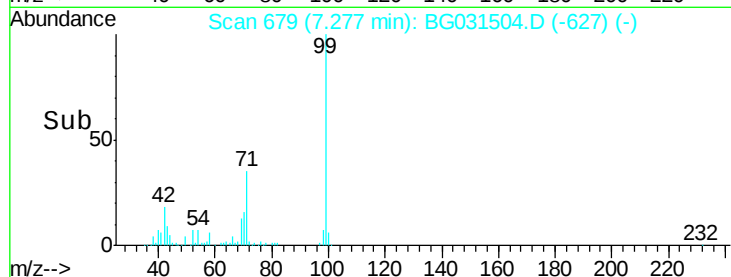
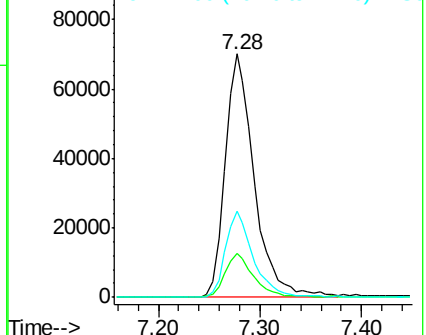
99 100

42 17.9 14.1 21.1

71 35.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031504.D

Acq: 12 Dec 2017 23:18

Tgt Ion: 136 Resp: 249568

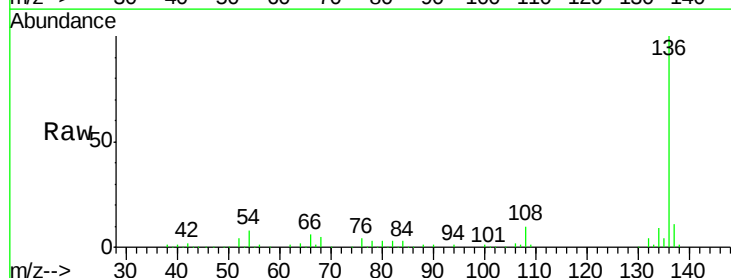
Ion Ratio Lower Upper

136 100

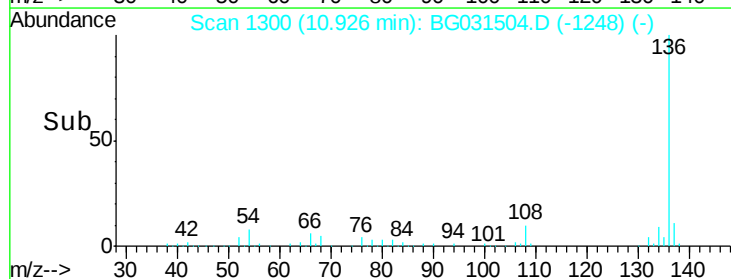
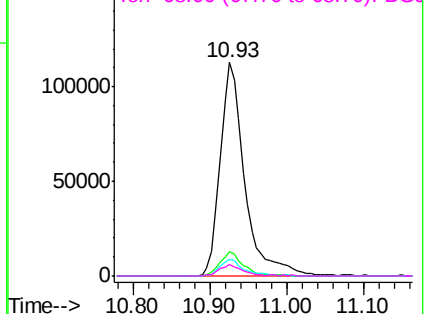
137 11.5 9.2 13.8

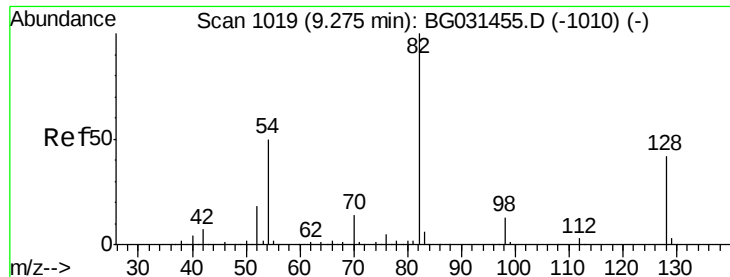
54 7.5 10.3 15.5#

68 5.2 4.5 6.7



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

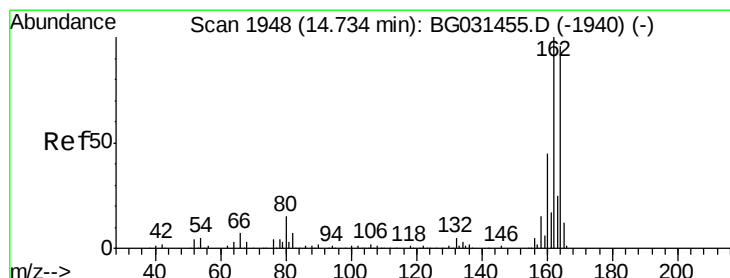
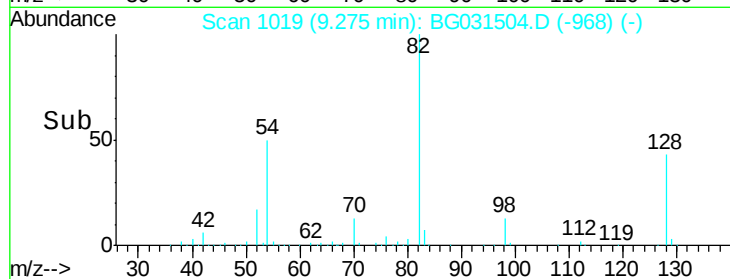
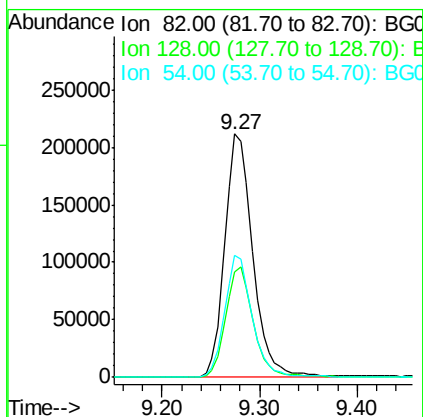
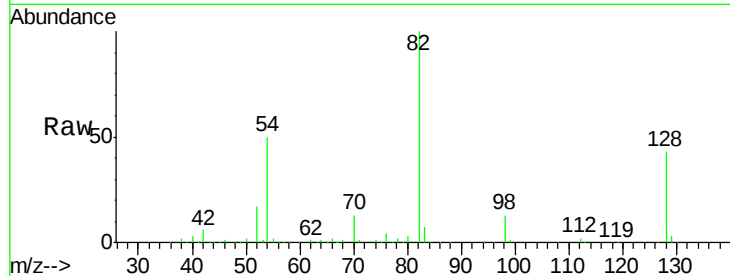




#23
 Nitrobenzene-d5
 Concen: 104.491 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031504.D
 Acq: 12 Dec 2017 23:18

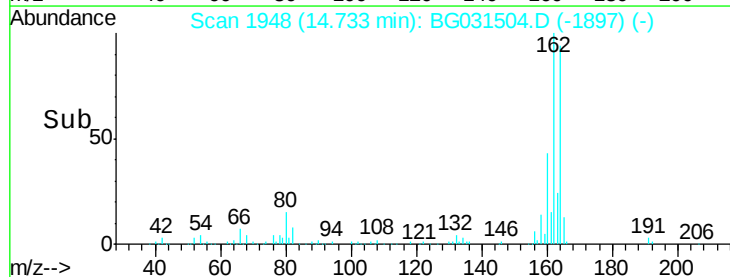
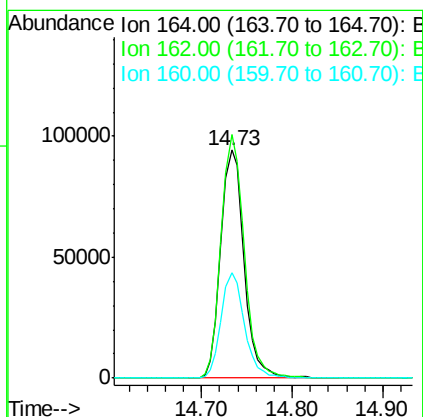
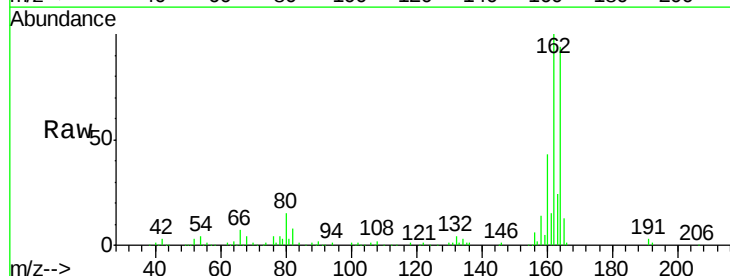
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-B

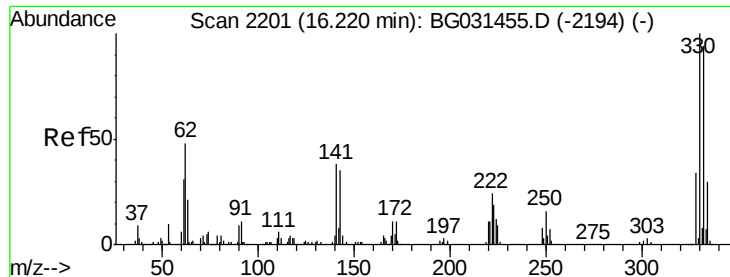
Tot Ion	82	Resp	423084
Ion Ratio	Lower	Upper	
82	100		
128	43.5	29.7	44.5
54	50.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031504.D
 Acq: 12 Dec 2017 23:18

Tgt Ion	164	Resp	168378
Ion Ratio	Lower	Upper	
164	100		
162	106.8	78.8	118.2
160	46.4	35.4	53.0

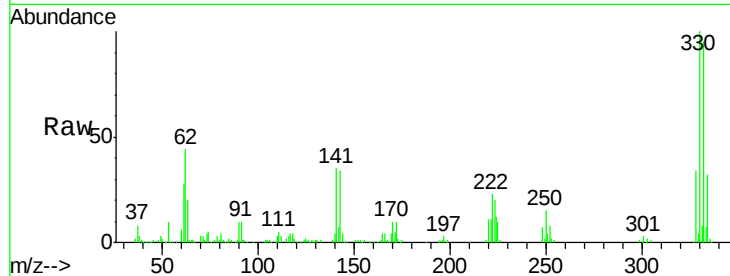




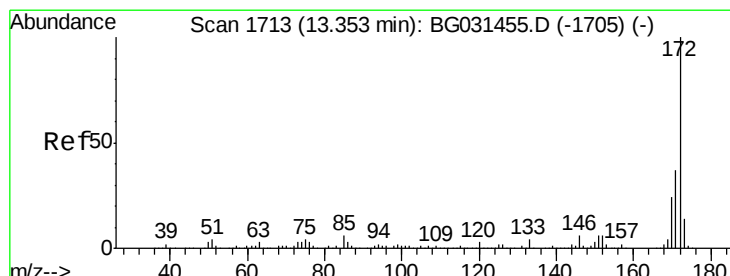
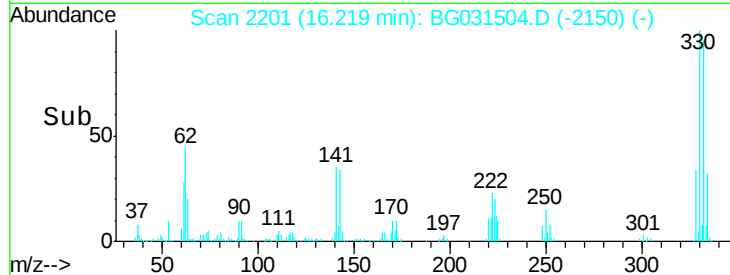
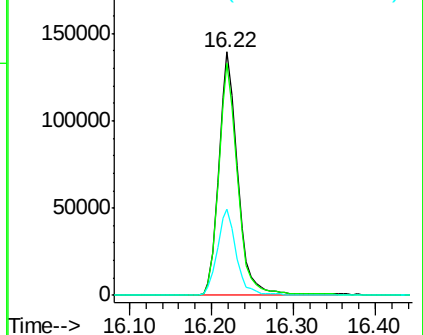
#41
 2,4,6-Tribromophenol
 Concen: 114.639 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031504.D
 Acq: 12 Dec 2017 23:18

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-B

Tot Ion:330 Resp: 226140
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 35.6 25.2 37.8

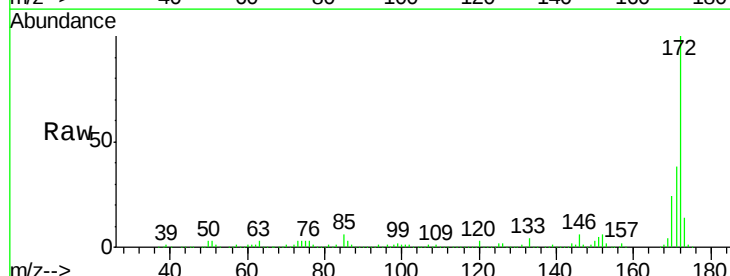


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

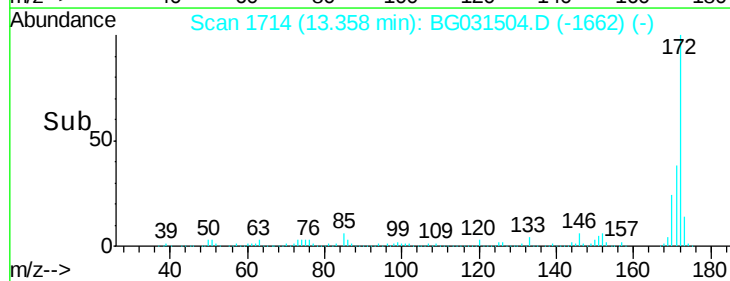
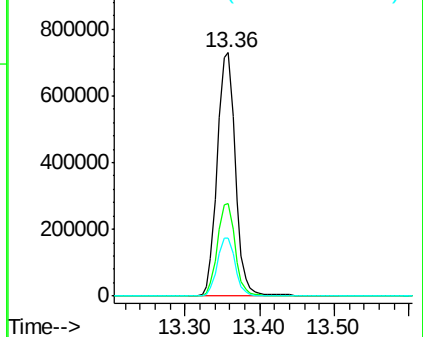


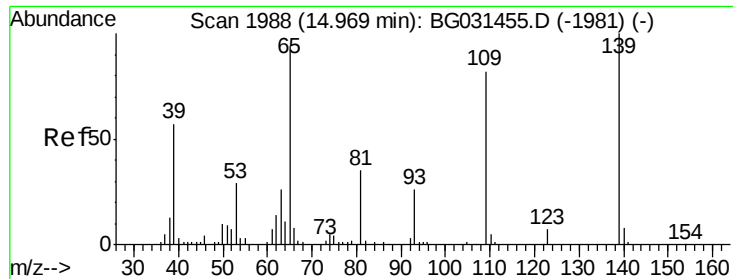
#44
 2-Fluorobiphenyl
 Concen: 107.603 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG031504.D
 Acq: 12 Dec 2017 23:18

Tgt Ion:172 Resp: 1234305
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.0 19.5 29.3



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

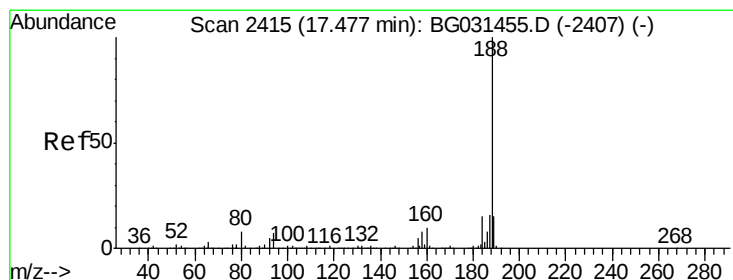
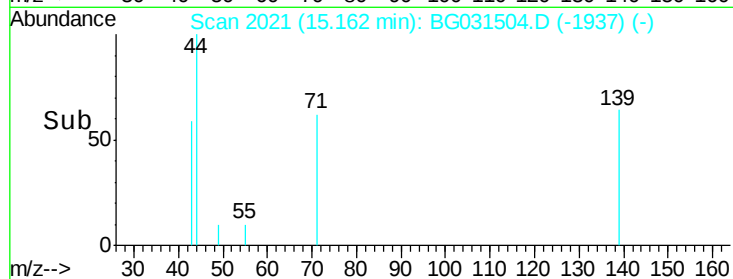
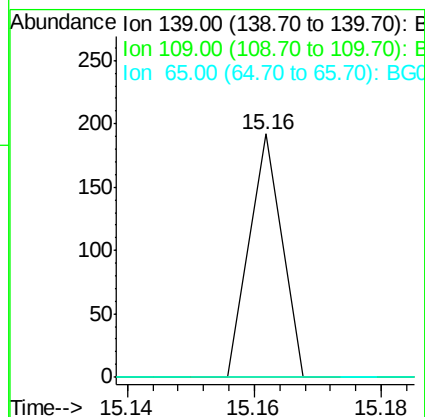
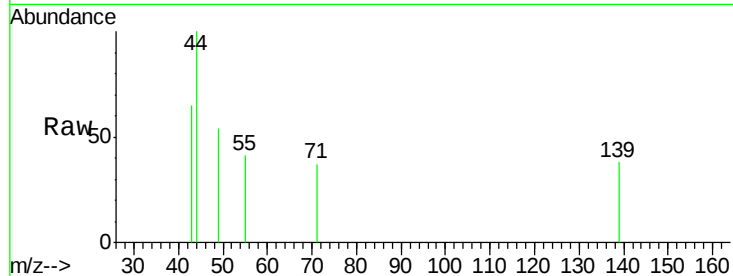




#55
4-Nitrophenol
Concen: 3.574 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031504.D
Acq: 12 Dec 2017 23:18

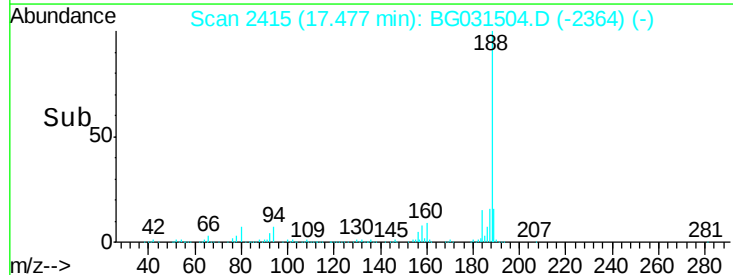
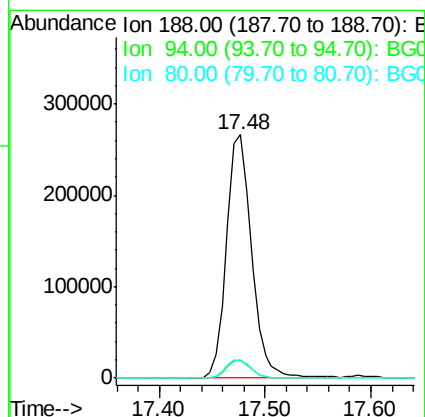
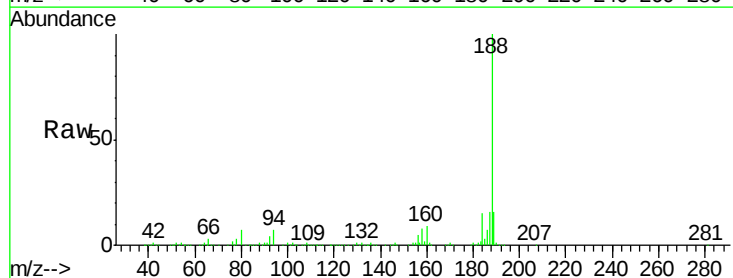
Instrument :
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120517-FOPI-F-U-B

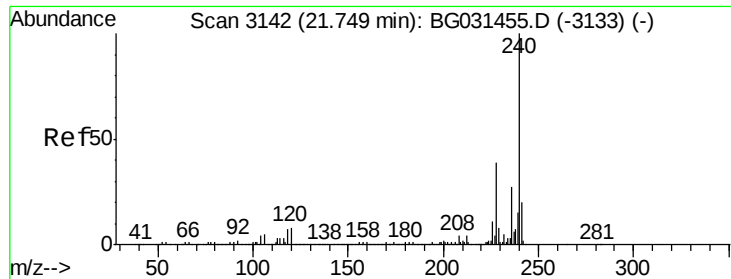
Tot Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031504.D
Acq: 12 Dec 2017 23:18

Tgt Ion:188 Resp: 440321
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031504.D

Acq: 12 Dec 2017 23:18

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-U-B

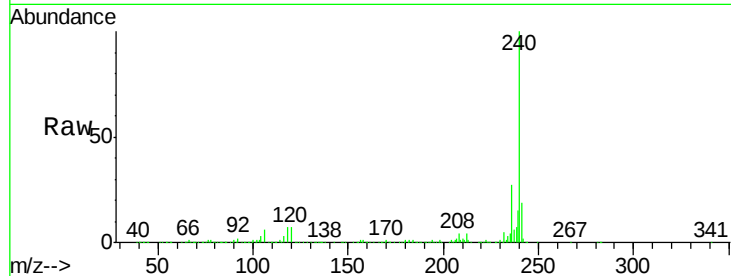
Tot Ion:240 Resp: 523700

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

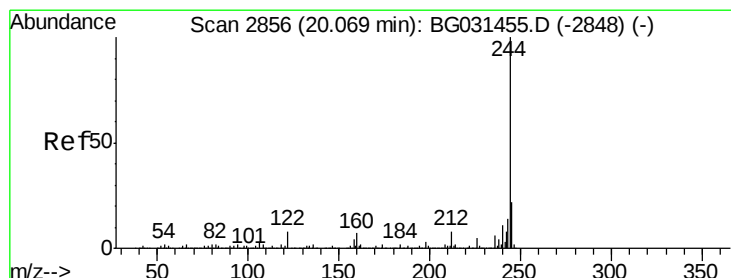
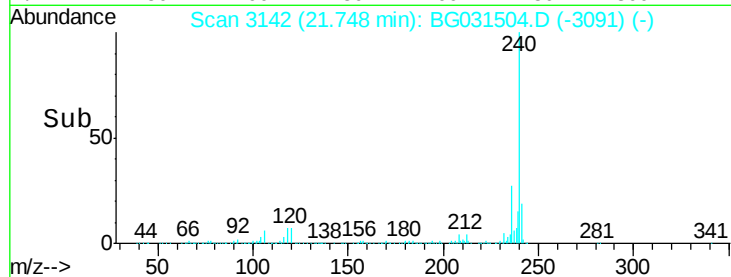
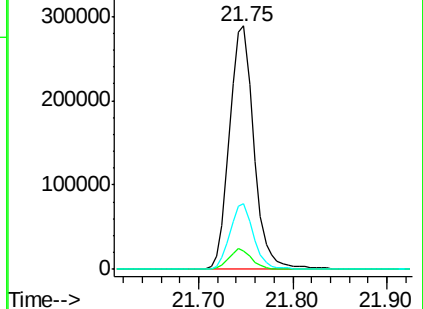
236 27.1 20.9 31.3



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: 91.398 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031504.D

Acq: 12 Dec 2017 23:18

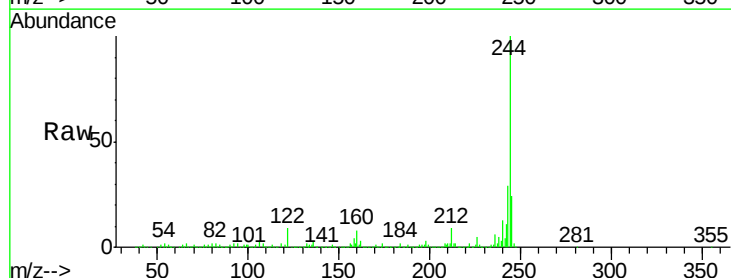
Tgt Ion:244 Resp: 2103808

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

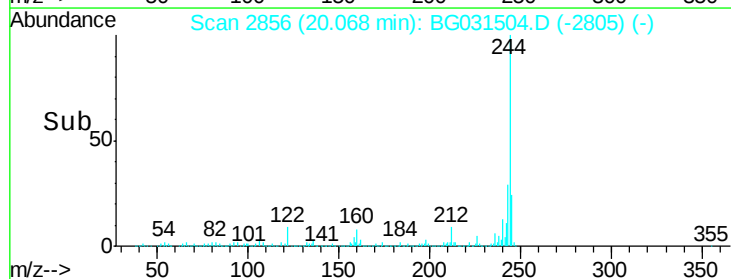
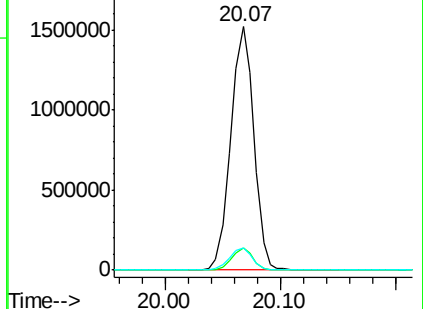
122 9.3 7.0 10.4

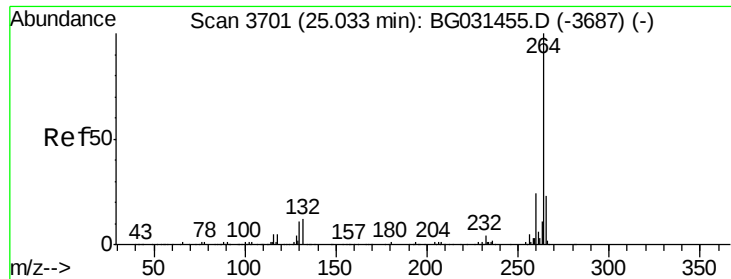


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

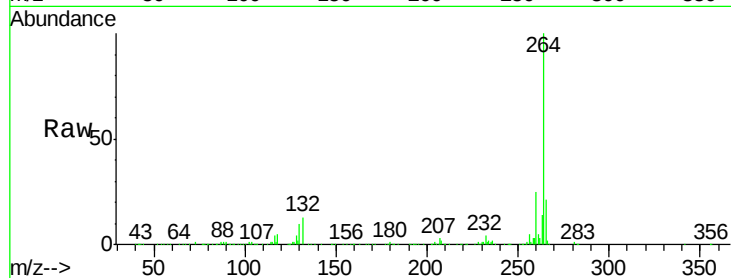




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031504.D
Acq: 12 Dec 2017 23:18

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.3	17.7	26.5



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

