

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032377.D
 Acq On : 28 Jan 2018 4:59
 Operator : SJ/JU
 Sample : J1322-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M3-LEFT-RIGHT

Quant Time: Jan 29 02:39:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

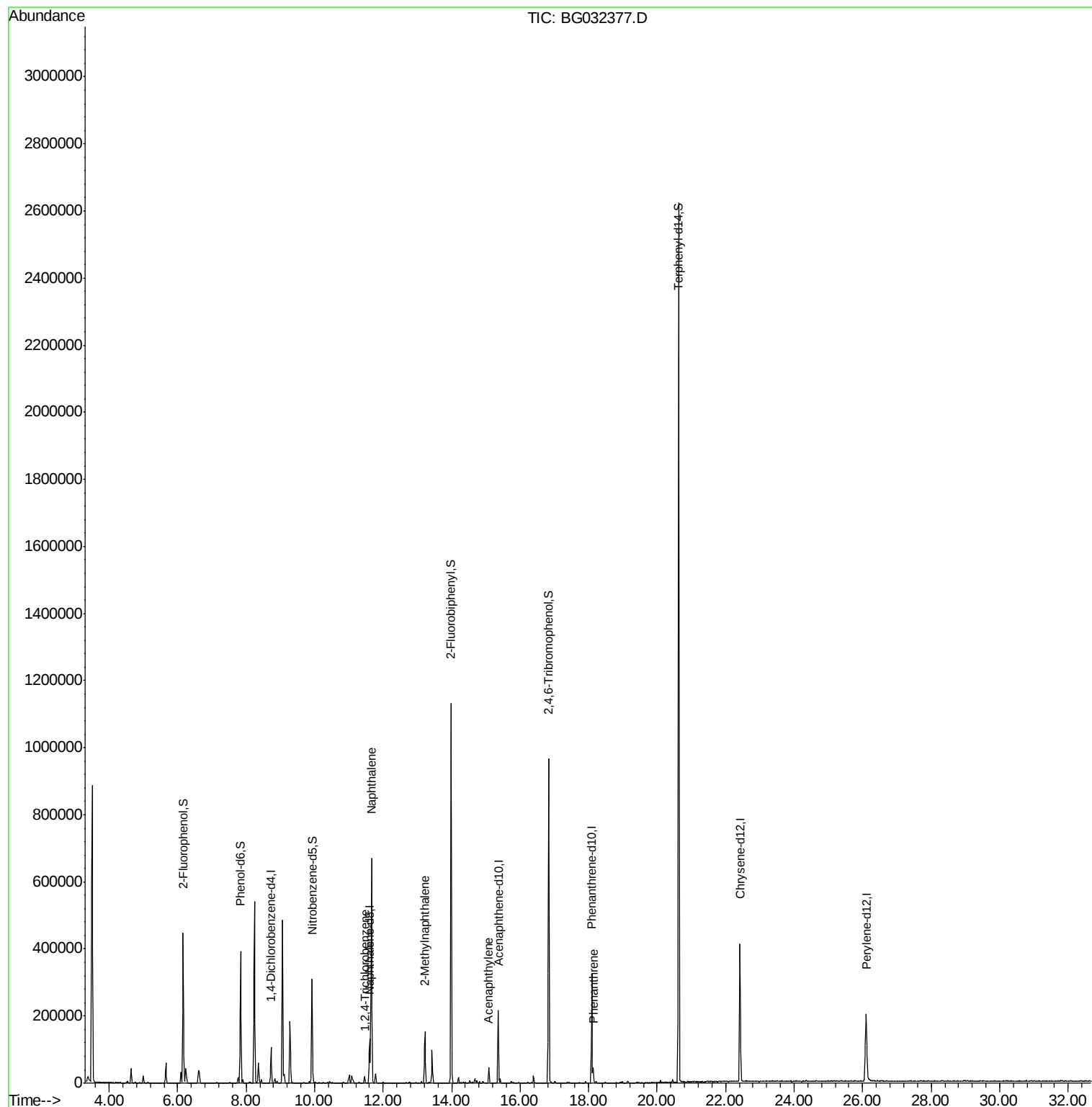
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	34099	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	125926	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82404	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	227219	20.00	ng	0.00
75) Chrysene-d12	22.42	240	313729	20.00	ng	0.00
86) Perylene-d12	26.10	264	248324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	221570	118.84	ng	0.00
7) Phenol-d6	7.84	99	230005	97.95	ng	0.00
23) Nitrobenzene-d5	9.92	82	190891	102.56	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	222377	163.08	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	651878	98.09	ng	0.00
78) Terphenyl-d14	20.63	244	1419118	99.88	ng	0.00
Target Compounds						Qvalue
30) 1,2,4-Trichlorobenzene	11.46	180	9045	3.260	ng	96
31) Naphthalene	11.66	128	607653	97.410	ng	99
37) 2-Methylnaphthalene	13.22	142	74123	14.967	ng	91
48) Acenaphthylene	15.08	152	34513	4.124	ng	# 96
70) Phenanthrene	18.13	178	32572	2.575	ng	97

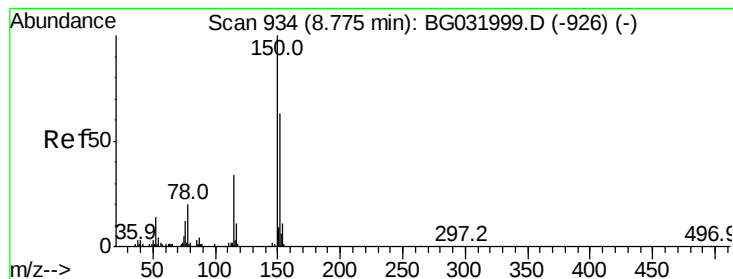
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032377.D

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Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

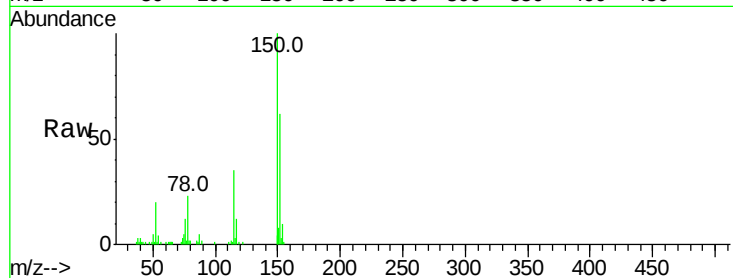
Tot Ion:152 Resp: 34099

Ion Ratio Lower Upper

152 100

150 162.3 126.6 189.8

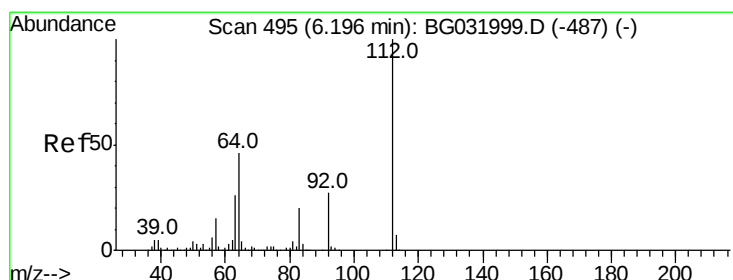
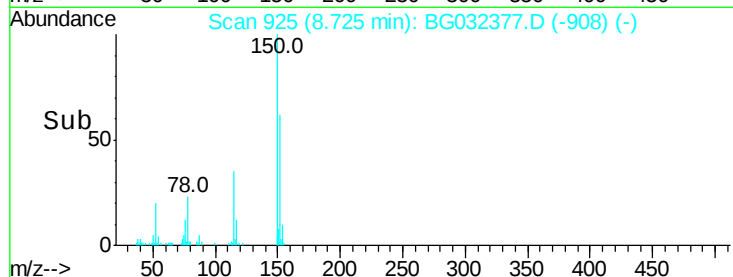
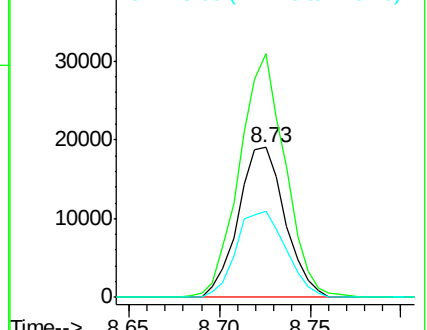
115 57.3 53.0 79.4



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: 118.841 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

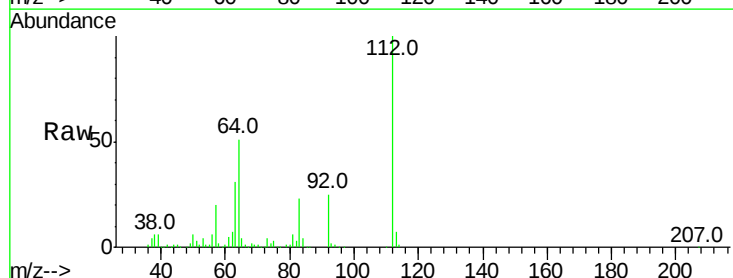
Tgt Ion:112 Resp: 221570

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

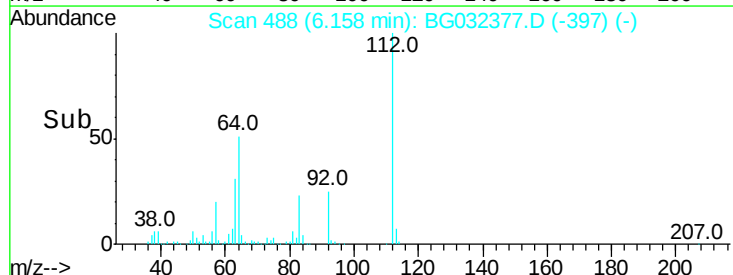
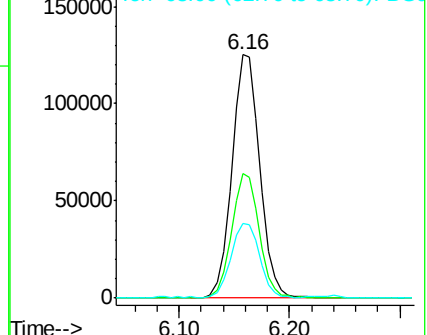
63 30.8 30.1 45.1

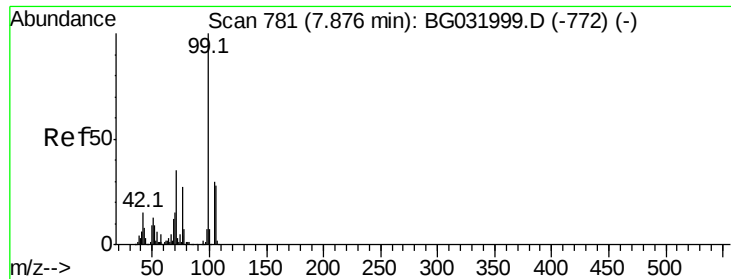


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.953 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

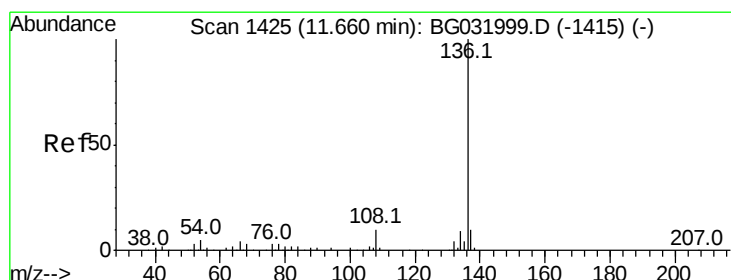
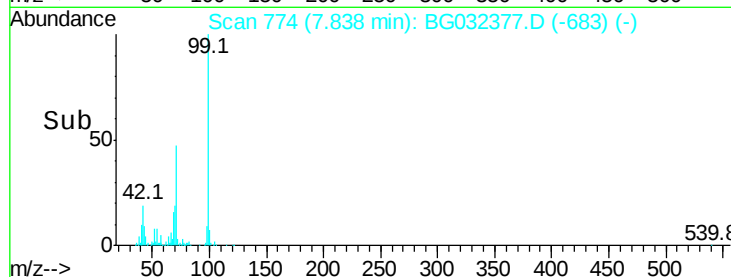
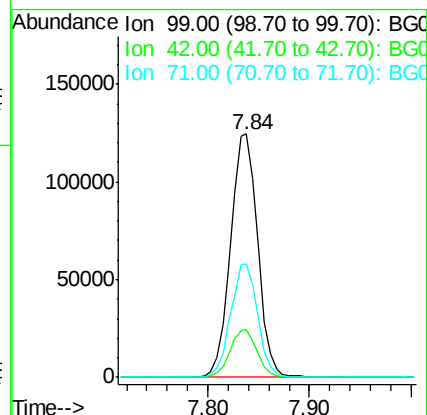
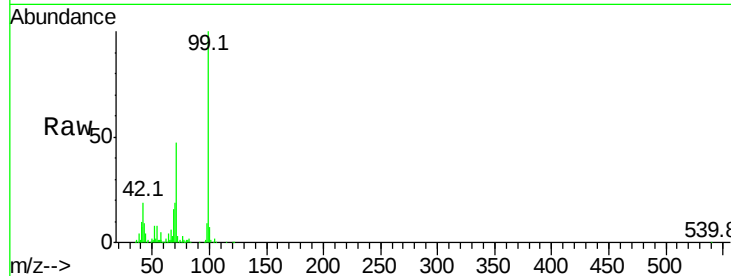
Tot Ion: 99 Resp: 230005

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

71 46.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

Tgt Ion: 136 Resp: 125926

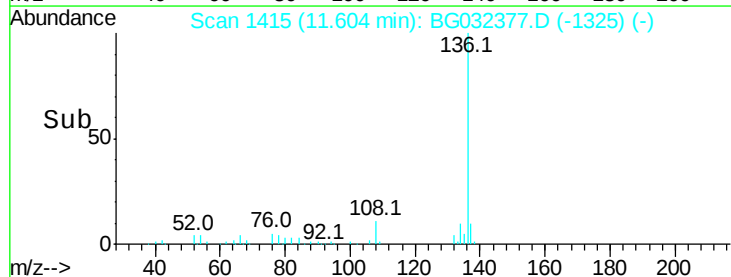
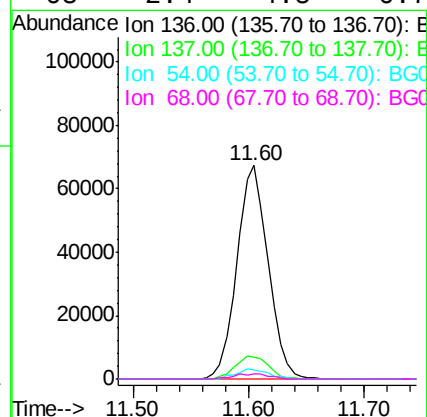
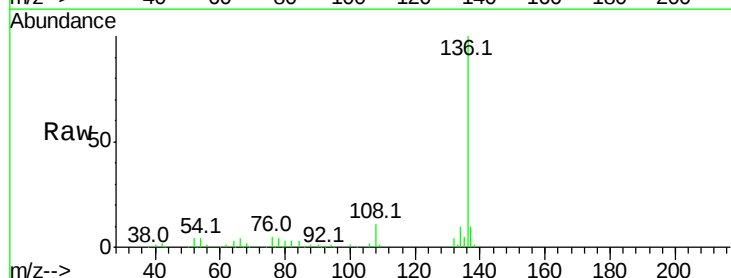
Ion Ratio Lower Upper

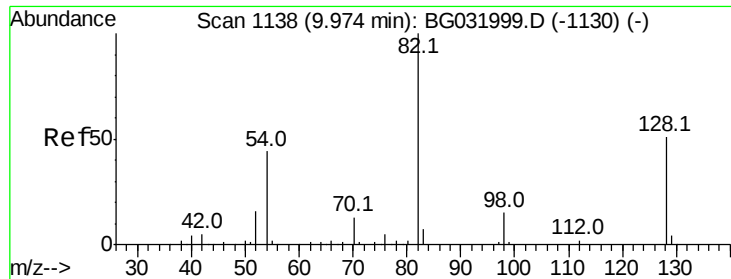
136 100

137 10.2 9.2 13.8

54 4.4 10.3 15.5#

68 2.4 4.5 6.7#

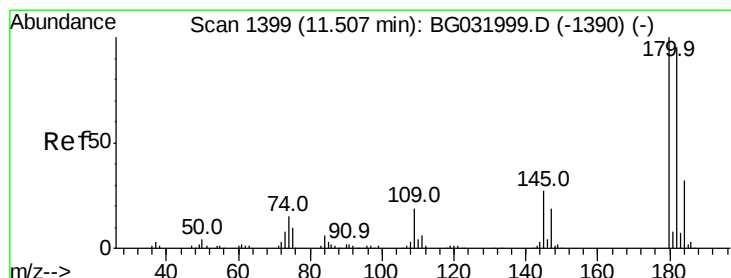
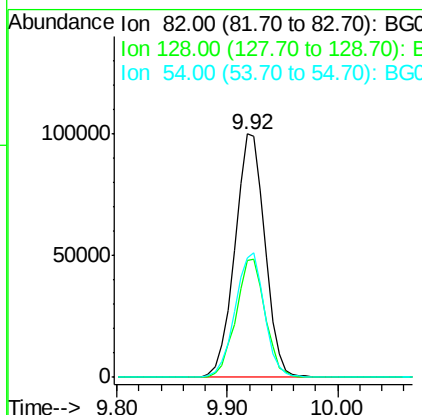
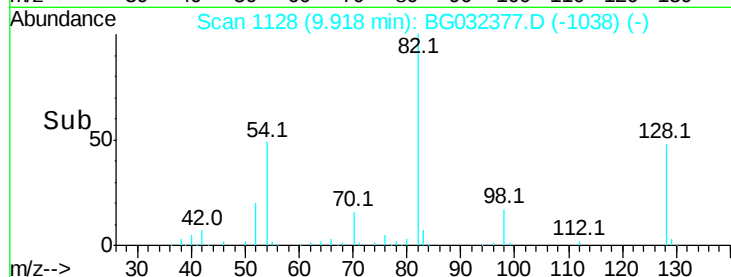
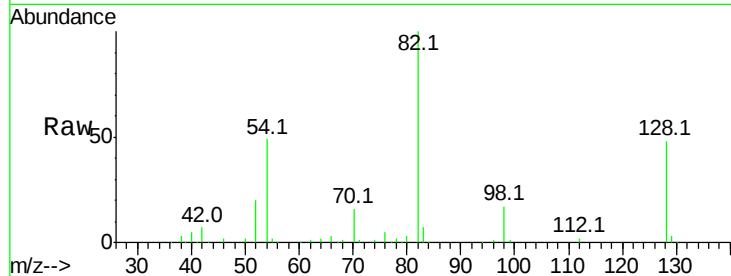




#23
 Nitrobenzene-d5
 Concen: 102.557 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032377.D
 Acq: 28 Jan 2018 4:59

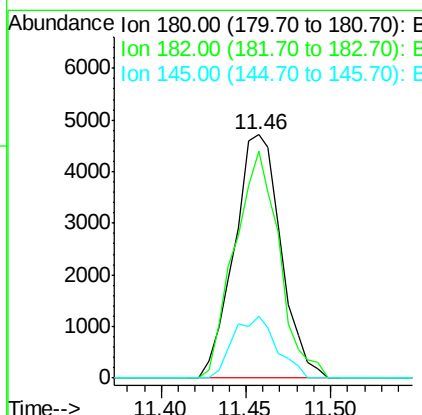
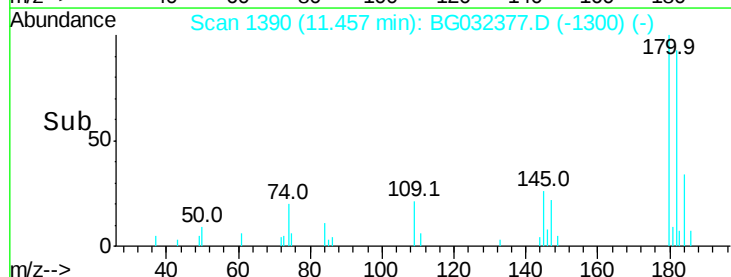
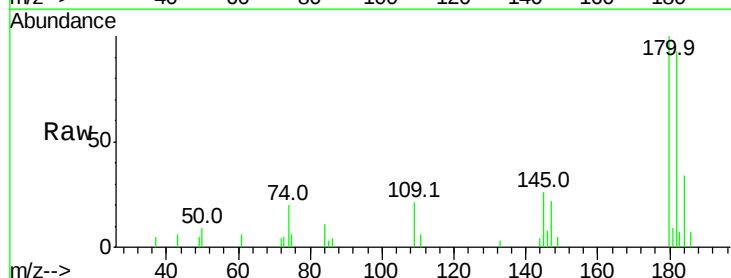
Instrument :
 BNA_G
 ClientSampleId :
 M3-LEFT-RIGHT

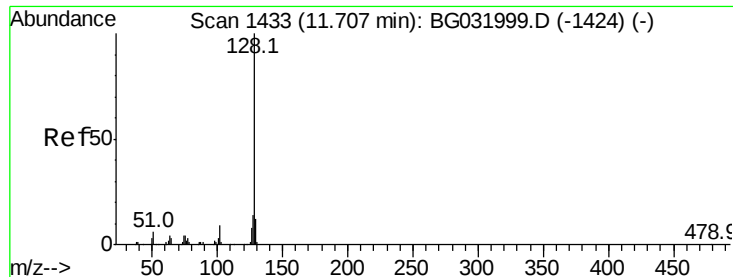
Tot Ion: 82 Resp: 190891
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 48.9 43.1 64.7



#30
 1,2,4-Trichlorobenzene
 Concen: 3.260 ng
 RT: 11.46 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032377.D
 Acq: 28 Jan 2018 4:59

Tgt Ion:180 Resp: 9045
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.5 116.3
 145 25.6 23.4 35.2

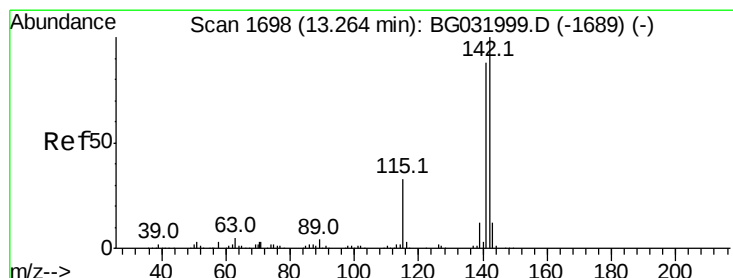
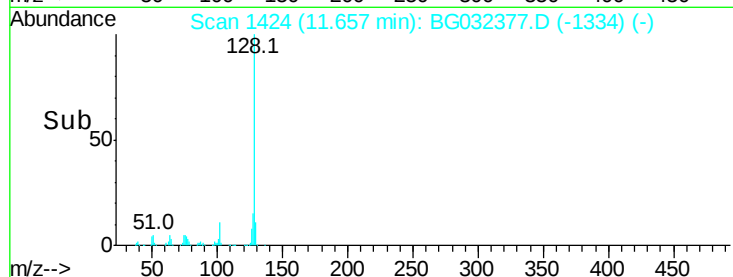
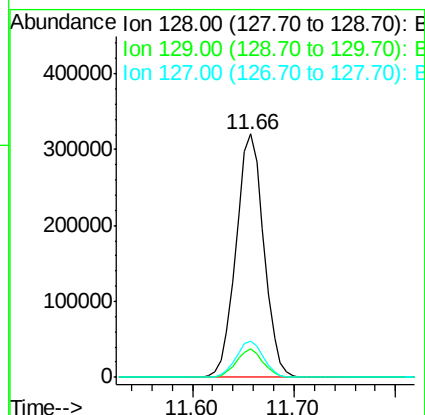
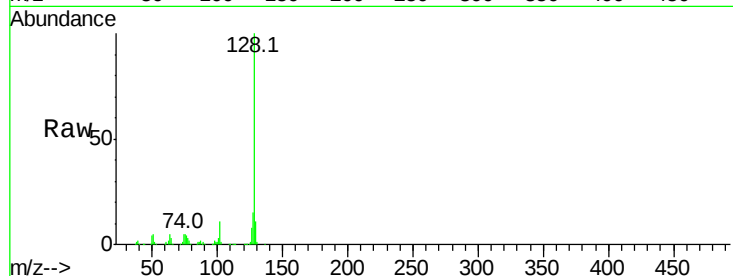




#31
Naphthalene
Concen: 97.410 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

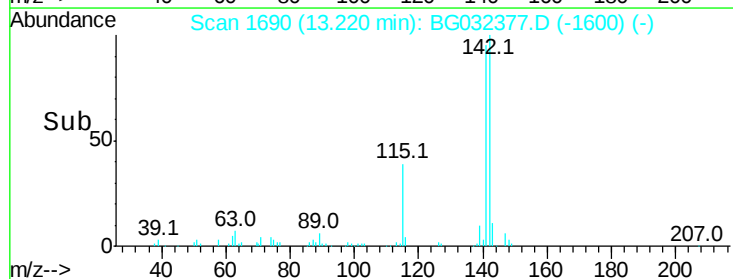
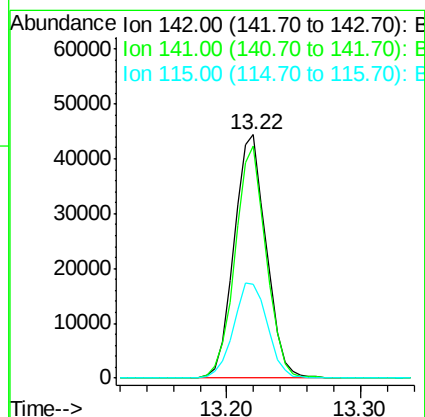
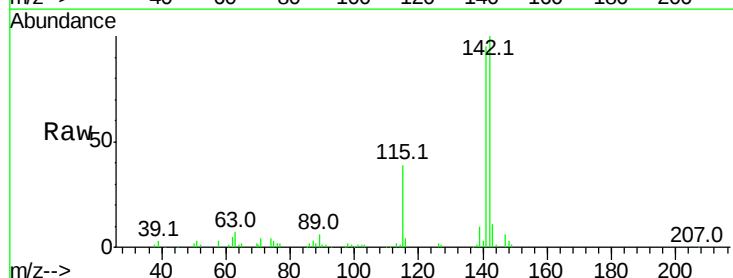
Instrument :
BNA_G
ClientSampleId :
M3-LEFT-RIGHT

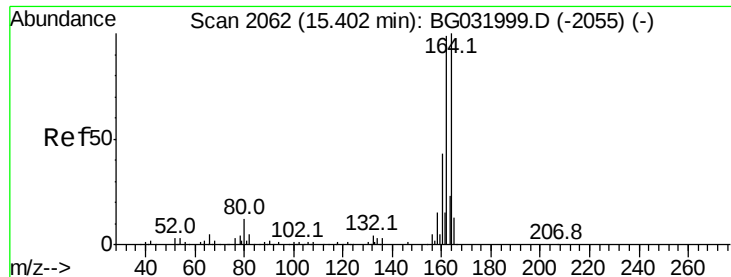
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.8	11.6	17.4



#37
2-Methylnaphthalene
Concen: 14.967 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	67.1	100.7
115	38.5	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

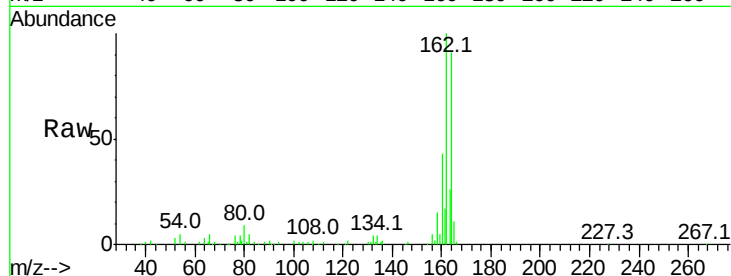
Tot Ion:164 Resp: 82404

Ion Ratio Lower Upper

164 100

162 109.9 78.8 118.2

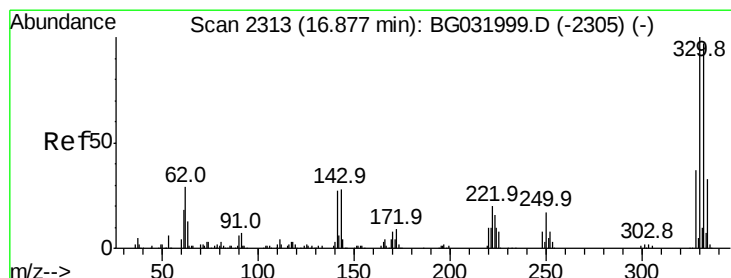
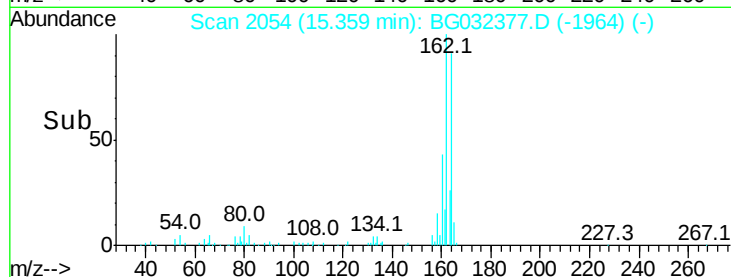
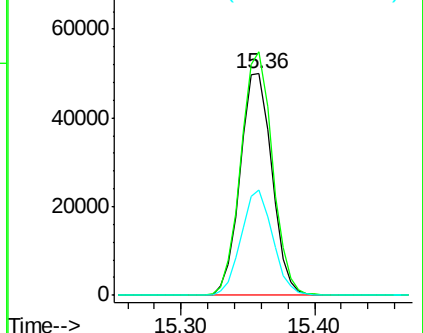
160 47.4 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 163.082 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

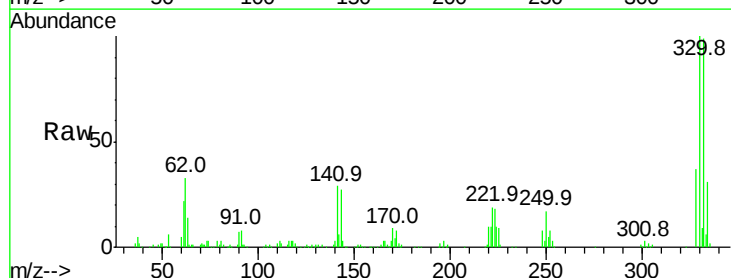
Tgt Ion:330 Resp: 222377

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

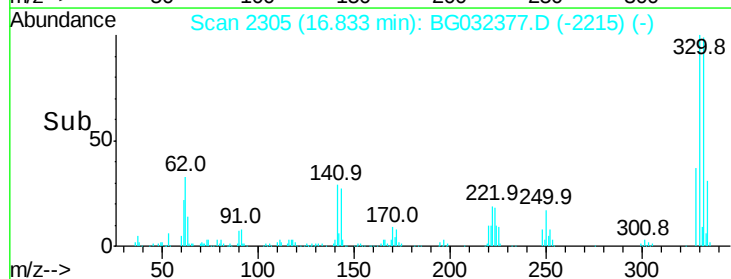
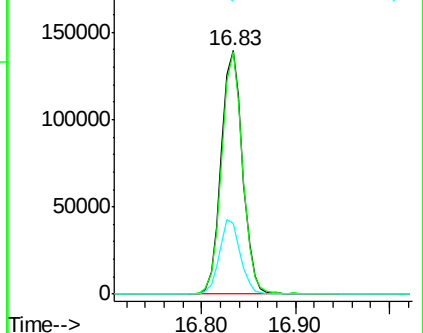
141 30.0 25.2 37.8

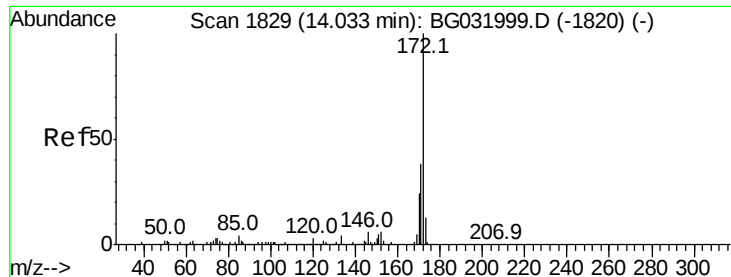


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

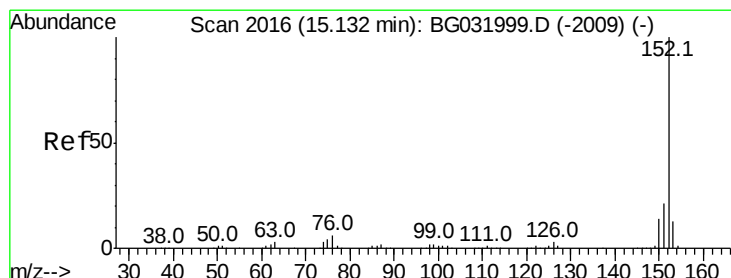
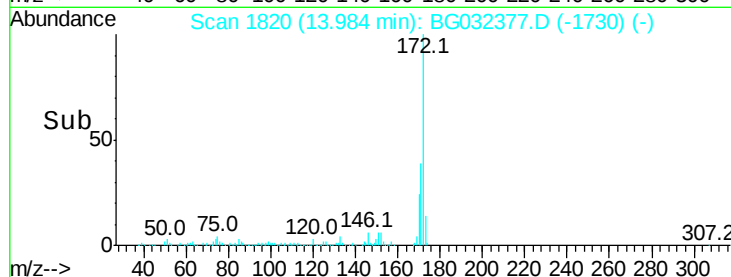
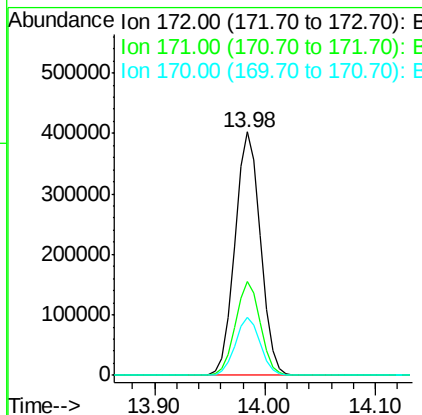
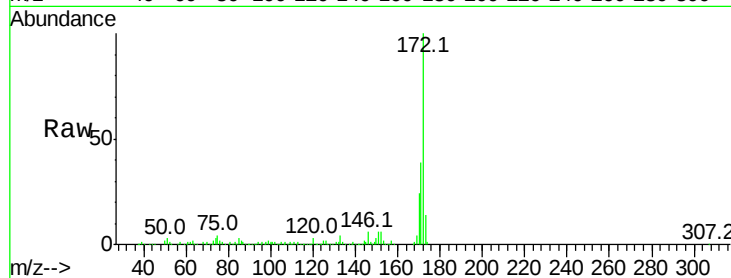




#44
2-Fluorobiphenyl
Concen: 98.090 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

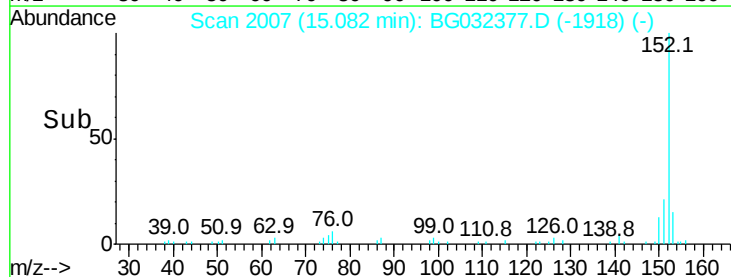
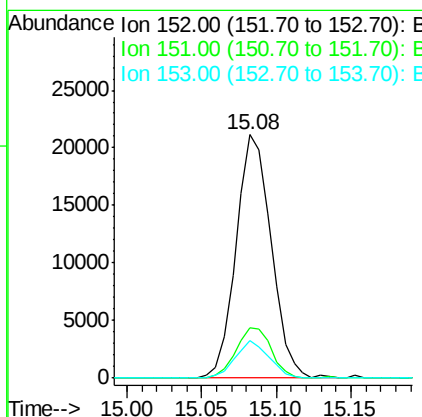
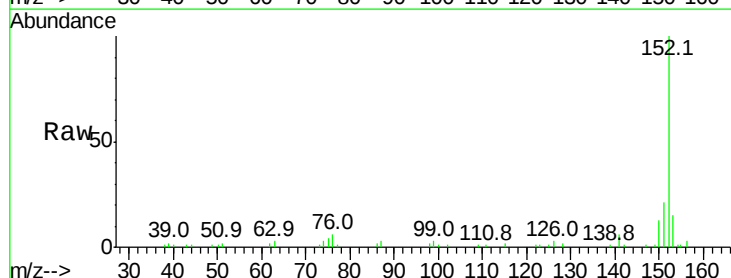
Instrument :
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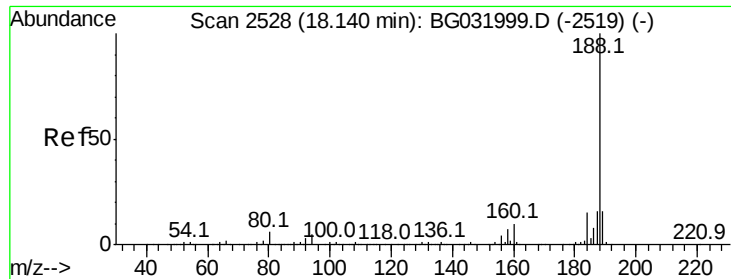
Tot Ion:172 Resp: 651878
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 23.7 19.5 29.3



#48
Acenaphthylene
Concen: 4.124 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

Tgt Ion:152 Resp: 34513
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 15.4 10.2 15.4#

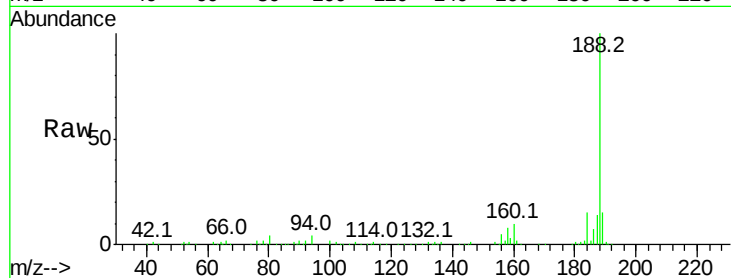




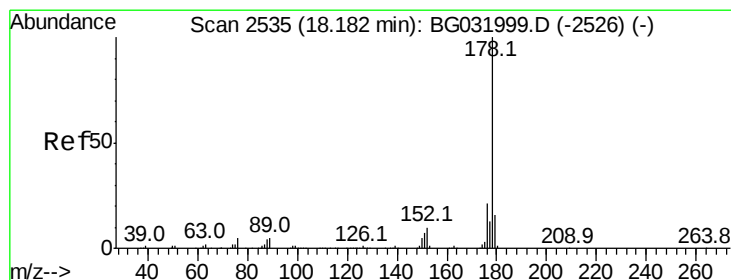
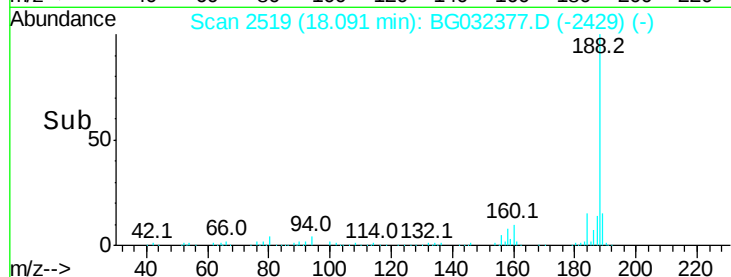
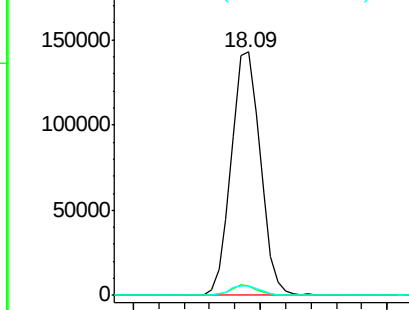
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

Instrument :
BNA_G
ClientSampleId :
M3-LEFT-RIGHT

Tot Ion:188 Resp: 227219
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 3.9 7.7 11.5#

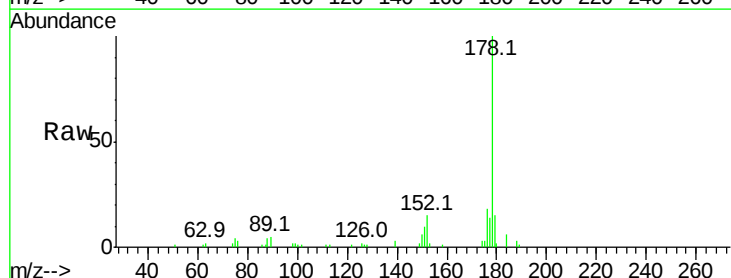


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

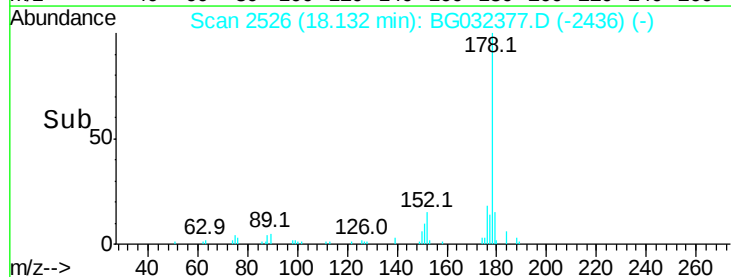
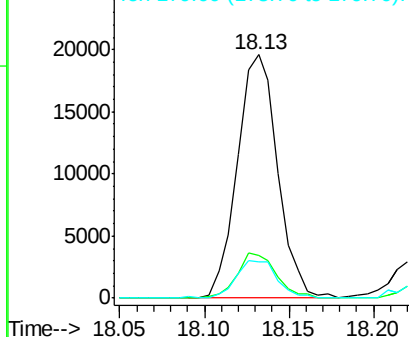


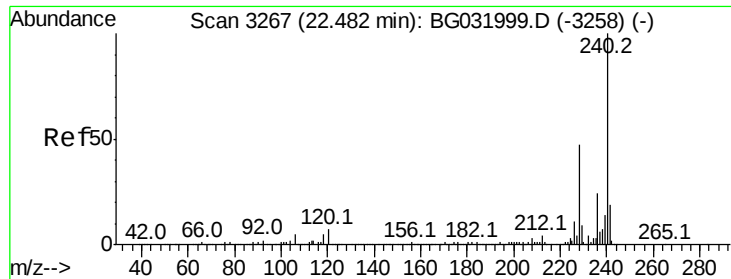
#70
Phenanthrene
Concen: 2.575 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG032377.D
Acq: 28 Jan 2018 4:59

Tgt Ion:178 Resp: 32572
Ion Ratio Lower Upper
178 100
176 17.7 15.7 23.5
179 14.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

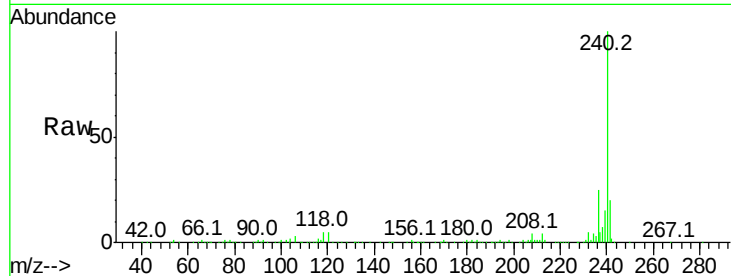
Tot Ion:240 Resp: 313729

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

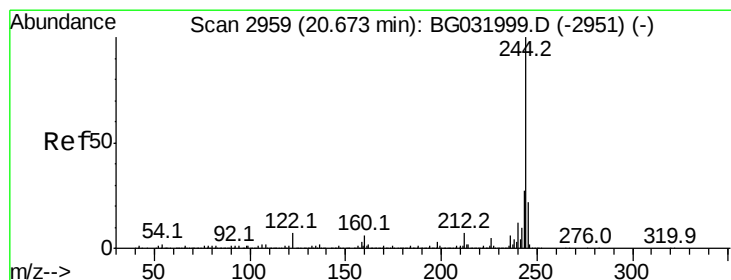
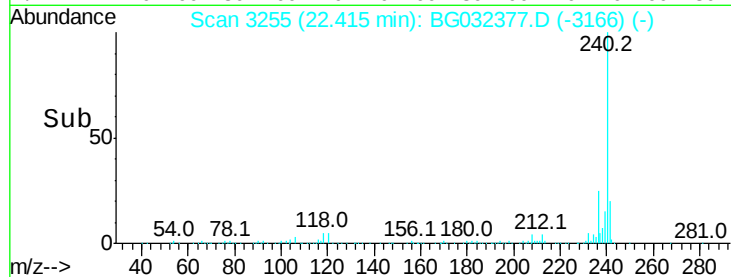
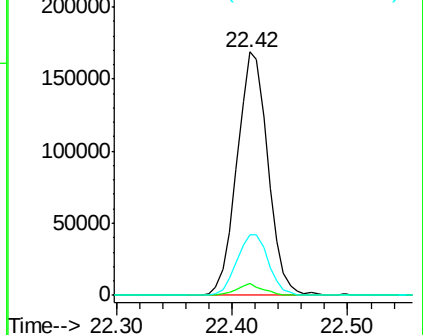
236 24.7 20.9 31.3



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: 99.878 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032377.D

Acq: 28 Jan 2018 4:59

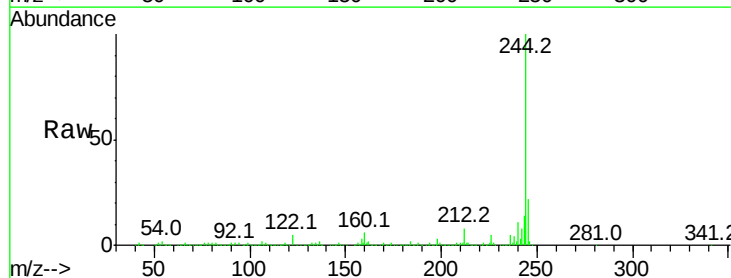
Tgt Ion:244 Resp: 1419118

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

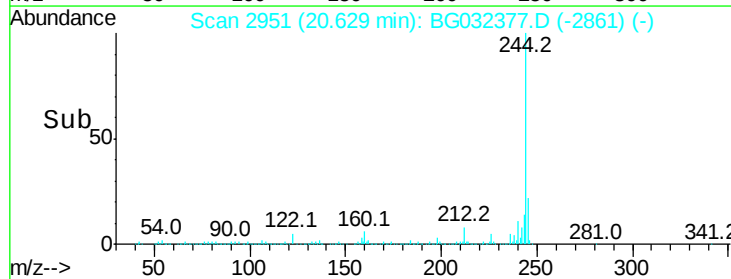
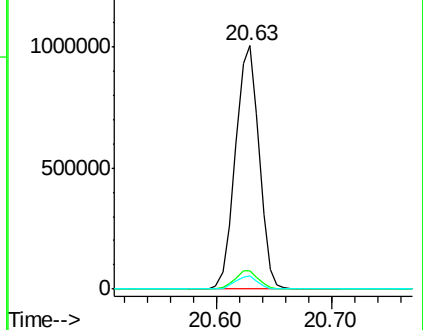
122 5.2 7.0 10.4#

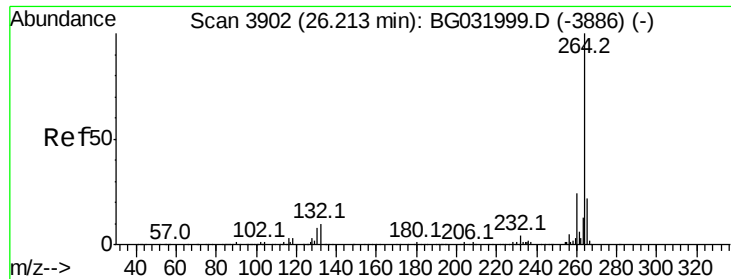


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

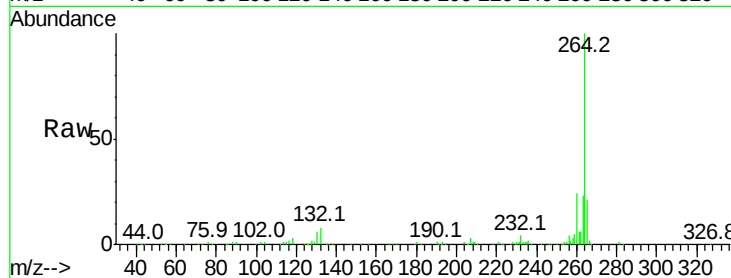




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032377.D
 Acq: 28 Jan 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 M3-LEFT-RIGHT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.1	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

