

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032462.D
 Acq On : 31 Jan 2018 12:58
 Operator : SJ/JU
 Sample : J1311-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19505-7

Quant Time: Jan 31 14:57:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	33163	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	125773	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	60387	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	220008	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	239612	20.00	ng	-0.01
86) Perylene-d12	26.08	264	33740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	229340	138.90	ng	0.00
7) Phenol-d6	7.84	99	225206	102.22	ng	0.00
23) Nitrobenzene-d5	9.92	82	195907	97.29	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	249521	217.08	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	686767	135.17	ng	-0.01
78) Terphenyl-d14	20.61	244	1327506	118.68	ng	-0.01

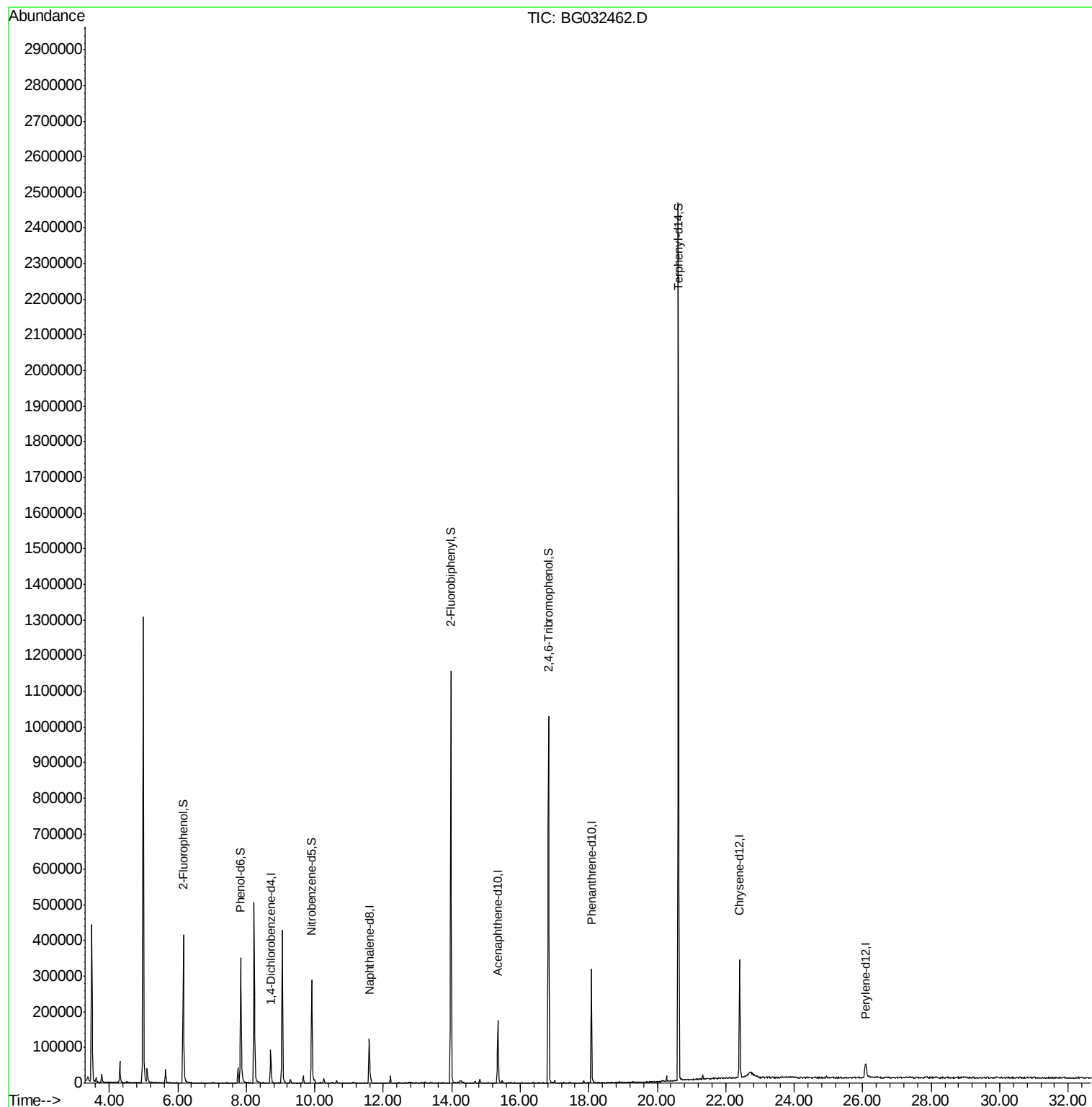
Target Compounds Qvalue

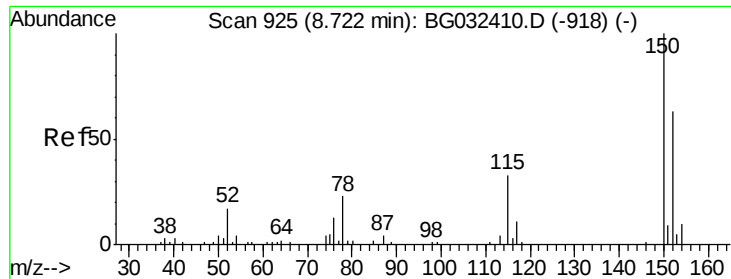
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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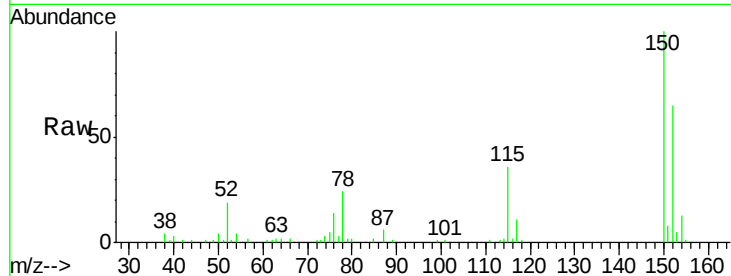


#1

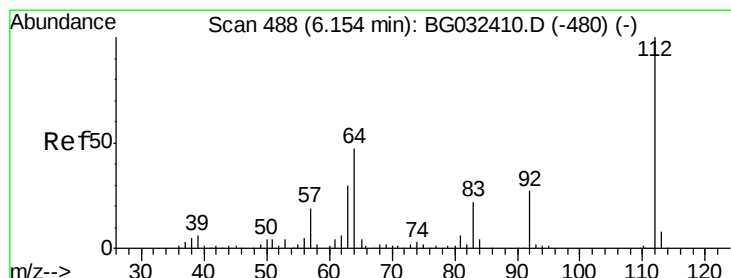
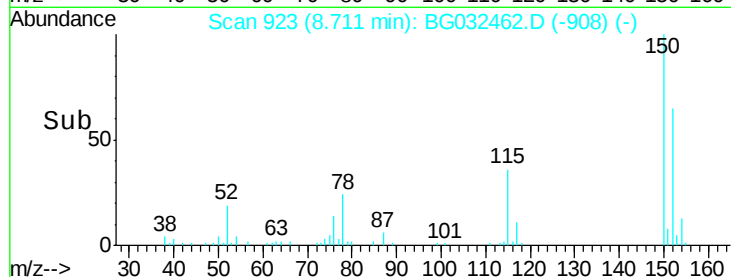
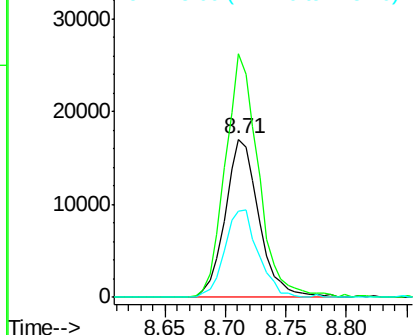
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :
19505-7

Tot Ion:152 Resp: 33163
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 54.8 53.0 79.4



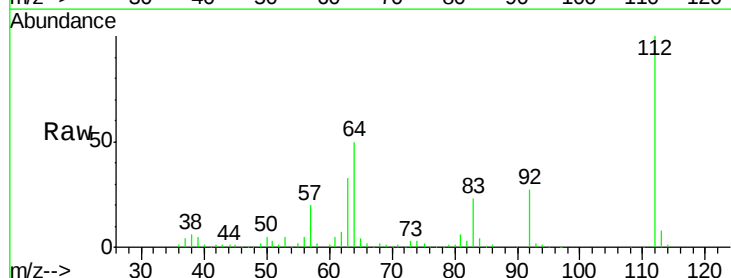
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



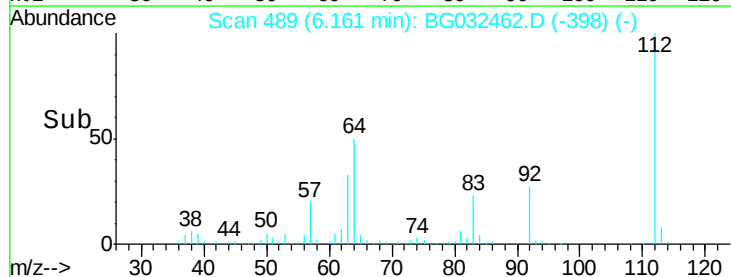
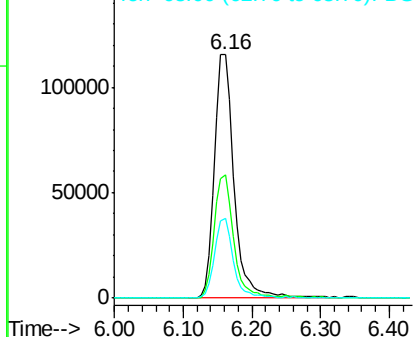
#5

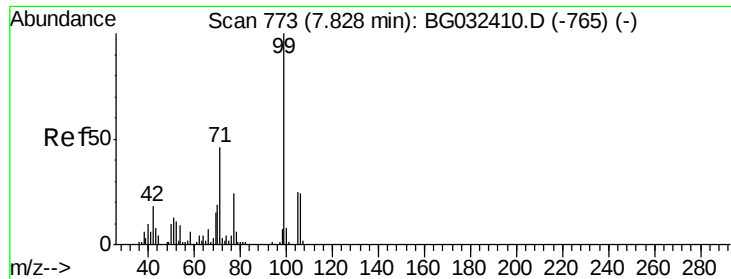
2-Fluorophenol
Concen: 138.903 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Tgt Ion:112 Resp: 229340
Ion Ratio Lower Upper
112 100
64 50.4 56.3 84.5#
63 32.8 30.1 45.1



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





#7

Phenol-d6

Concen: 102.216 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

19505-7

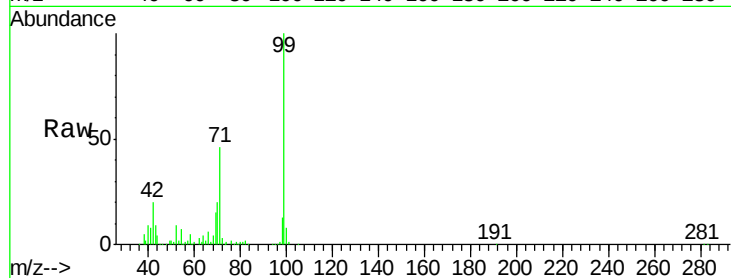
Tot Ion: 99 Resp: 225206

Ion Ratio Lower Upper

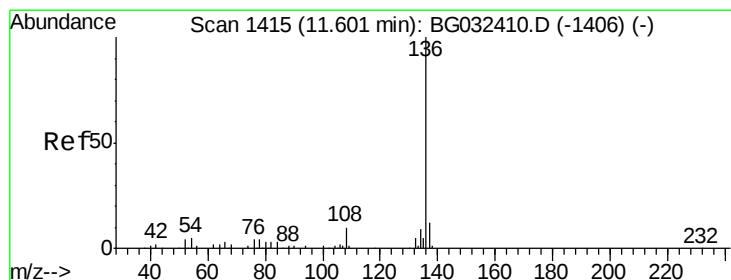
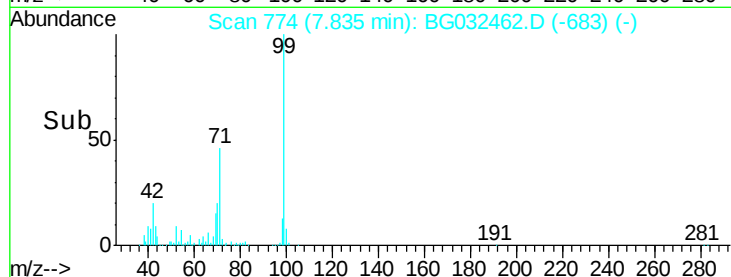
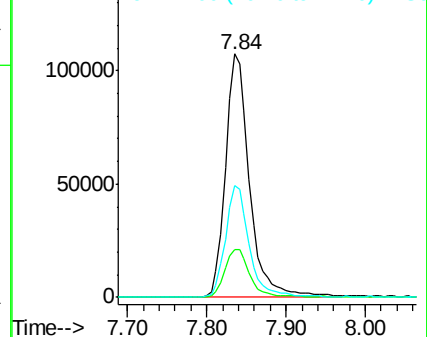
99 100

42 19.7 14.1 21.1

71 46.1 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Tgt Ion: 136 Resp: 125773

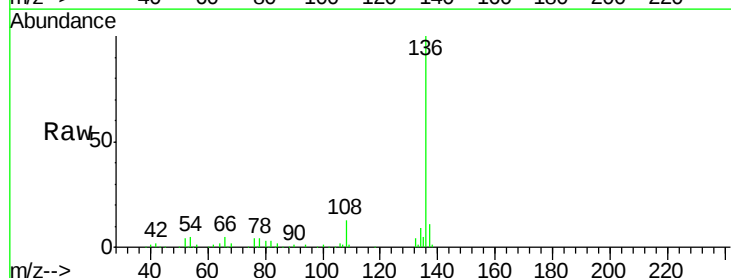
Ion Ratio Lower Upper

136 100

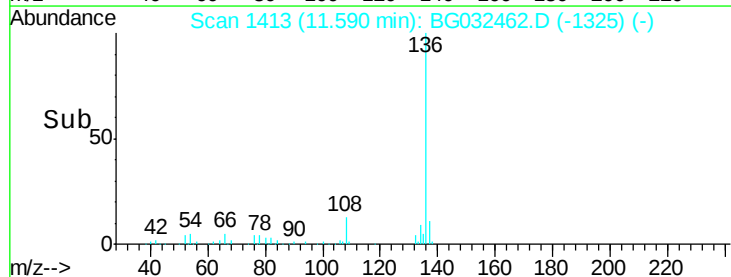
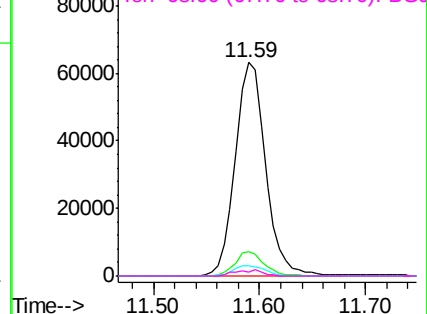
137 11.4 9.2 13.8

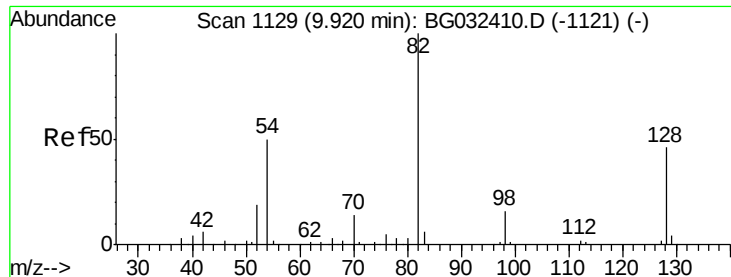
54 4.5 10.3 15.5#

68 1.9 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

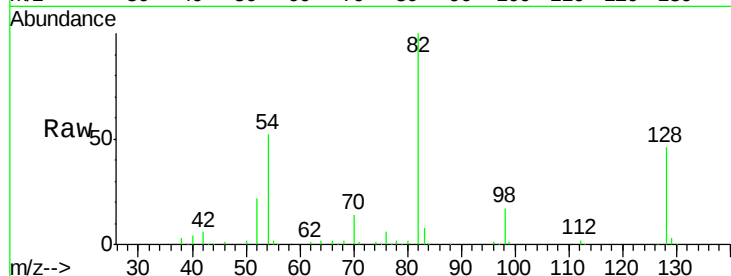




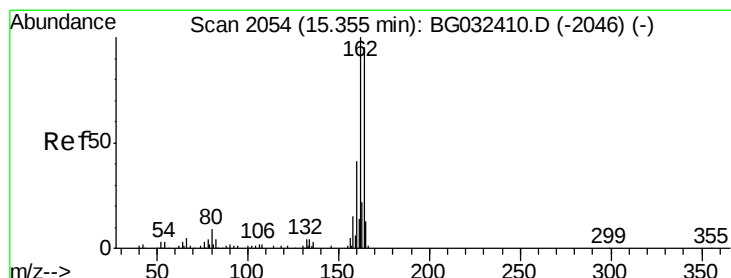
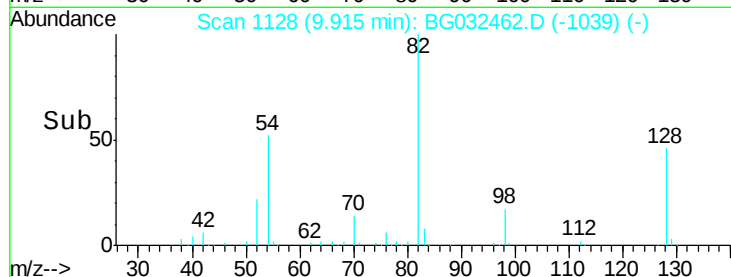
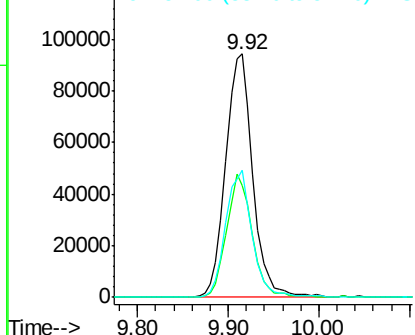
#23
 Nitrobenzene-d5
 Concen: 97.290 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Instrument :
 BNA_G
 ClientSampleId :
 19505-7

Tot Ion: 82 Resp: 195907
 Ion Ratio Lower Upper
 82 100
 128 46.1 29.7 44.5#
 54 52.0 43.1 64.7

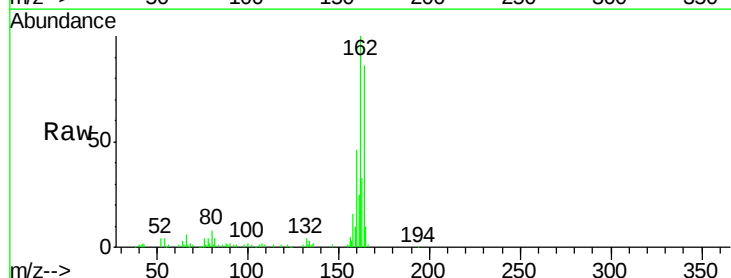


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

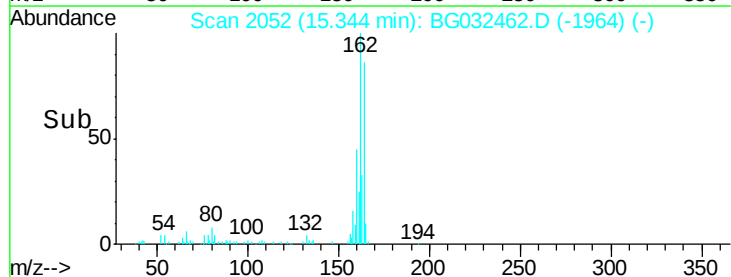
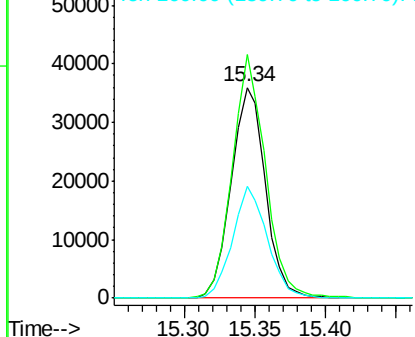


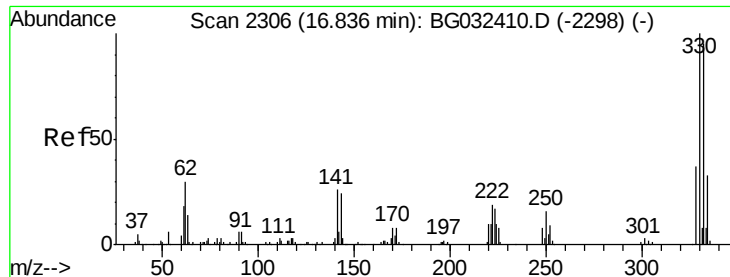
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Tgt Ion:164 Resp: 60387
 Ion Ratio Lower Upper
 164 100
 162 115.7 78.8 118.2
 160 52.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

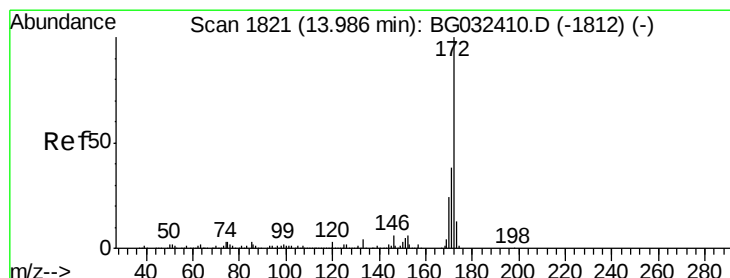
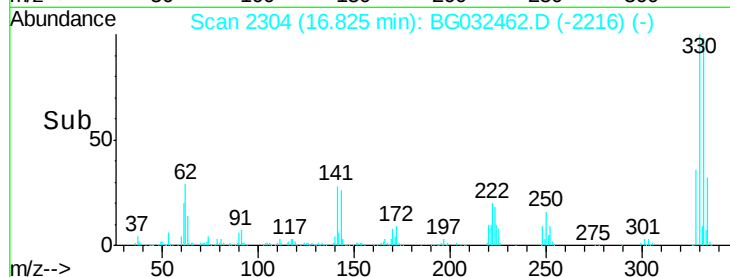
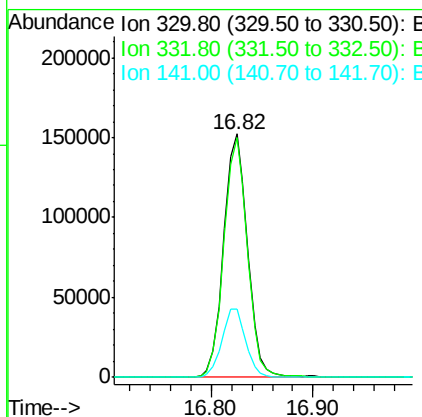
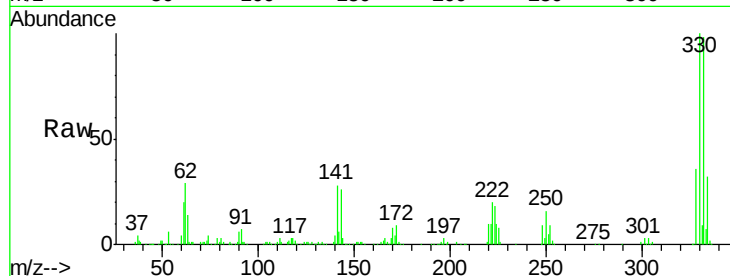




#41
 2,4,6-Tribromophenol
 Concen: 217.075 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

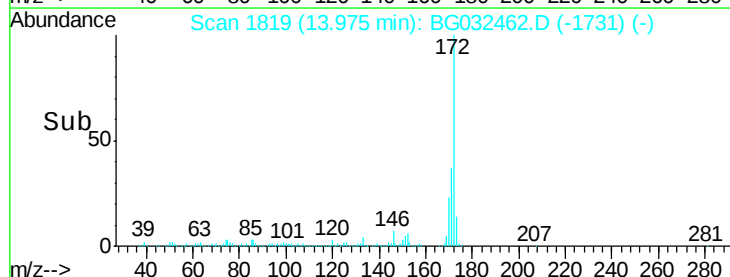
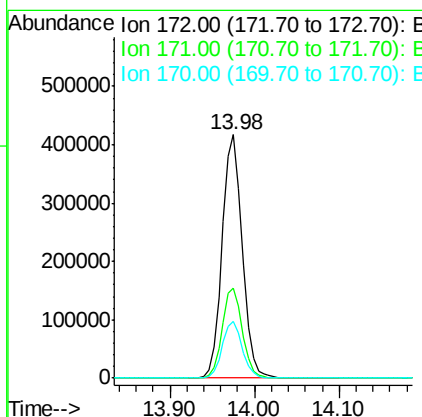
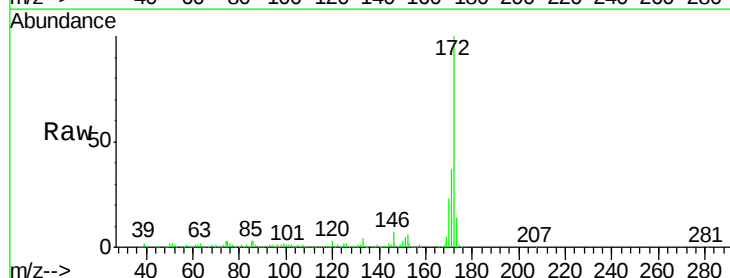
Instrument :
 BNA_G
 ClientSampleId :
 19505-7

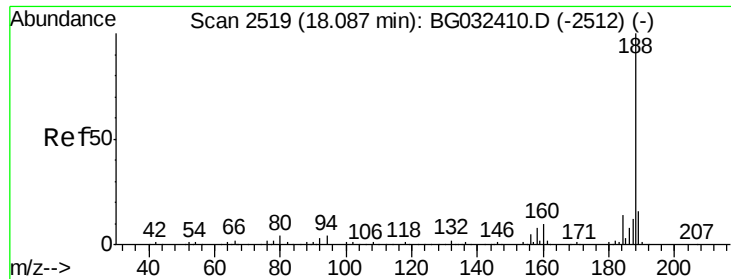
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 135.173 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.2	19.5	29.3

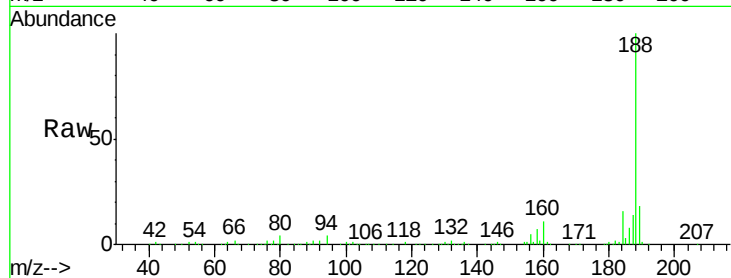




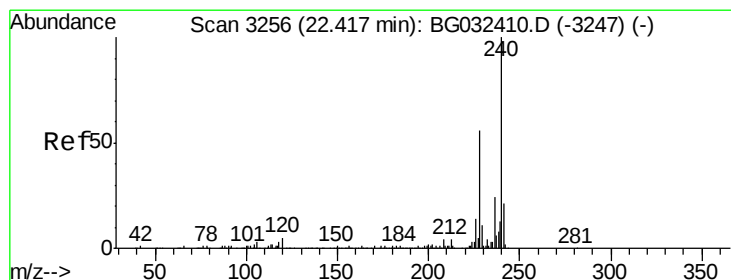
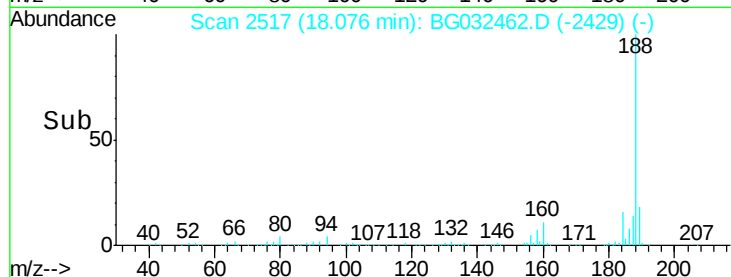
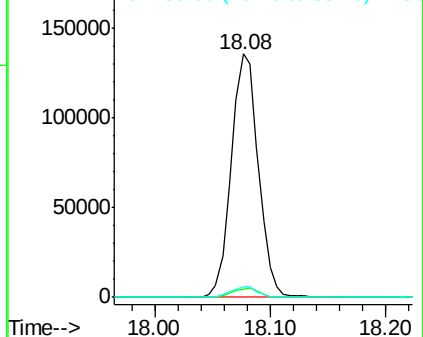
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :
19505-7

Tot Ion:188 Resp: 220008
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 4.2 7.7 11.5#

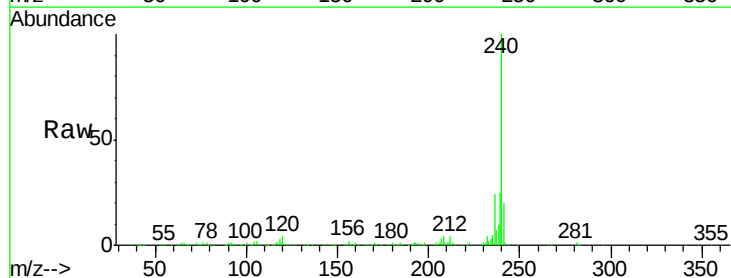


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

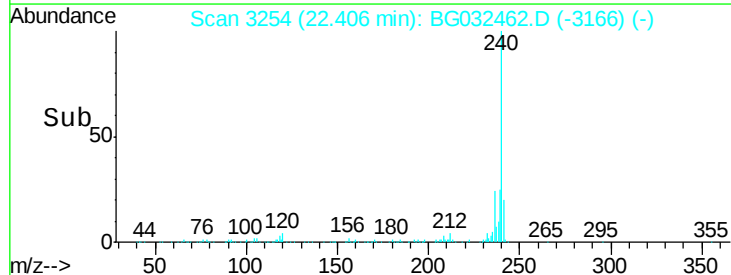
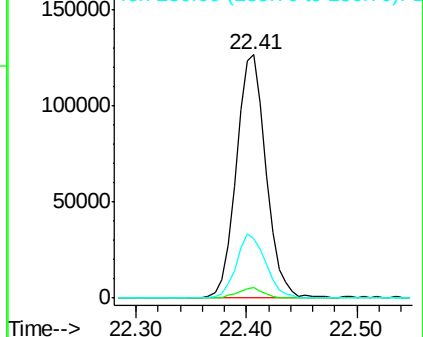


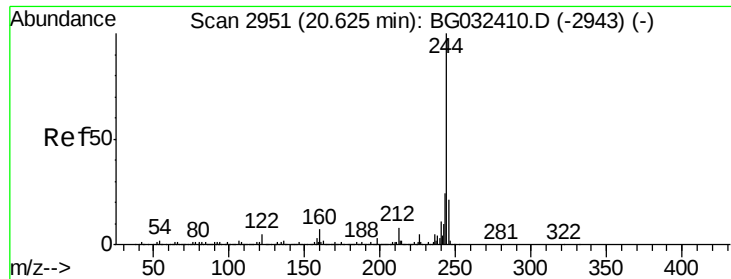
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Tgt Ion:240 Resp: 239612
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 24.4 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: 118.676 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

19505-7

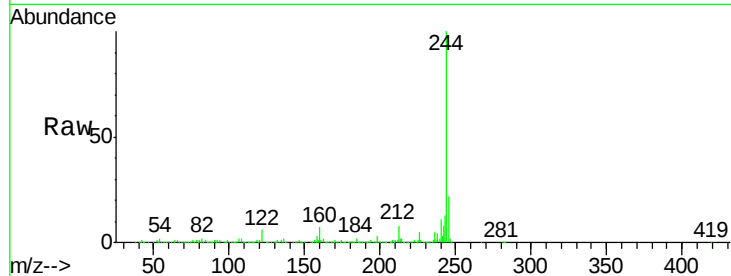
Tot Ion:244 Resp: 1327506

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

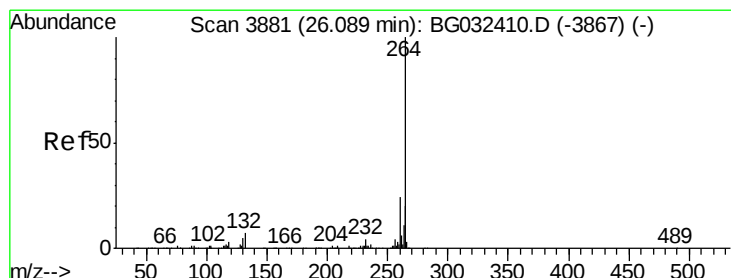
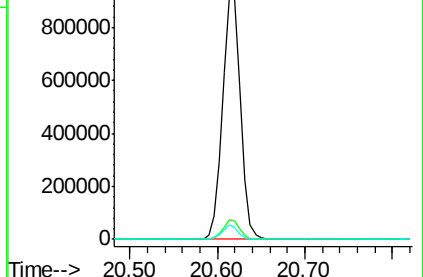
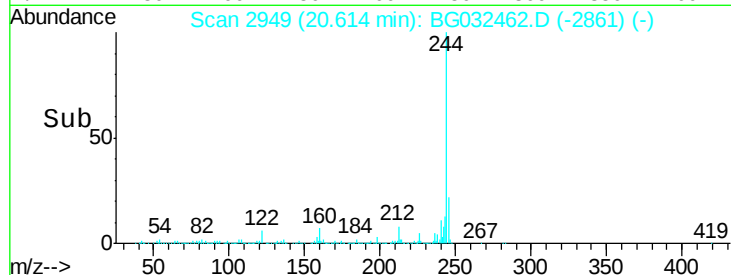
122 5.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

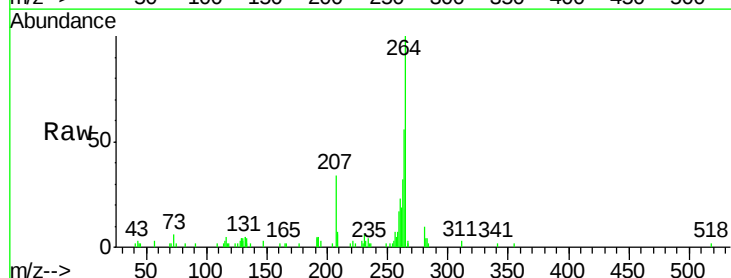
Tgt Ion:264 Resp: 33740

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 18.4 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

