

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032494.D
 Acq On : 1 Feb 2018 17:51
 Operator : SJ/JU
 Sample : J1410-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11935

Quant Time: Feb 02 02:54:56 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	28737	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	114732	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	80032	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	202595	20.00	ng	0.00
75) Chrysene-d12	22.41	240	262688	20.00	ng	-0.01
86) Perylene-d12	26.08	264	285479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	182333	127.44	ng	0.00
7) Phenol-d6	7.83	99	208524	109.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	157789	85.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	205123	134.65	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	579947	86.13	ng	-0.01
78) Terphenyl-d14	20.62	244	1084479	88.43	ng	0.00

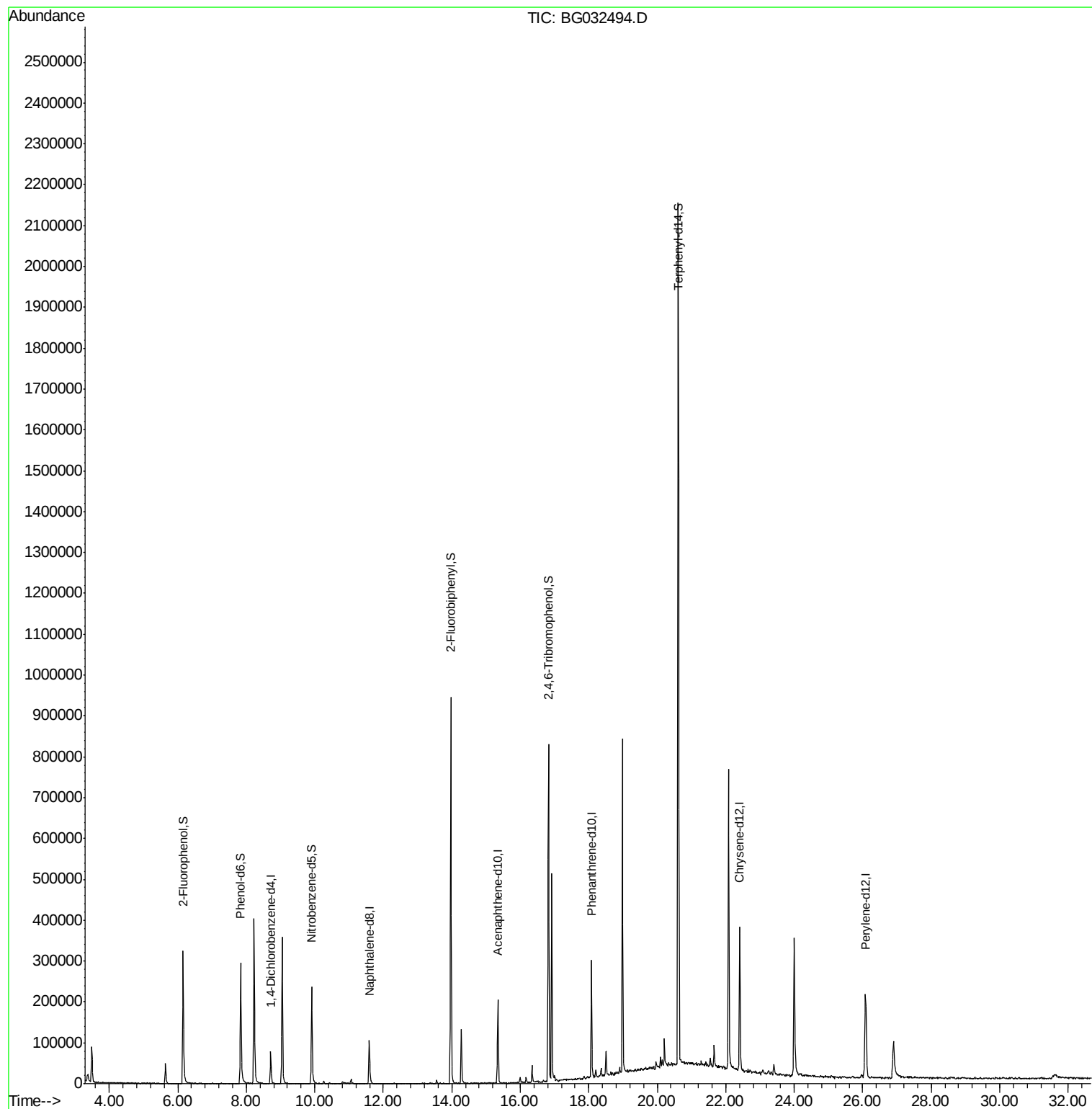
Target Compounds Qvalue

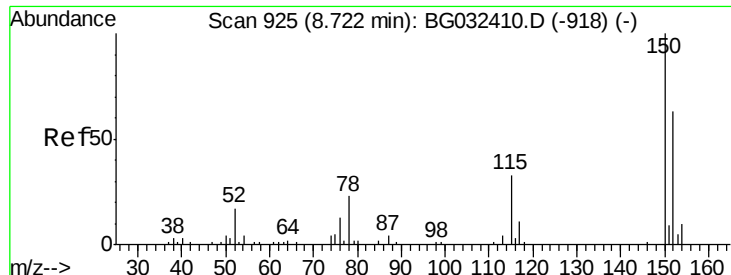
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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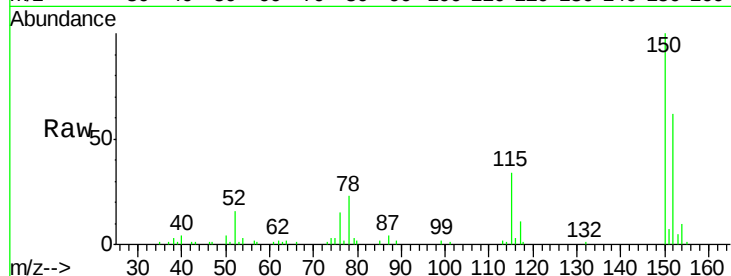


#1

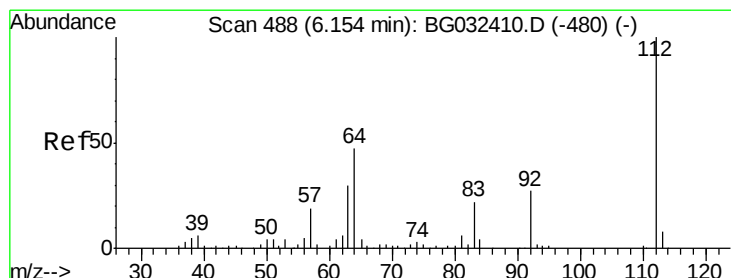
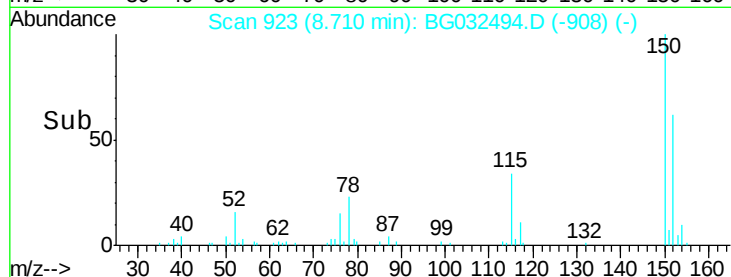
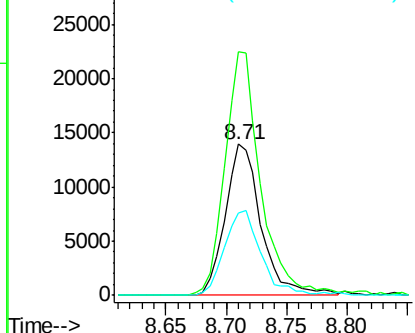
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Instrument :
BNA_G
ClientSampleId :
72-11935

Tot Ion:152 Resp: 28737
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 54.2 53.0 79.4



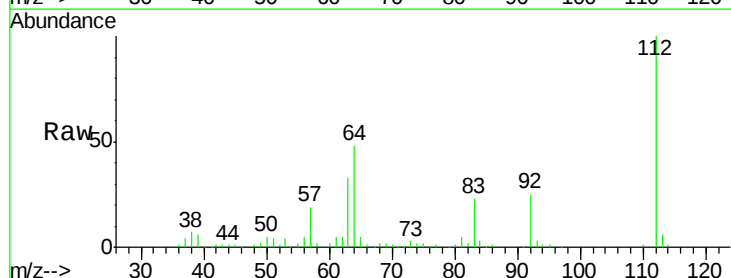
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



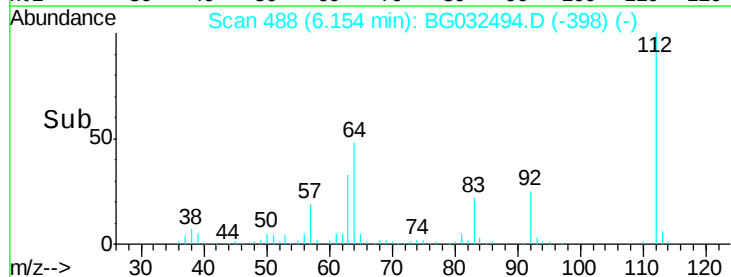
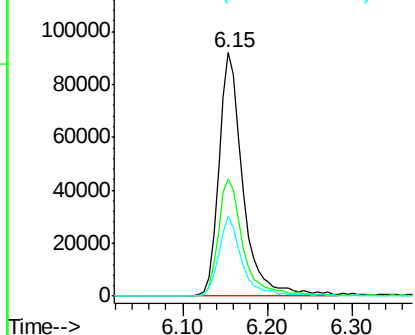
#5

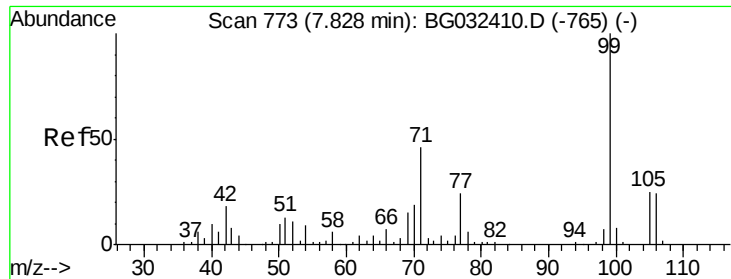
2-Fluorophenol
Concen: 127.441 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion:112 Resp: 182333
Ion Ratio Lower Upper
112 100
64 47.9 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: 109.221 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

Instrument :

BNA_G

ClientSampleId :

72-11935

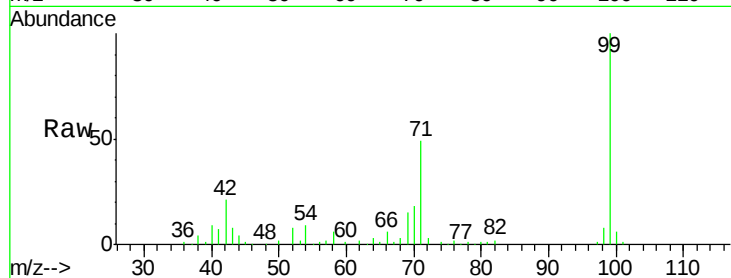
Tot Ion: 99 Resp: 208524

Ion Ratio Lower Upper

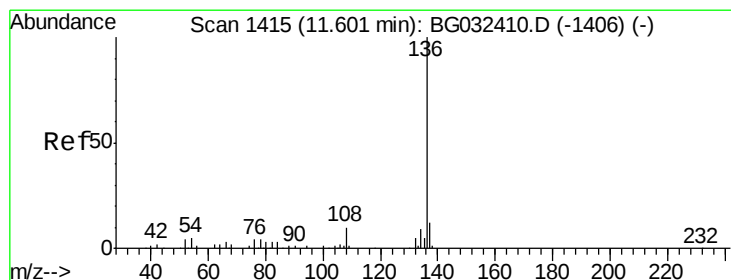
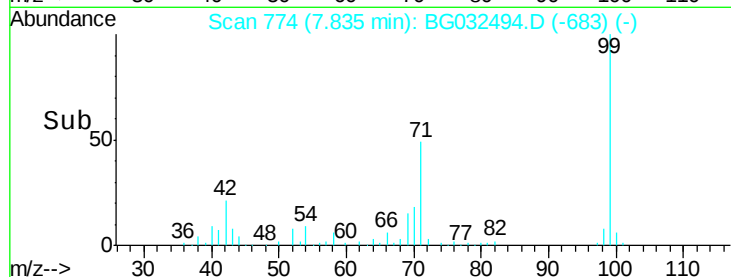
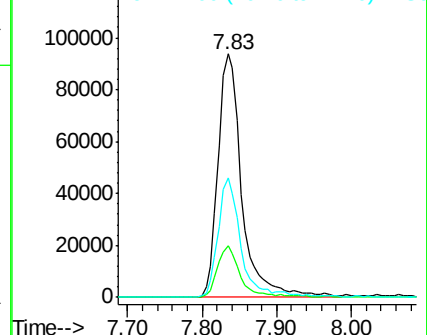
99 100

42 21.0 14.1 21.1

71 49.0 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: BG032494.D

Acq: 1 Feb 2018 17:51

Tgt Ion: 136 Resp: 114732

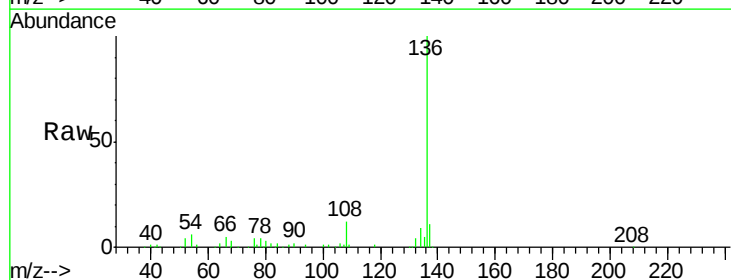
Ion Ratio Lower Upper

136 100

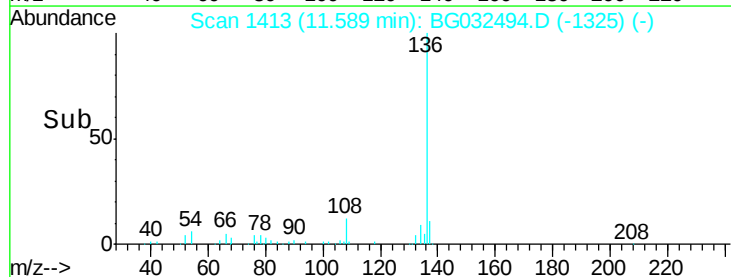
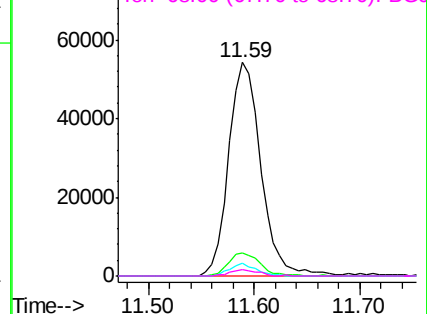
137 10.9 9.2 13.8

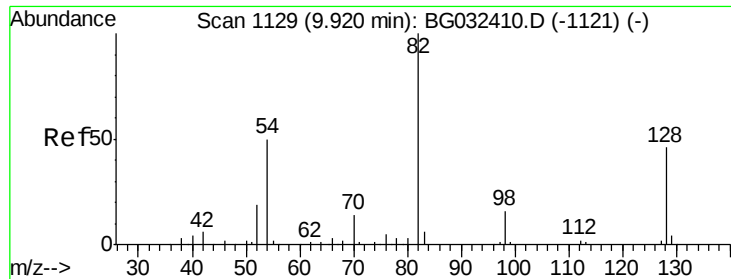
54 5.9 10.3 15.5#

68 3.0 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

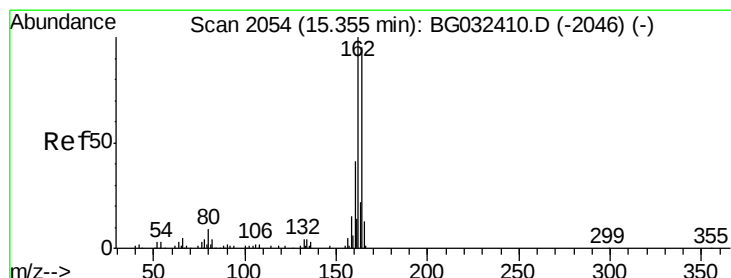
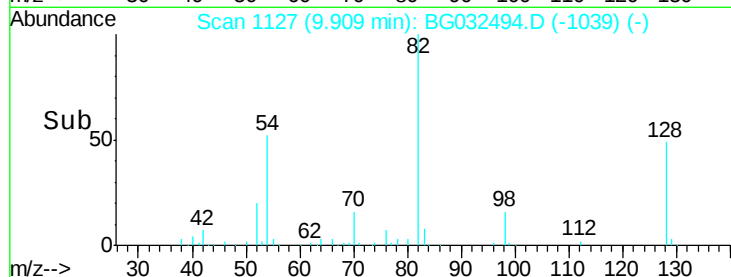
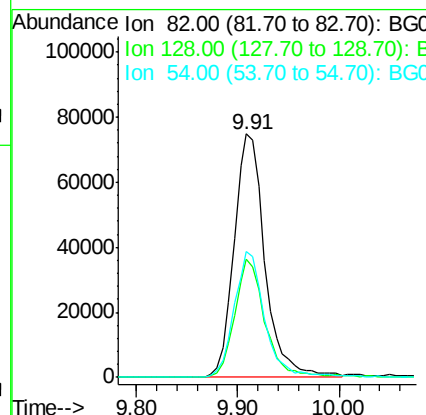
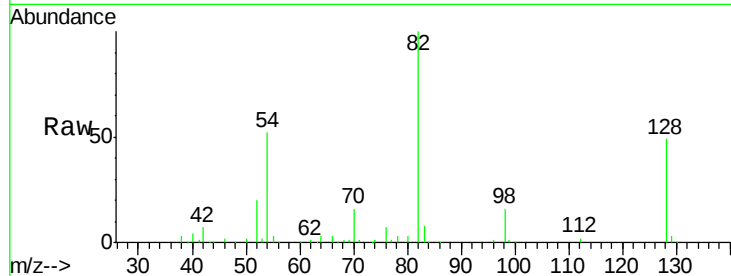




#23
 Nitrobenzene-d5
 Concen: 85.901 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

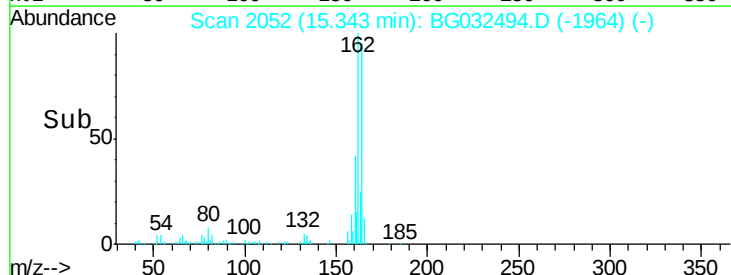
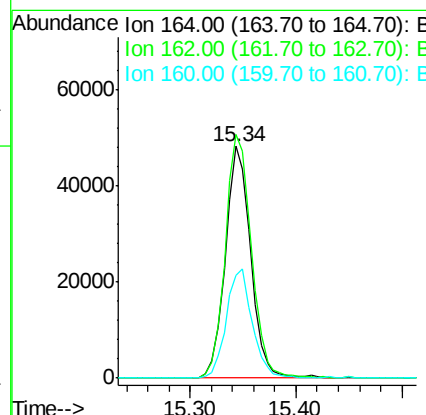
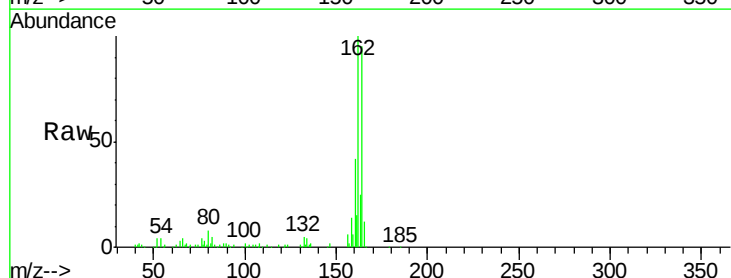
Instrument :
 BNA_G
 ClientSampleId :
 72-11935

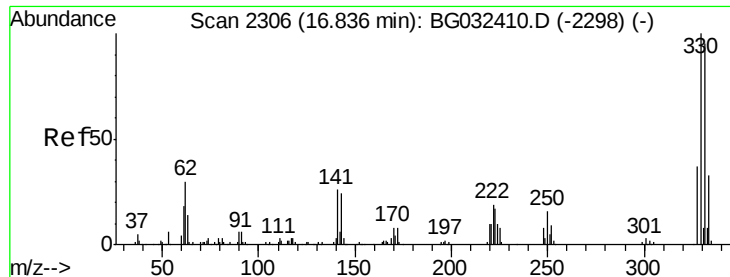
Tot Ion: 82 Resp: 157789
 Ion Ratio Lower Upper
 82 100
 128 48.6 29.7 44.5#
 54 51.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

Tgt Ion:164 Resp: 80032
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 44.1 35.4 53.0

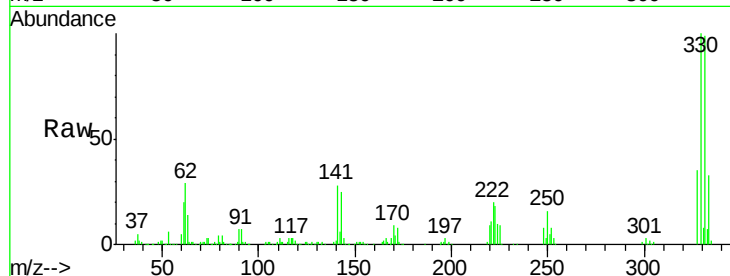




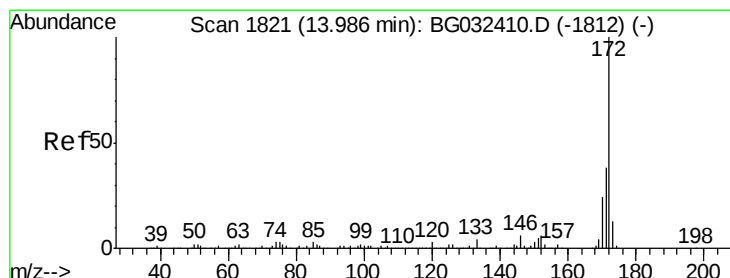
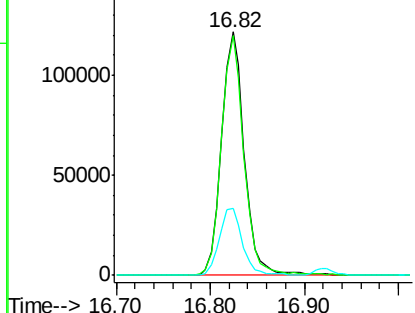
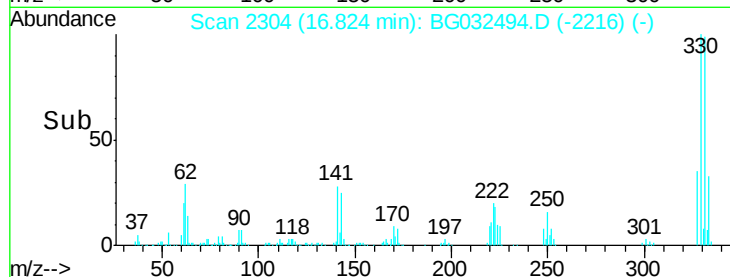
#41
 2,4,6-Tribromophenol
 Concen: 134.647 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

Instrument :
 BNA_G
 ClientSampleId :
 72-11935

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	28.1	25.2	37.8

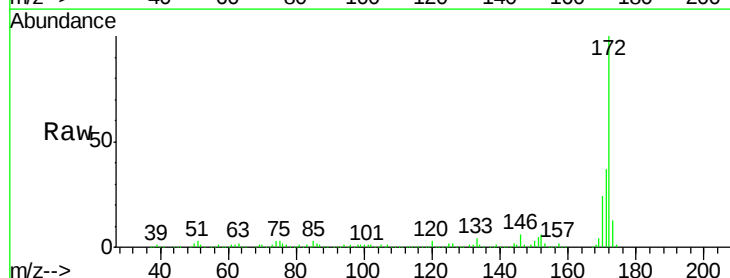


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

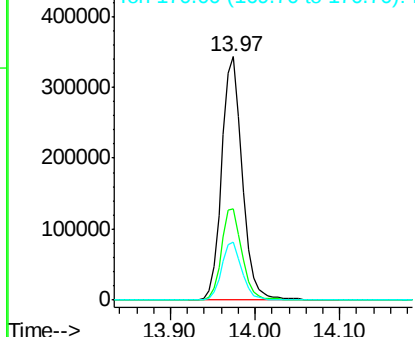
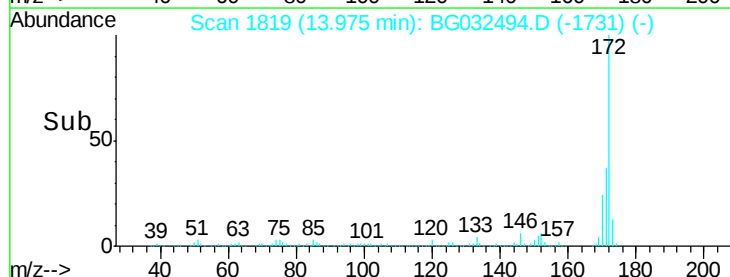


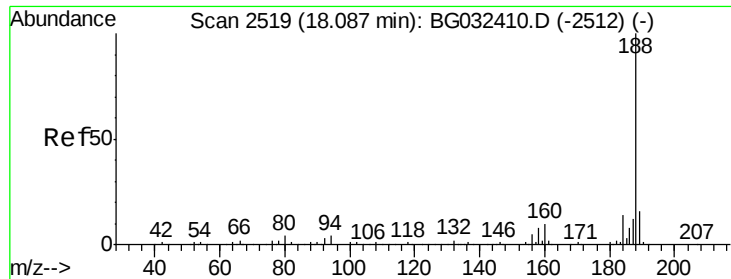
#44
 2-Fluorobiphenyl
 Concen: 86.129 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.8	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

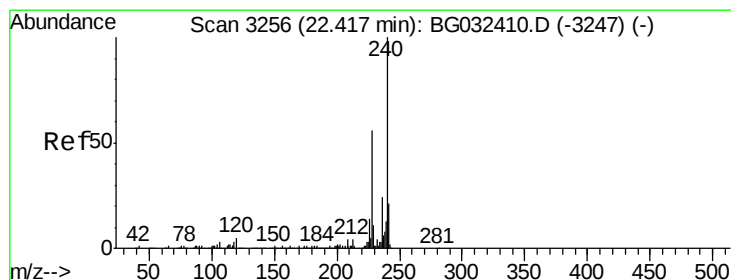
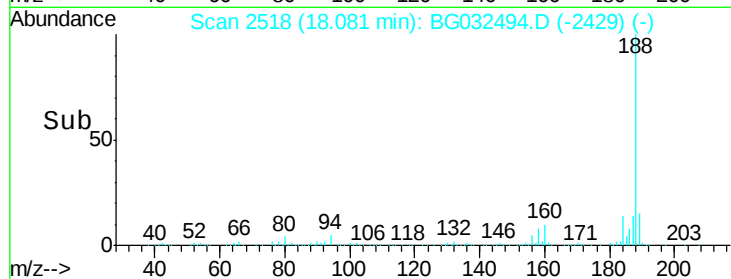
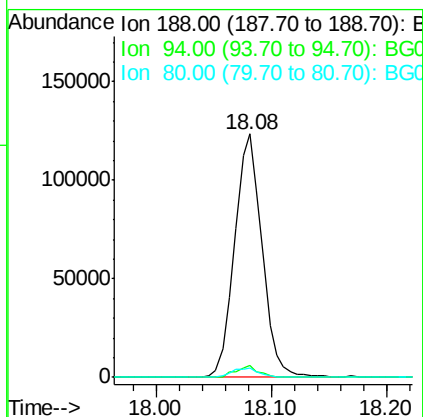
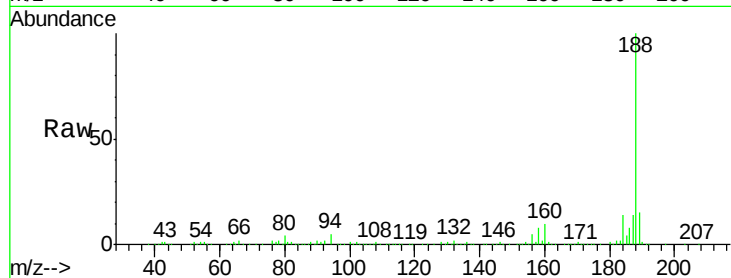




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

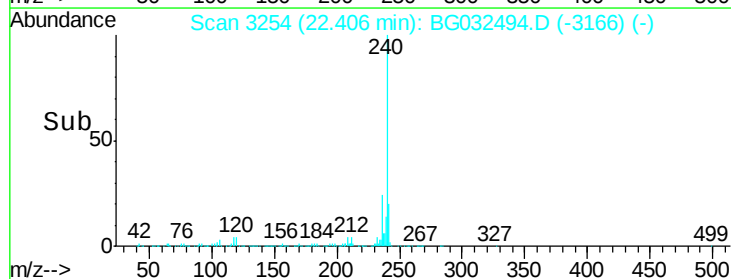
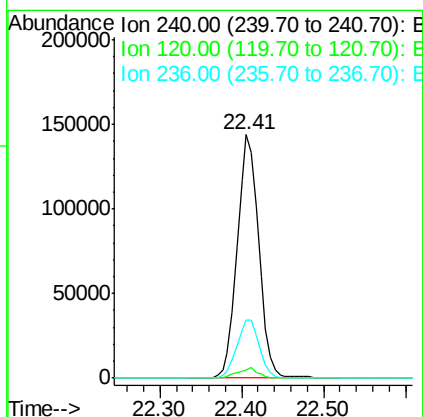
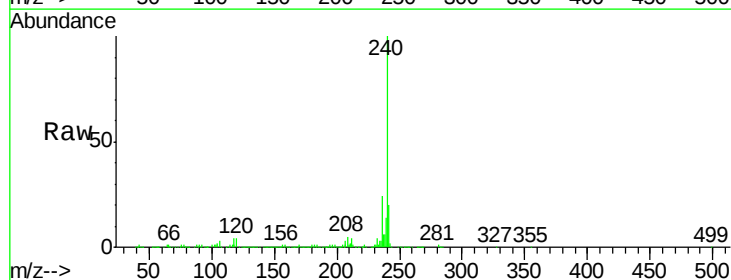
Instrument :
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72-11935

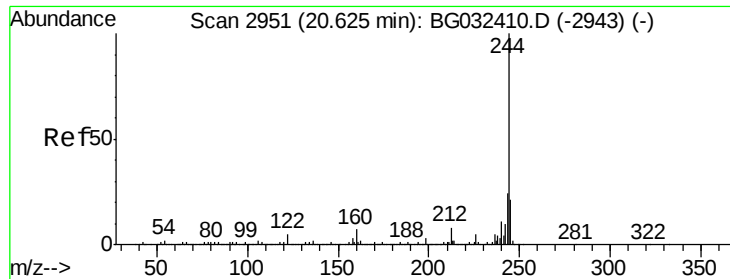
Tot Ion:188 Resp: 202595
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion:240 Resp: 262688
Ion Ratio Lower Upper
240 100
120 3.5 6.8 10.2#
236 24.1 20.9 31.3





#78

Terphenyl-d14

Concen: 88.434 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

Instrument :

BNA_G

ClientSampleId :

72-11935

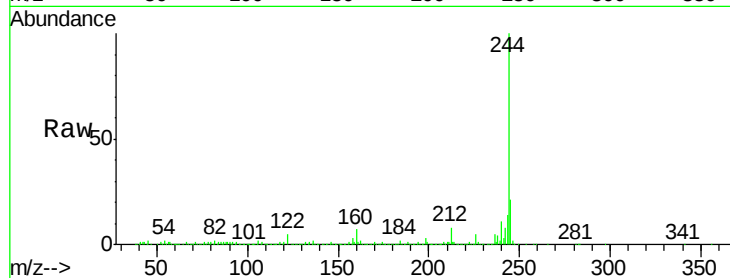
Tot Ion:244 Resp: 1084479

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

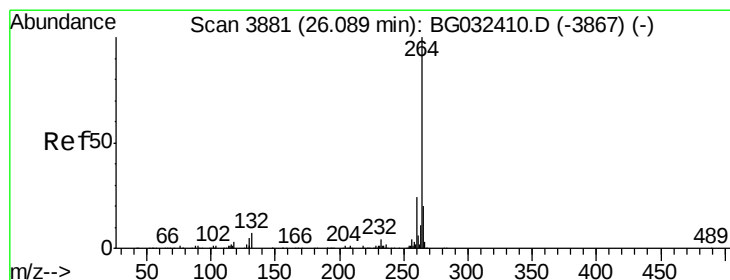
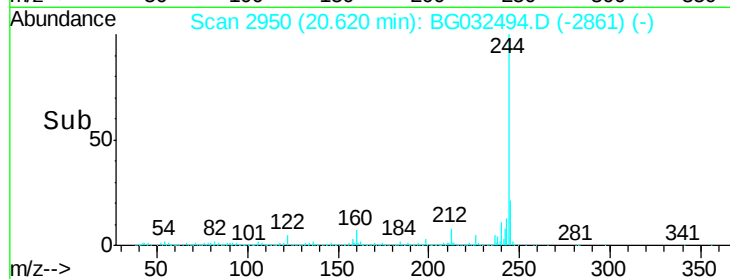
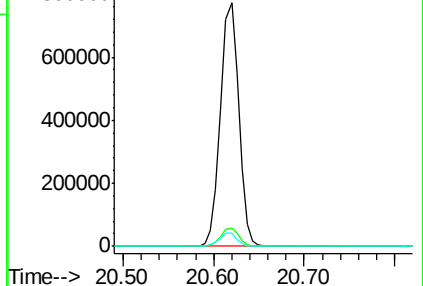
122 5.2 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

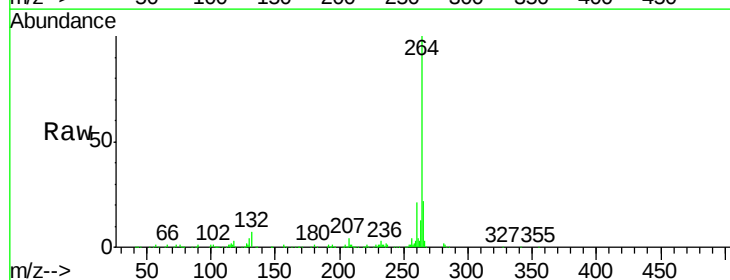
Tgt Ion:264 Resp: 285479

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 22.5 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

