

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035479.D
 Acq On : 28 Jun 2018 13:41
 Operator : JU/SJ
 Sample : J3247-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062618

Quant Time: Jun 28 15:33:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47355	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	172156	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	122761	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	321719	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	348433	20.00	ng	-0.04
86) Perylene-d12	24.91	264	301394	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	392894	140.02	ng	-0.01
7) Phenol-d6	7.22	99	516183	124.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	416349	114.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	215453	137.10	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	940612	99.61	ng	-0.03
78) Terphenyl-d14	20.02	244	1645669	98.93	ng	-0.02

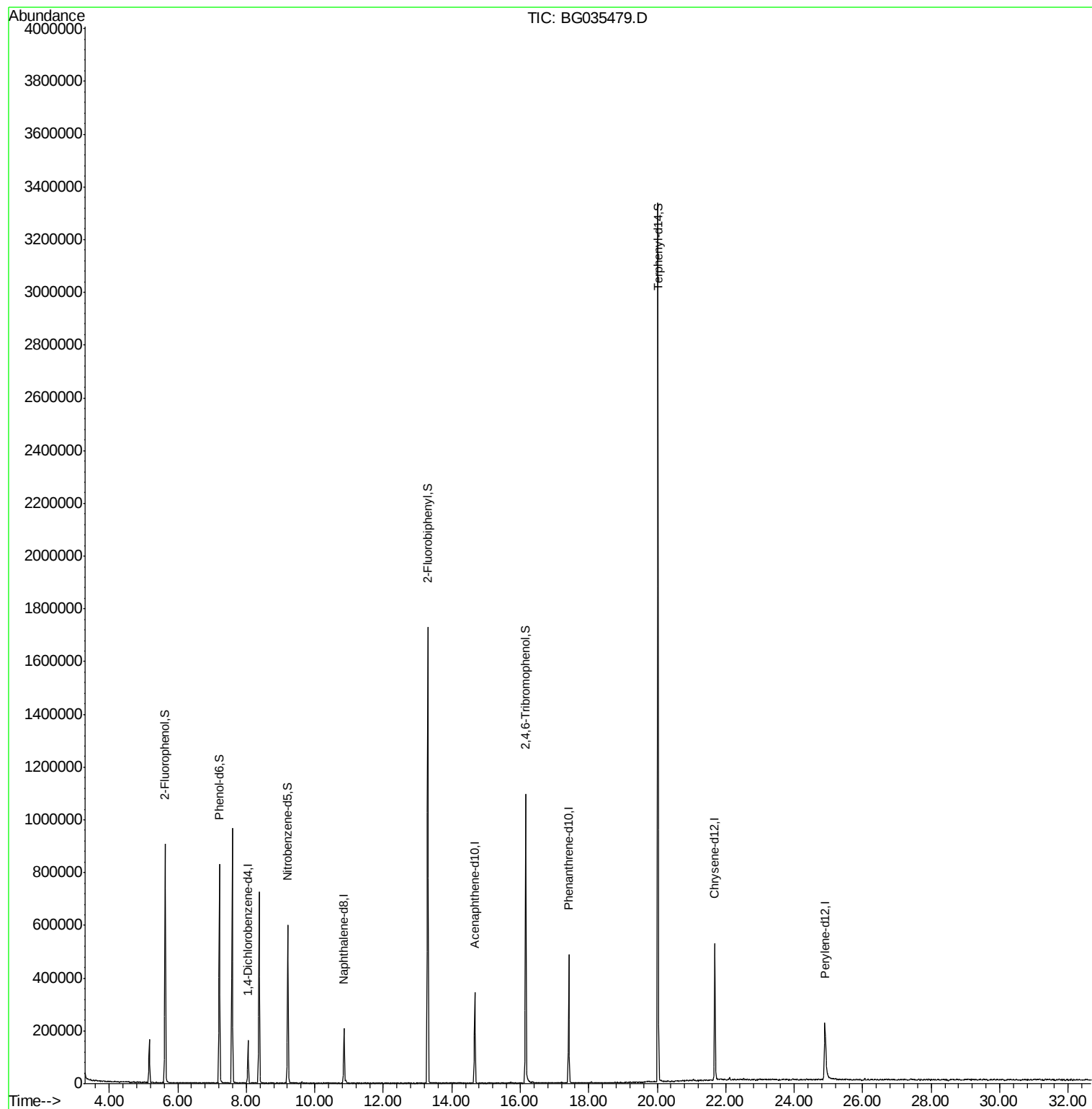
Target Compounds Qvalue

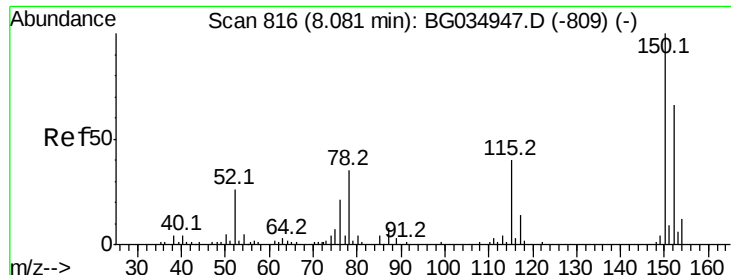
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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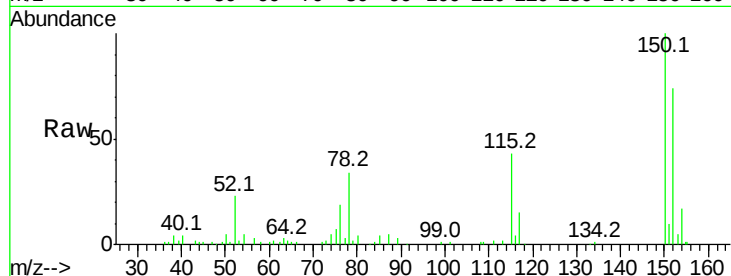


#1

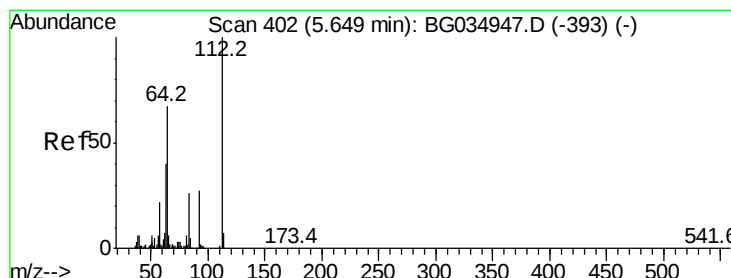
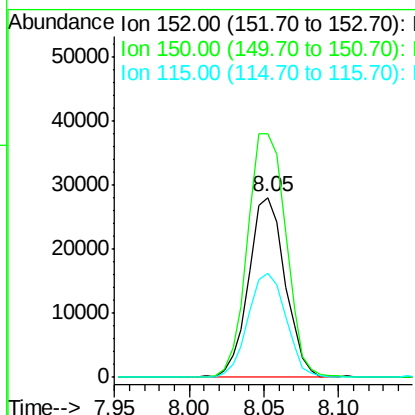
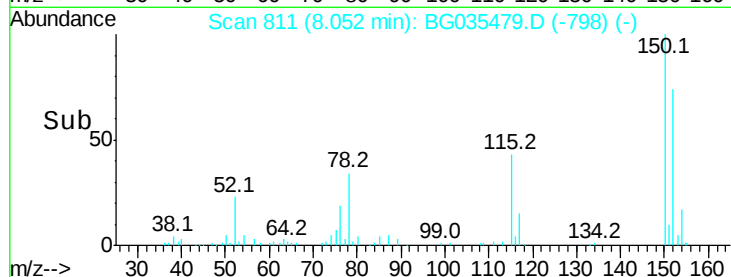
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062618

Tot Ion:152 Resp: 47355
 Ion Ratio Lower Upper
 152 100
 150 135.5 126.6 189.8
 115 58.1 53.0 79.4



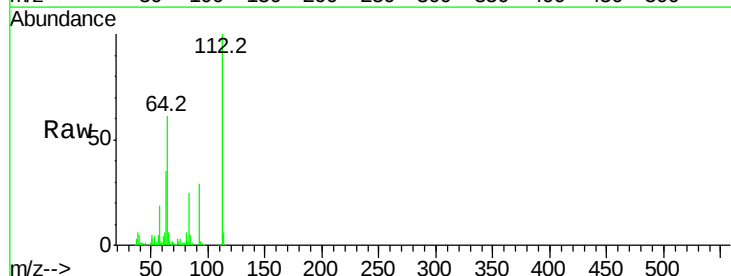
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



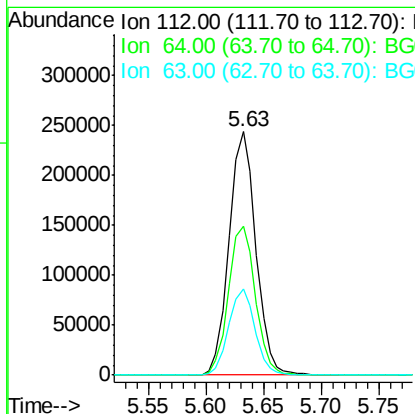
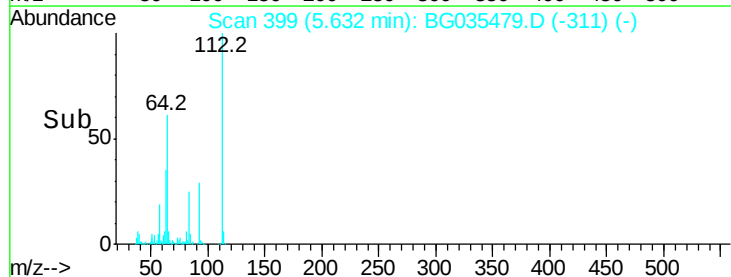
#5

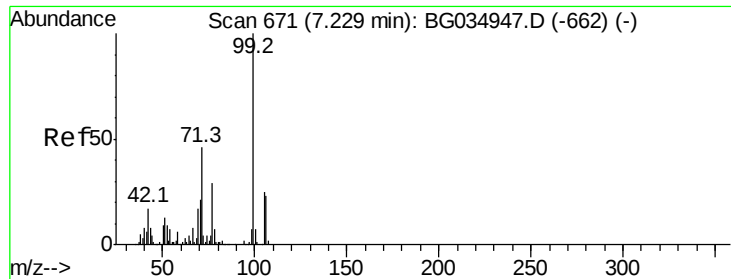
2-Fluorophenol
 Concen: 140.017 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

Tgt Ion:112 Resp: 392894
 Ion Ratio Lower Upper
 112 100
 64 61.3 56.3 84.5
 63 35.2 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: 124.635 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

Instrument :

BNA_G

ClientSampleId :

OR-02-062618

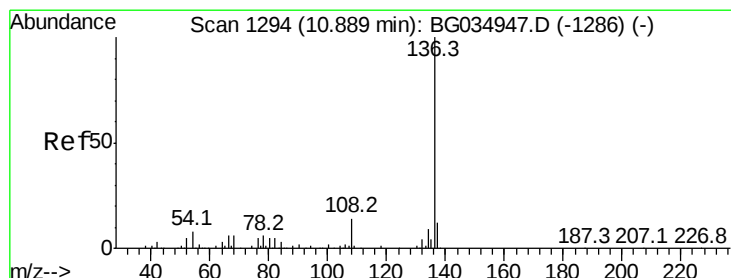
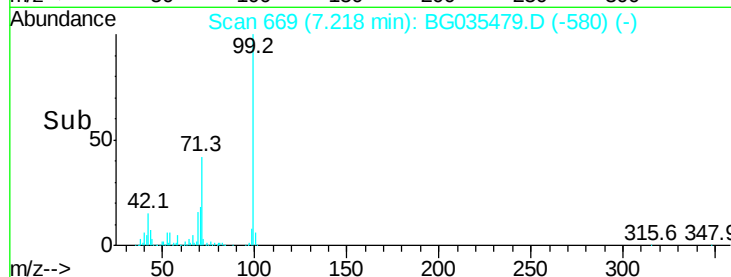
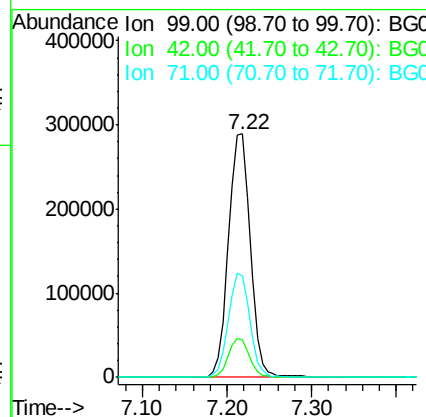
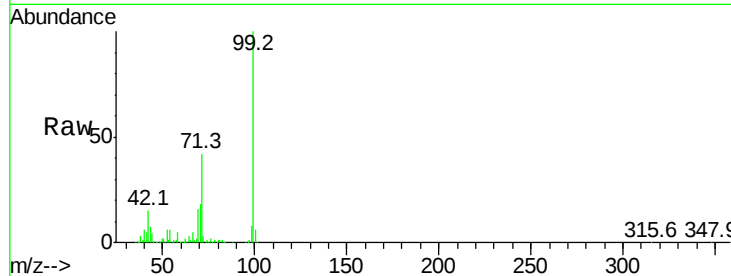
Tot Ion: 99 Resp: 516183

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

Tgt Ion: 136 Resp: 172156

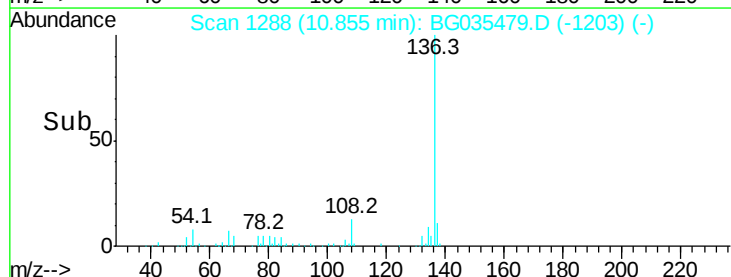
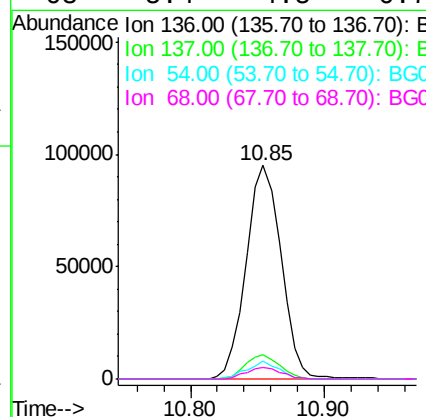
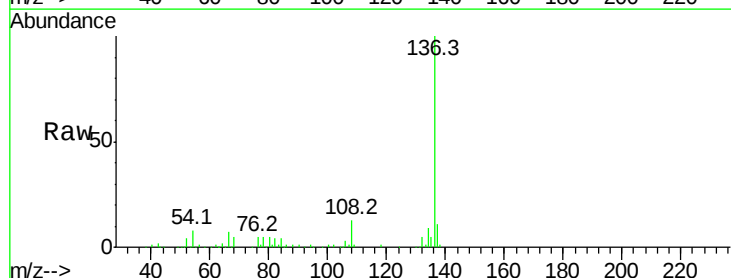
Ion Ratio Lower Upper

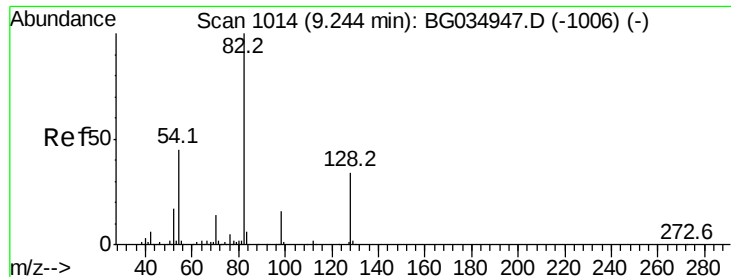
136 100

137 11.2 9.2 13.8

54 8.2 10.3 15.5#

68 5.4 4.5 6.7

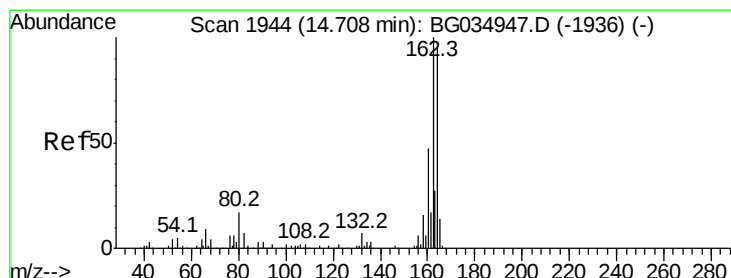
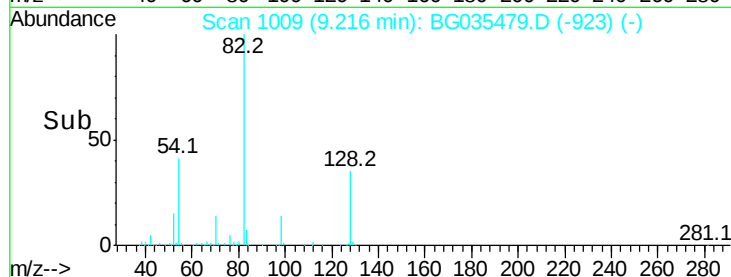
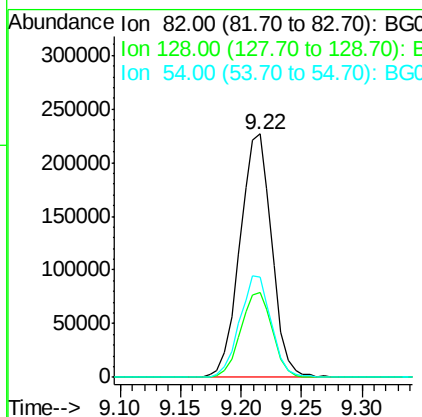
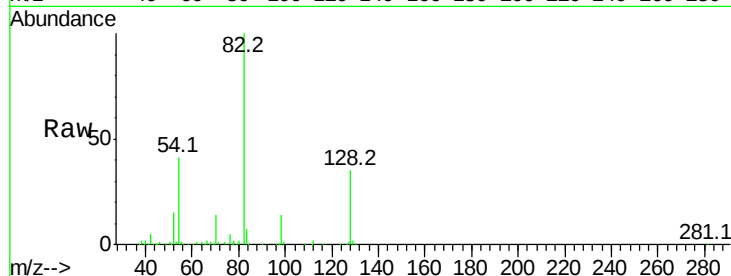




#23
 Nitrobenzene-d5
 Concen: 114.959 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

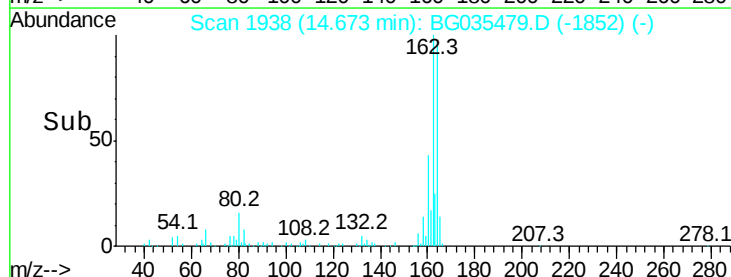
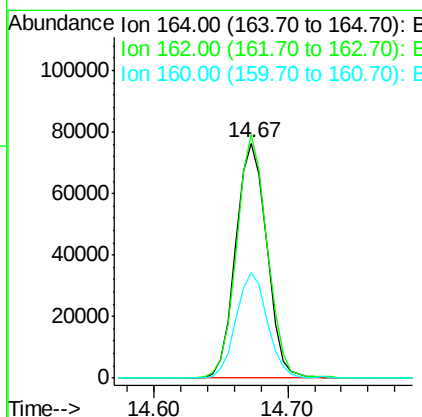
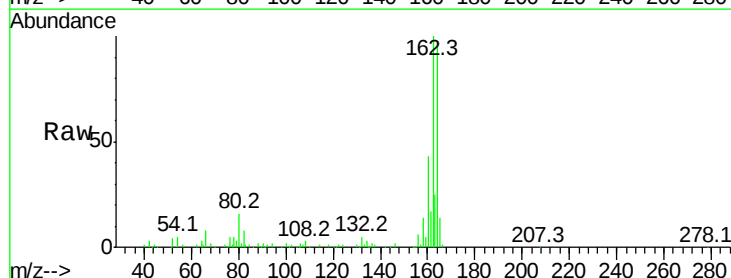
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062618

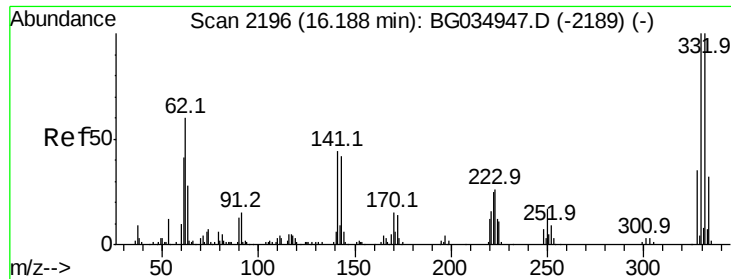
Tot Ion	82	Resp	416349
Ion Ratio	100	Lower	Upper
128	34.6	29.7	44.5
54	41.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

Tgt Ion	164	Resp	122761
Ion Ratio	100	Lower	Upper
162	103.6	78.8	118.2
160	44.8	35.4	53.0

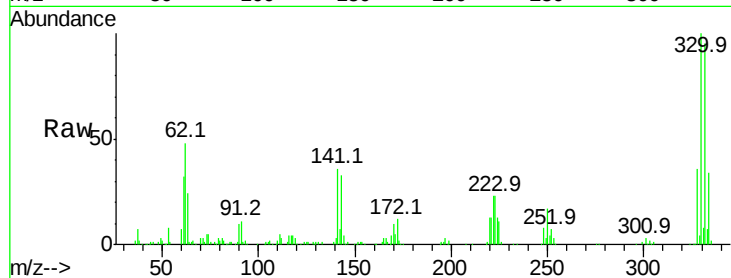




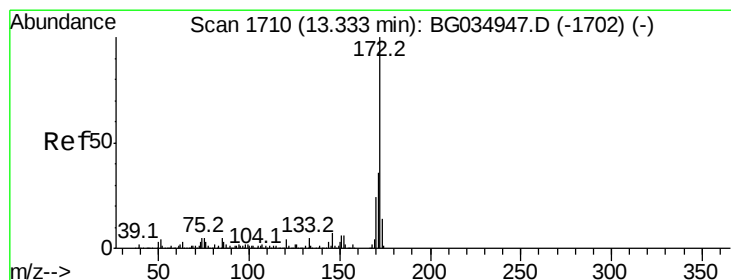
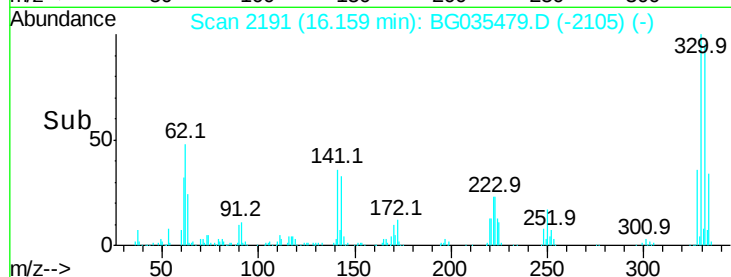
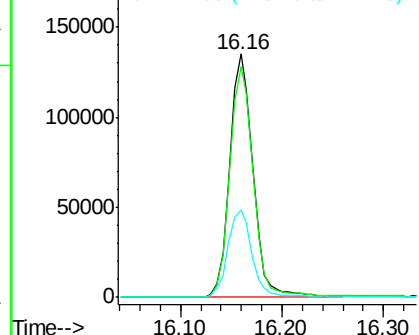
#41
 2,4,6-Tribromophenol
 Concen: 137.101 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-062618

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.3	25.2	37.8

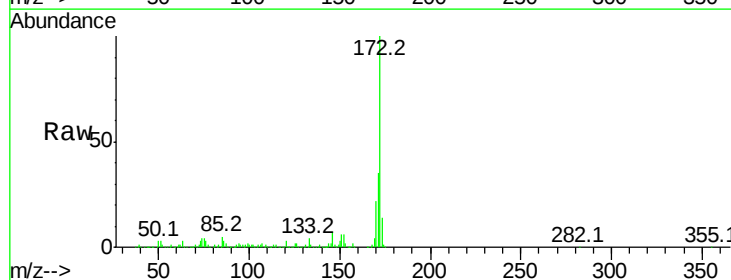


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

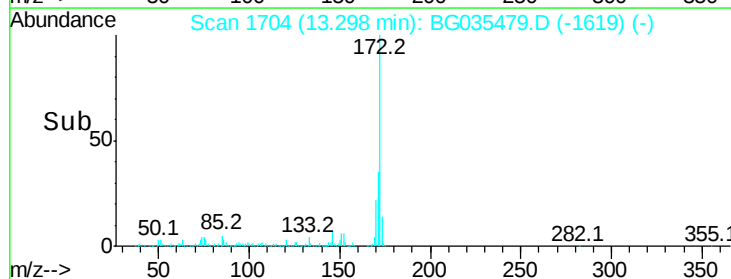
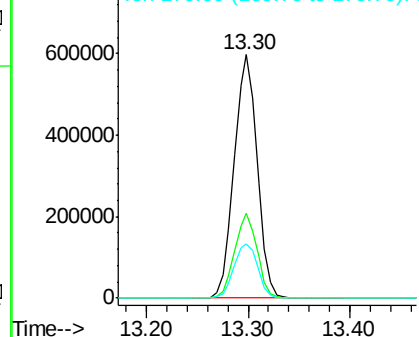


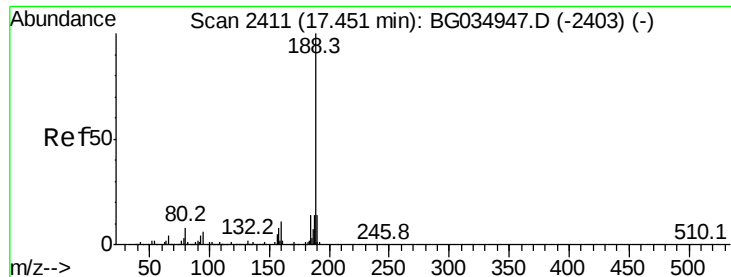
#44
 2-Fluorobiphenyl
 Concen: 99.608 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035479.D
 Acq: 28 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.3	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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

Instrument :

BNA_G

ClientSampleId :

OR-02-062618

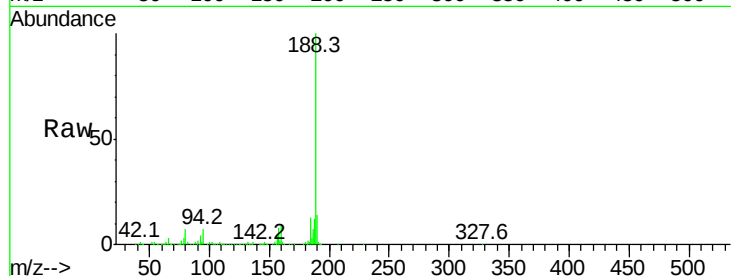
Tot Ion:188 Resp: 321719

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

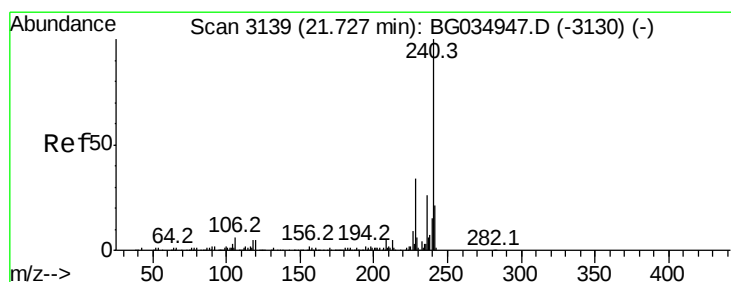
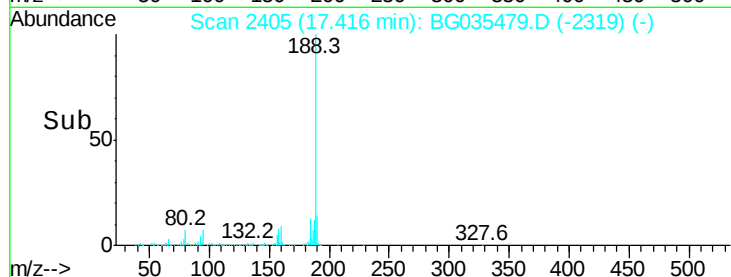
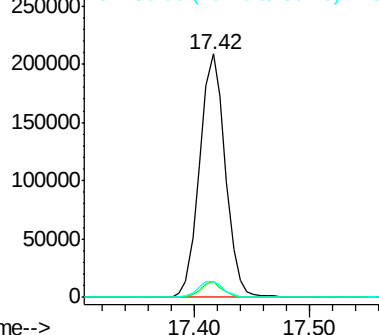
80 6.7 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

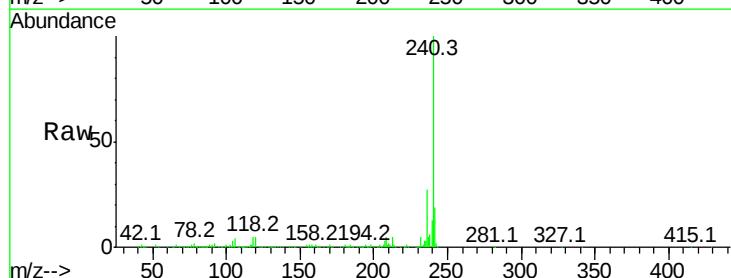
Tgt Ion:240 Resp: 348433

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

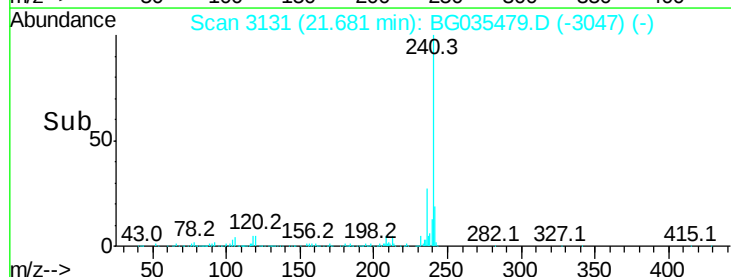
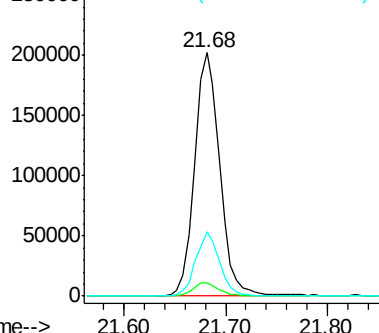
236 26.7 20.9 31.3

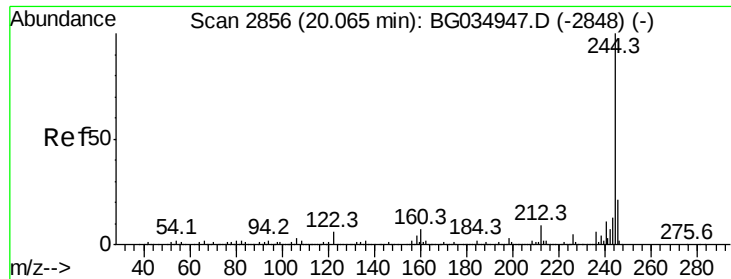


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.933 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

Instrument :

BNA_G

ClientSampleId :

OR-02-062618

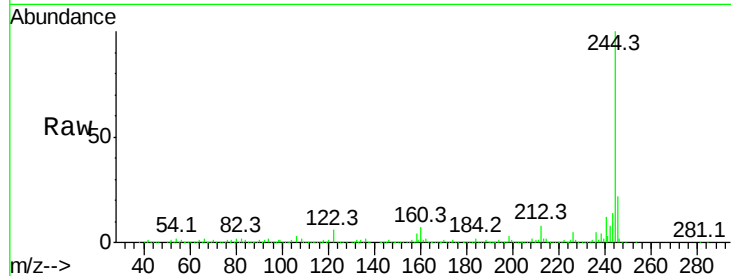
Tot Ion:244 Resp: 1645669

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

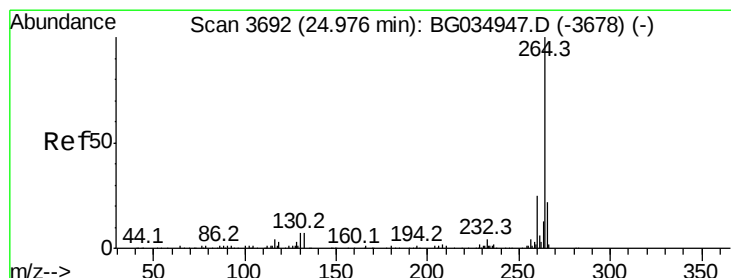
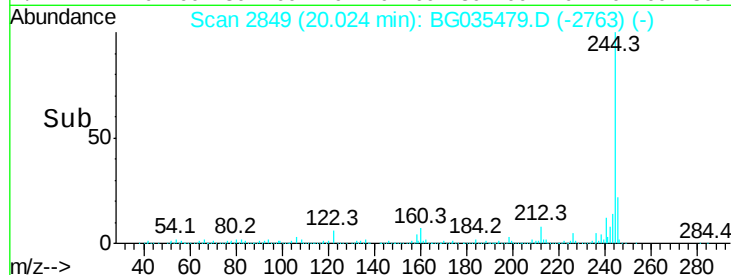
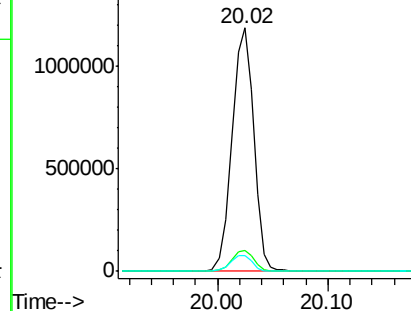
122 6.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035479.D

Acq: 28 Jun 2018 13:41

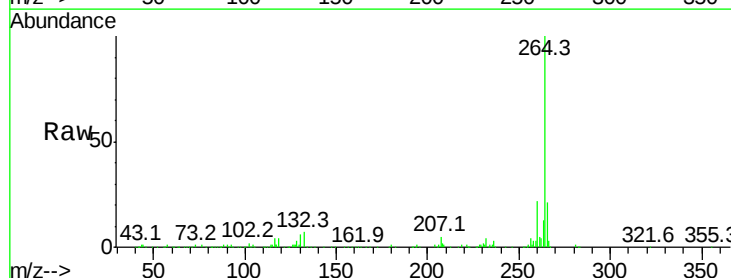
Tgt Ion:264 Resp: 301394

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.5 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

