

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036537.D
 Acq On : 4 Sep 2018 18:27
 Operator : JU/SJ
 Sample : J4747-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FL-DRUM-3-STONE

Quant Time: Sep 05 04:36:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59042	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	248799	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160566	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	414865	20.00	ng	0.00
75) Chrysene-d12	21.69	240	445041	20.00	ng	0.00
86) Perylene-d12	24.90	264	435461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380325	102.18	ng	0.00
7) Phenol-d6	7.21	99	493862	92.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	352508	76.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	228203	119.11	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	805278	71.61	ng	0.00
78) Terphenyl-d14	20.03	244	1475024	77.47	ng	0.00

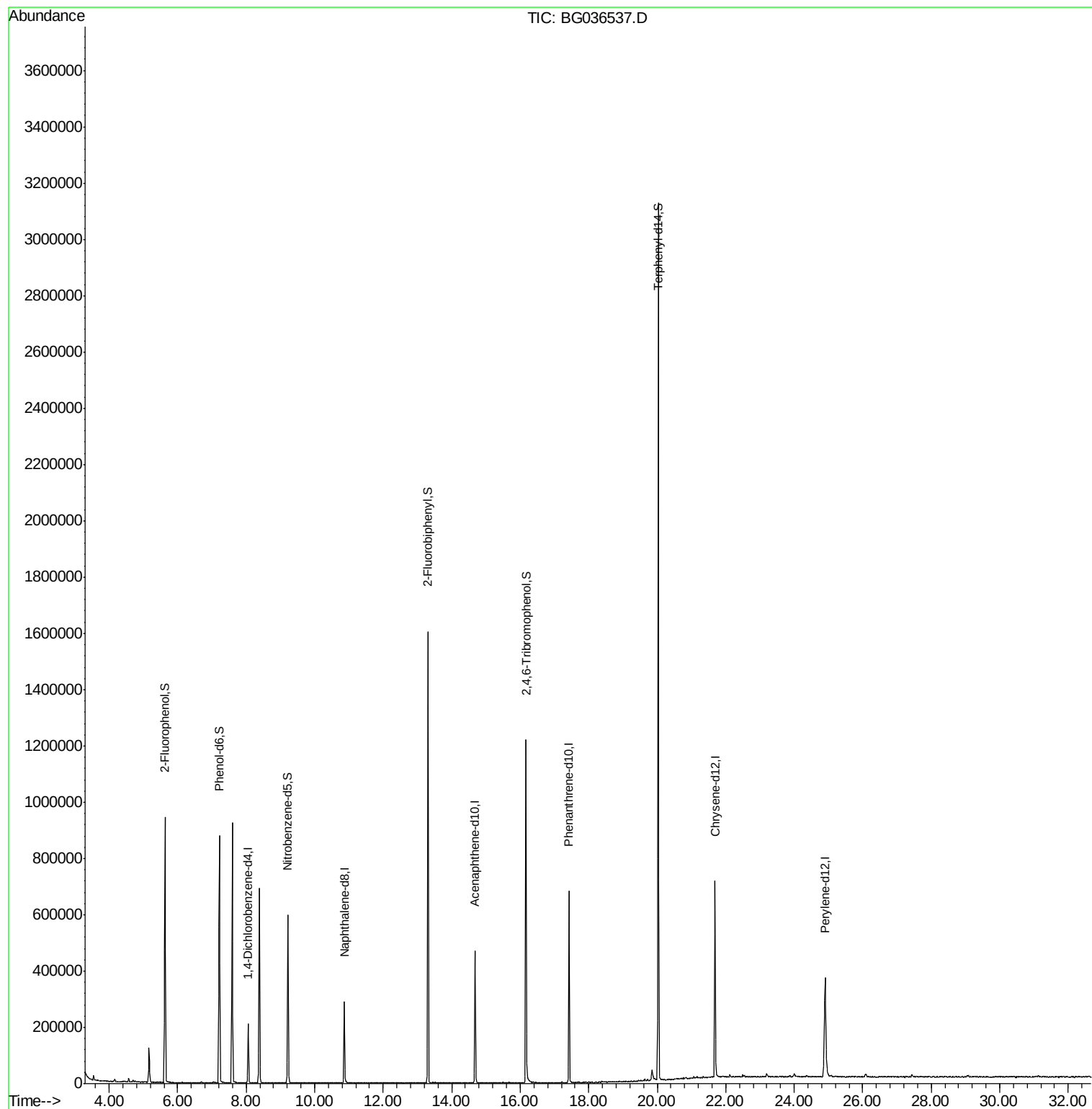
Target Compounds Qvalue

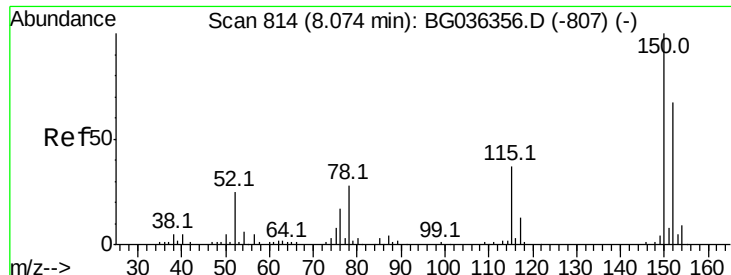
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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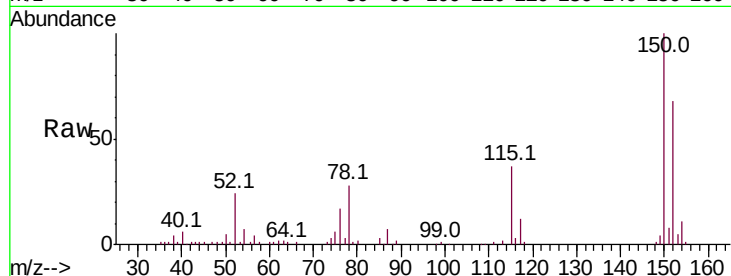


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :
FL-DRUM-3-STONE

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.5	179.3
115	53.6	44.5	66.7

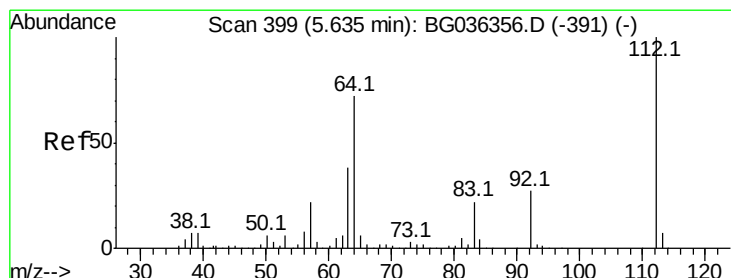
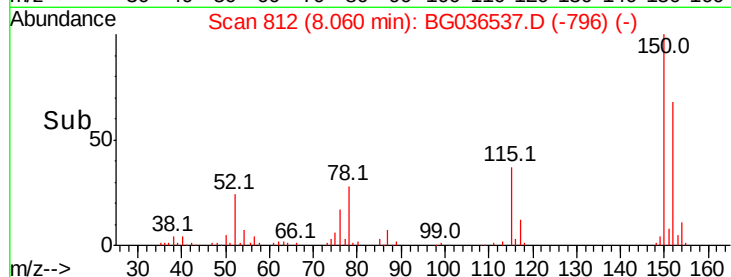
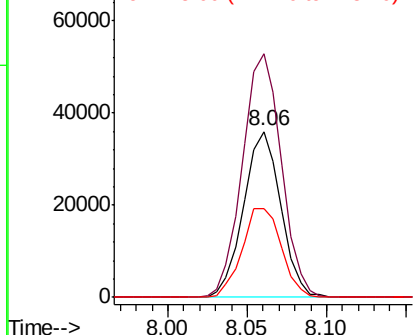


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

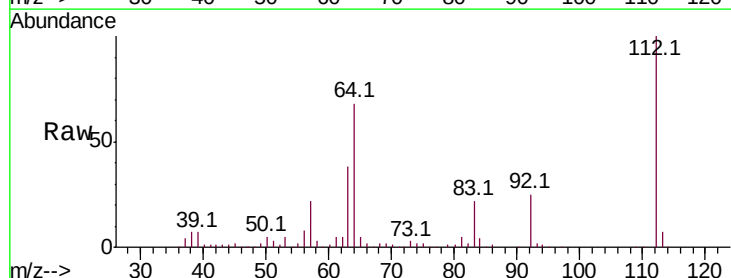
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.183 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	57.2	85.8
63	37.5	30.8	46.2

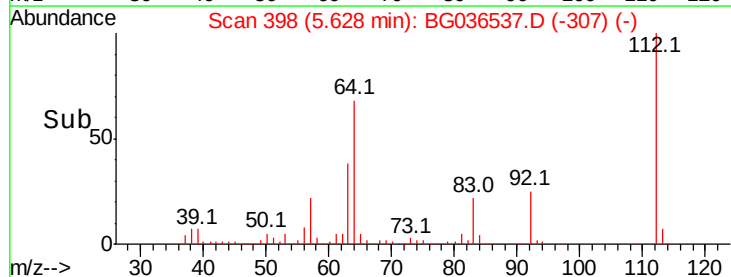
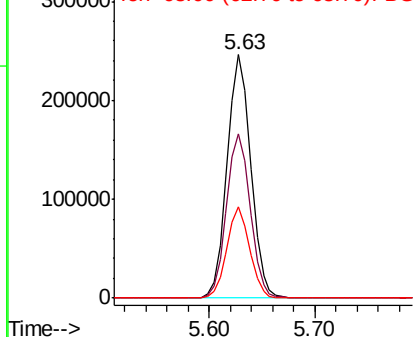


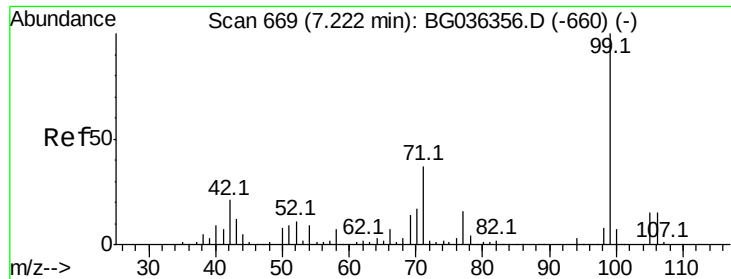
Abundance

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: 92.675 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036537.D

Acq: 4 Sep 2018 18:27

Instrument :

BNA_G

ClientSampleId :

FL-DRUM-3-STONE

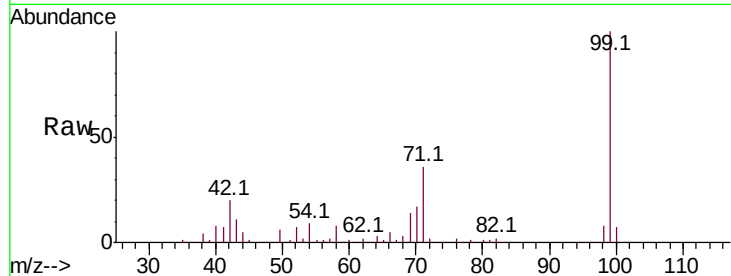
Tot Ion: 99 Resp: 493862

Ion Ratio Lower Upper

99 100

42 20.3 16.5 24.7

71 36.3 29.4 44.2

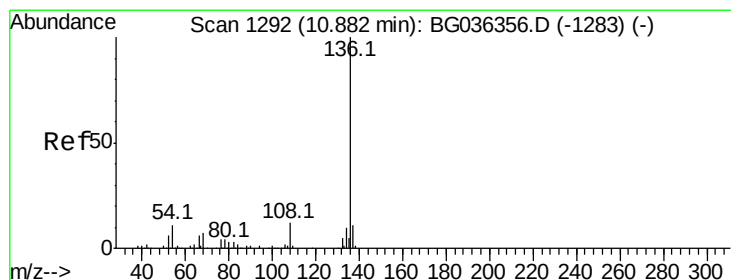
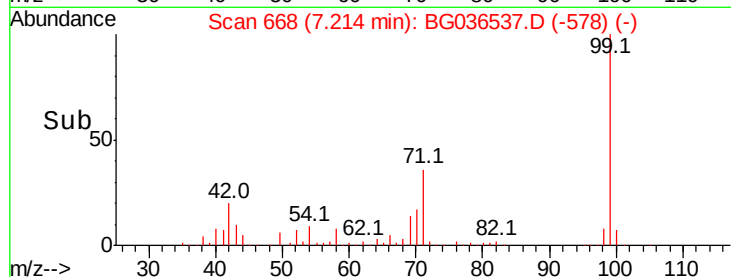
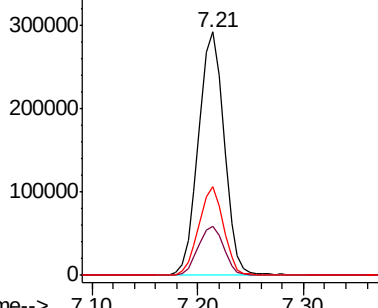


Abundance

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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036537.D

Acq: 4 Sep 2018 18:27

Tgt Ion: 136 Resp: 248799

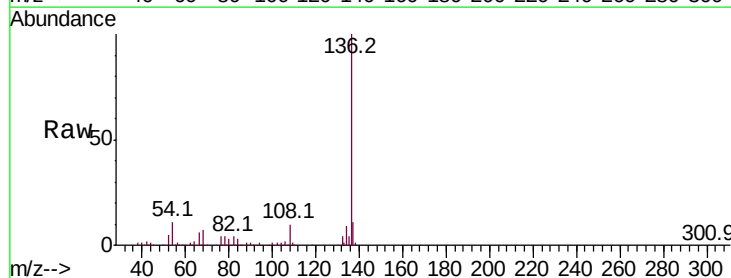
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.9 9.2 13.8

68 6.7 5.8 8.6



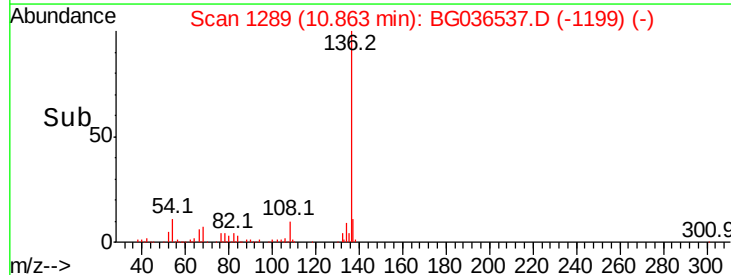
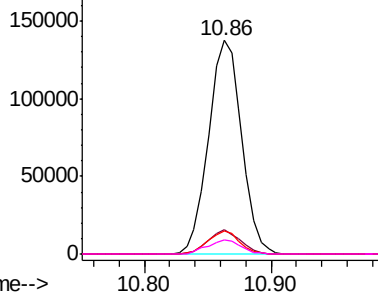
Abundance

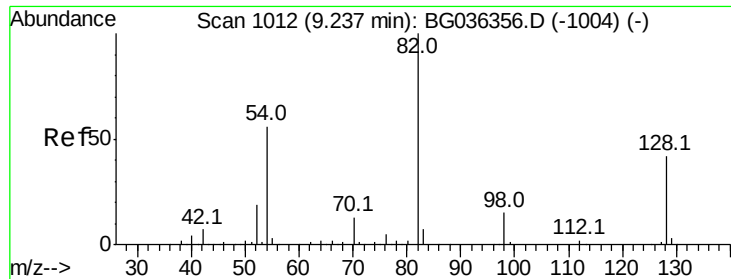
Ion 136.00 (135.70 to 136.70): BGC

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

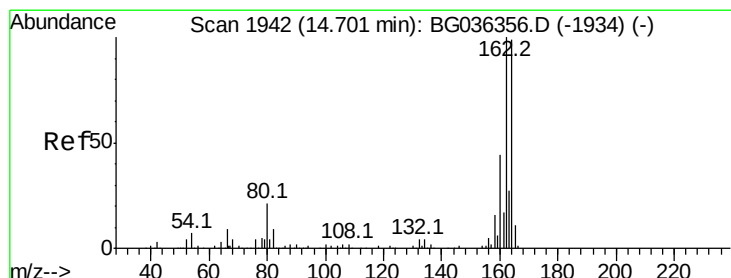
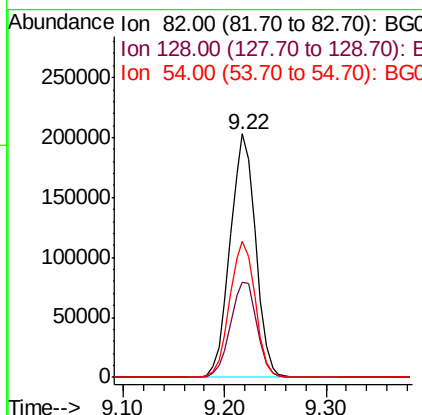
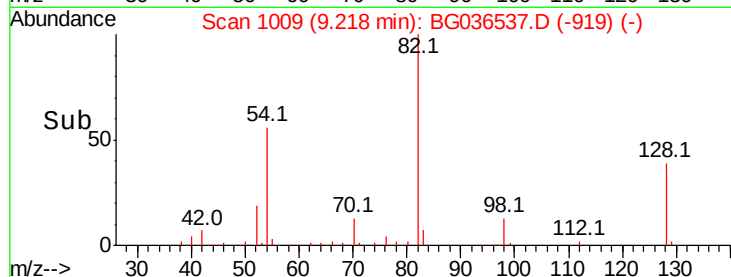
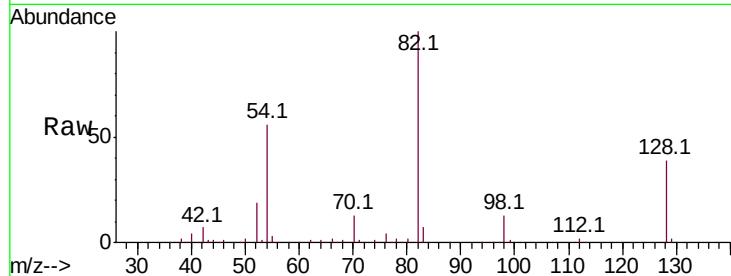




#23
 Nitrobenzene-d5
 Concen: 76.873 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036537.D
 Acq: 4 Sep 2018 18:27

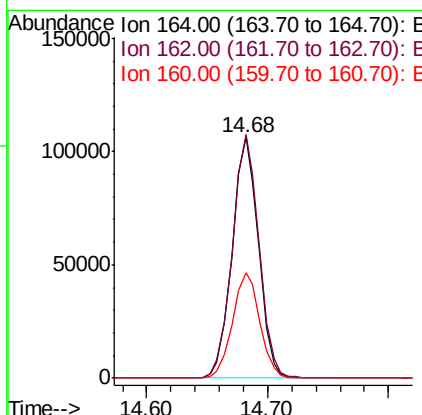
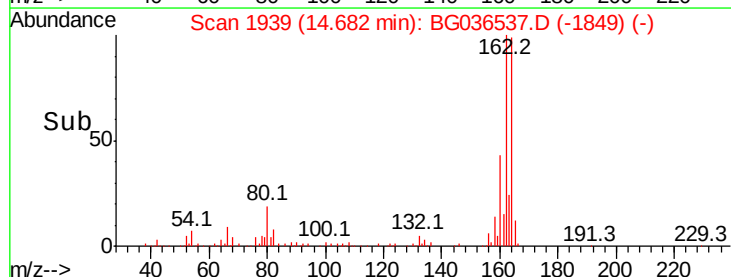
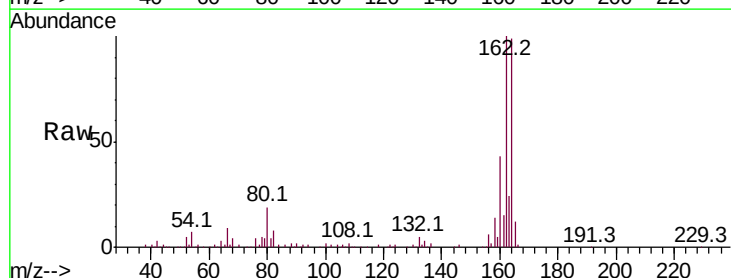
Instrument :
 BNA_G
 ClientSampleId :
 FL-DRUM-3-STONE

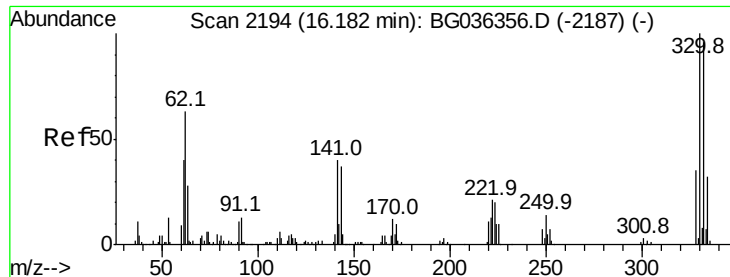
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036537.D
 Acq: 4 Sep 2018 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	43.8	35.3	52.9

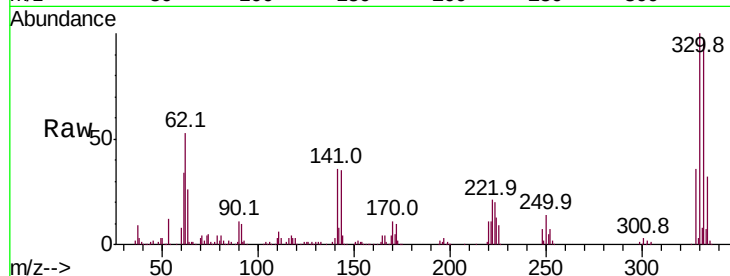




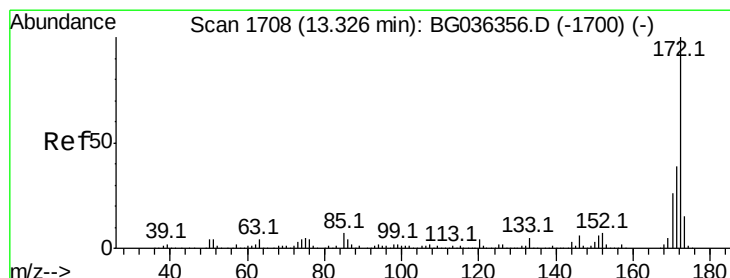
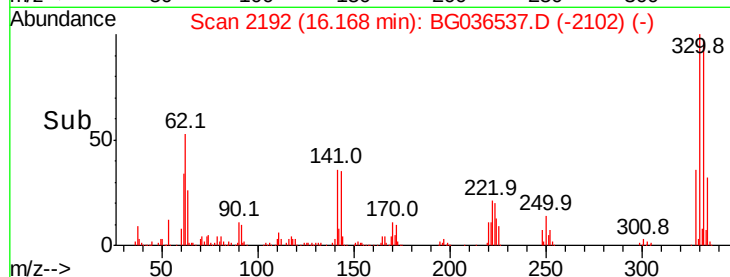
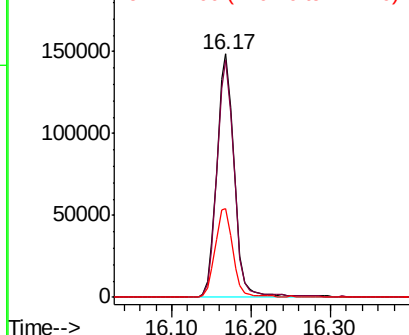
#41
 2,4,6-Tribromophenol
 Concen: 119.109 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036537.D
 Acq: 4 Sep 2018 18:27

Instrument :
 BNA_G
 ClientSampleId :
 FL-DRUM-3-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	36.9	30.7	46.1

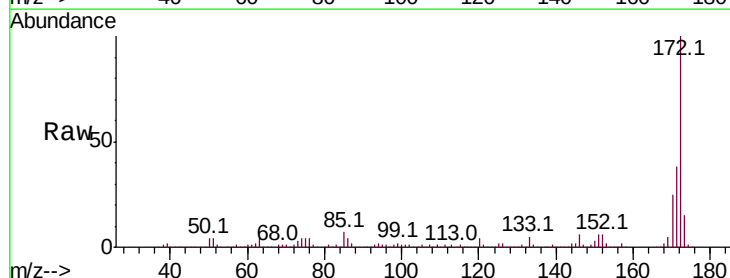


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

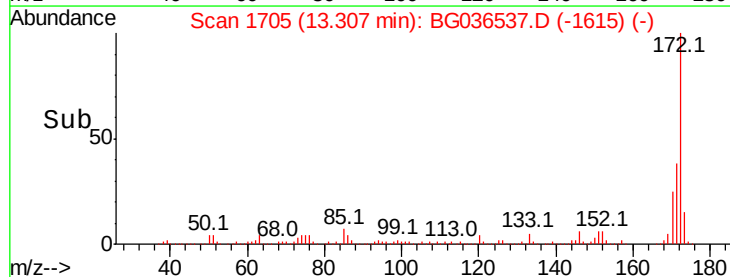
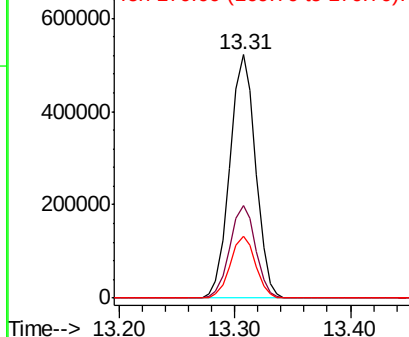


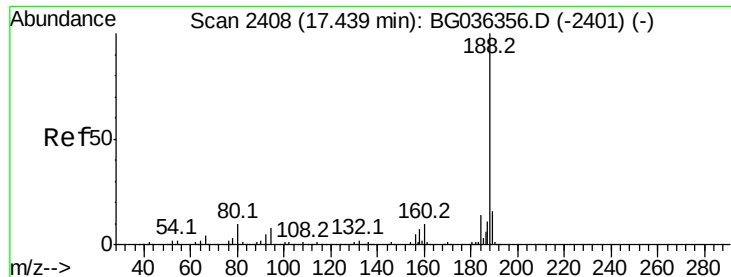
#44
 2-Fluorobiphenyl
 Concen: 71.609 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036537.D
 Acq: 4 Sep 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.2	21.0	31.6



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

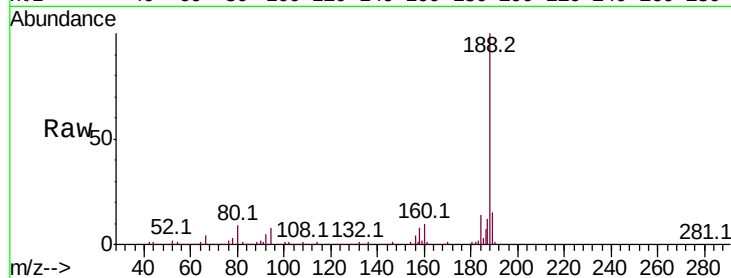




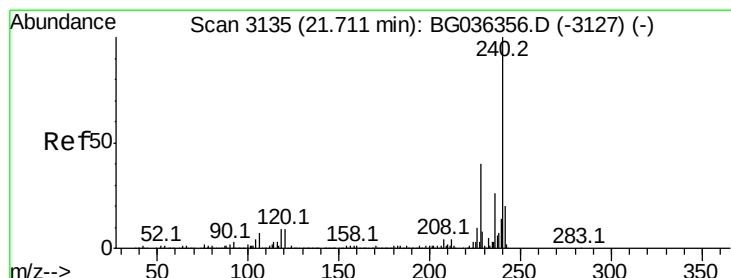
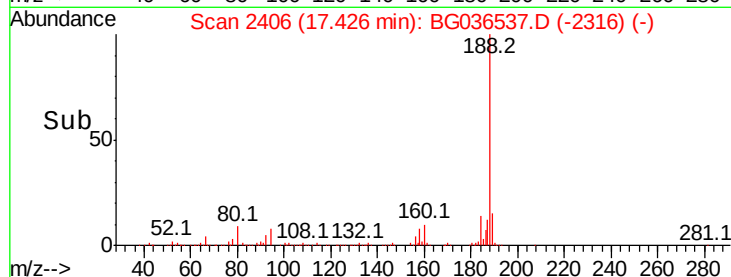
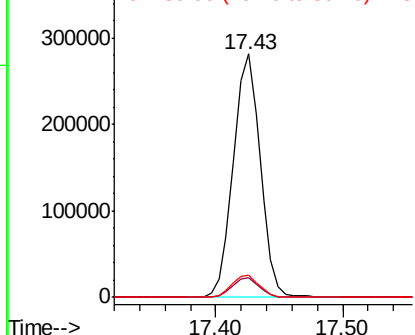
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :
FL-DRUM-3-STONE

Tot Ion:188 Resp: 414865
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.0 8.1 12.1

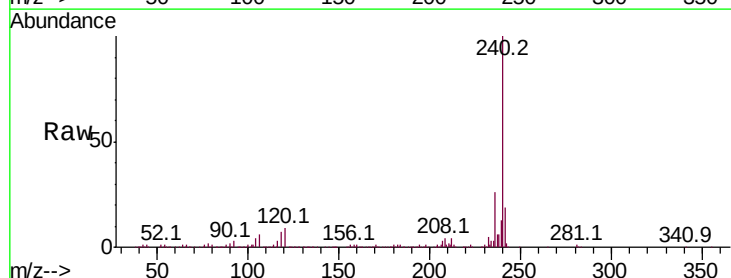


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

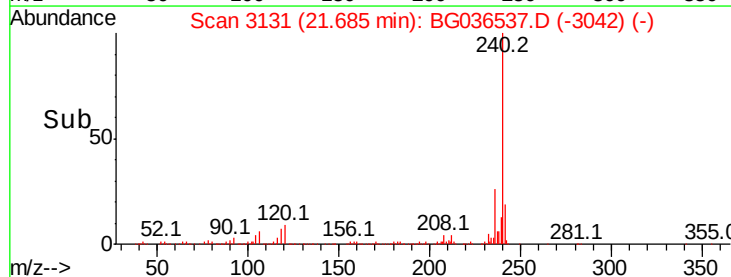
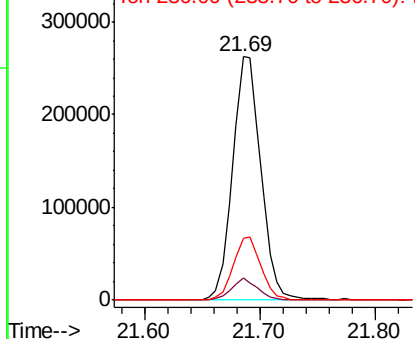


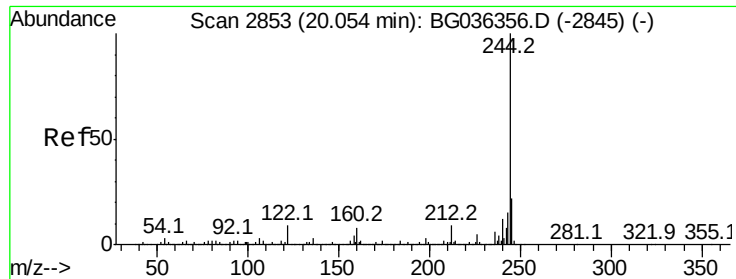
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:240 Resp: 445041
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 25.6 21.2 31.8



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: 77.468 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036537.D

Acq: 4 Sep 2018 18:27

Instrument :

BNA_G

ClientSampleId :

FL-DRUM-3-STONE

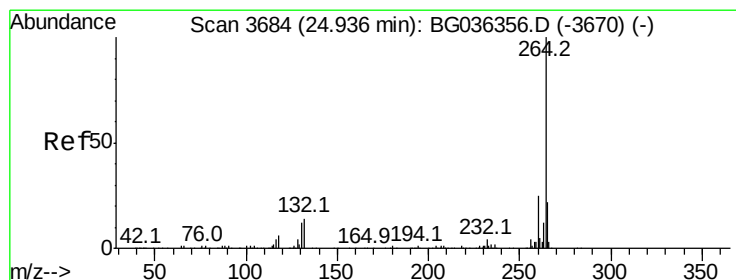
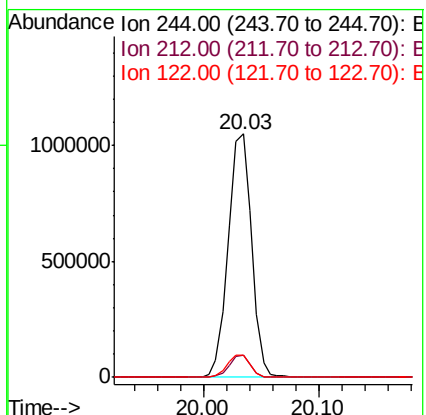
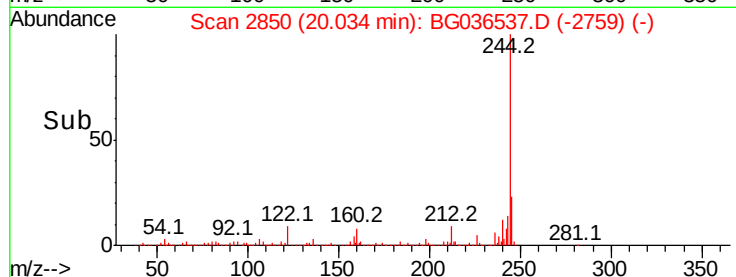
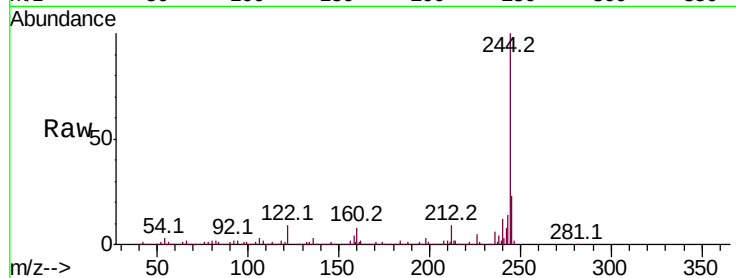
Tot Ion:244 Resp: 1475024

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.9 7.0 10.6

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036537.D

Acq: 4 Sep 2018 18:27

Tgt Ion:264 Resp: 435461

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.7	17.4	26.0

264 100

260 23.6 19.6 29.4

265 20.7 17.4 26.0

