

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036960.D
 Acq On : 25 Sep 2018 22:11
 Operator : JU/SJ
 Sample : J4775-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-B

Quant Time: Sep 26 02:14:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44792	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	174325	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	113319	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	304911	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329145	20.00	ng	0.00
86) Perylene-d12	24.88	264	324174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280439	120.07	ng	0.00
7) Phenol-d6	7.20	99	336082	93.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	281132	86.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177855	131.18	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	592683	77.90	ng	0.00
78) Terphenyl-d14	20.02	244	1128971	90.19	ng	0.00

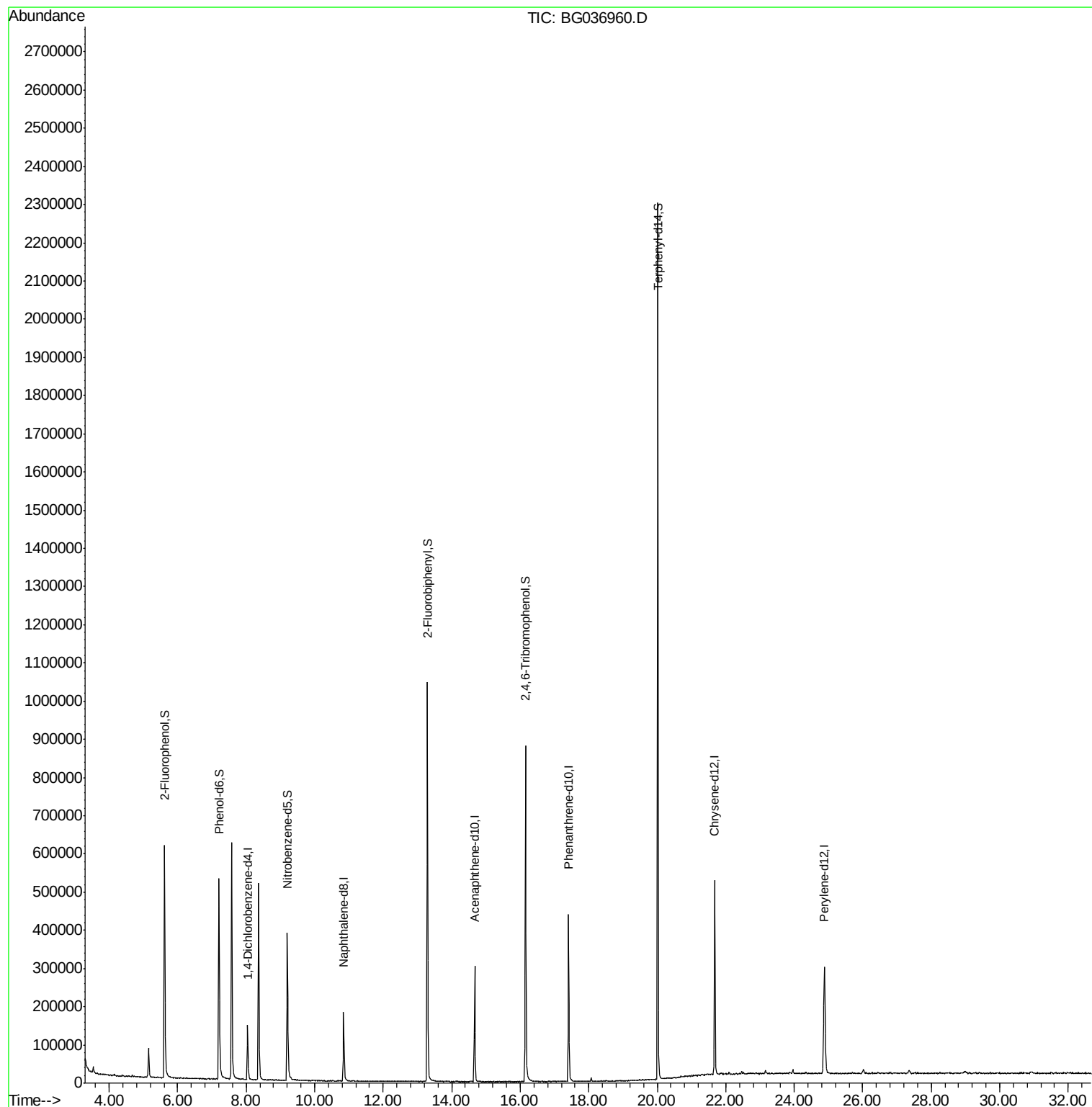
Target Compounds Qvalue

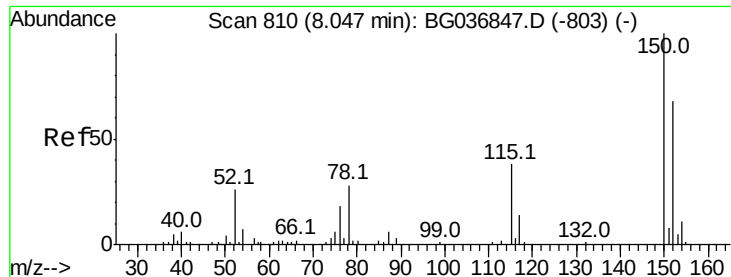
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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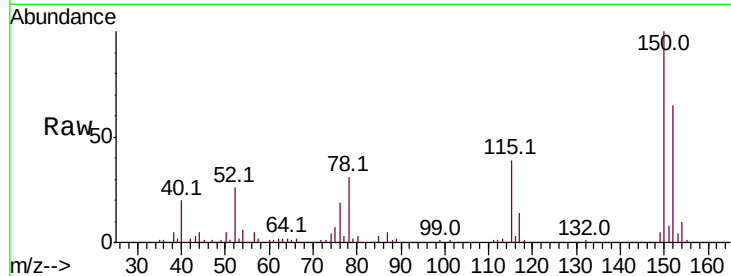


#1

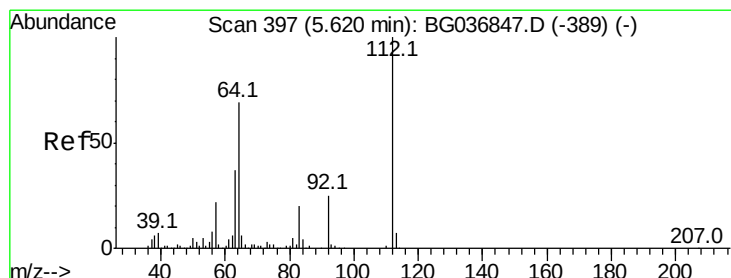
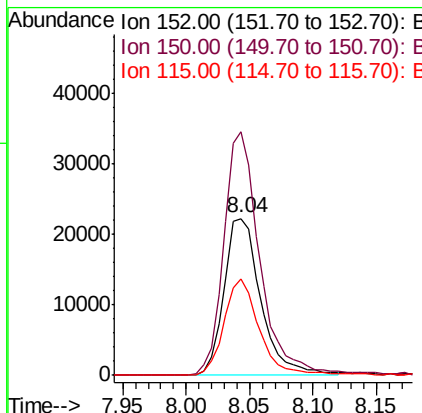
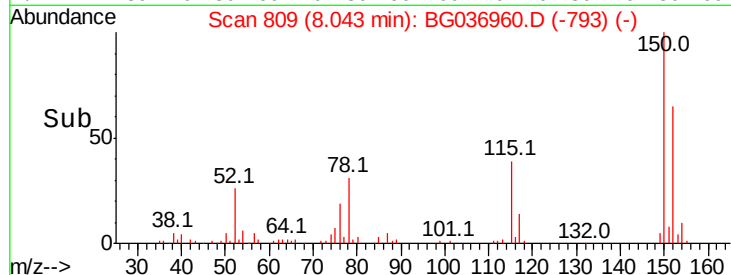
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Instrument :
BNA_G
ClientSampleId :
OR-01-092418-B

Tot Ion:152 Resp: 44792
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 61.2 44.5 66.7



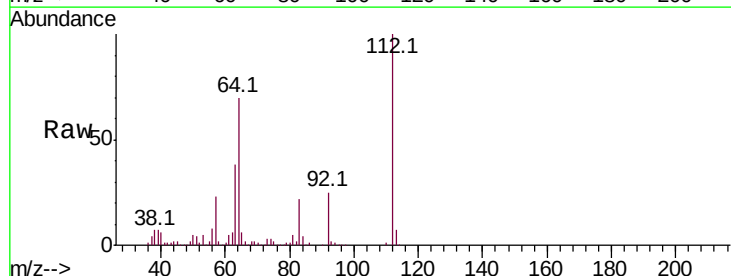
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



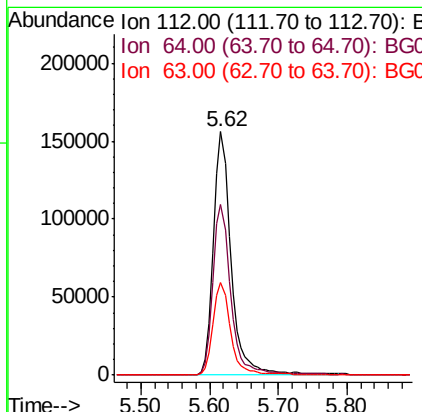
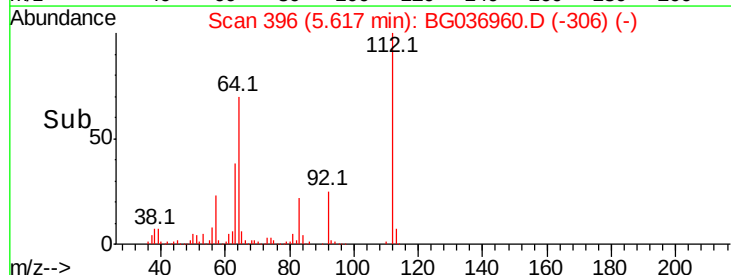
#5

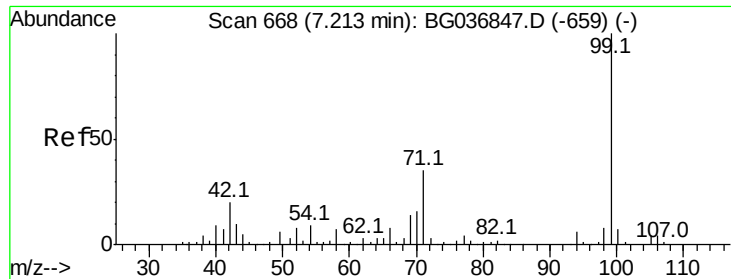
2-Fluorophenol
Concen: 120.071 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Tgt Ion:112 Resp: 280439
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 37.8 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: 93.005 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Instrument :

BNA_G

ClientSampleId :

OR-01-092418-B

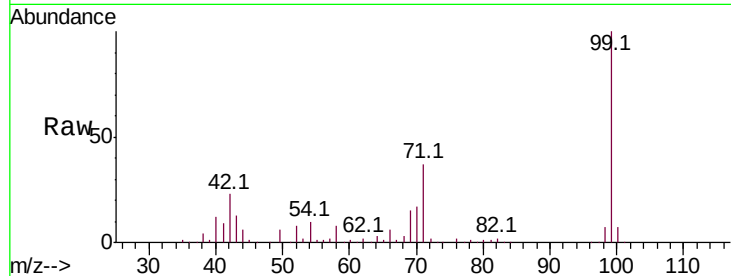
Tot Ion: 99 Resp: 336082

Ion Ratio Lower Upper

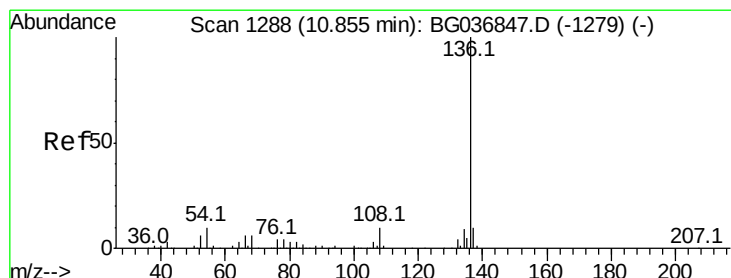
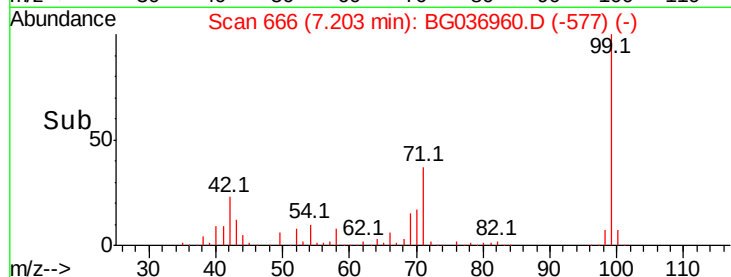
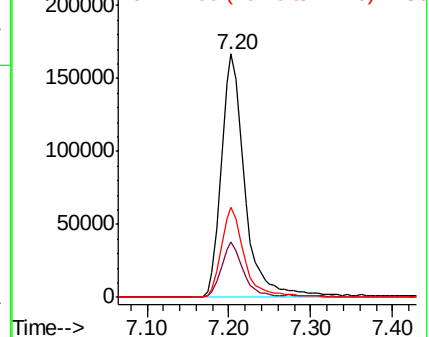
99 100

42 22.8 16.5 24.7

71 37.2 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Tgt Ion: 136 Resp: 174325

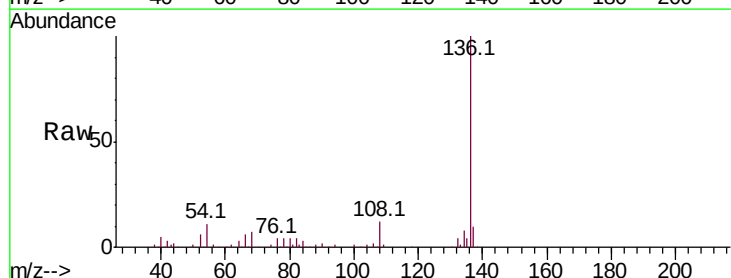
Ion Ratio Lower Upper

136 100

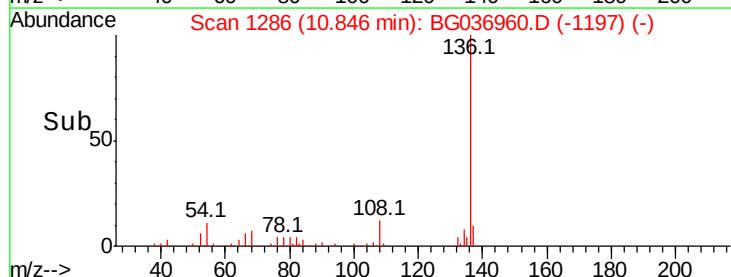
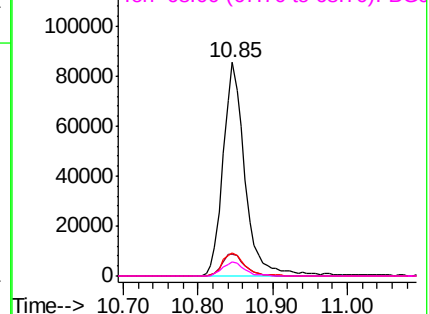
137 10.3 8.8 13.2

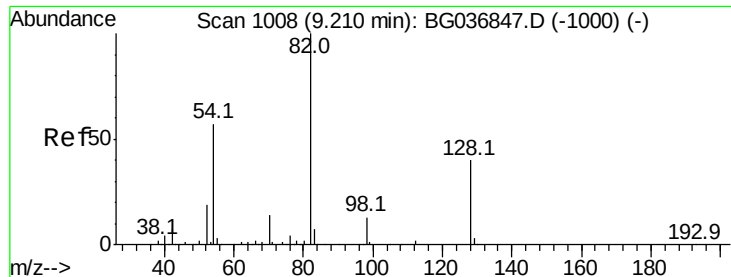
54 11.0 9.2 13.8

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

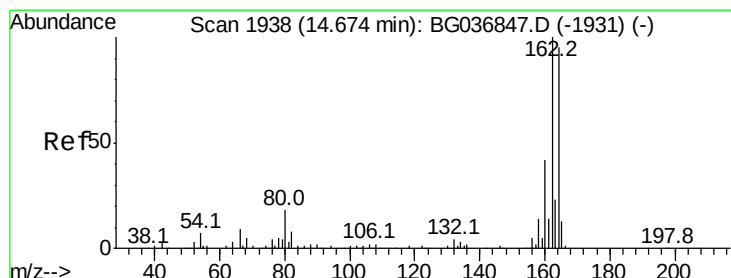
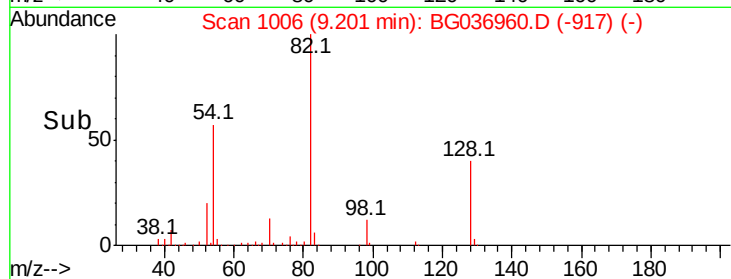
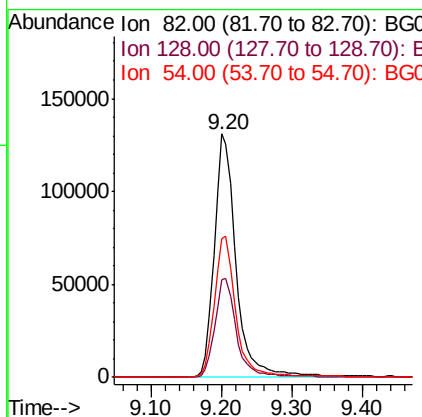
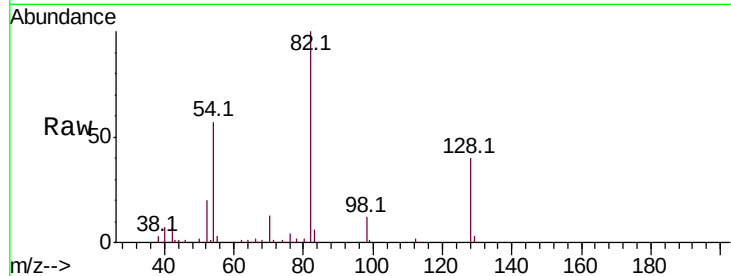




#23
 Nitrobenzene-d5
 Concen: 86.361 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

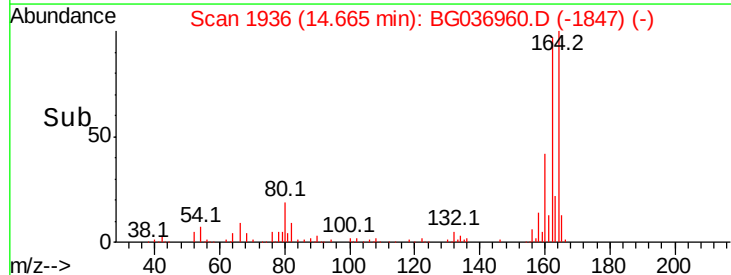
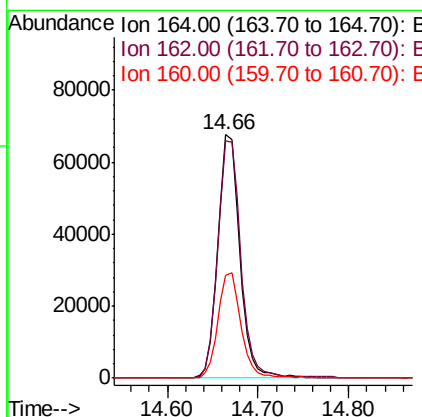
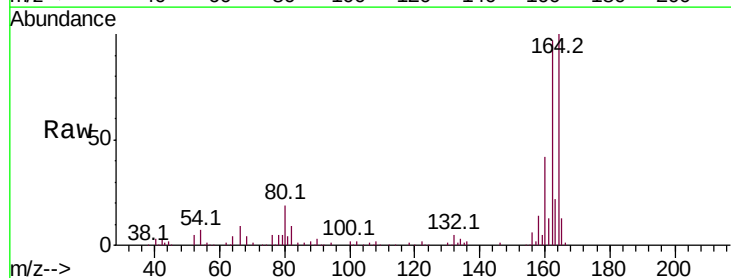
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-B

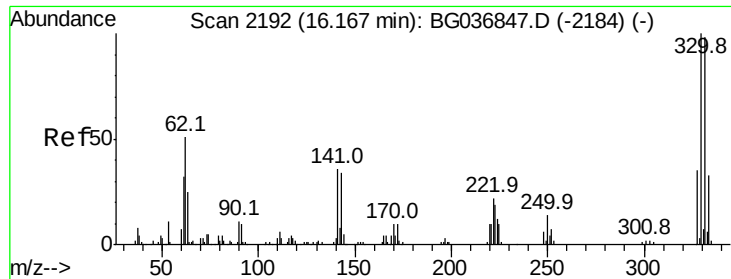
Tot Ion	82	Resp	281132
Ion Ratio	100	Lower	Upper
128	40.2	33.3	49.9
54	57.2	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Tgt Ion	164	Resp	113319
Ion Ratio	100	Lower	Upper
162	97.2	80.7	121.1
160	42.2	35.3	52.9

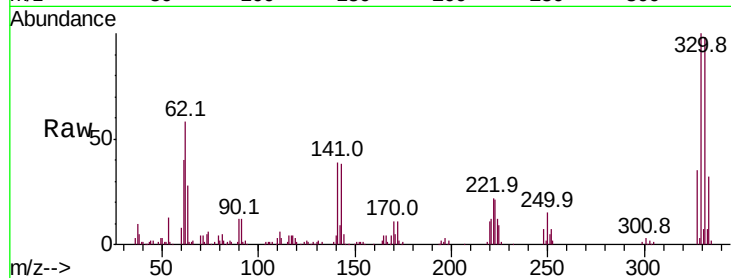




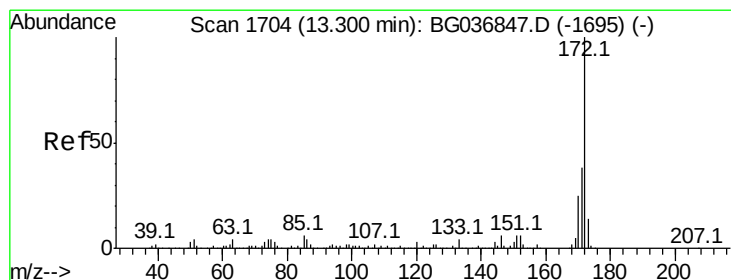
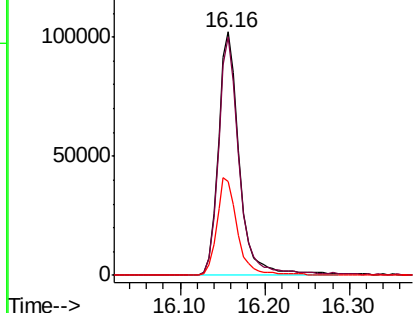
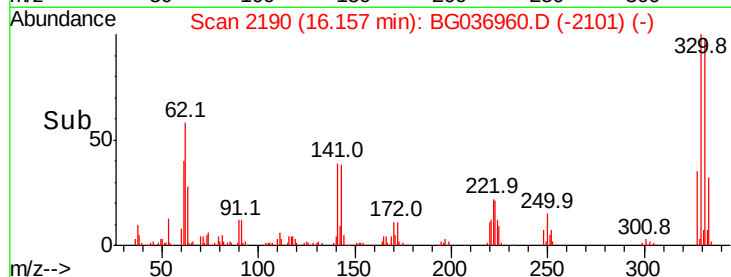
#41
 2,4,6-Tribromophenol
 Concen: 131.182 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	39.7	30.7	46.1

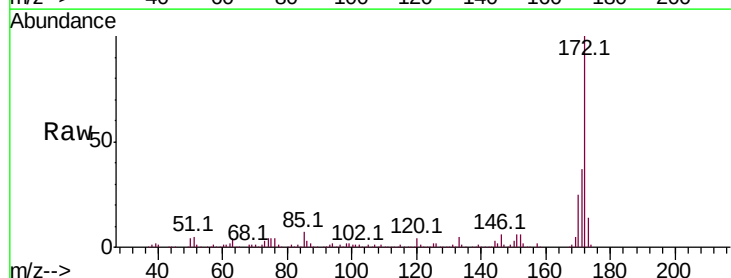


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

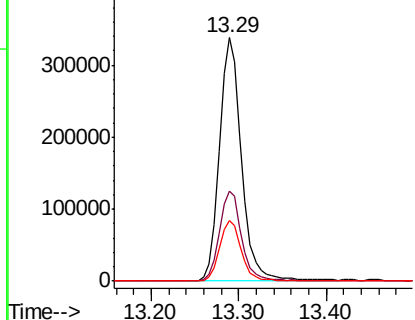
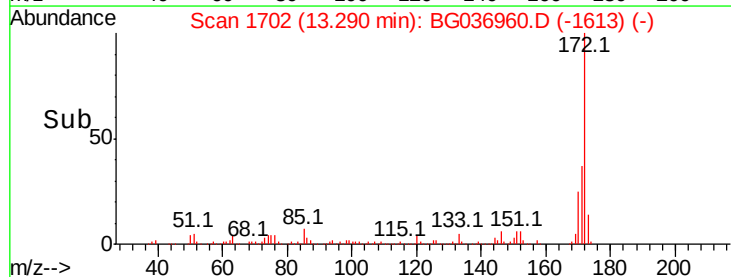


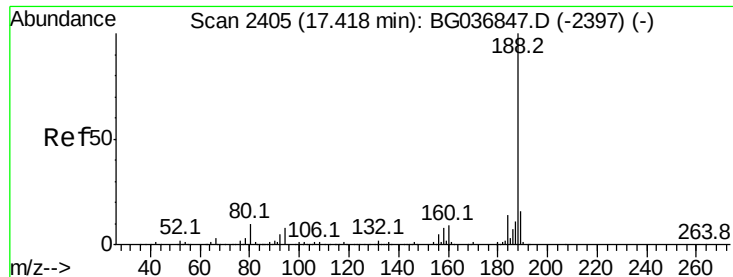
#44
 2-Fluorobiphenyl
 Concen: 77.898 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036960.D
 Acq: 25 Sep 2018 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.0	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

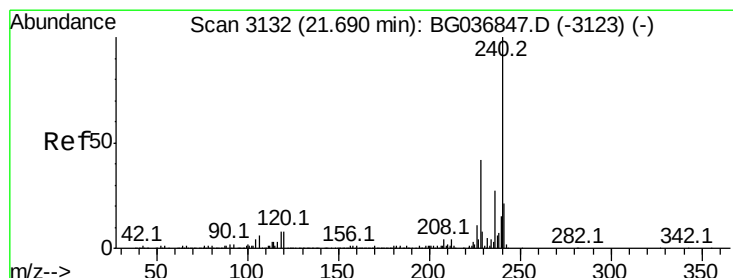
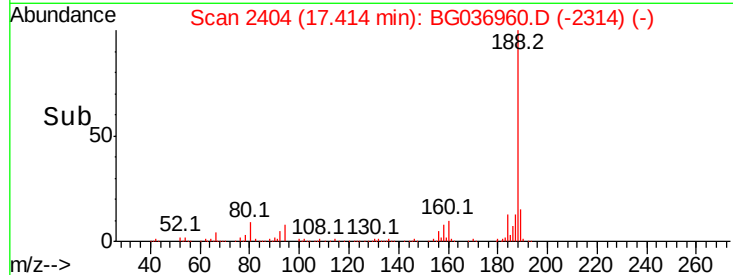
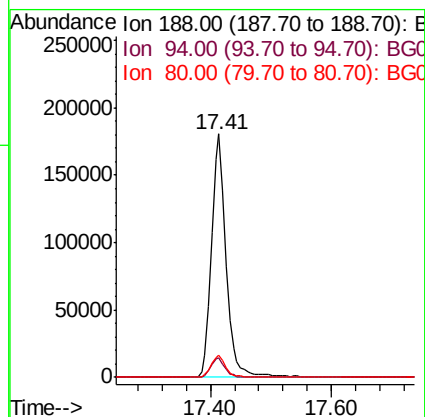
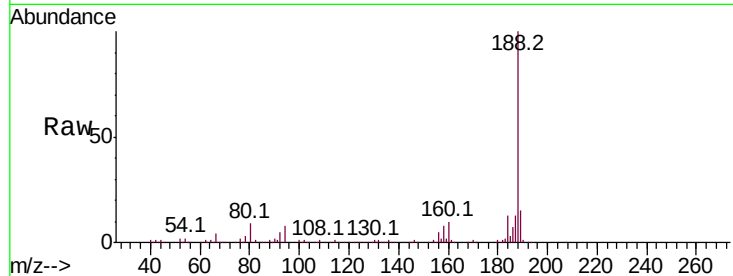




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

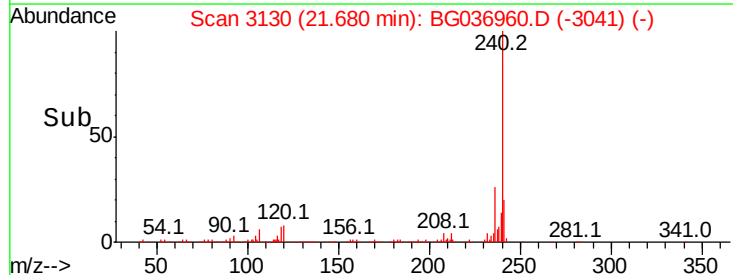
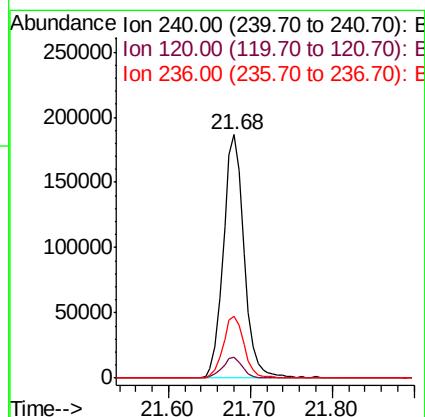
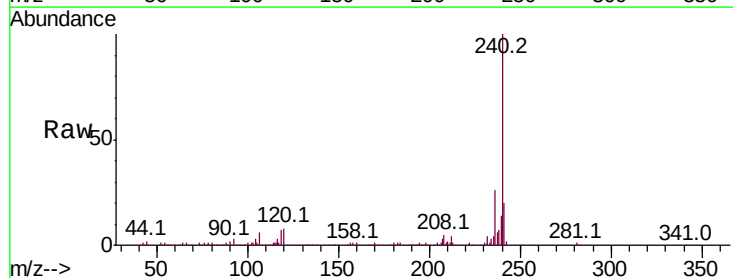
Instrument :
BNA_G
ClientSampleId :
OR-01-092418-B

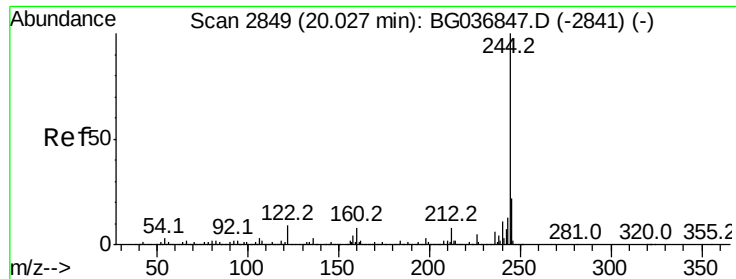
Tot Ion:188 Resp: 304911
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036960.D
Acq: 25 Sep 2018 22:11

Tgt Ion:240 Resp: 329145
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 90.192 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

Instrument :

BNA_G

ClientSampleId :

OR-01-092418-B

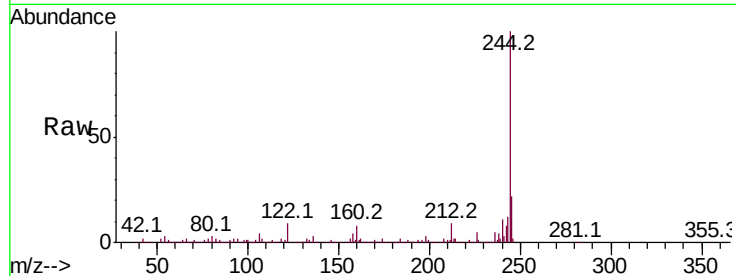
Tot Ion:244 Resp: 1128971

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.6 7.0 10.6

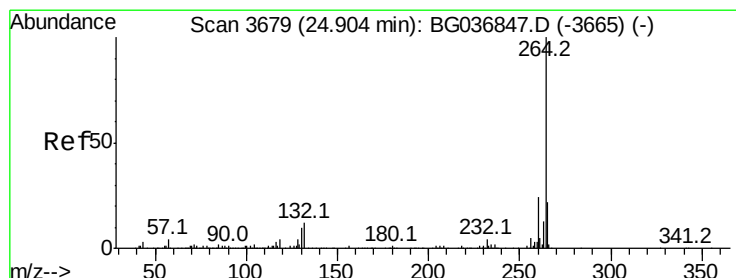
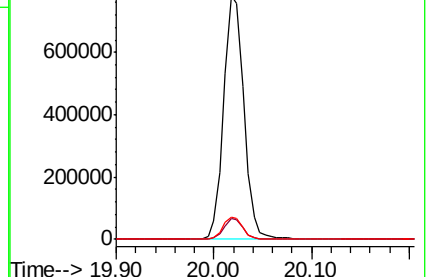
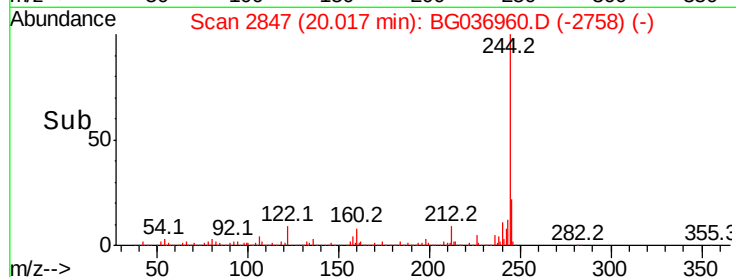
122 9.3 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036960.D

Acq: 25 Sep 2018 22:11

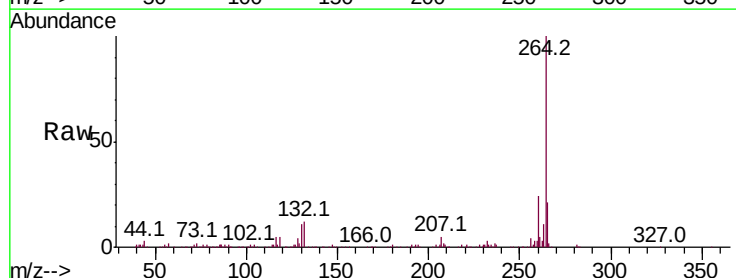
Tgt Ion:264 Resp: 324174

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.1	17.4	26.0

264 100

260 23.9 19.6 29.4

265 21.1 17.4 26.0



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

