

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036401.D
 Acq On : 24 Aug 2018 6:38
 Operator : JU/SJ
 Sample : PB112276BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112276BL

Quant Time: Aug 24 07:29:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50430	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	206345	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	134417	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	351416	20.00	ng	0.00
75) Chrysene-d12	21.70	240	408068	20.00	ng	-0.01
86) Perylene-d12	24.92	264	407994	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	246327	77.48	ng	0.00
7) Phenol-d6	7.22	99	347003	76.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	301658	79.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	140767	87.77	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	735813	78.16	ng	0.00
78) Terphenyl-d14	20.04	244	1261944	72.28	ng	-0.01

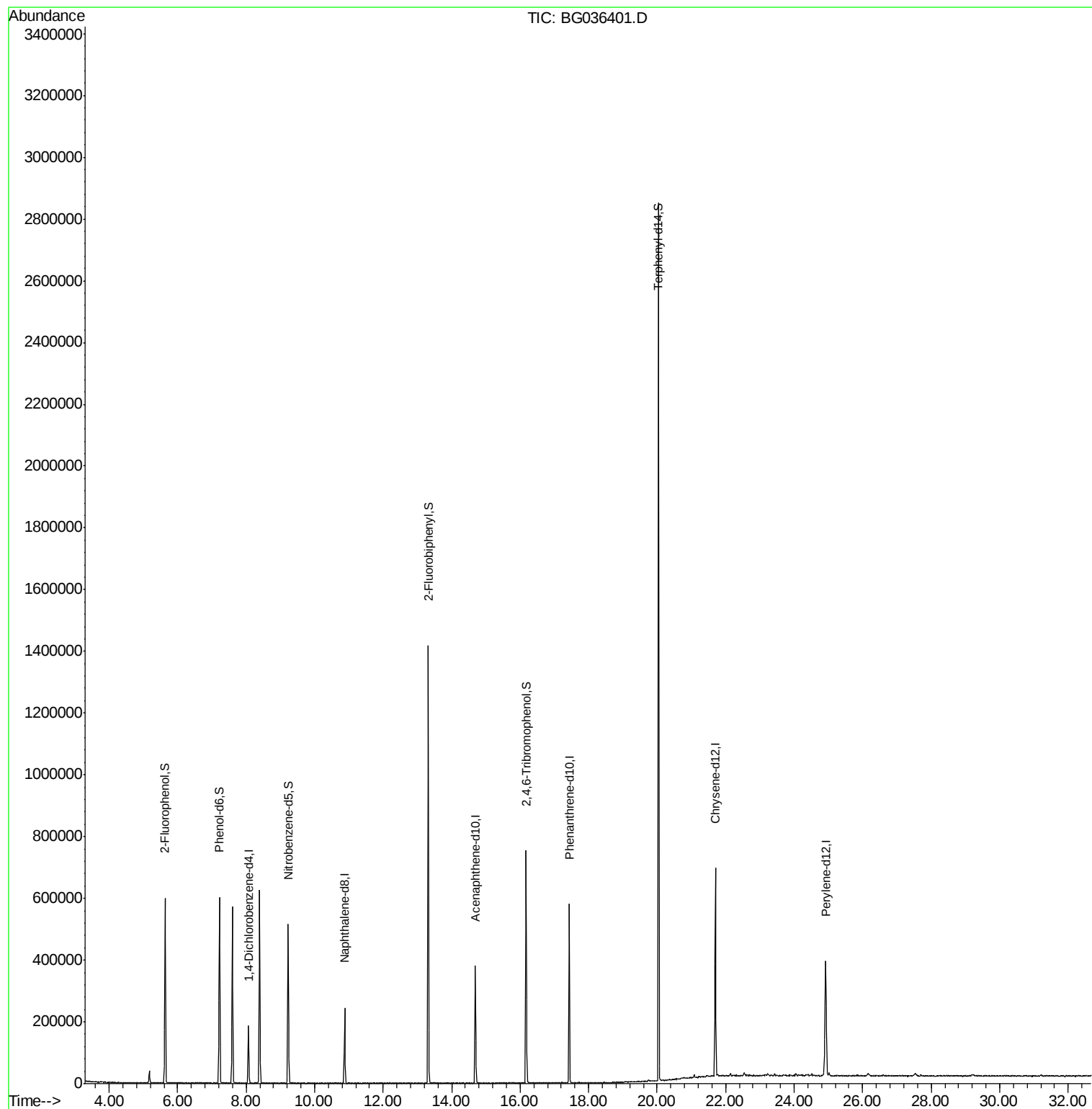
Target Compounds Qvalue

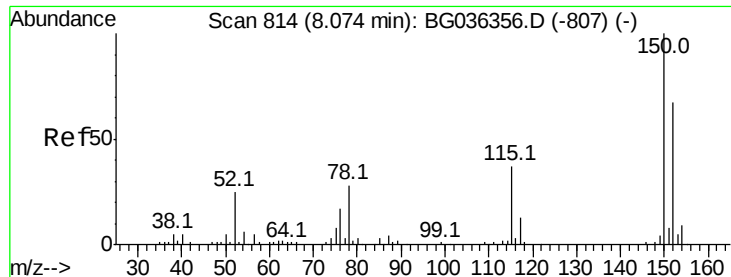
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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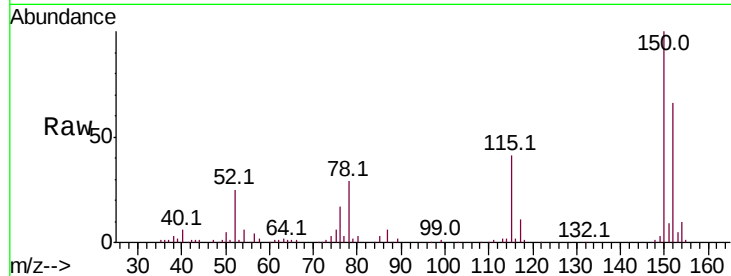


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036401.D
Acq: 24 Aug 2018 6:38

Instrument :
BNA_G
ClientSampleId :
PB112276BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	61.9	44.5	66.7

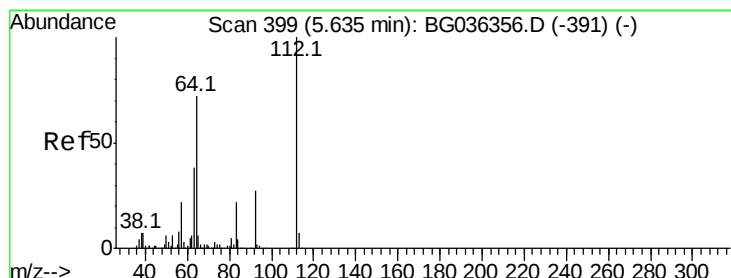
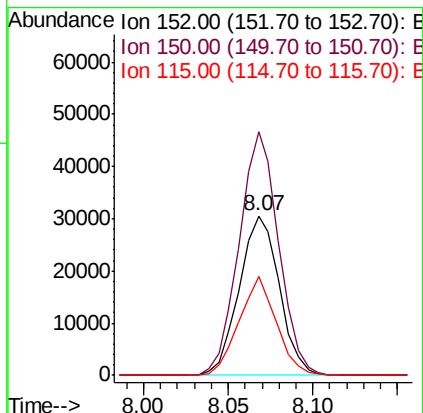
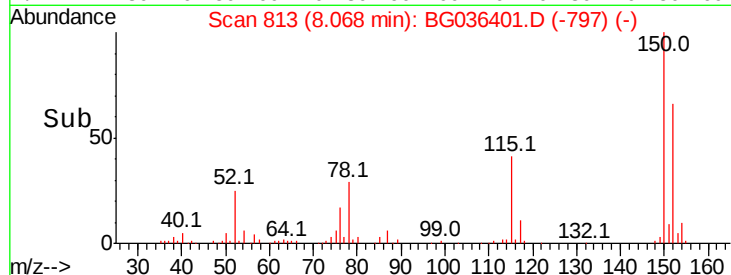


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

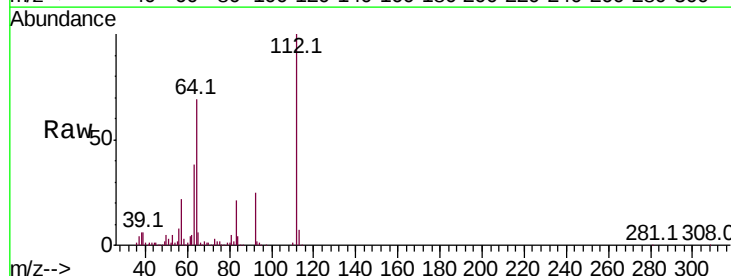
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.483 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036401.D
Acq: 24 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.2	85.8
63	37.6	30.8	46.2

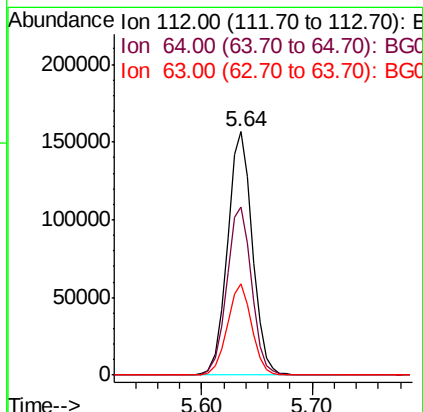
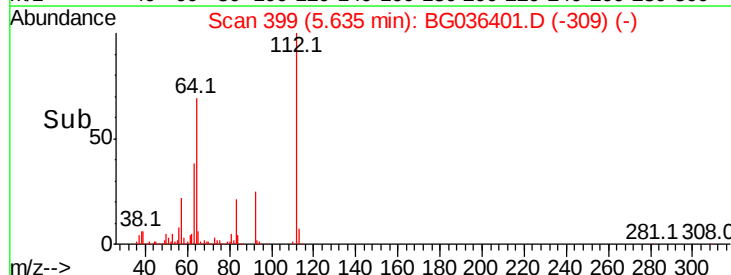


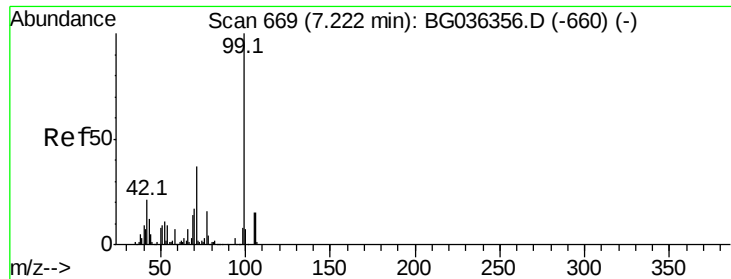
Abundance

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: 76.236 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036401.D

Acq: 24 Aug 2018 6:38

Instrument :

BNA_G

ClientSampleId :

PB112276BL

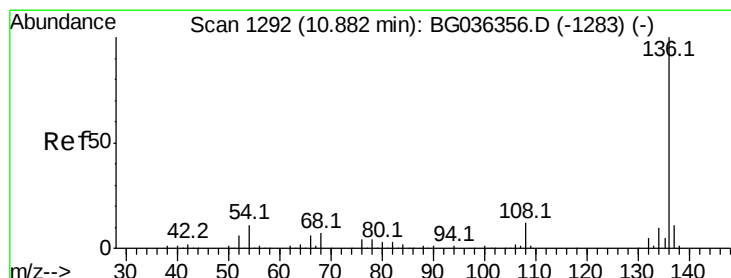
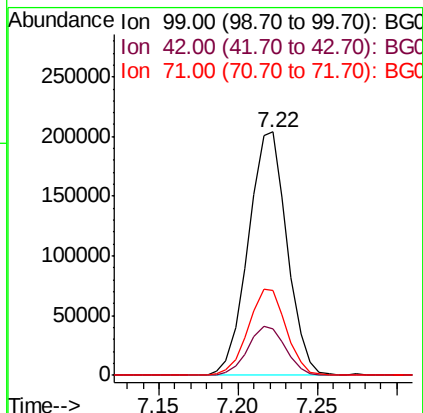
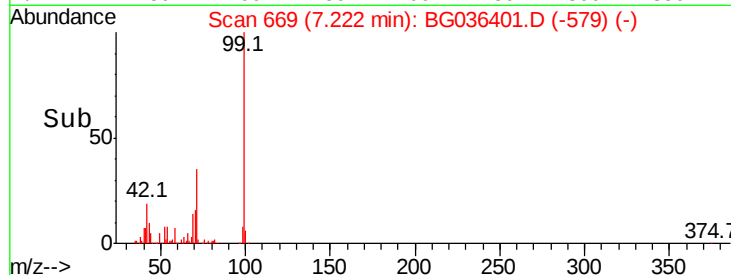
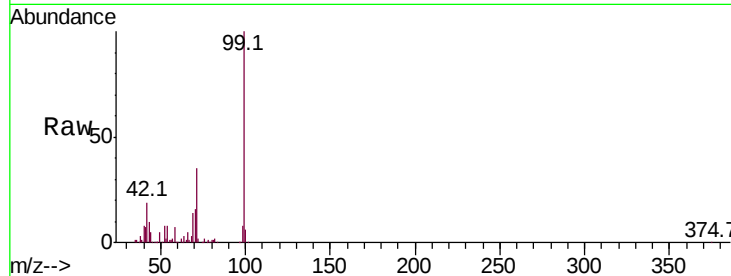
Tot Ion: 99 Resp: 347003

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 34.9 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036401.D

Acq: 24 Aug 2018 6:38

Tgt Ion: 136 Resp: 206345

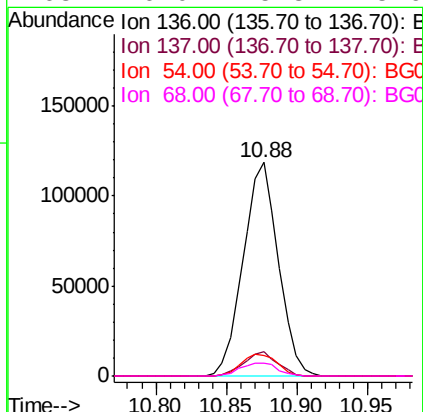
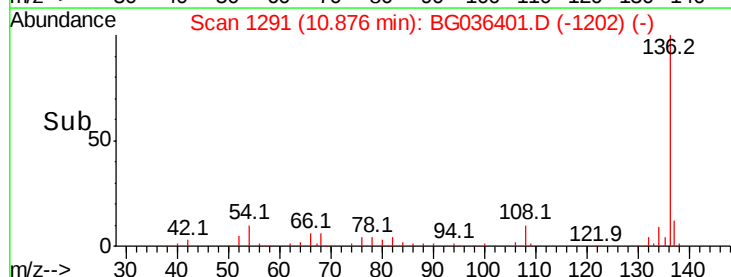
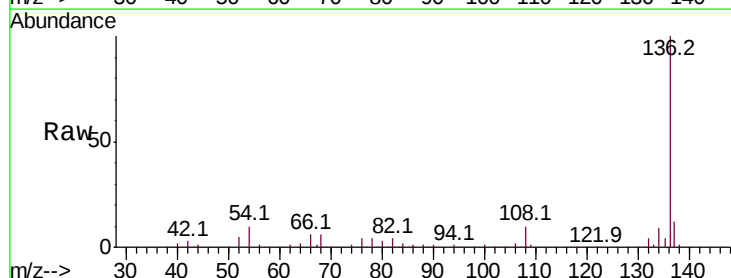
Ion Ratio Lower Upper

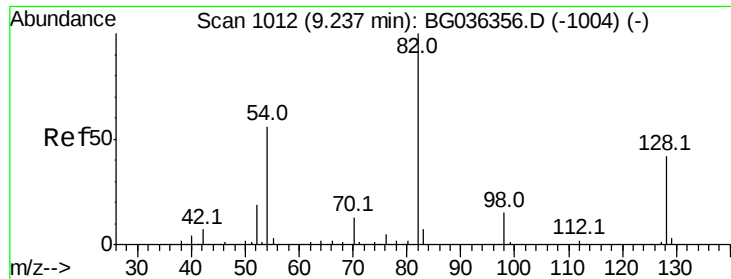
136 100

137 11.6 8.8 13.2

54 9.9 9.2 13.8

68 6.0 5.8 8.6

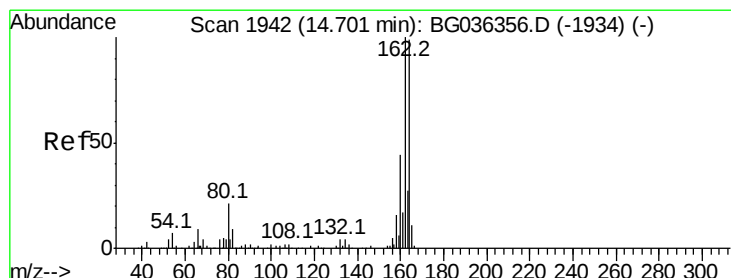
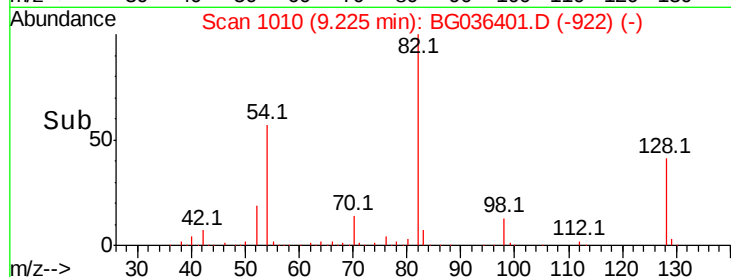
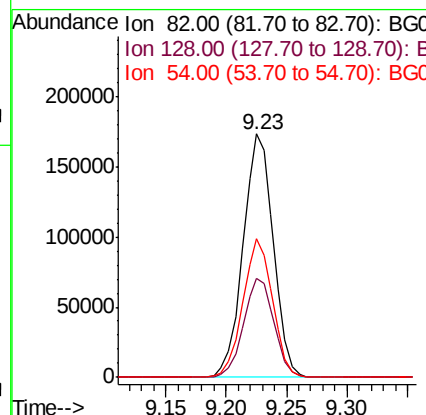
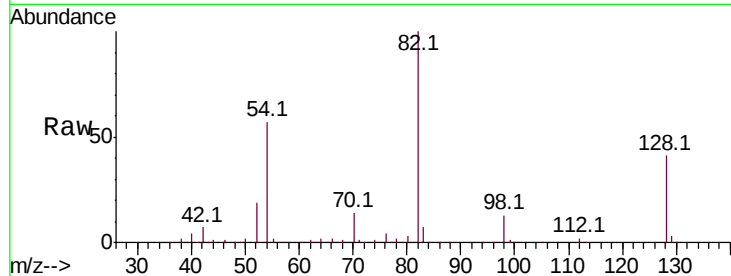




#23
 Nitrobenzene-d5
 Concen: 79.318 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036401.D
 Acq: 24 Aug 2018 6:38

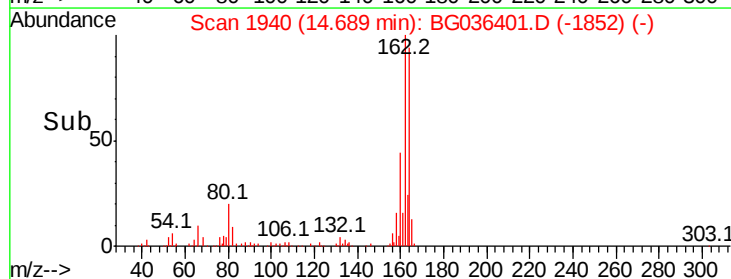
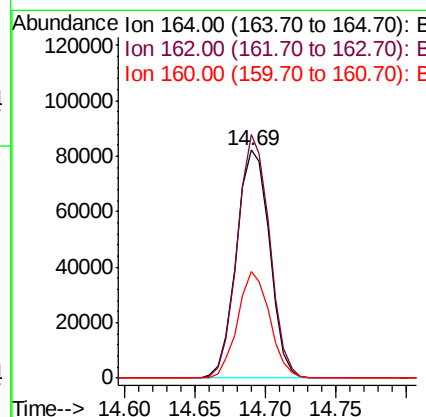
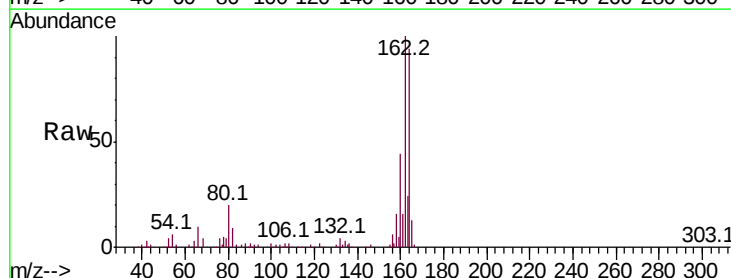
Instrument :
 BNA_G
 ClientSampleId :
 PB112276BL

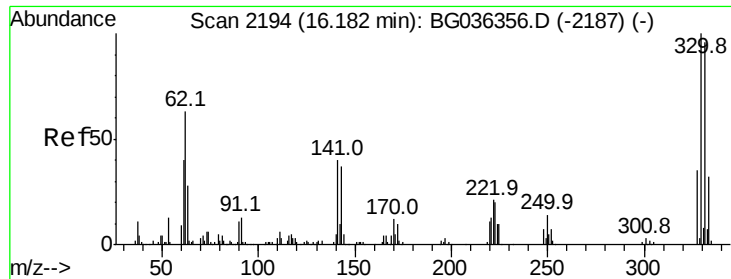
Tot Ion	82	Resp	301658
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	56.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036401.D
 Acq: 24 Aug 2018 6:38

Tgt Ion	164	Resp	134417
Ion	Ratio	Lower	Upper
164	100		
162	106.8	80.7	121.1
160	46.8	35.3	52.9

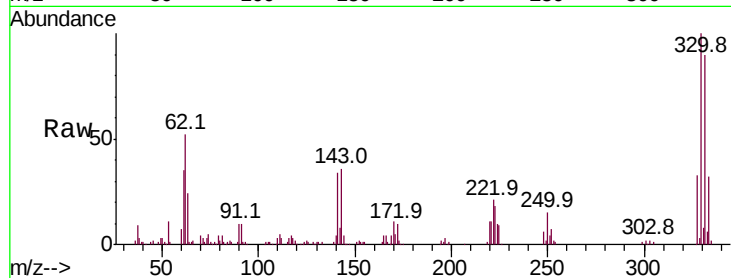




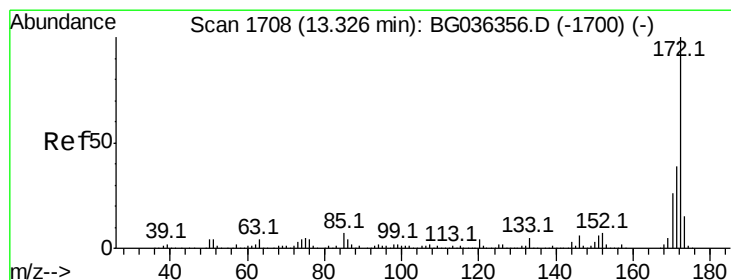
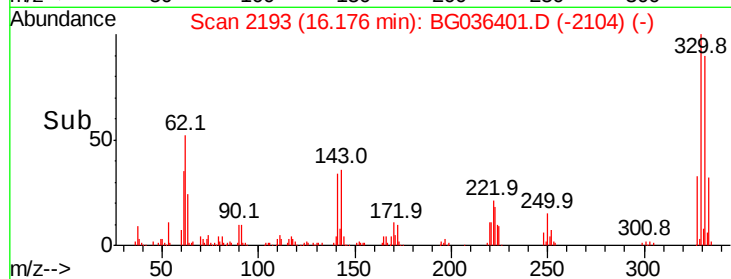
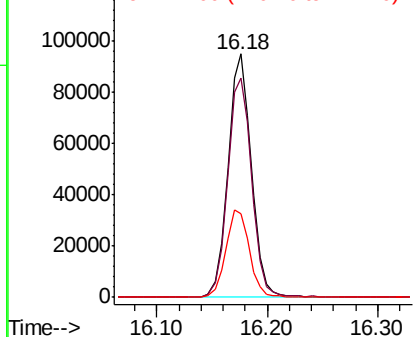
#41
 2,4,6-Tribromophenol
 Concen: 87.766 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036401.D
 Acq: 24 Aug 2018 6:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112276BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	75.4	113.2
141	36.4	30.7	46.1

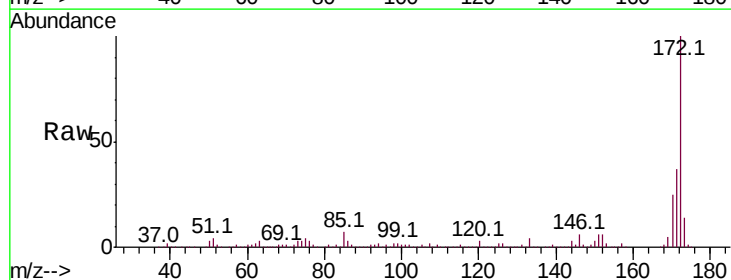


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

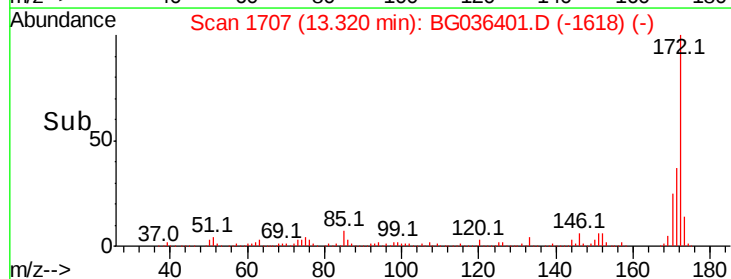
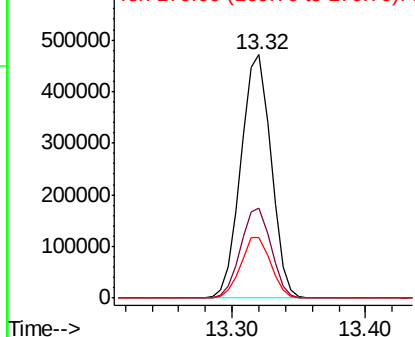


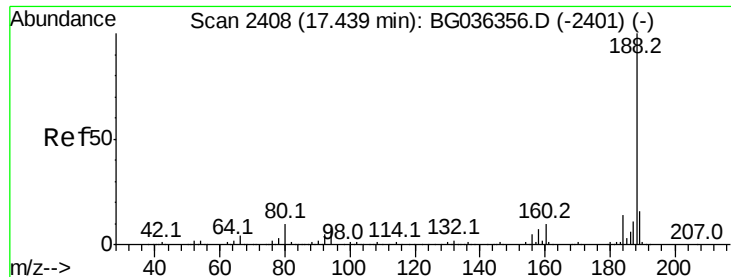
#44
 2-Fluorobiphenyl
 Concen: 78.160 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036401.D
 Acq: 24 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.9	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

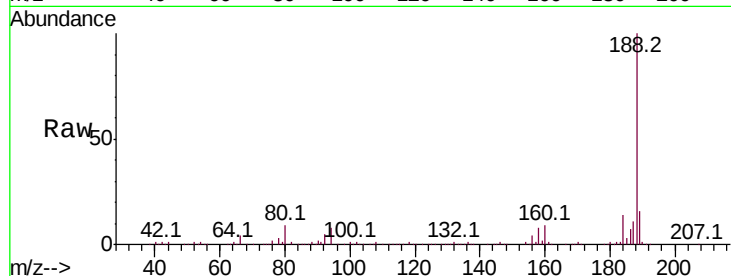




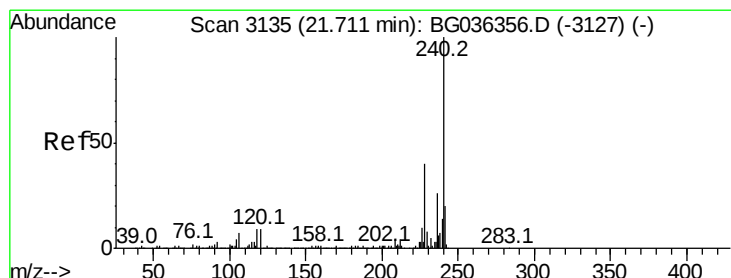
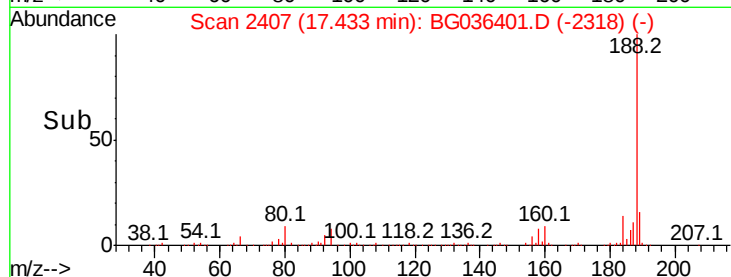
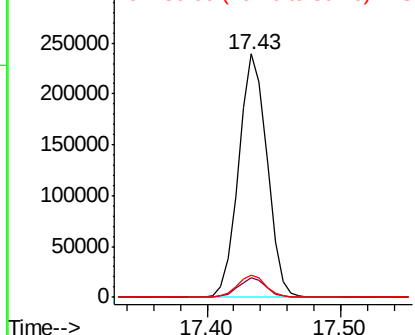
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036401.D
Acq: 24 Aug 2018 6:38

Instrument :
BNA_G
ClientSampleId :
PB112276BL

Tot Ion:188 Resp: 351416
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.3 8.1 12.1

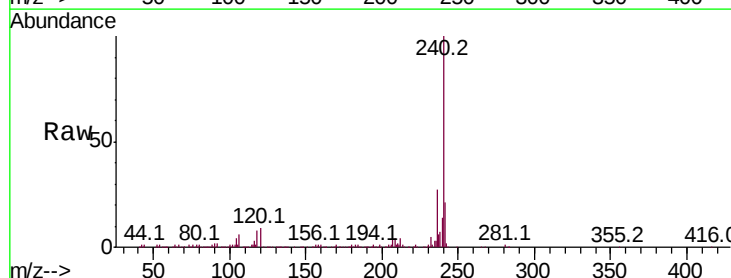


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

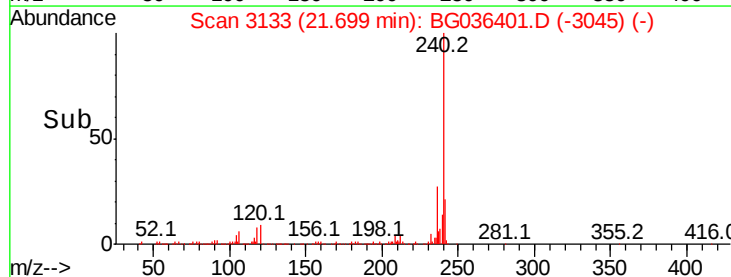
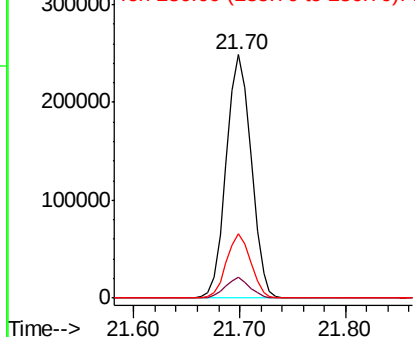


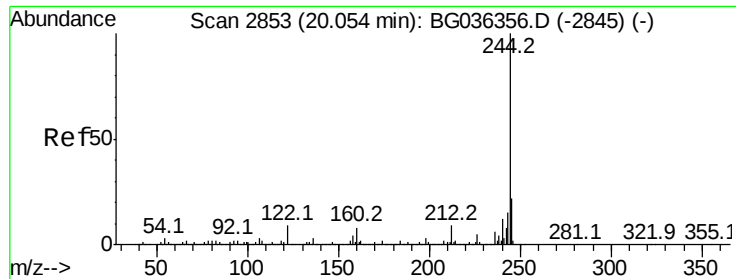
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036401.D
Acq: 24 Aug 2018 6:38

Tgt Ion:240 Resp: 408068
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.6 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: 72.282 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036401.D

Acq: 24 Aug 2018 6:38

Instrument :

BNA_G

ClientSampleId :

PB112276BL

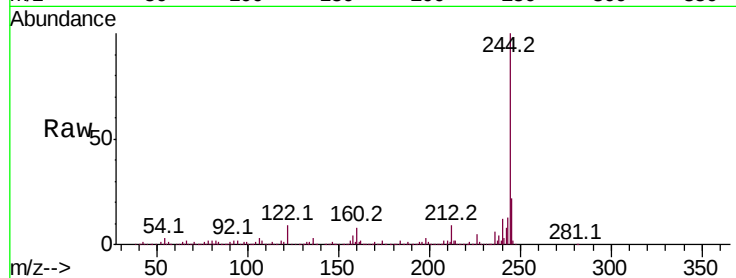
Tot Ion:244 Resp: 1261944

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

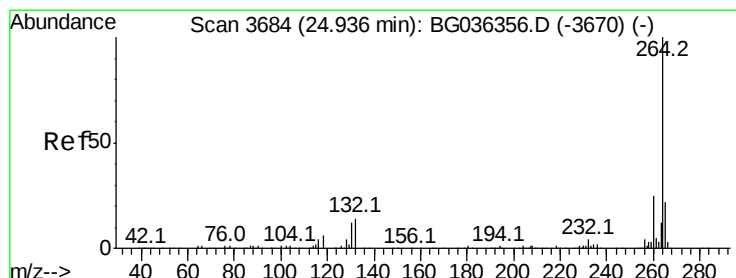
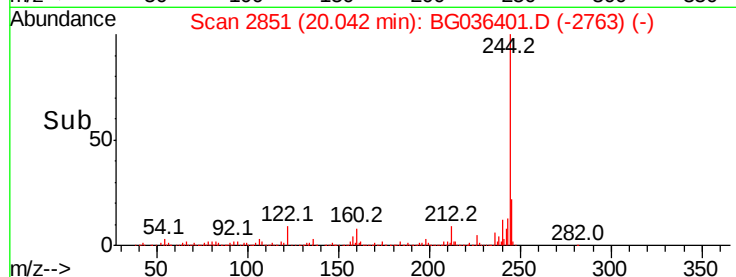
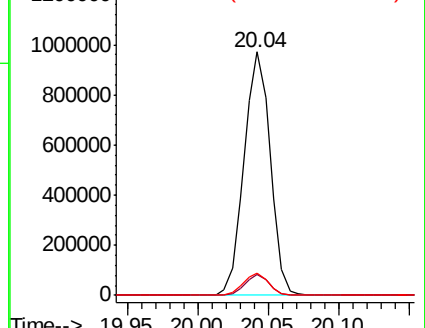
122 9.2 7.1 10.7



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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036401.D

Acq: 24 Aug 2018 6:38

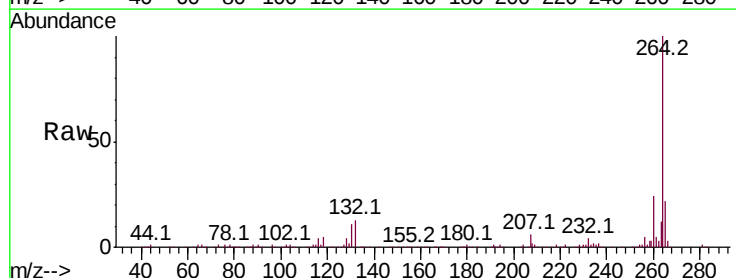
Tgt Ion:264 Resp: 407994

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.9 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

