

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028705.D
 Acq On : 13 Sep 2017 19:24
 Operator : SJ/JU
 Sample : I5189-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:43:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

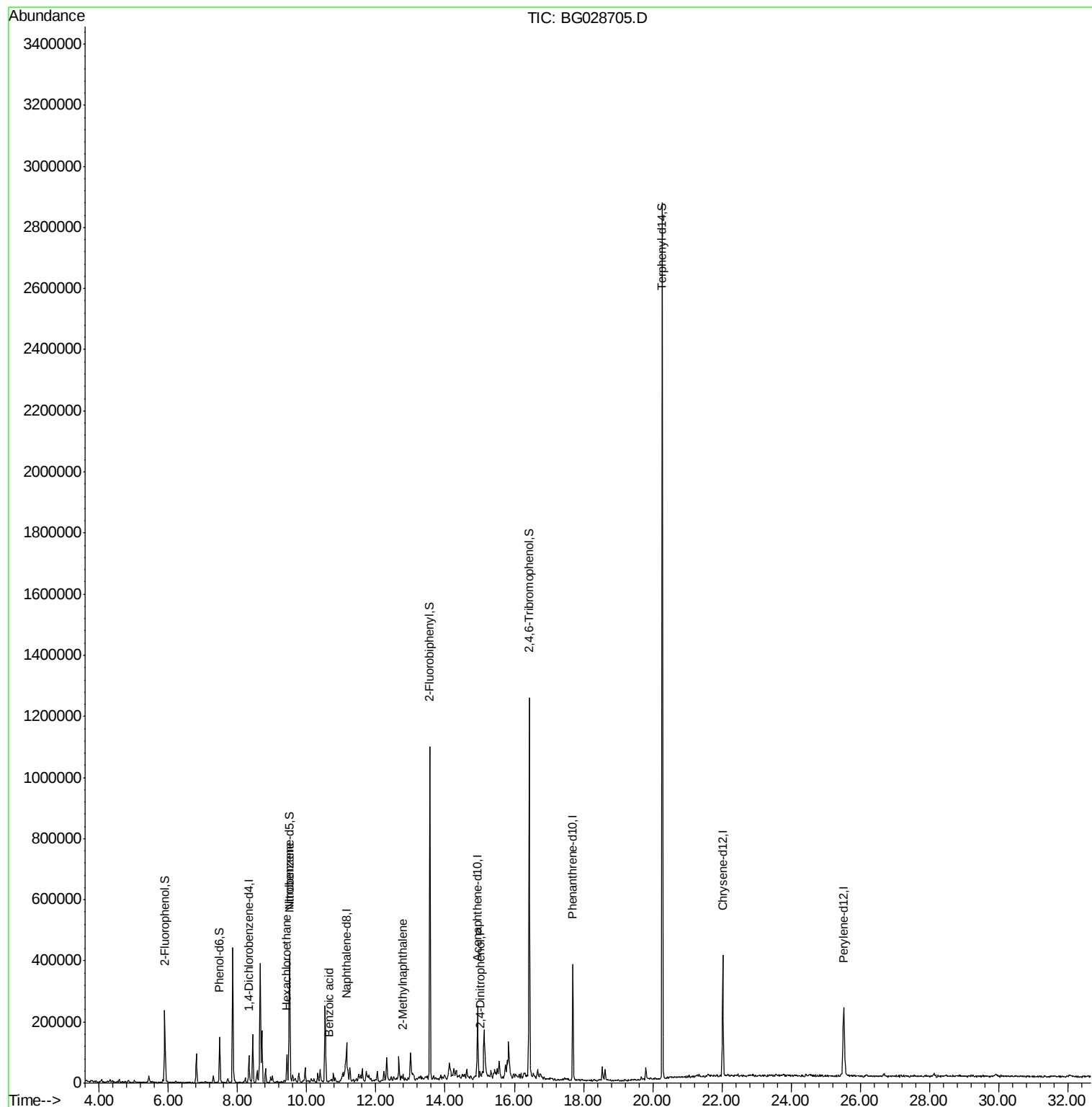
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25183	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	101065	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	89043	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	248428	20.00	ng	0.00
75) Chrysene-d12	22.03	240	278343	20.00	ng	0.00
86) Perylene-d12	25.52	264	290820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	103559	67.85	ng	0.00
7) Phenol-d6	7.48	99	90452	39.36	ng	0.00
23) Nitrobenzene-d5	9.50	82	223484	105.78	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	261480	177.55	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	600099	89.87	ng	0.00
78) Terphenyl-d14	20.28	244	1342791	102.88	ng	0.00
Target Compounds						
18) Hexachloroethane	9.44	117	20451	29.620	ng	# 20
24) Nitrobenzene	9.51	77	5588	2.389	ng	# 6
32) Benzoic acid	10.65	122	55	6.123	ng	# 1
37) 2-Methylnaphthalene	12.78	142	9308	2.362	ng	96
53) 2,4-Dinitrophenol	15.03	184	55	8.058	ng	# 15

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

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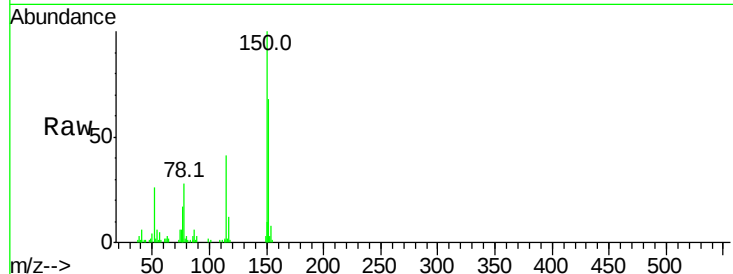


#1

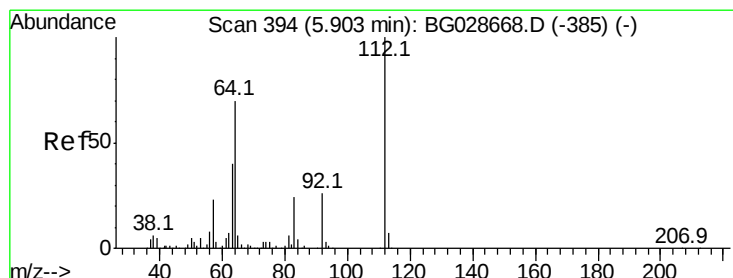
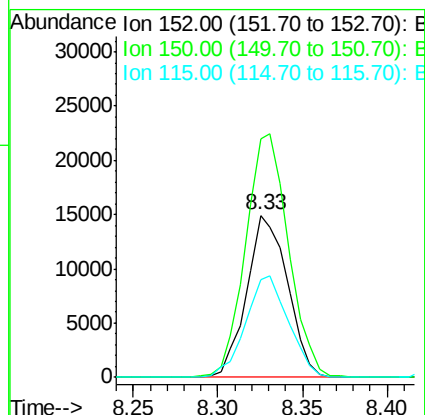
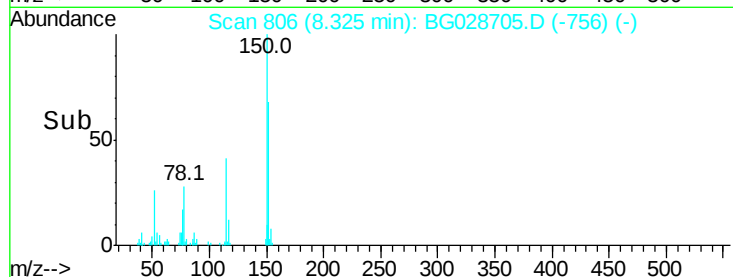
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	114.0	171.0
115	60.0	48.1	72.1



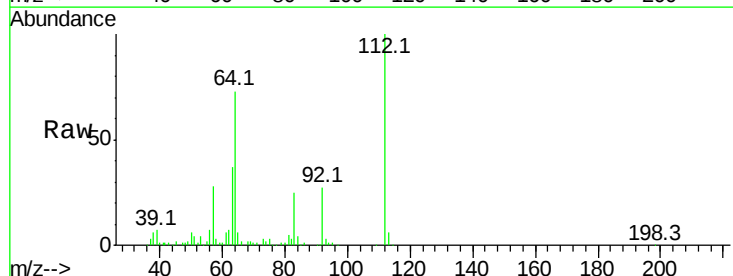
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



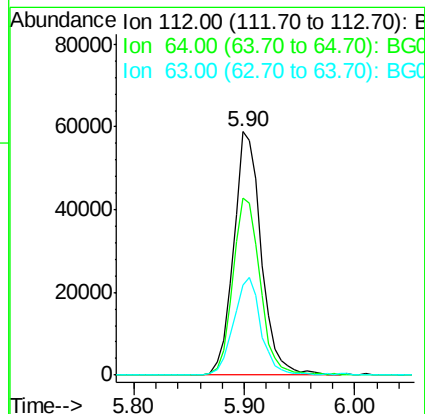
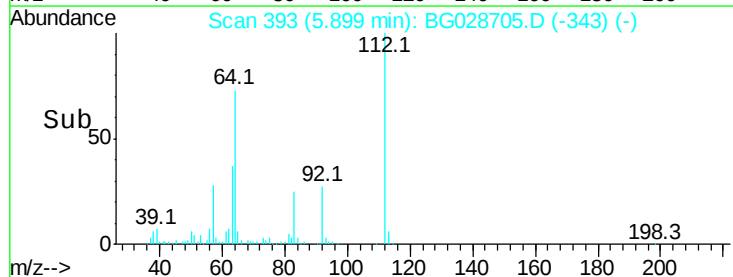
#5

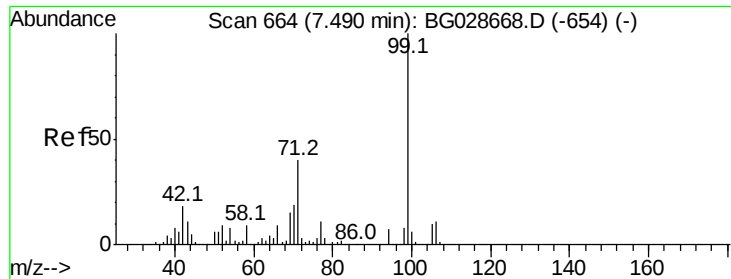
2-Fluorophenol
Concen: 67.854 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	61.8	92.6
63	36.9	37.2	55.8#



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: 39.363 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028705.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_G

ClientSampleId :

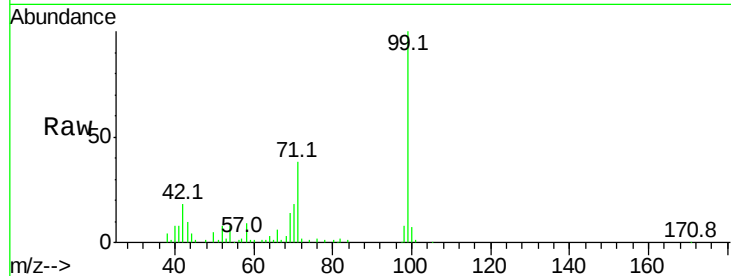
Tot Ion: 99 Resp: 90452

Ion Ratio Lower Upper

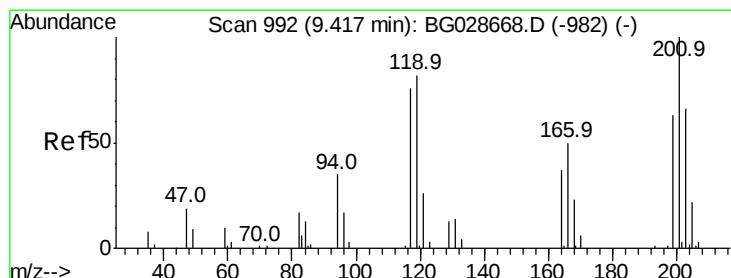
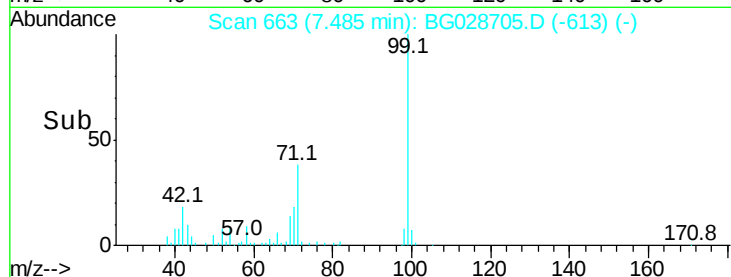
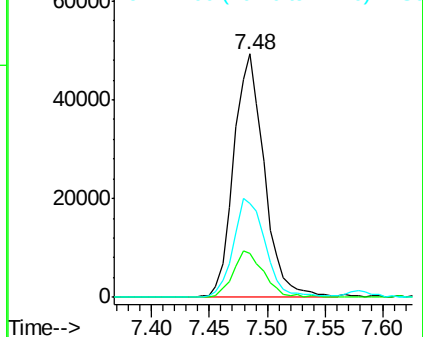
99 100

42 18.1 20.5 30.7#

71 38.3 37.6 56.4



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



#18

Hexachloroethane

Concen: 29.620 ng

RT: 9.44 min Scan# 995

Delta R.T. 0.02 min

Lab File: BG028705.D

Acq: 13 Sep 2017 19:24

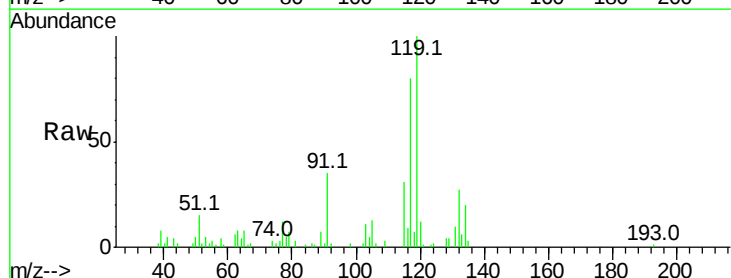
Tgt Ion: 117 Resp: 20451

Ion Ratio Lower Upper

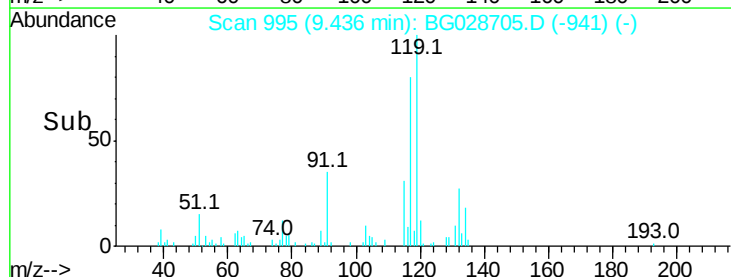
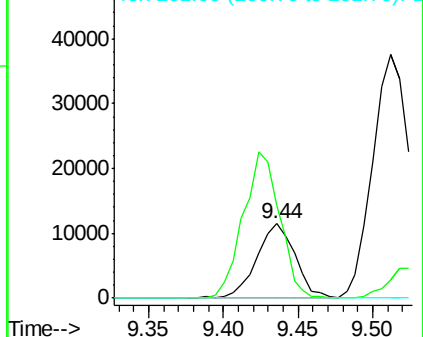
117 100

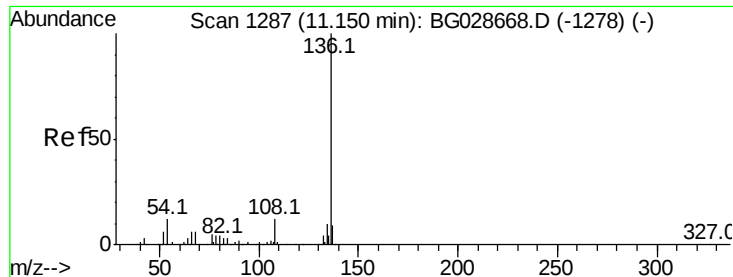
119 125.8 69.8 104.6#

201 0.0 95.4 143.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

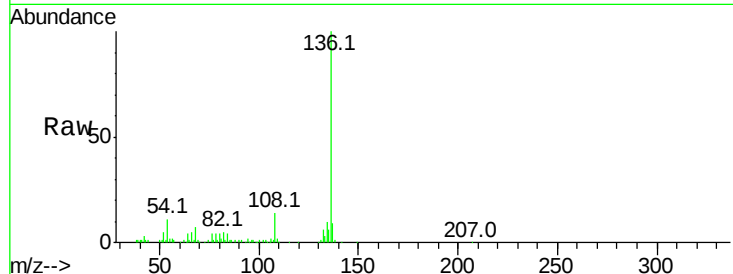




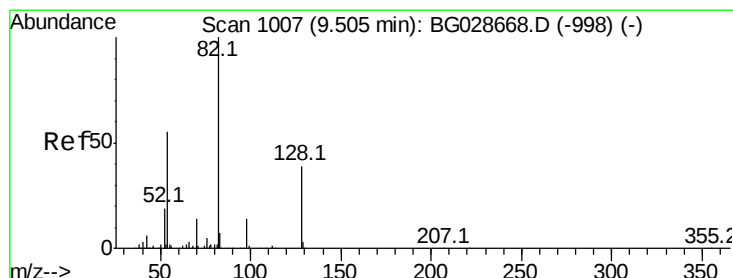
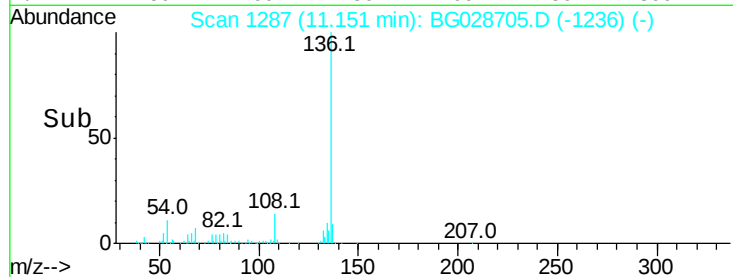
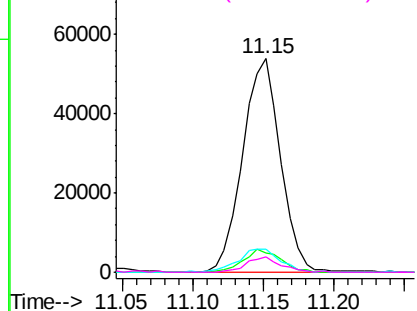
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	101065
Ion	Ratio	Lower	Upper
136	100		
137	8.8	8.9	13.3#
54	10.9	9.3	13.9
68	7.2	5.1	7.7

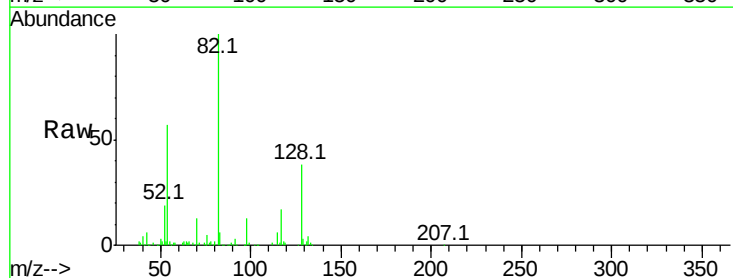


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

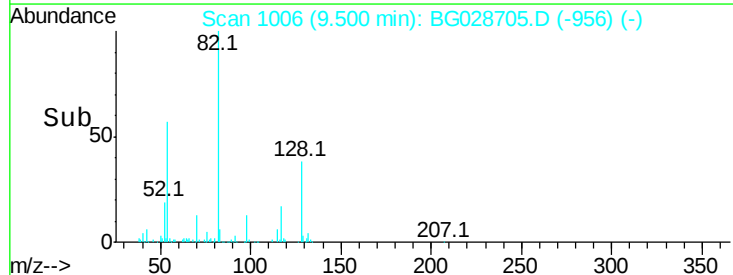
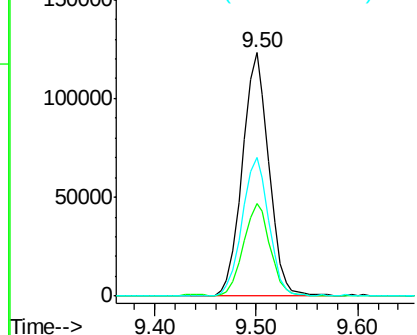


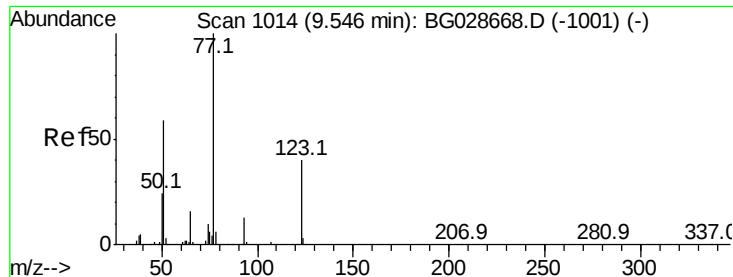
#23
Nitrobenzene-d5
Concen: 105.782 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Tgt Ion:	82	Resp:	223484
Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	56.7	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

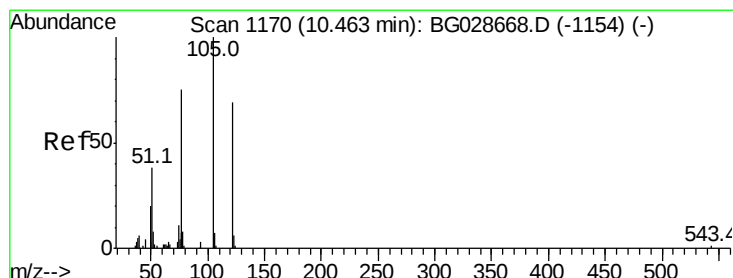
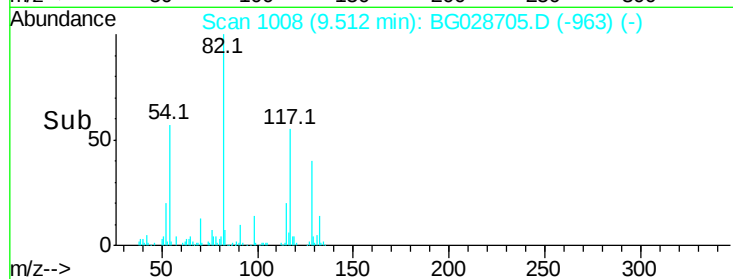
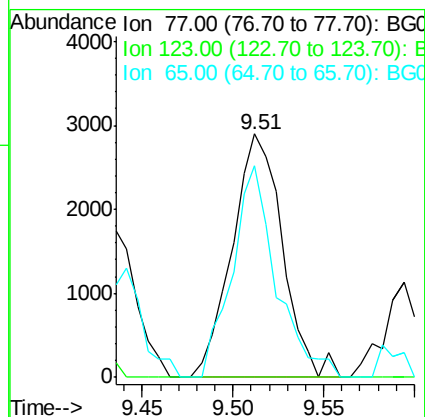
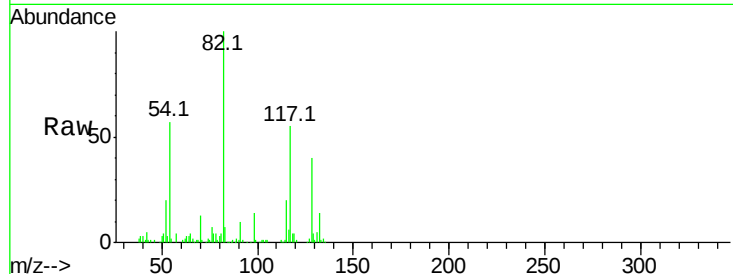




#24
Nitrobenzene
Concen: 2.389 ng
RT: 9.51 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

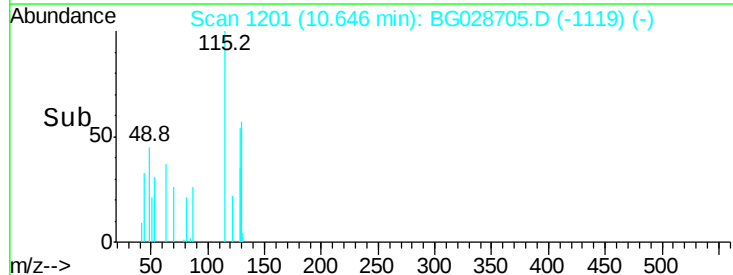
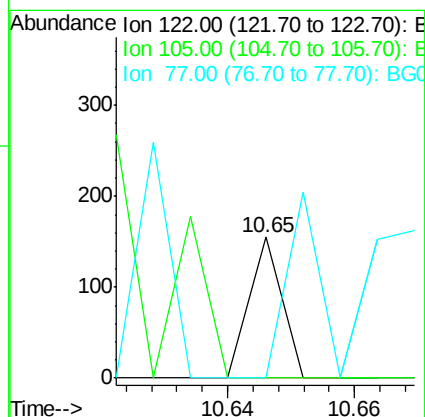
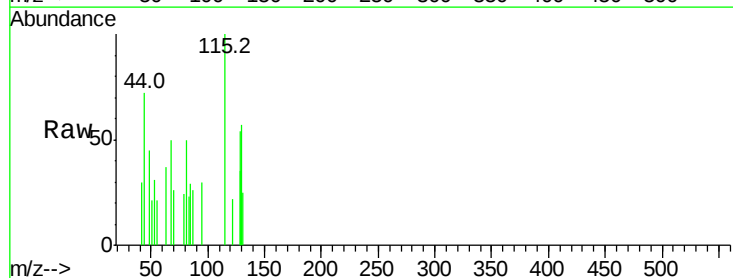
Instrument :
BNA_G
ClientSampled :

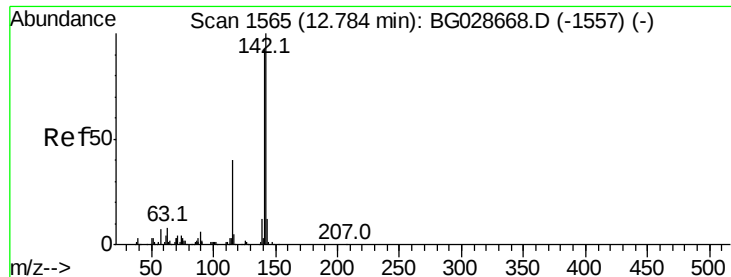
Tot Ion: 77 Resp: 5588
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 86.9 12.4 18.6#



#32
Benzoic acid
Concen: 6.123 ng
RT: 10.65 min Scan# 1201
Delta R.T. 0.18 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

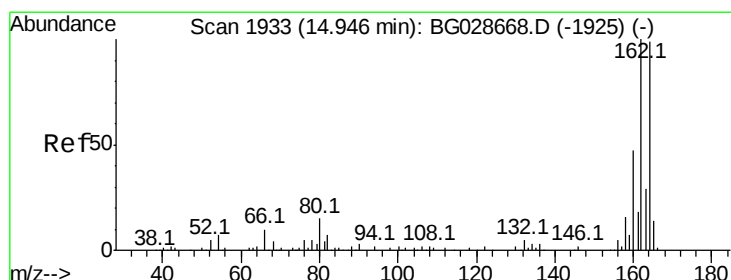
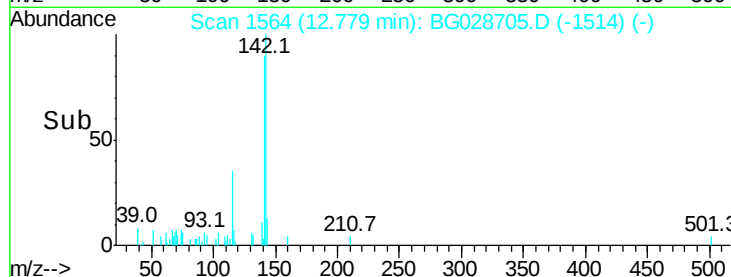
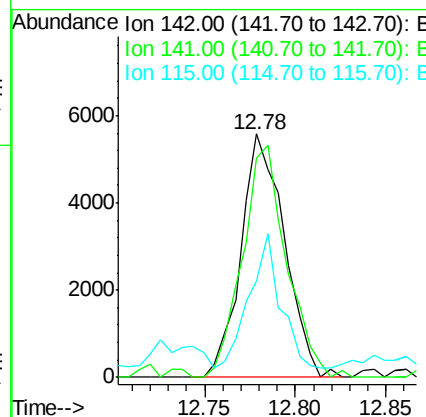
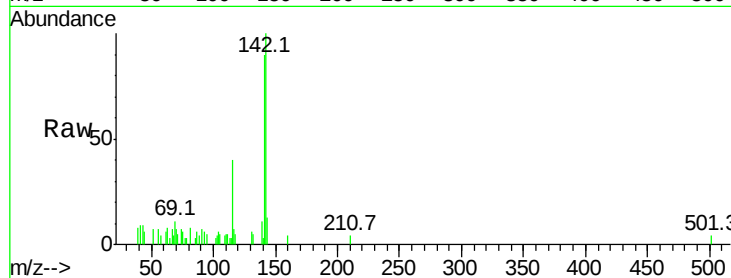




#37
2-Methylnaphthalene
Concen: 2.362 ng
RT: 12.78 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

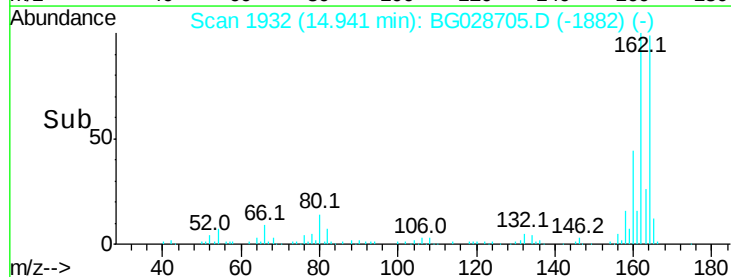
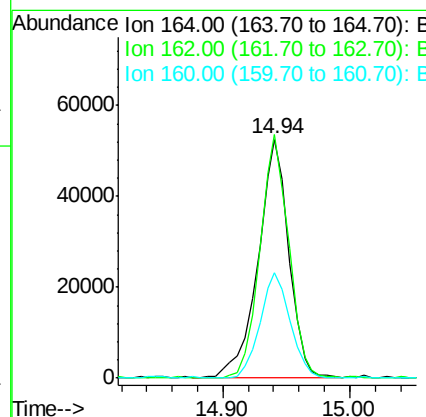
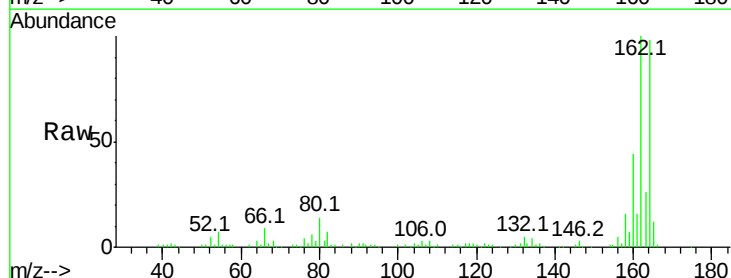
Instrument :
BNA_G
ClientSampleId :

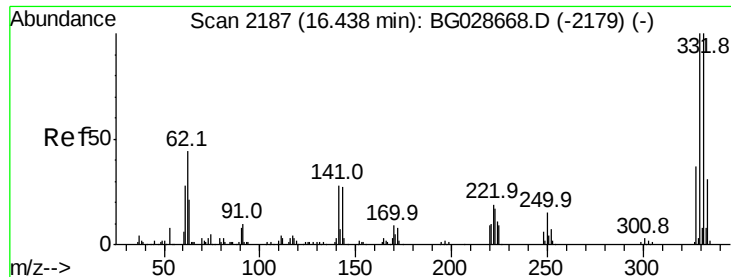
Tot Ion:142 Resp: 9308
Ion Ratio Lower Upper
142 100
141 90.3 70.4 105.6
115 39.8 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

Tgt Ion:164 Resp: 89043
Ion Ratio Lower Upper
164 100
162 101.8 85.1 127.7
160 44.3 34.7 52.1

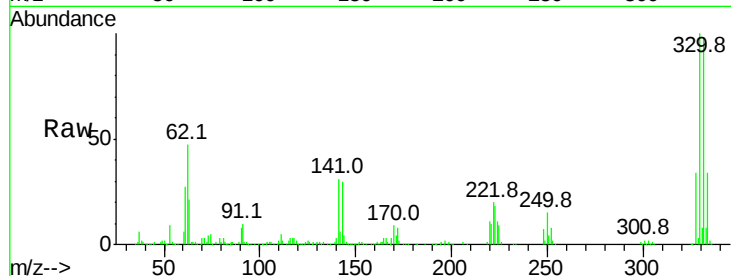




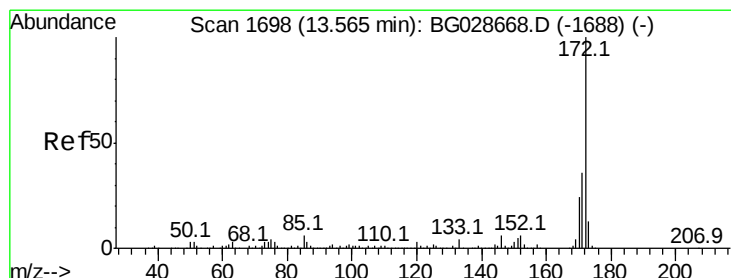
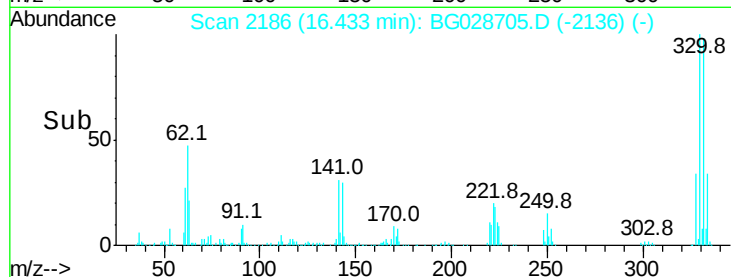
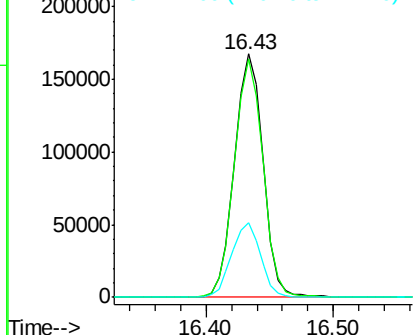
#41
 2,4,6-Tribromophenol
 Concen: 177.549 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 261480
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.3 115.9
 141 31.2 32.1 48.1#

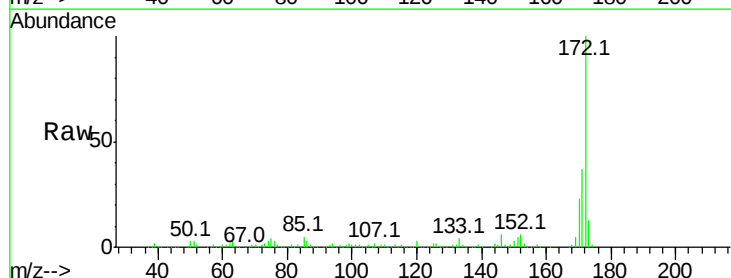


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

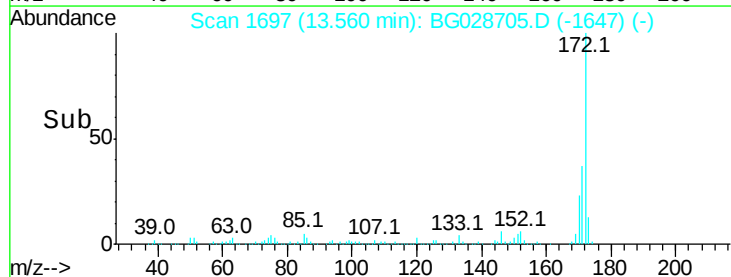
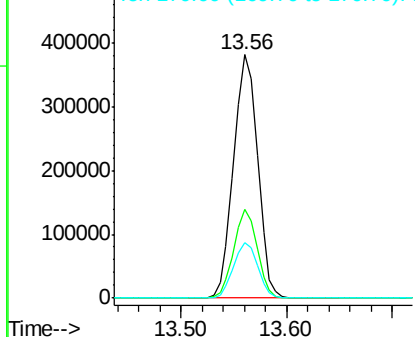


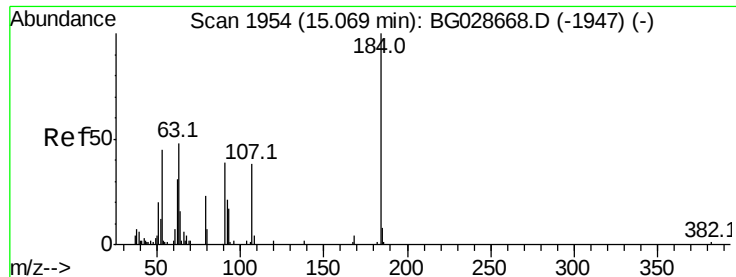
#44
 2-Fluorobiphenyl
 Concen: 89.865 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

Tgt Ion:172 Resp: 600099
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 22.7 21.8 32.6



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

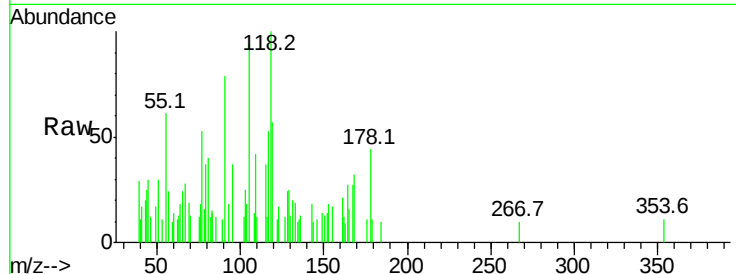




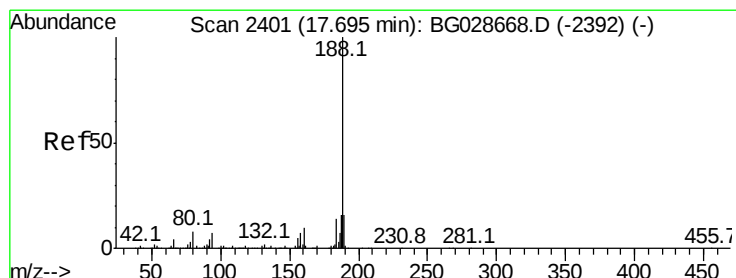
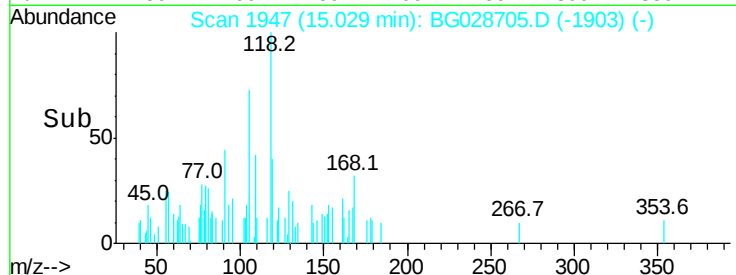
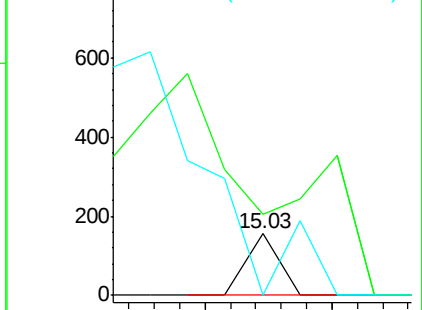
#53
 2,4-Dinitrophenol
 Concen: 8.058 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 132.9 52.7 79.1#
 154 0.0 57.3 85.9#

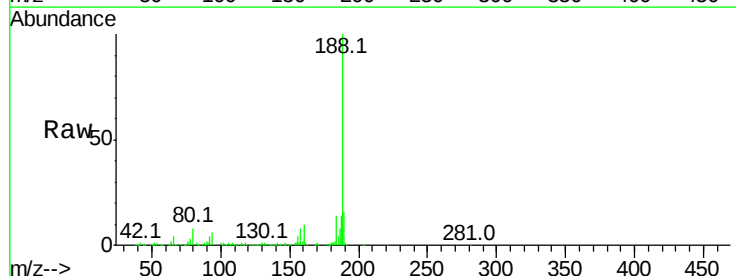


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

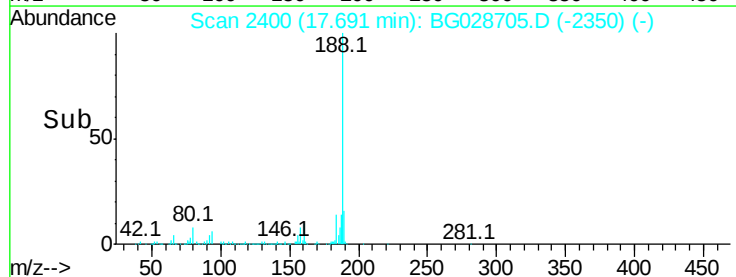
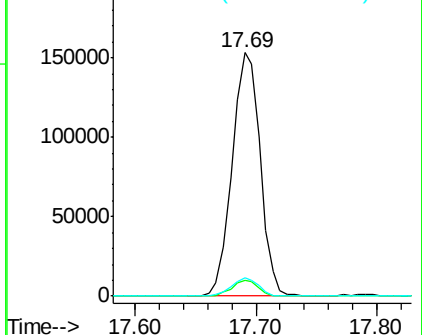


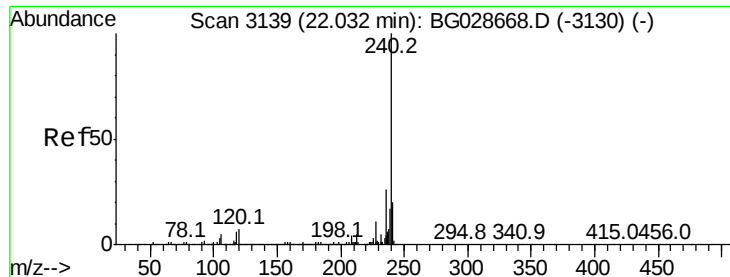
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

Tgt Ion:188 Resp: 248428
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.8 8.8
 80 7.8 7.5 11.3



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028705.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_G

ClientSampleId :

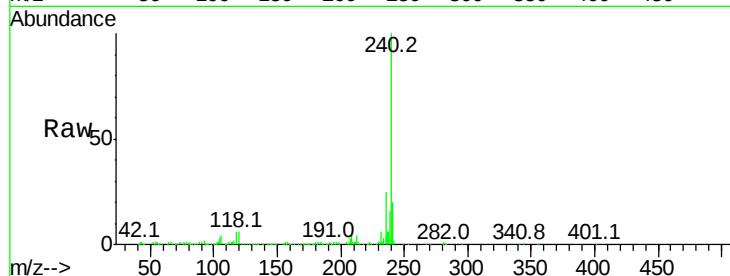
Tot Ion:240 Resp: 278343

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

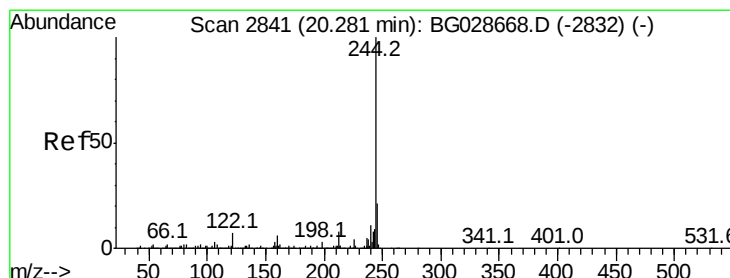
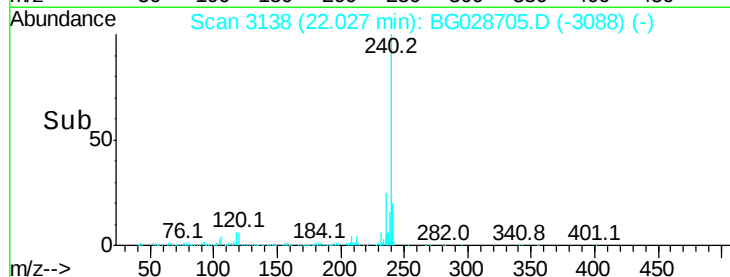
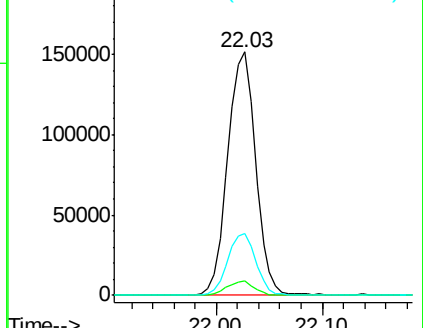
236 25.3 22.2 33.4



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: 102.880 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028705.D

Acq: 13 Sep 2017 19:24

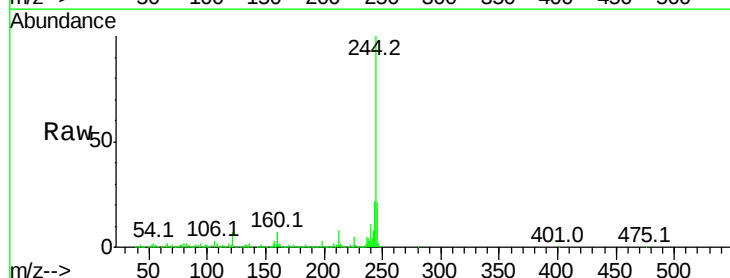
Tgt Ion:244 Resp: 1342791

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

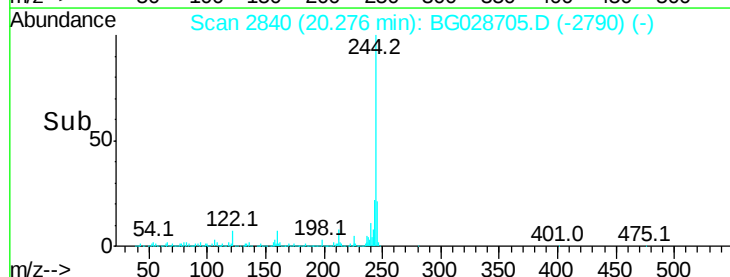
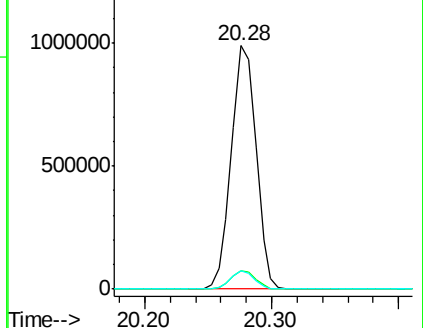
122 7.4 8.6 12.8#

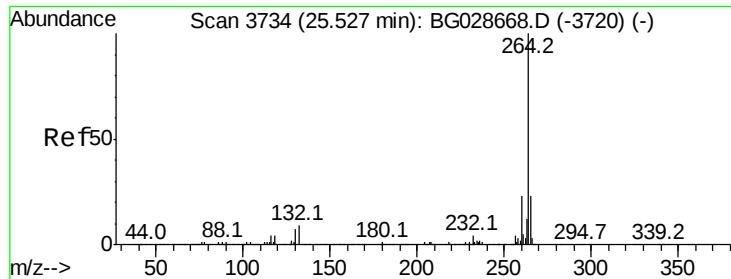


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.6	18.2	27.4

