

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 :
 PR-MW-02-090817

Quant Time: Sep 14 08:46:49 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

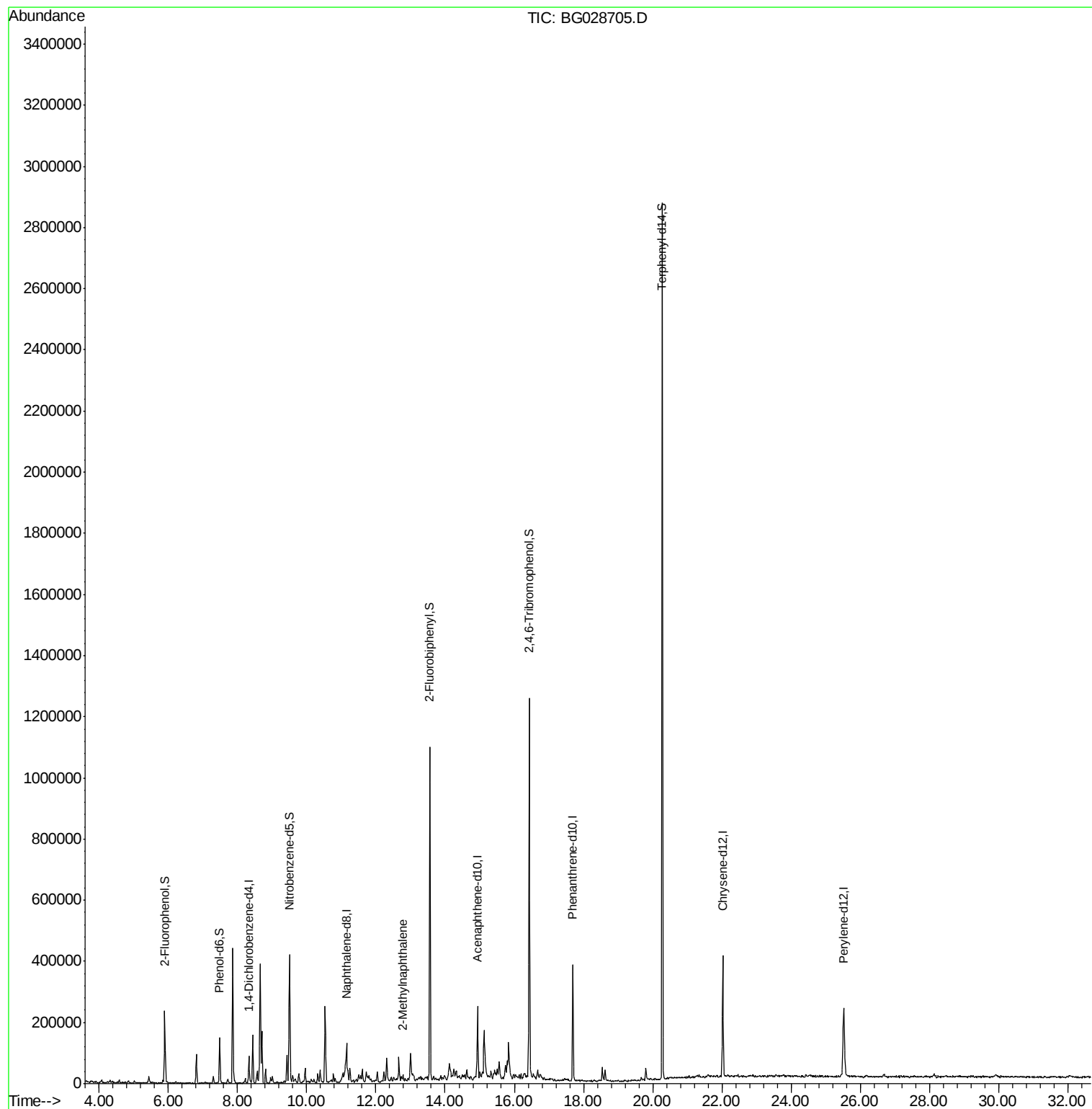
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25183	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	101065	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	89043	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	248428	20.00	ng	0.00
75) Chrysene-d12	22.03	240	278343	20.00	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						
37) 2-Methylnaphthalene	12.78	142	9308	2.362	ng	Qvalue 96

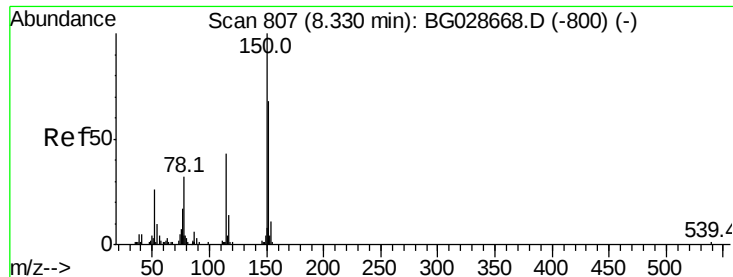
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_G

ClientSampleId :

PR-MW-02-090817

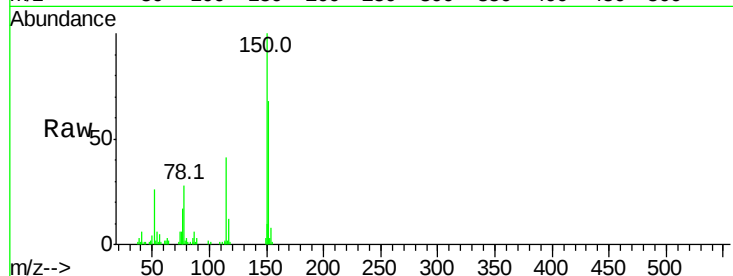
Tot Ion:152 Resp: 25183

Ion Ratio Lower Upper

152 100

150 147.4 114.0 171.0

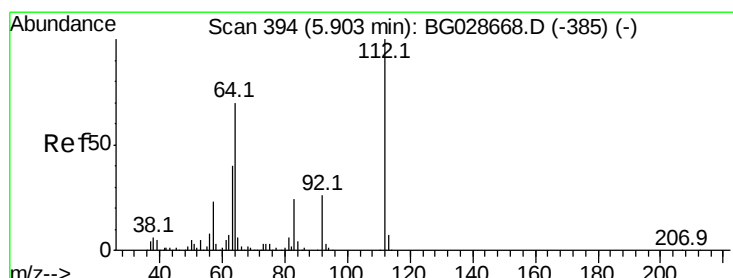
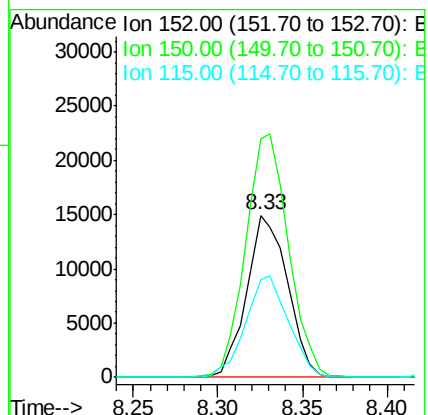
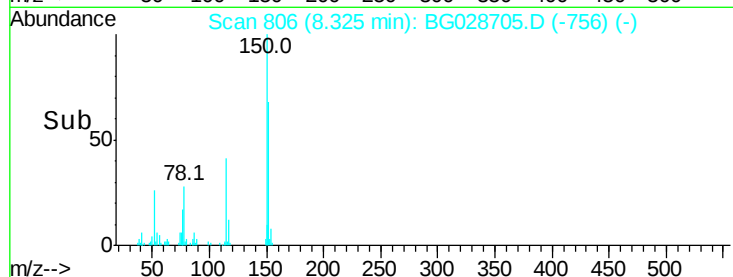
115 60.0 48.1 72.1



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

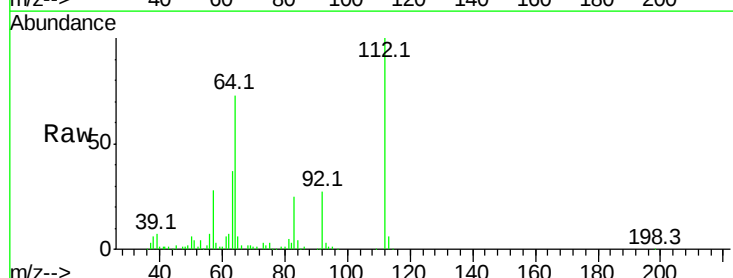
Tgt Ion:112 Resp: 103559

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

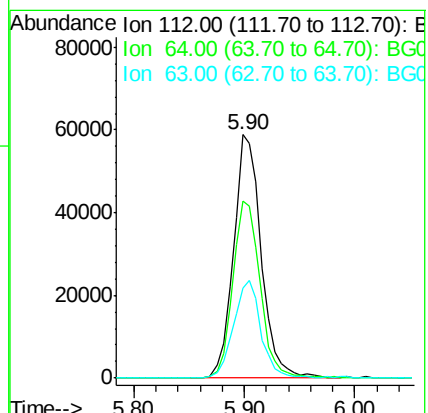
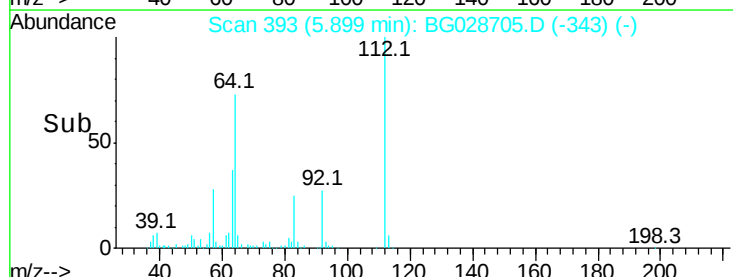
63 36.9 37.2 55.8#

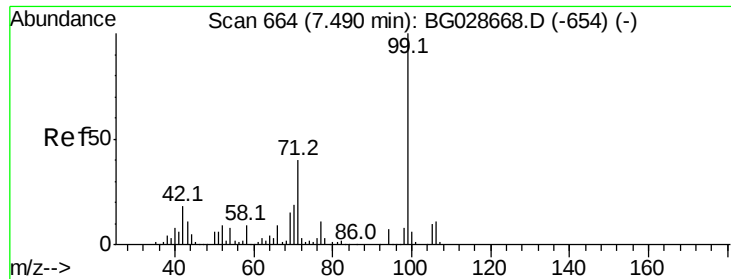


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

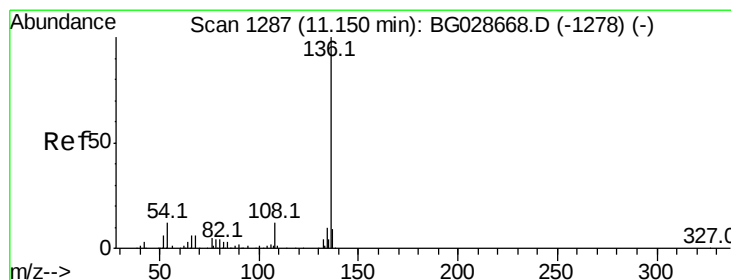
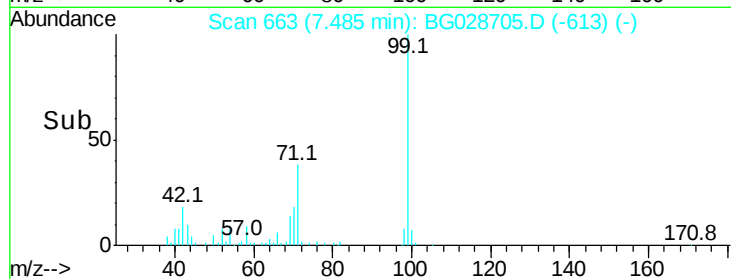
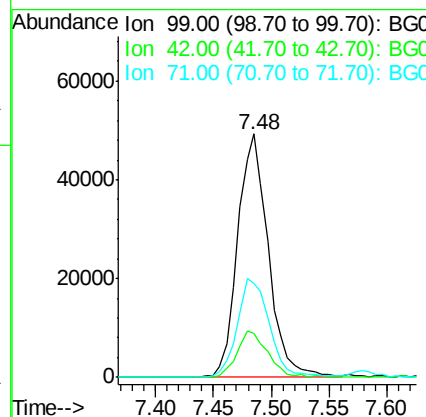
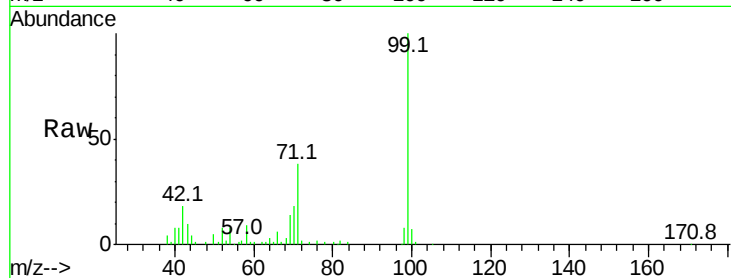
BNA_G

ClientSampleId :

PR-MW-02-090817

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

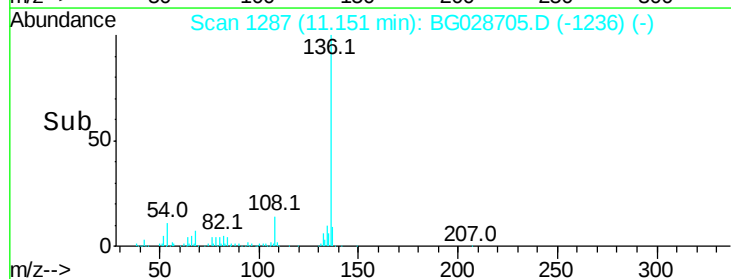
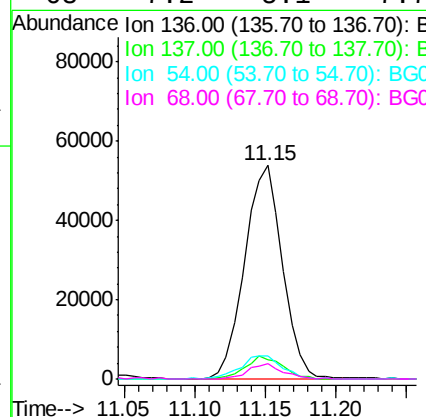
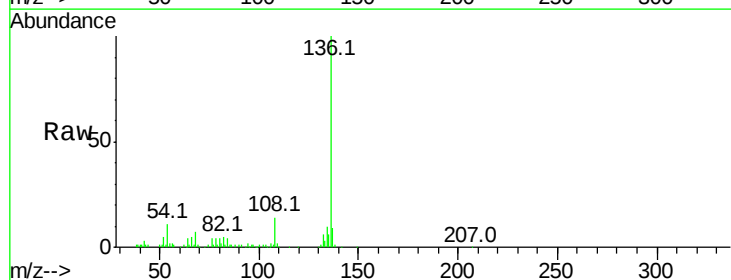
Delta R.T. 0.00 min

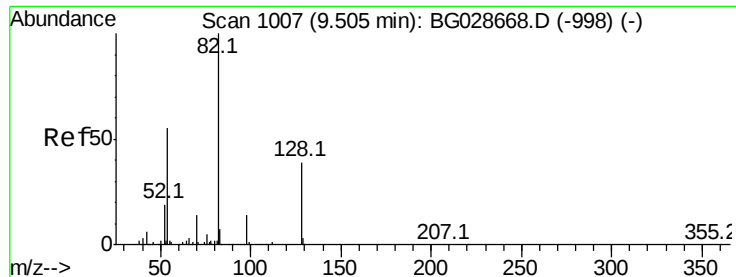
Lab File: BG028705.D

Acq: 13 Sep 2017 19:24

Tgt 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

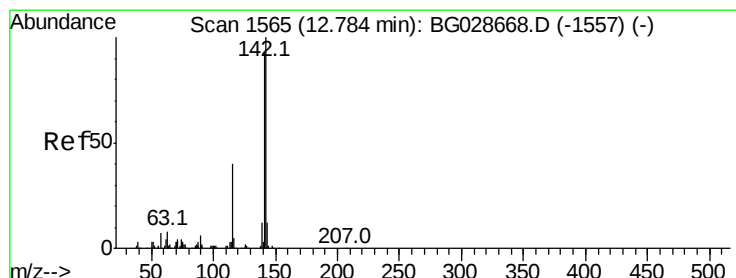
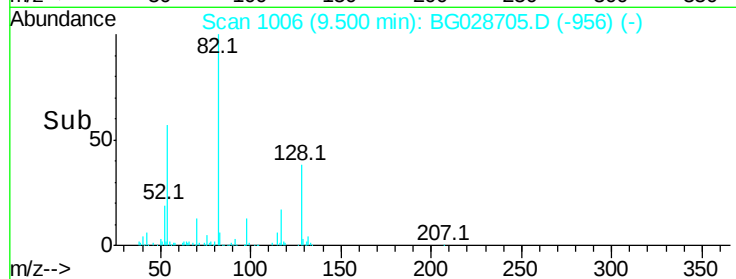
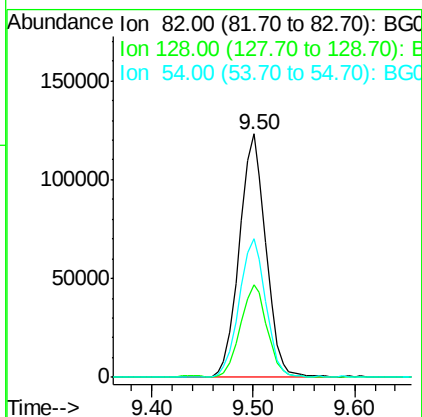
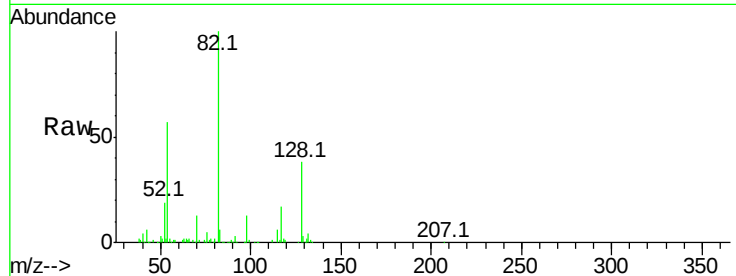




#23
 Nitrobenzene-d5
 Concen: 105.782 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

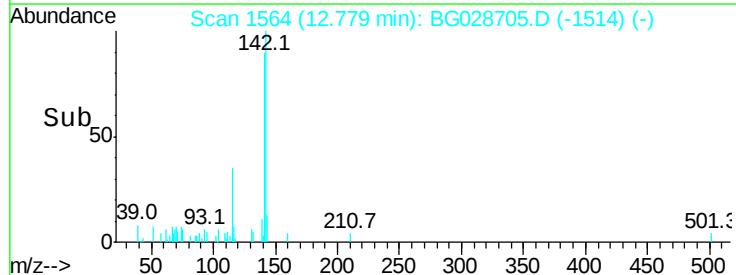
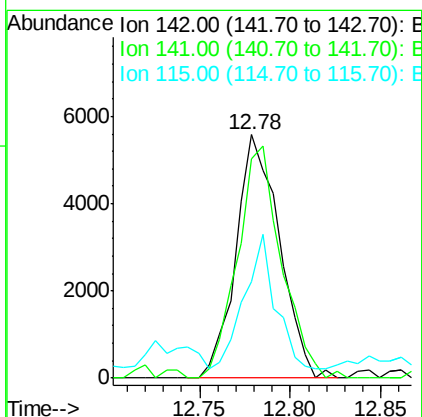
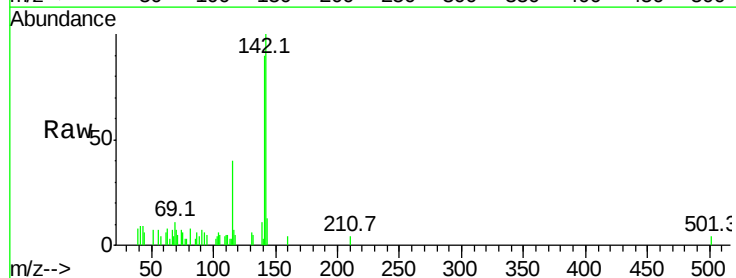
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-02-090817

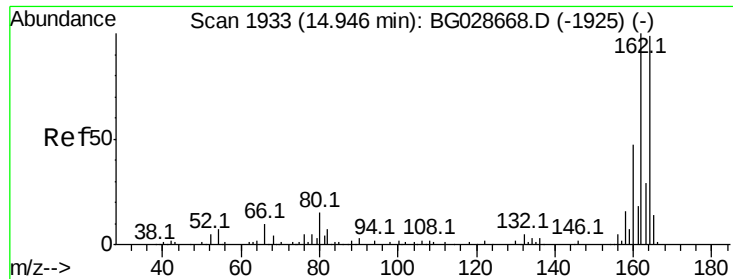
Tot Ion: 82 Resp: 223484
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.4 39.6
 54 56.7 49.4 74.2



#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

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

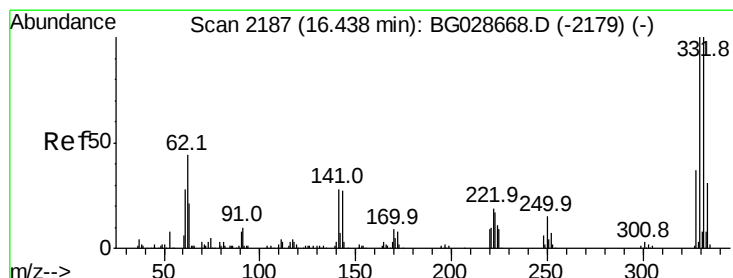
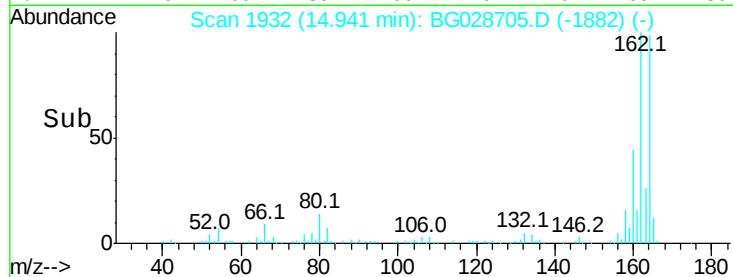
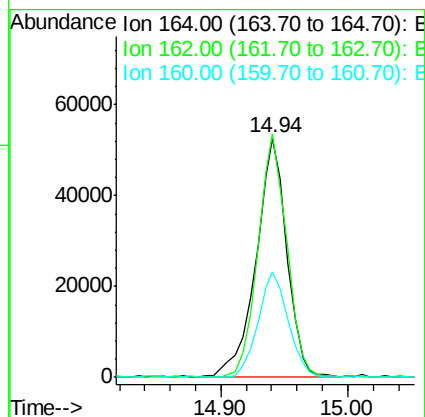
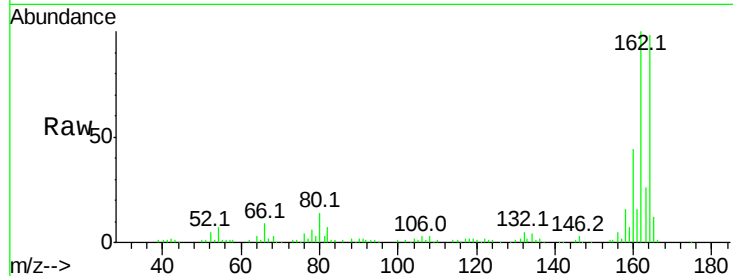




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG028705.D
 Acq: 13 Sep 2017 19:24

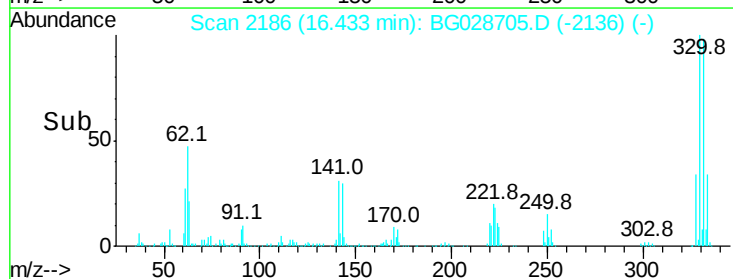
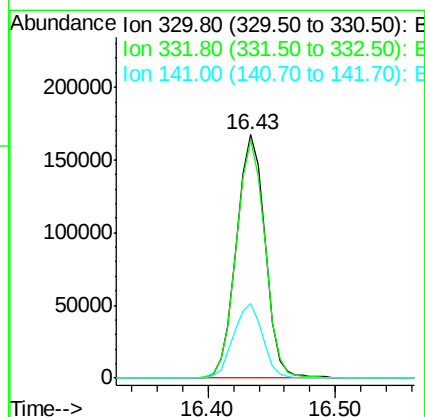
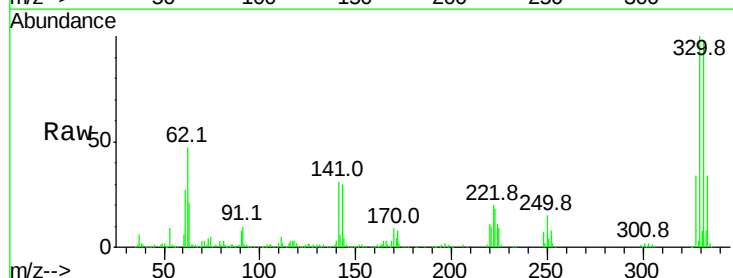
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-02-090817

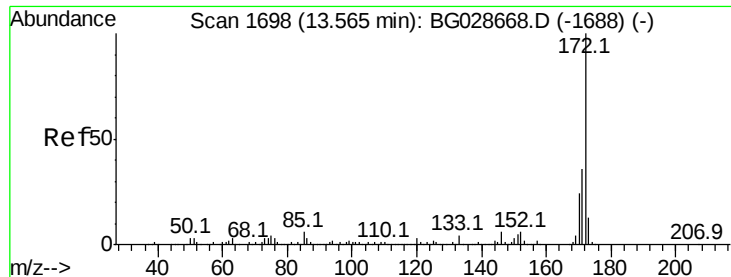
Tot Ion:164 Resp: 89043
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 44.3 34.7 52.1



#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

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

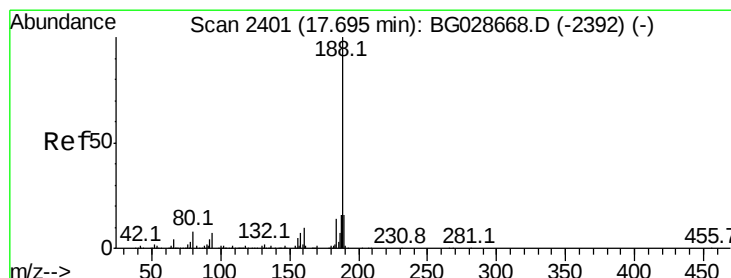
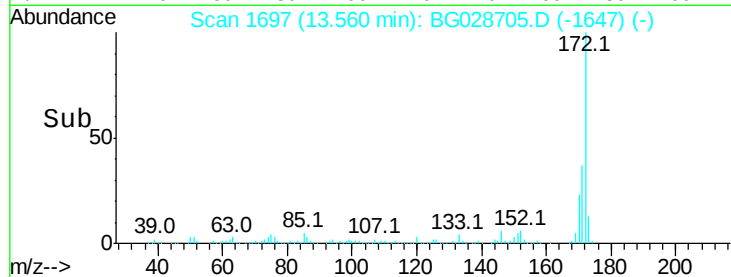
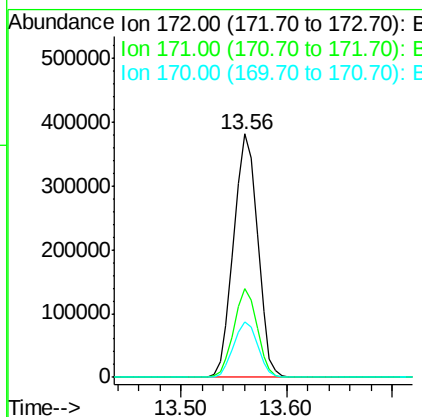
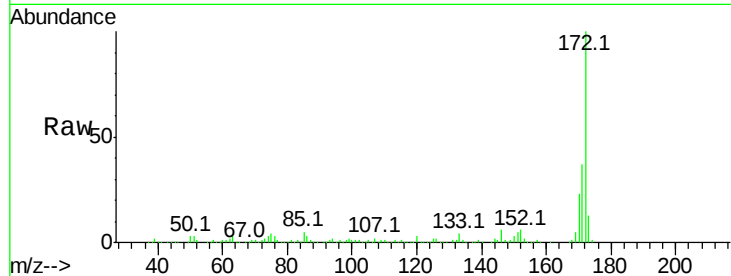




#44
2-Fluorobiphenyl
Concen: 89.865 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028705.D
Acq: 13 Sep 2017 19:24

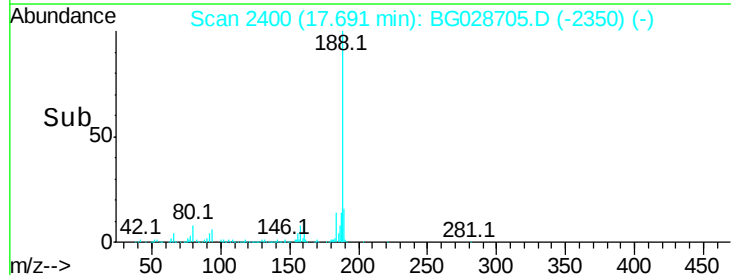
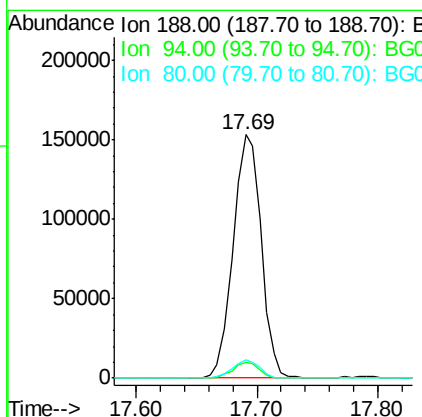
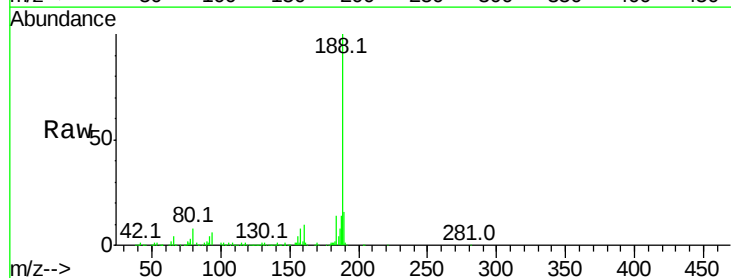
Instrument :
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ClientSampleId :
PR-MW-02-090817

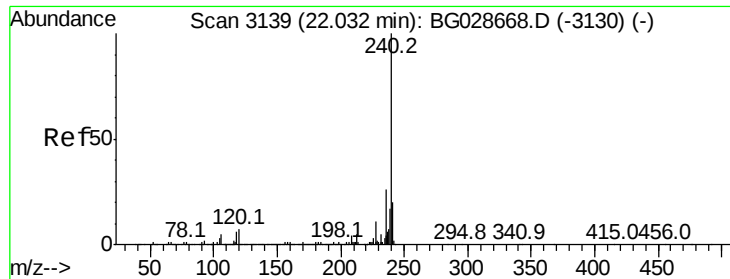
Tot Ion:172 Resp: 600099
Ion Ratio Lower Upper
172 100
171 36.7 32.2 48.2
170 22.7 21.8 32.6



#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





#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 :

PR-MW-02-090817

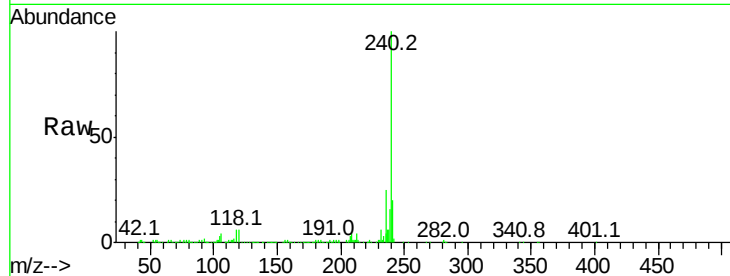
Tot Ion:240 Resp: 278343

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

200000

150000

100000

50000

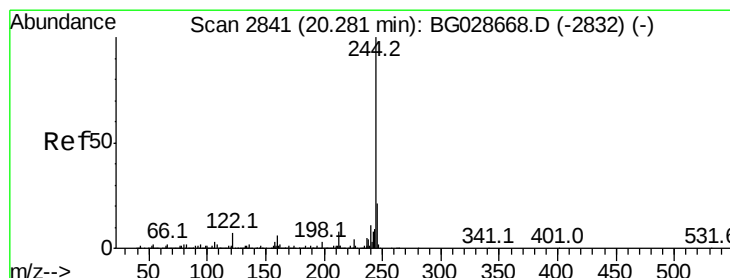
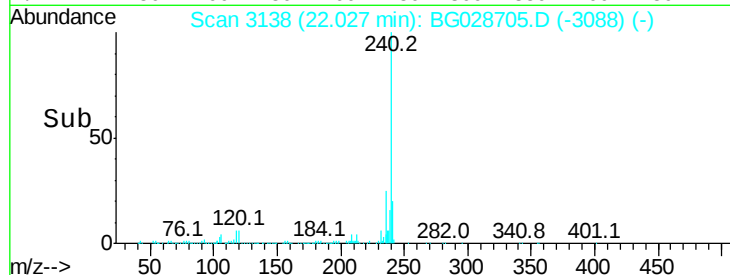
0

22.03

22.00

22.10

Time-->



#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

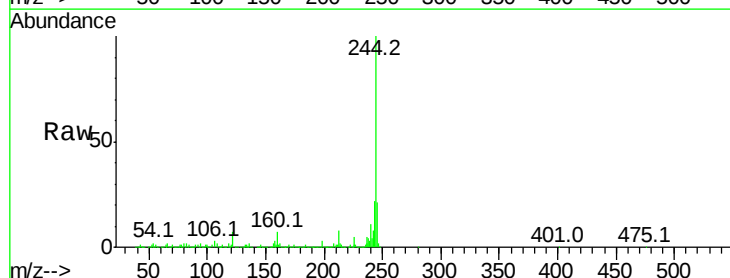
Tgt Ion:244 Resp: 1342791

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

1000000

500000

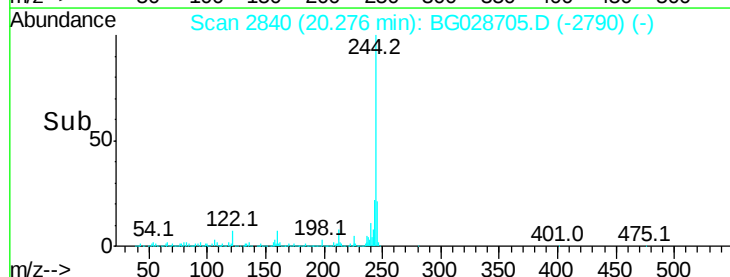
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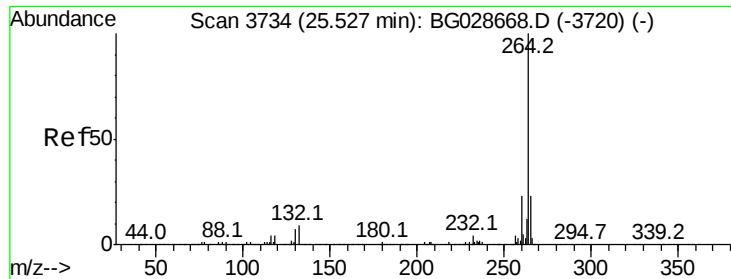
20.28

20.20

20.30

Time-->





#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 :
PR-MW-02-090817

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

