

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025994.D
 Acq On : 28 Feb 2017 10:57
 Operator : SJ/MA
 Sample : PB97196BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 12:13:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	85458	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	398362	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	278274	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	810420	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	857985	20.00	ng	-0.02
86) Perylene-d12	24.85	264	825482	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	752231	153.25	ng	-0.01
7) Phenol-d6	7.23	99	1037894	142.89	ng	0.00
23) Nitrobenzene-d5	9.23	82	550742	87.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	530456	206.33	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1556214	97.72	ng	-0.02
78) Terphenyl-d14	20.00	244	2699813	76.53	ng	-0.02

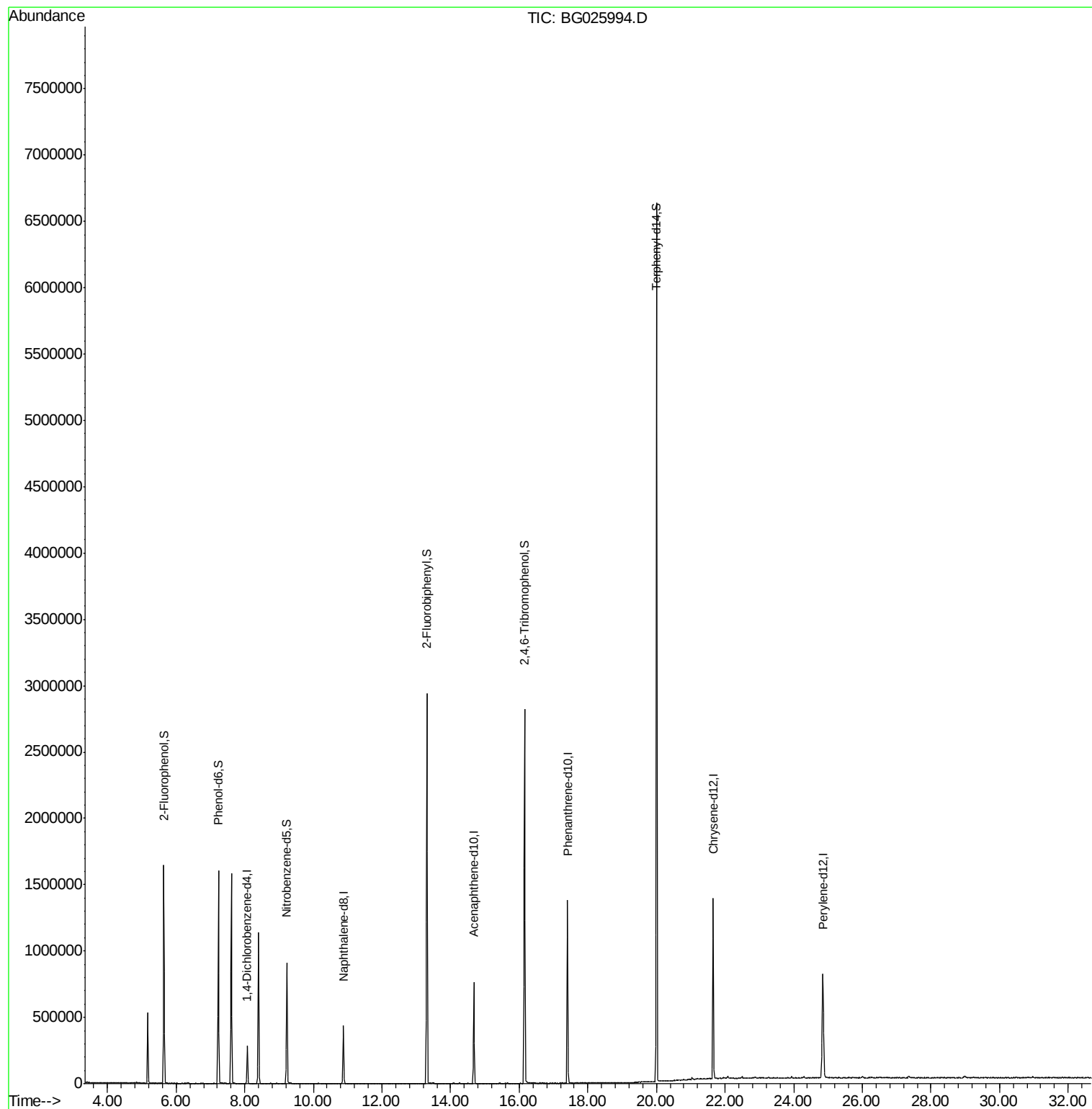
Target Compounds Qvalue

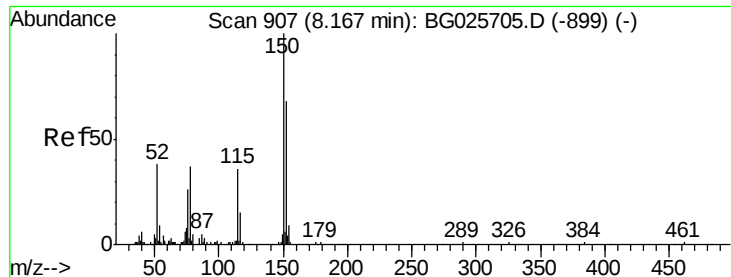
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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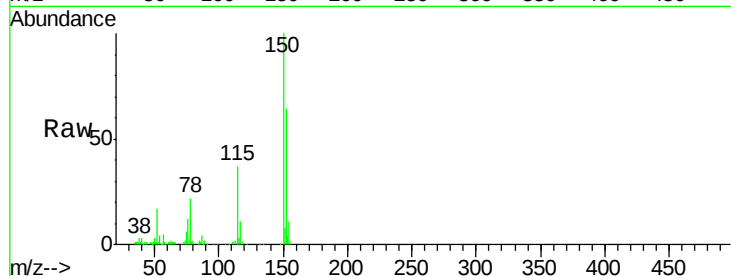


#1

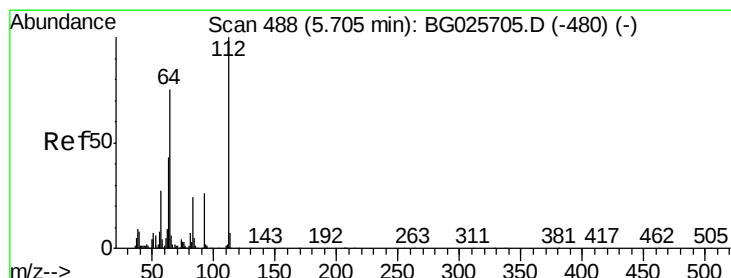
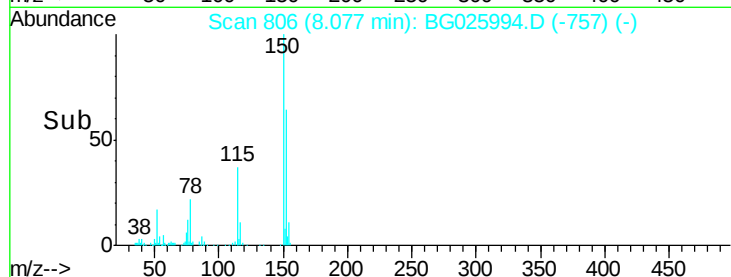
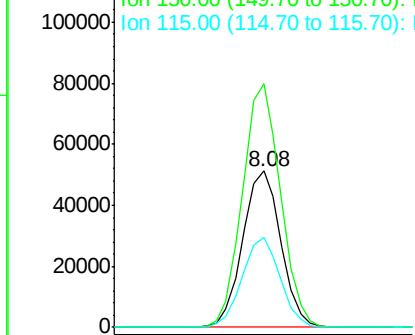
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 10:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	114.0	171.0
115	57.6	48.1	72.1



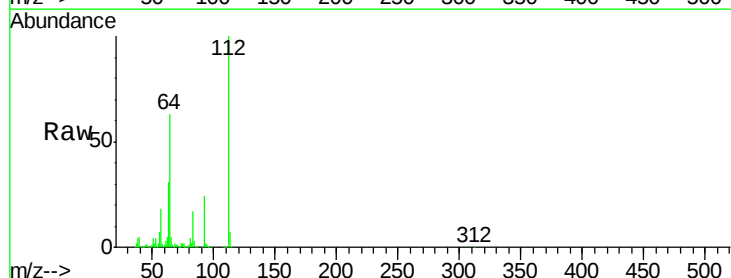
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



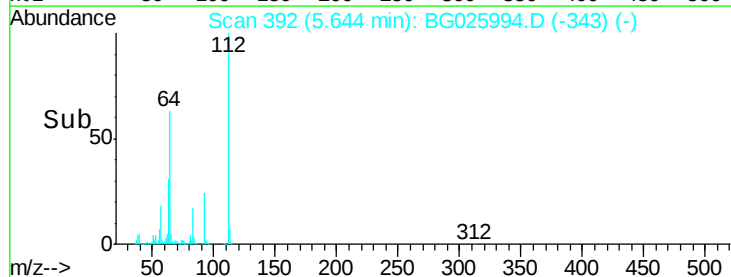
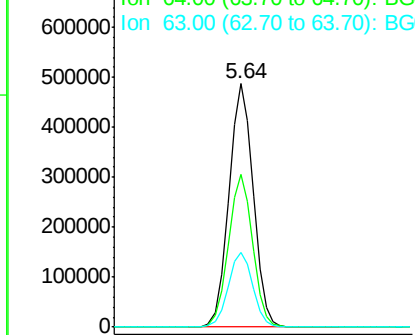
#5

2-Fluorophenol
Concen: 153.25 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	61.8	92.6
63	30.9	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.89 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

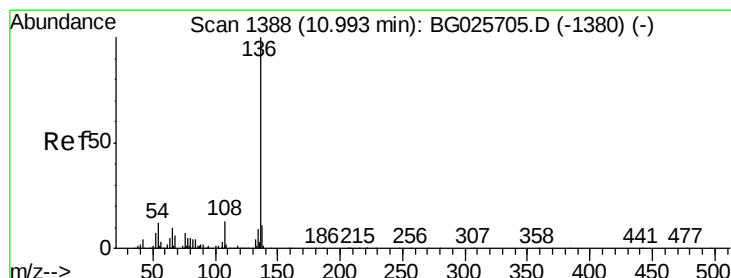
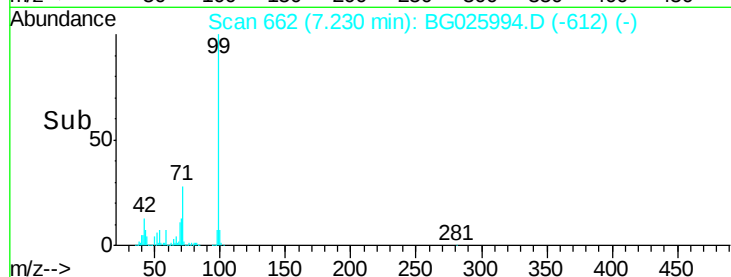
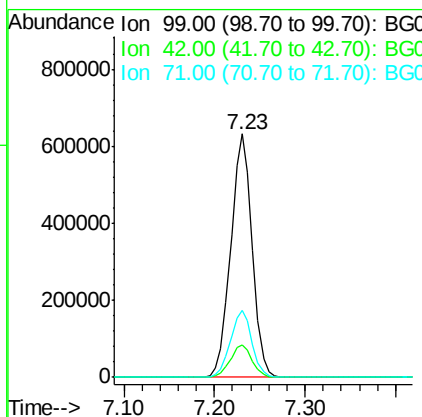
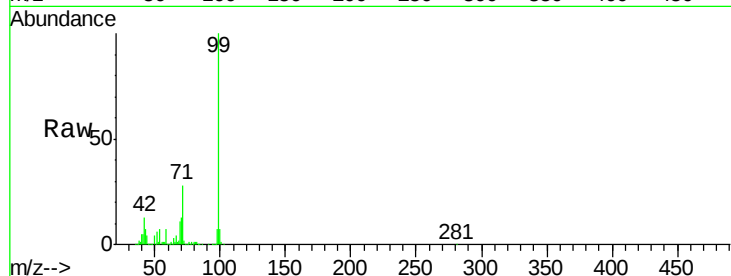
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1037894

Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.5	30.7#
71	27.5	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

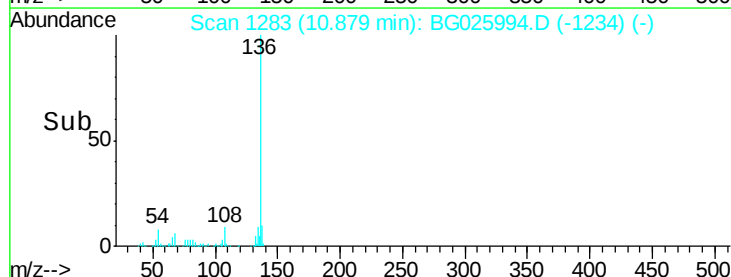
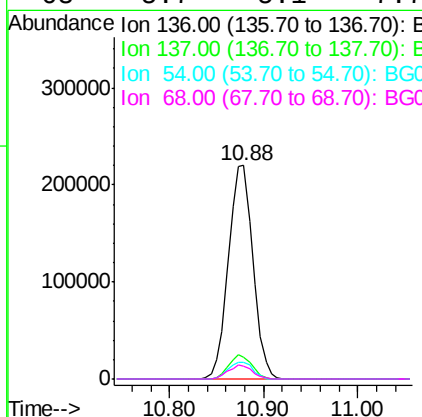
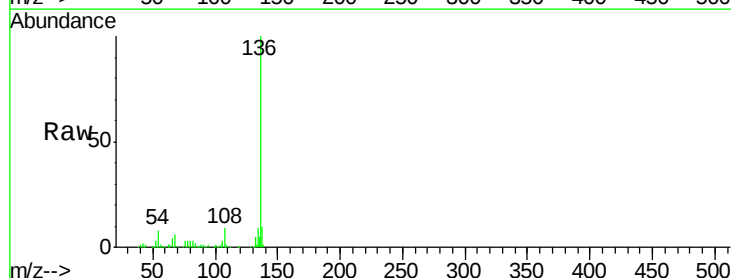
Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

Tgt Ion: 136 Resp: 398362

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	9.3	13.9#
68	5.7	5.1	7.7

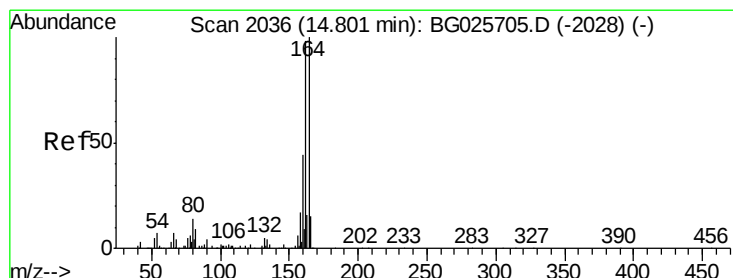
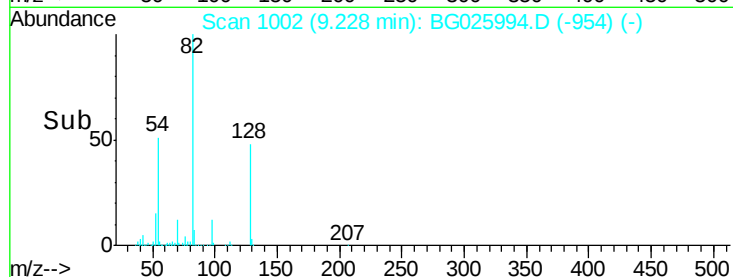
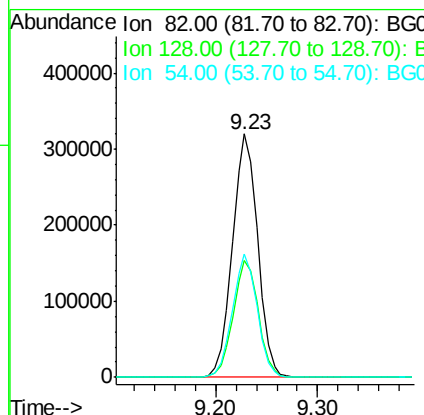
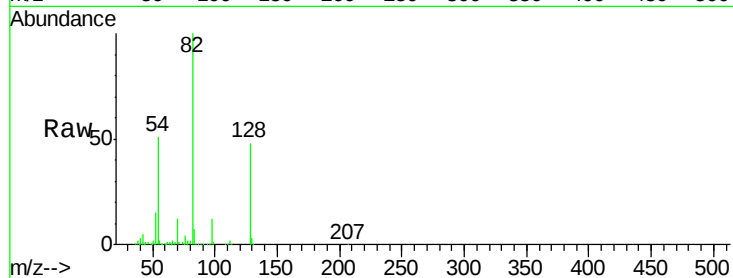




#23
 Nitrobenzene-d5
 Concen: 87.25 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 10:57

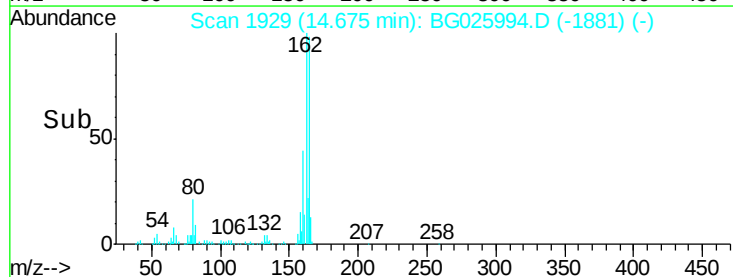
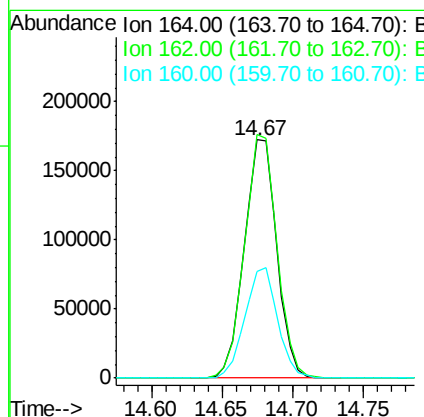
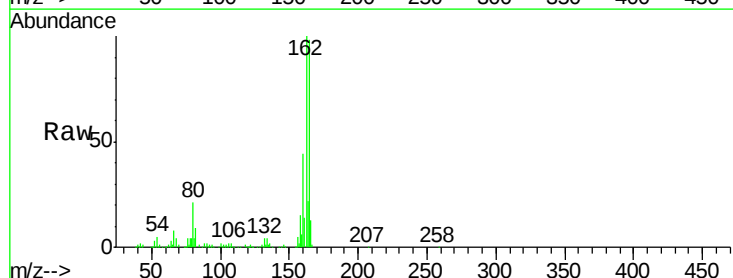
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	550742
Ion Ratio	Lower	Upper	
82	100		
128	48.1	26.4	39.6#
54	50.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 10:57

Tgt Ion	164	Resp	278274
Ion Ratio	Lower	Upper	
164	100		
162	102.2	85.1	127.7
160	44.6	34.7	52.1

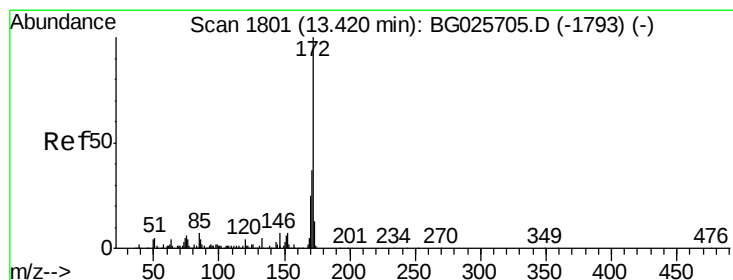
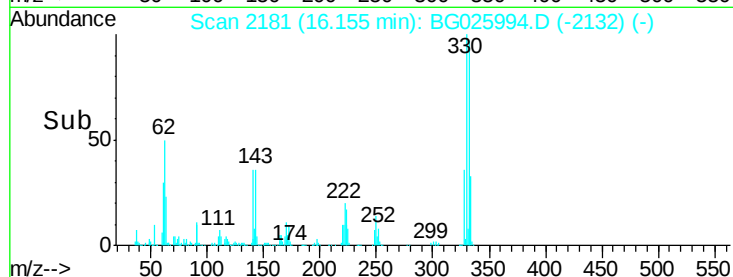
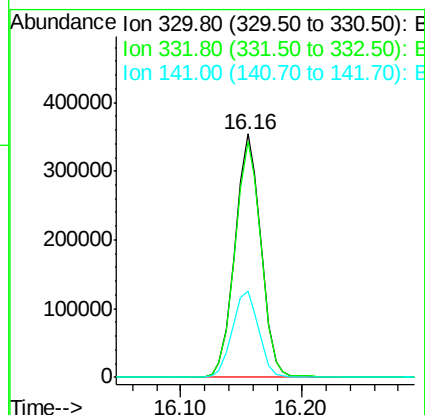
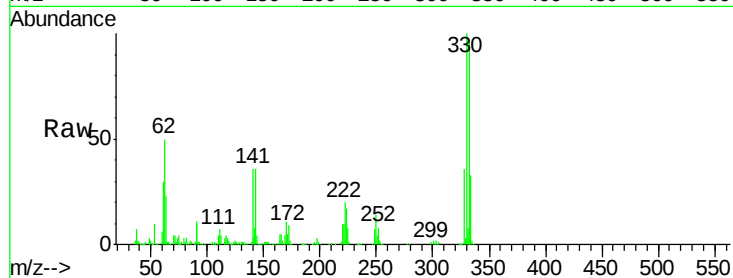




#41
 2,4,6-Tribromophenol
 Concen: 206.33 ng
 RT: 16.16 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 10:57

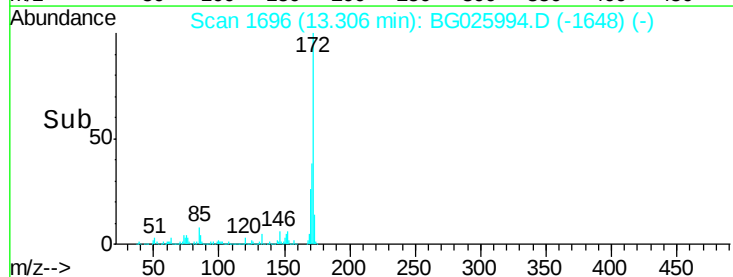
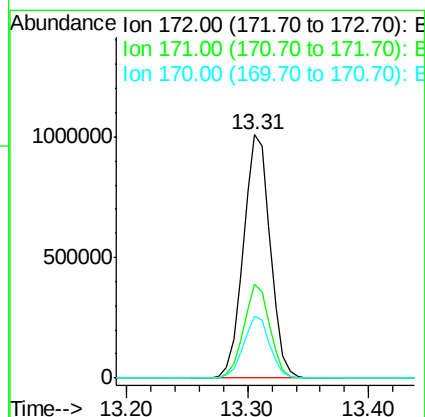
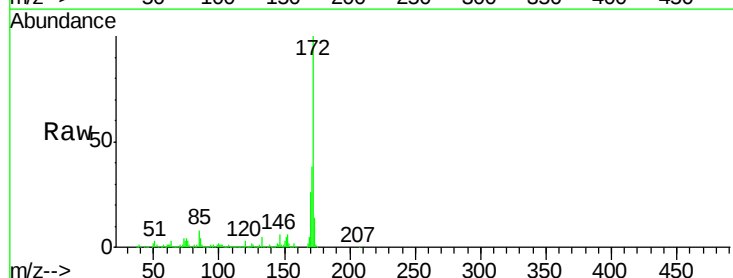
Instrument :
 BNA_G
 ClientSampleId :

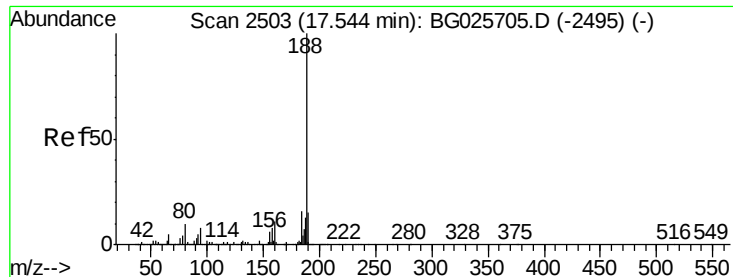
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	36.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 97.72 ng
 RT: 13.31 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	25.6	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

Instrument :

BNA_G

ClientSampleId :

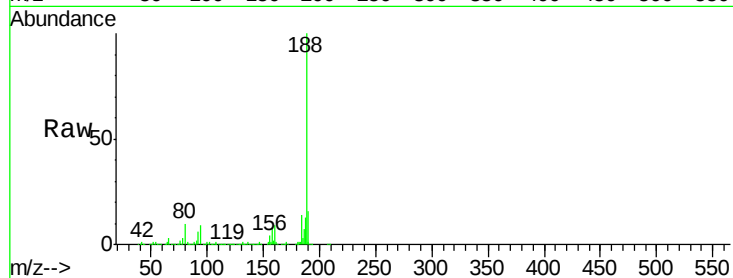
Tot Ion:188 Resp: 810420

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

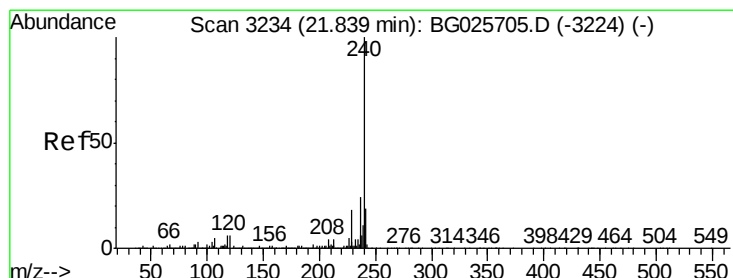
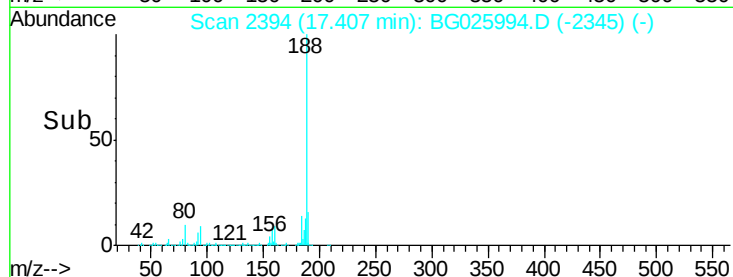
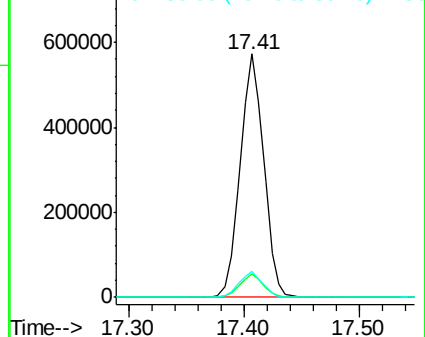
80 10.4 7.5 11.3



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: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

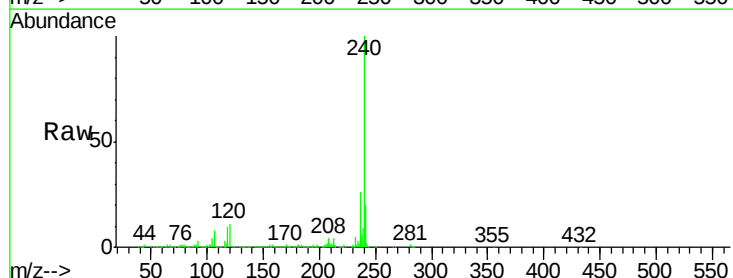
Tgt Ion:240 Resp: 857985

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

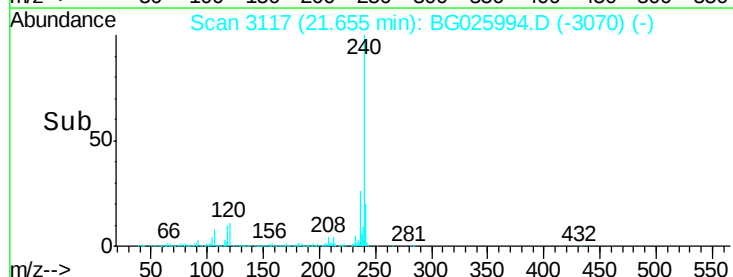
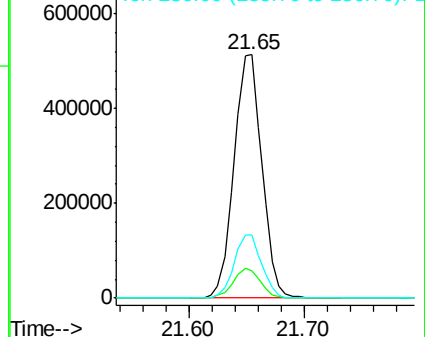
236 25.8 22.2 33.4

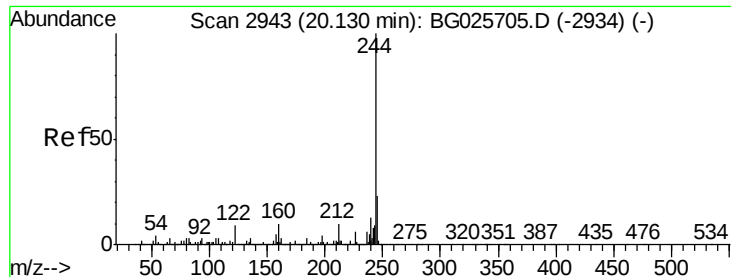


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.53 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

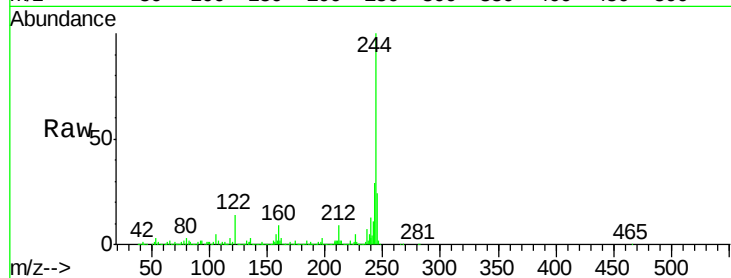
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2699813

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	14.0	8.6	12.8#

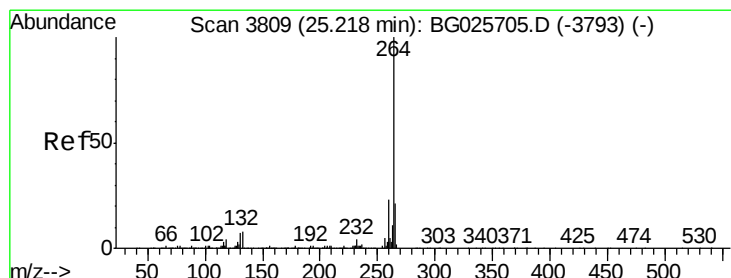
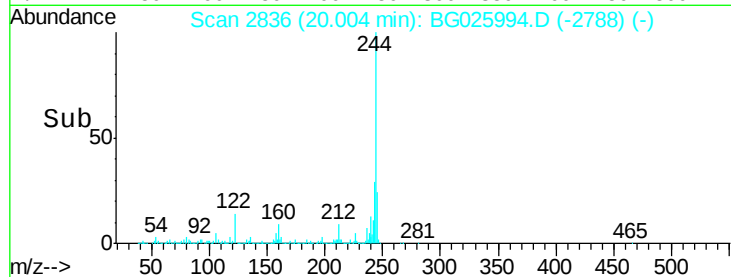
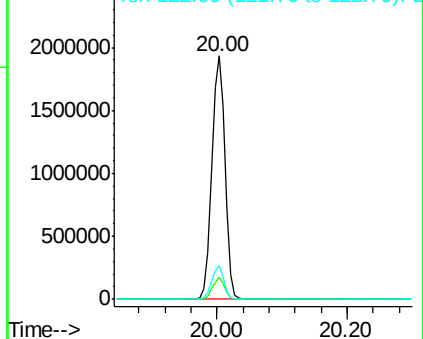


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3661

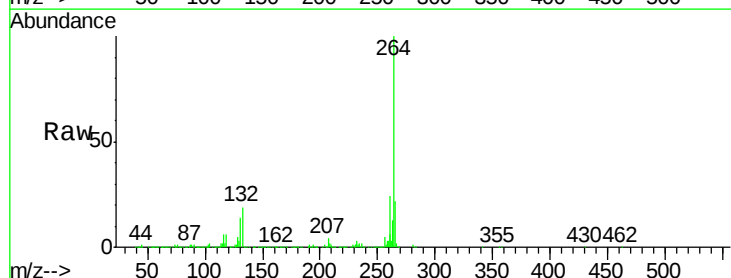
Delta R.T. -0.04 min

Lab File: BG025994.D

Acq: 28 Feb 2017 10:57

Tgt Ion:264 Resp: 825482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.0	18.2	27.4



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

