

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024169.D
 Acq On : 30 Sep 2016 21:17
 Operator : UM/SJ
 Sample : H4998-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-3-6

Quant Time: Oct 01 04:15:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

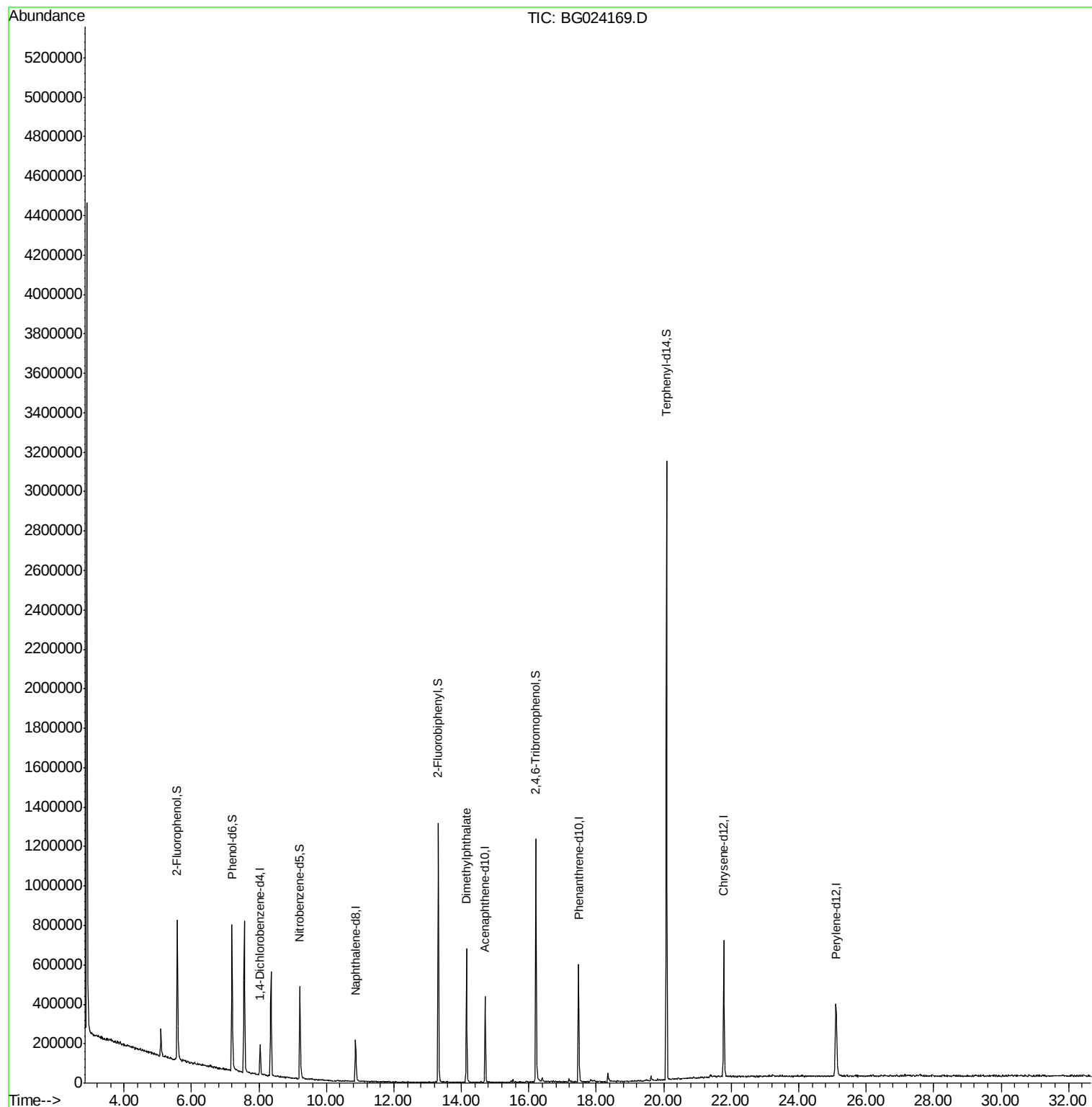
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40671	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	182254	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	146235	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	375292	20.00	ng	0.00
75) Chrysene-d12	21.78	240	448137	20.00	ng	-0.02
86) Perylene-d12	25.10	264	438103	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	302385	128.81	ng	0.00
7) Phenol-d6	7.20	99	444858	112.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	327999	70.93	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	219241	104.30	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	661117	75.99	ng	-0.02
78) Terphenyl-d14	20.08	244	1284417	58.69	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	431482	38.46	ng	98

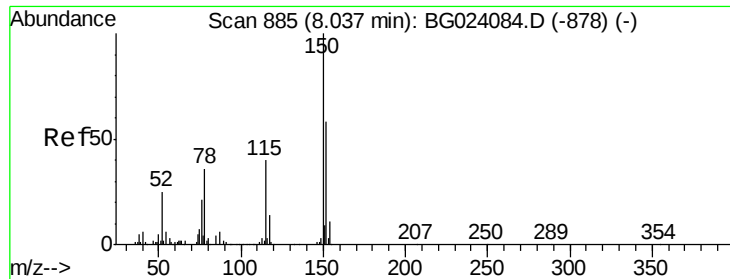
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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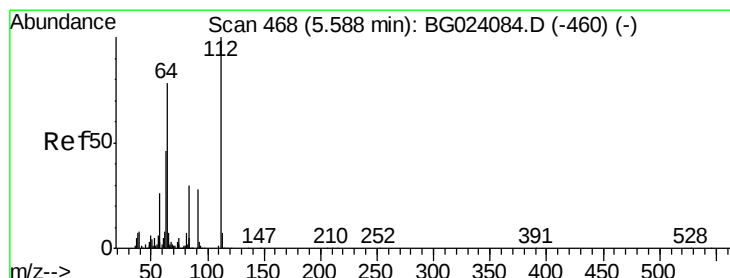
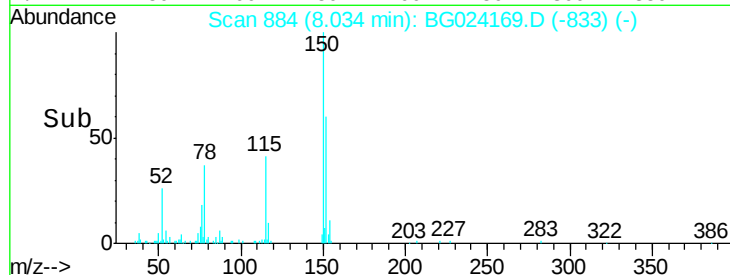
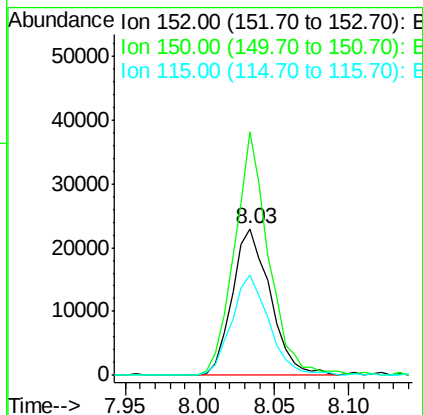
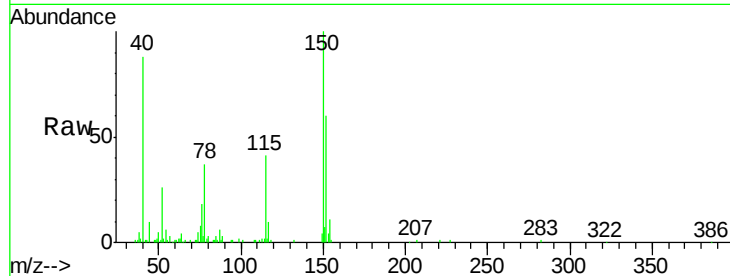


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG024169.D
Acq: 30 Sep 2016 21:17

Instrument :
BNA_G
ClientSampleId :
SUP-B044-3-6

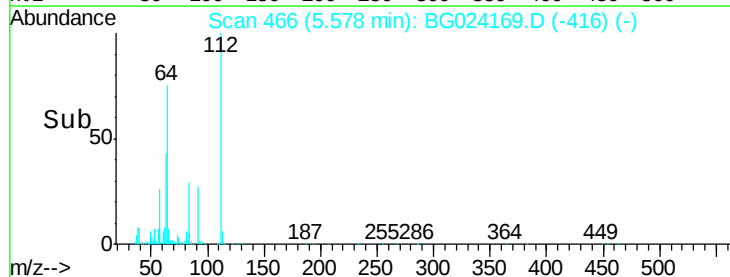
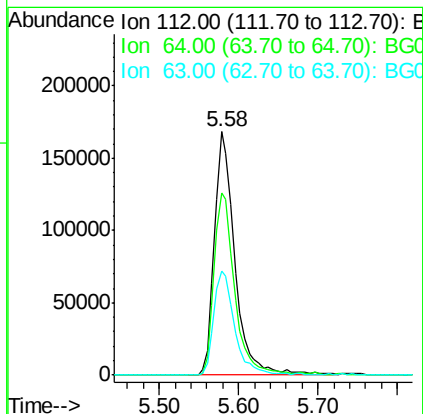
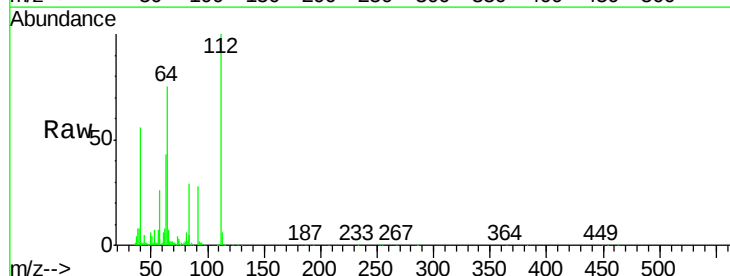
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.2	144.7	217.1
115	68.4	64.0	96.0

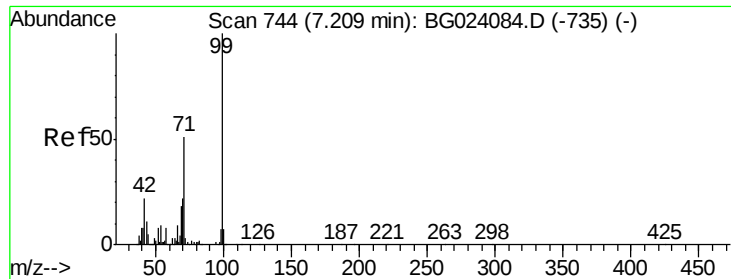


#5

2-Fluorophenol
Concen: 128.81 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BG024169.D
Acq: 30 Sep 2016 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	59.0	88.4
63	42.8	37.8	56.8





#7

Phenol-d6

Concen: 112.62 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG024169.D

Acq: 30 Sep 2016 21:17

Instrument :

BNA_G

ClientSampleId :

SUP-B044-3-6

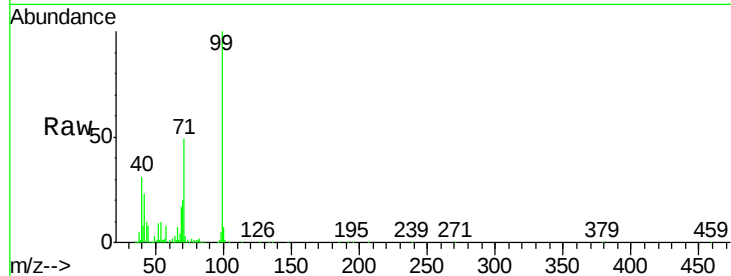
Tot Ion: 99 Resp: 444858

Ion Ratio Lower Upper

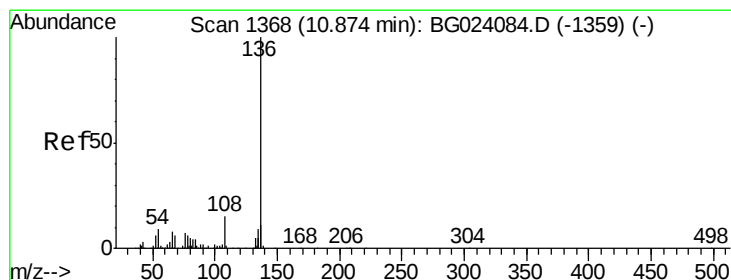
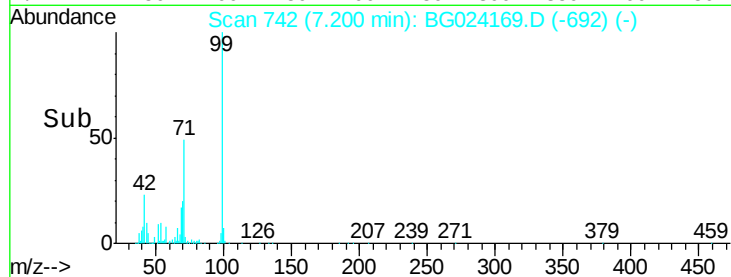
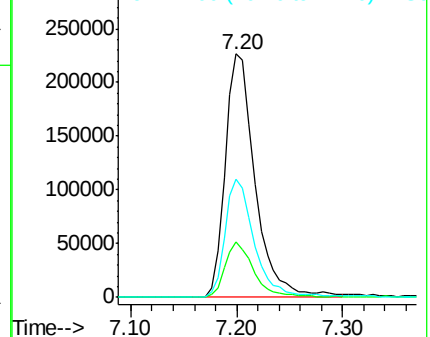
99 100

42 22.6 17.8 26.6

71 48.8 41.5 62.3



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: 20.00 ng

RT: 10.87 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024169.D

Acq: 30 Sep 2016 21:17

Tgt Ion: 136 Resp: 182254

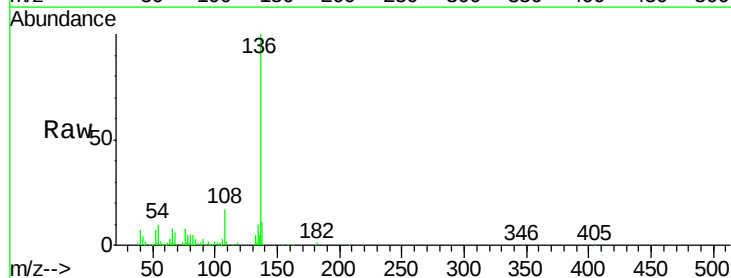
Ion Ratio Lower Upper

136 100

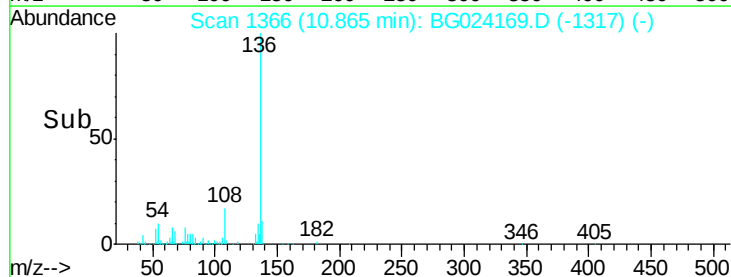
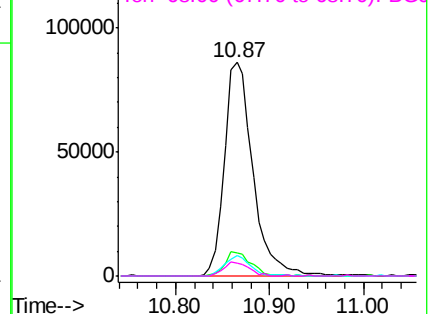
137 11.0 9.6 14.4

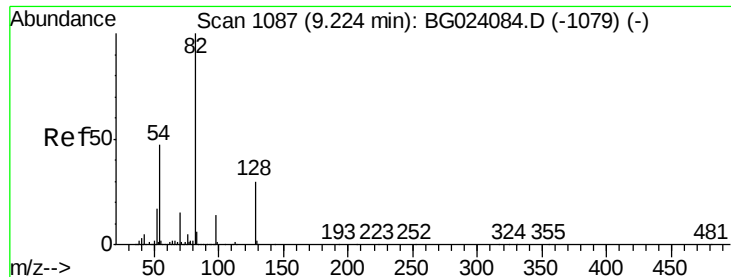
54 9.6 7.3 10.9

68 6.3 5.3 7.9



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

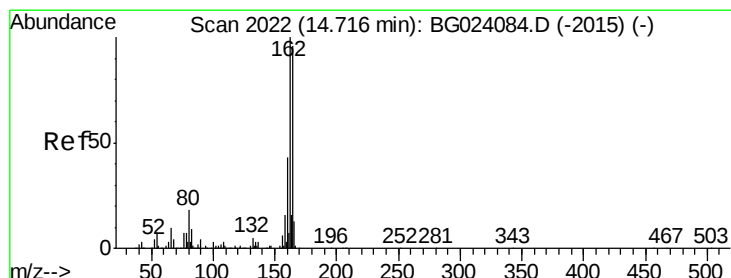
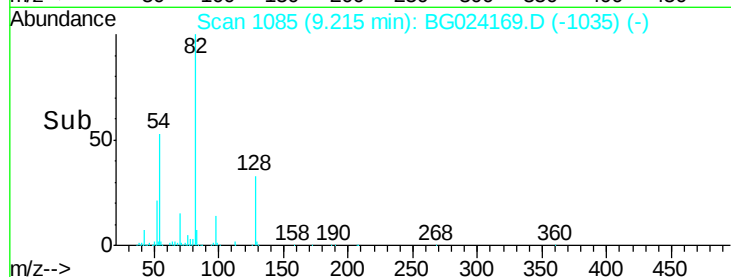
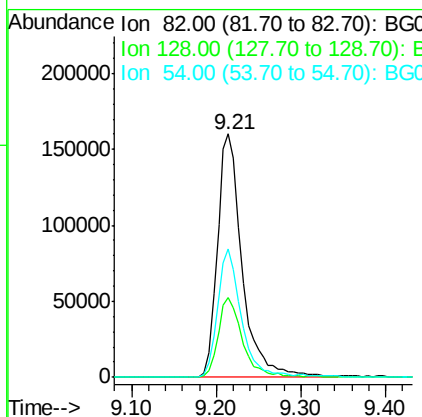
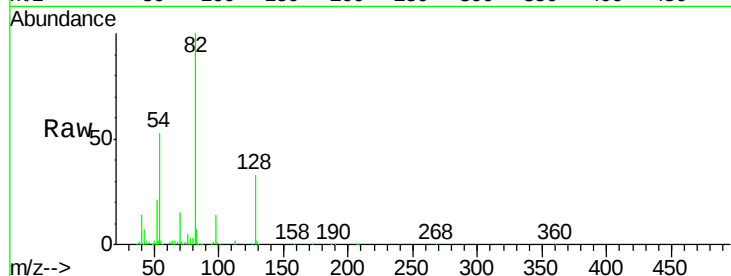




#23
 Nitrobenzene-d5
 Concen: 70.93 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

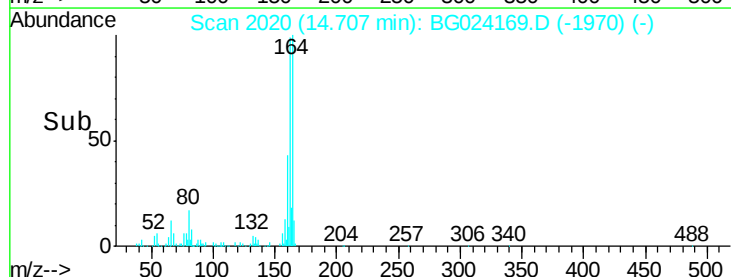
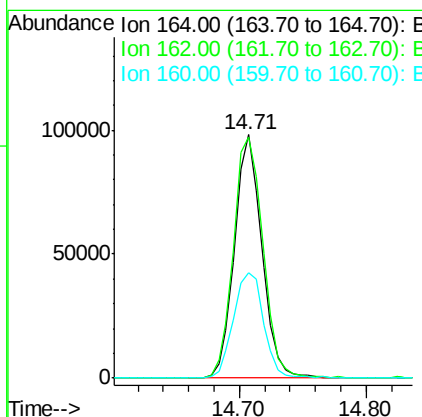
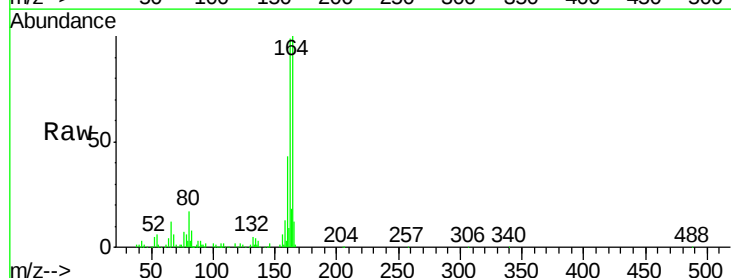
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-3-6

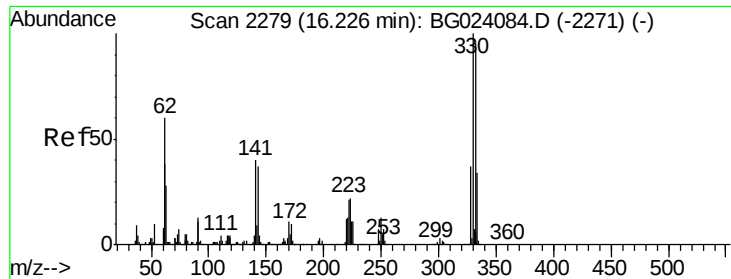
Tot Ion	82	Resp	327999
Ion Ratio	Lower	Upper	
82	100		
128	33.0	24.4	36.6
54	52.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

Tgt Ion	164	Resp	146235
Ion Ratio	Lower	Upper	
164	100		
162	98.8	87.7	131.5
160	43.3	37.2	55.8

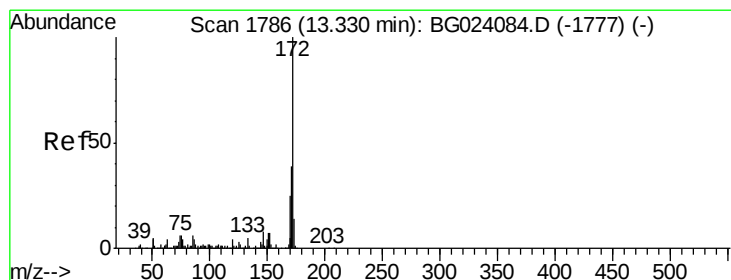
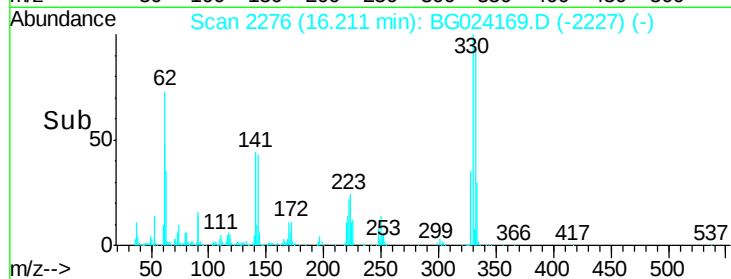
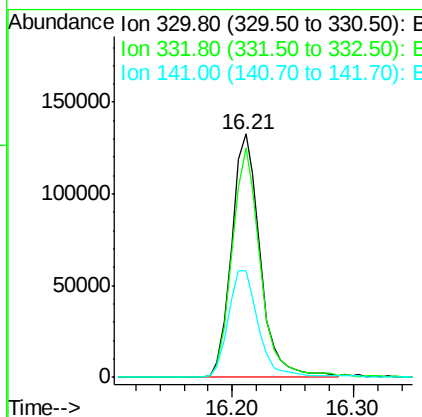
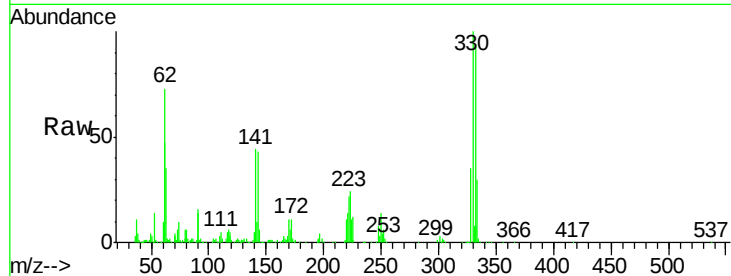




#41
 2,4,6-Tribromophenol
 Concen: 104.30 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

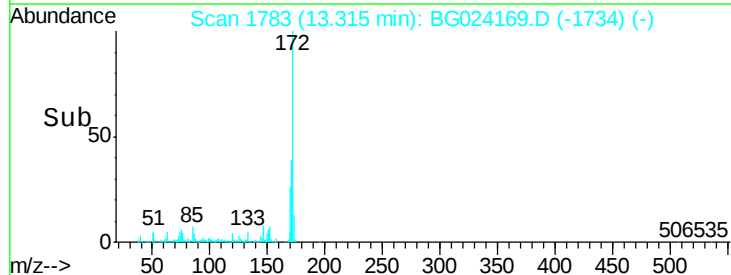
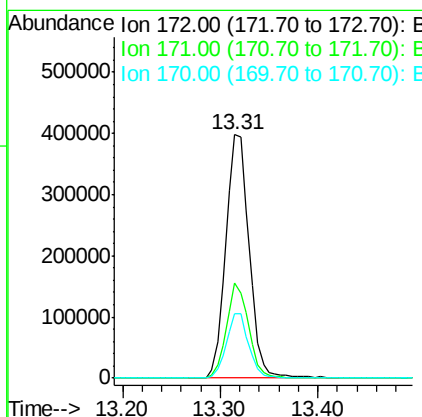
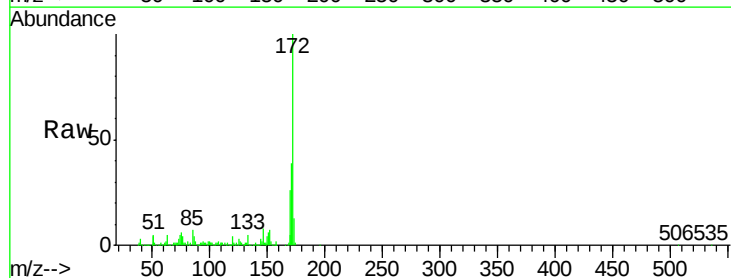
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-3-6

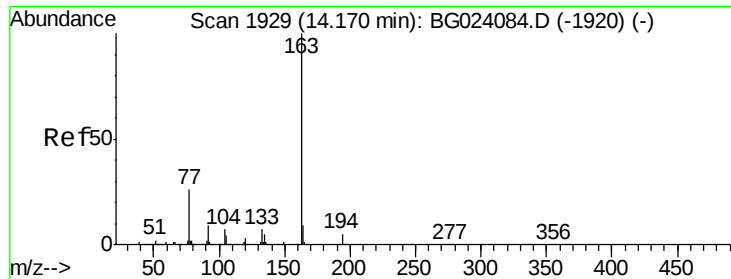
Tot Ion:330 Resp: 219241
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.4 116.2
 141 46.4 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

Tgt Ion:172 Resp: 661117
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.6 47.4
 170 26.5 21.3 31.9

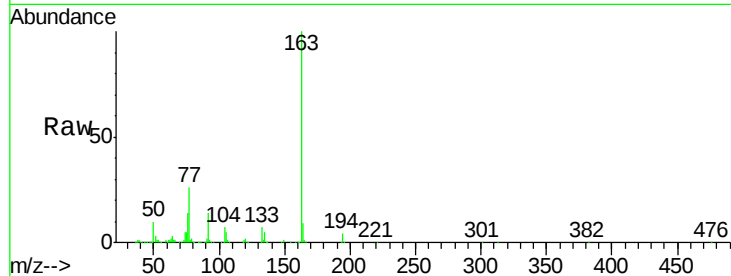




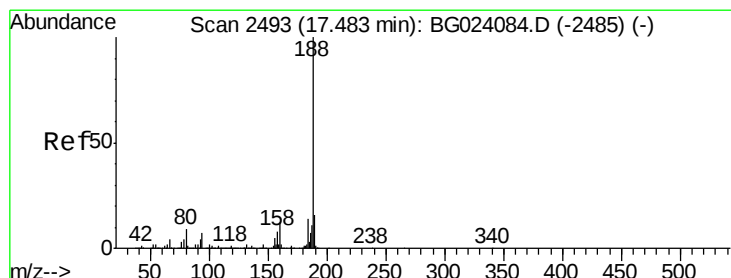
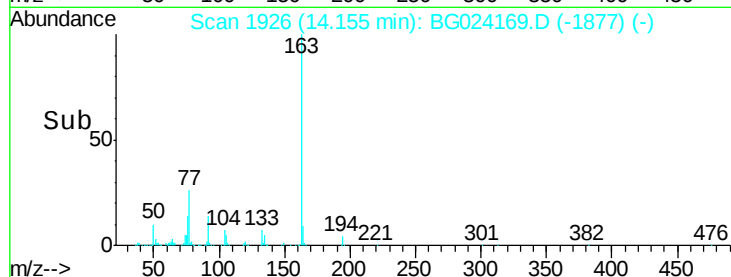
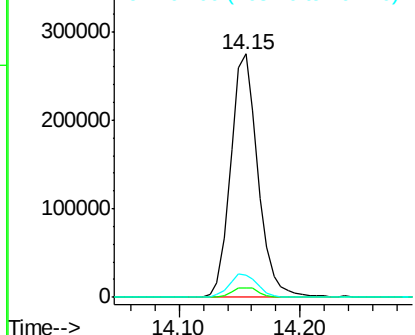
#49
Dimethylphthalate
Concen: 38.46 ng
RT: 14.15 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG024169.D
Acq: 30 Sep 2016 21:17

Instrument :
BNA_G
ClientSampleId :
SUP-B044-3-6

Tot Ion:163 Resp: 431482
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 9.3 8.1 12.1

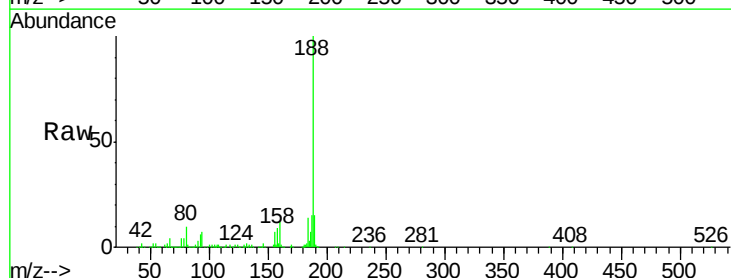


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

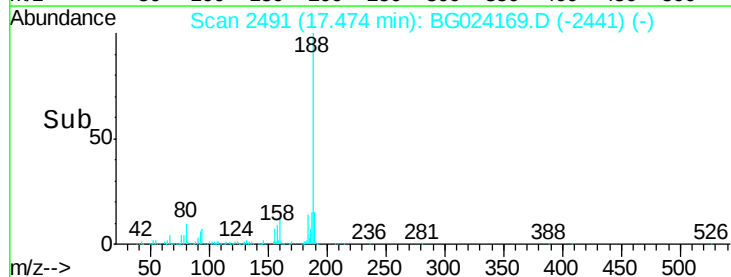
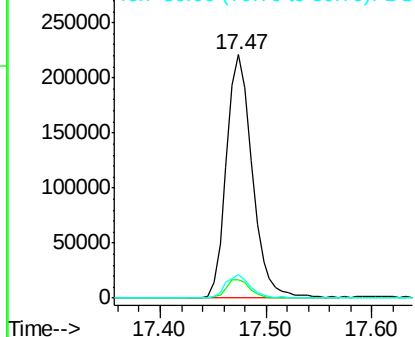


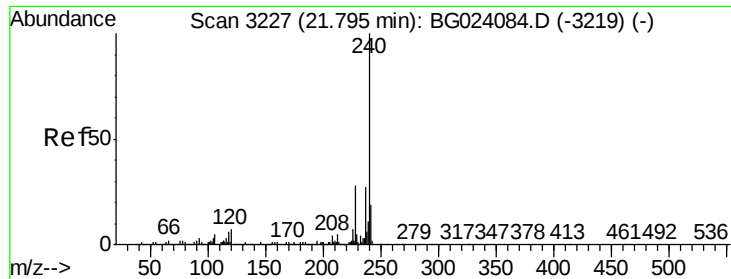
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024169.D
Acq: 30 Sep 2016 21:17

Tgt Ion:188 Resp: 375292
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 9.8 7.2 10.8



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

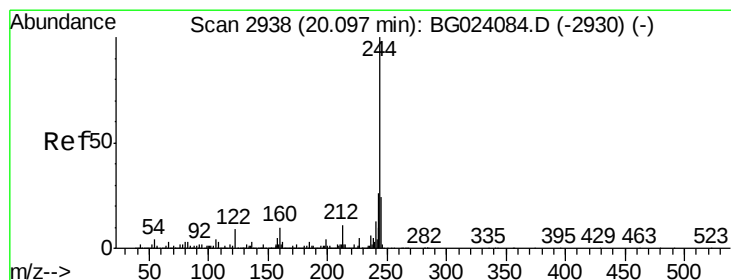
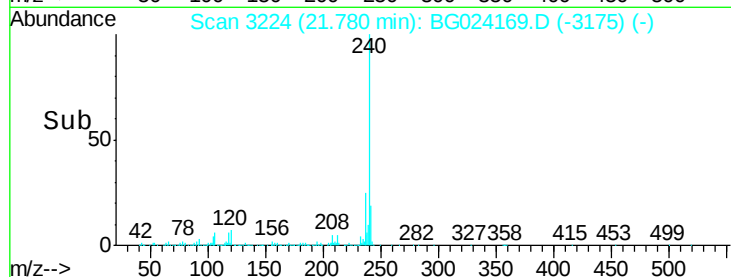
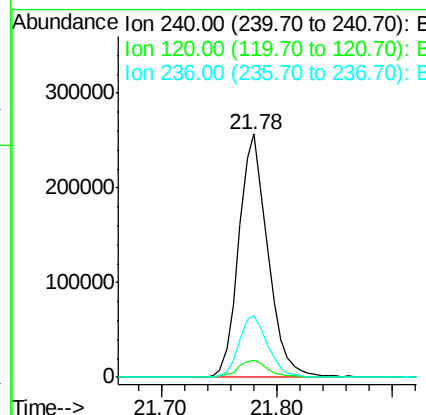
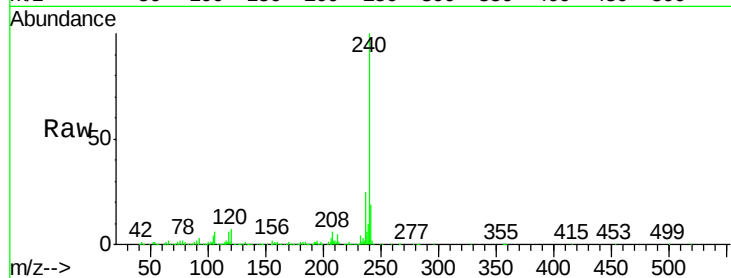




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.02 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

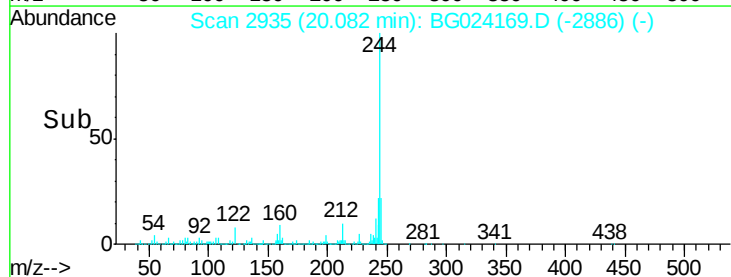
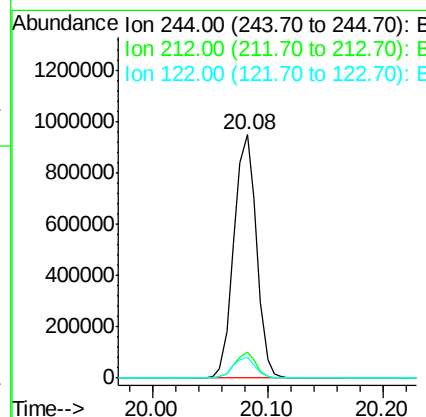
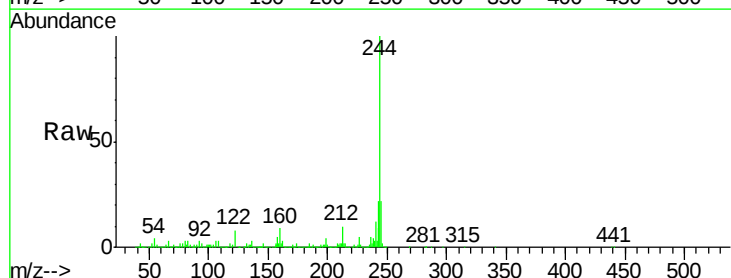
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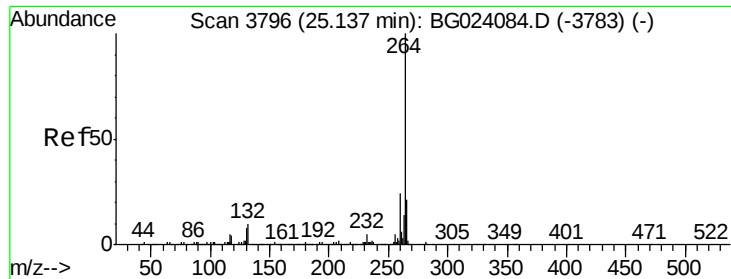
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	25.3	21.1	31.7



#78
 Terphenyl-d14
 Concen: 58.69 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.02 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	8.5	8.0	12.0

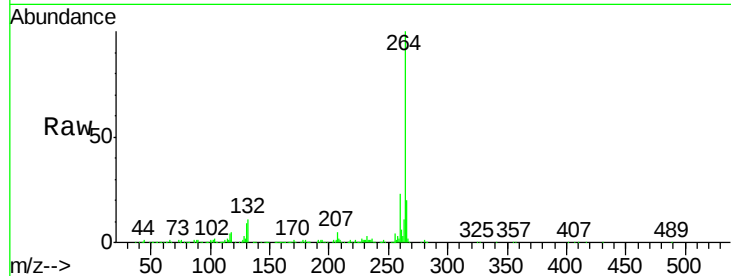




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.10 min Scan# 3790
 Delta R.T. -0.03 min
 Lab File: BG024169.D
 Acq: 30 Sep 2016 21:17

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-3-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	19.8	18.9	28.3



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

