

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034009.D
 Acq On : 26 Apr 2018 6:01
 Operator : SJ/JU
 Sample : J2155-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-B

Quant Time: Apr 26 07:42:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	60939	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	276402	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	193696	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	521655	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	583278	20.00	ng	-0.02
86) Perylene-d12	24.52	264	576306	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	579668	151.87	ng	0.00
7) Phenol-d6	7.00	99	729168	130.97	ng	0.00
23) Nitrobenzene-d5	8.98	82	527323	108.57	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	432276	191.29	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1342873	101.85	ng	-0.02
78) Terphenyl-d14	19.84	244	2521942	97.14	ng	-0.02

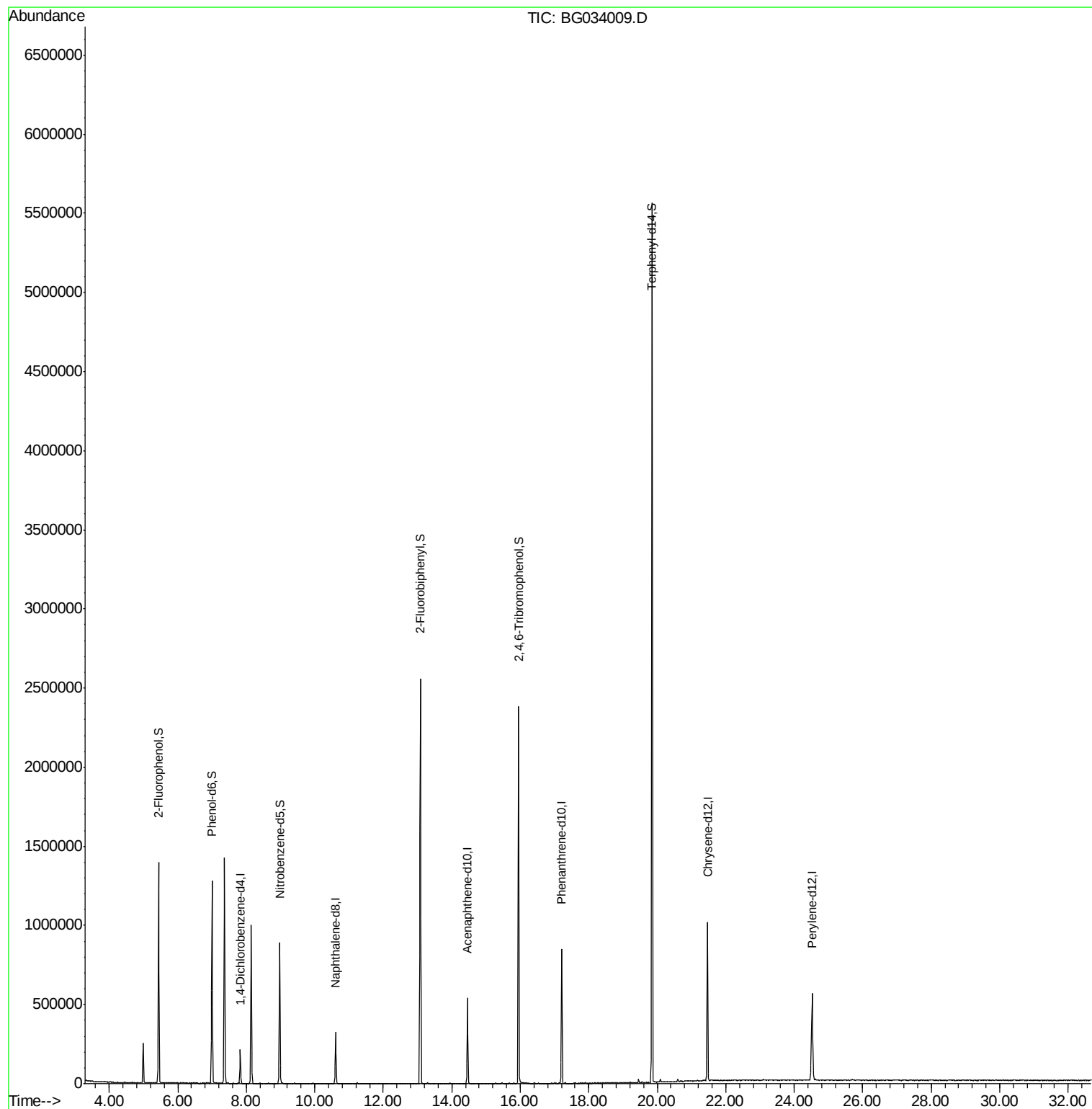
Target Compounds Qvalue

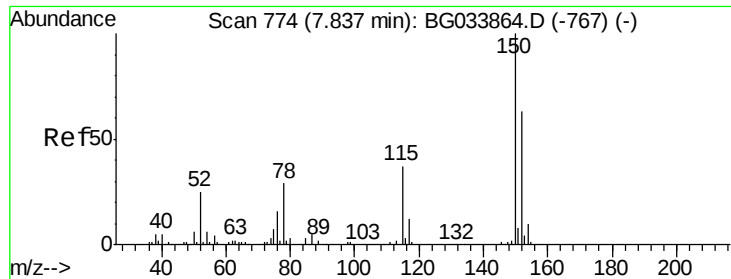
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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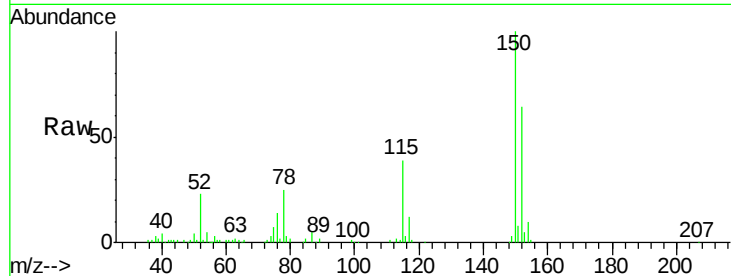


#1

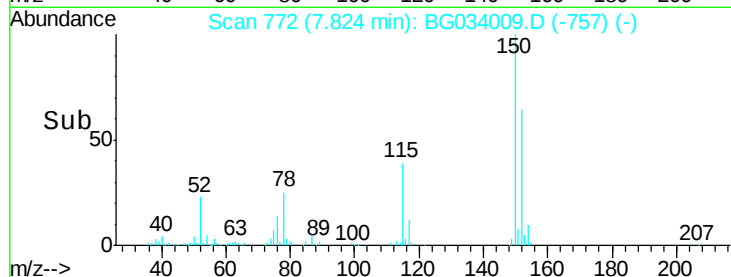
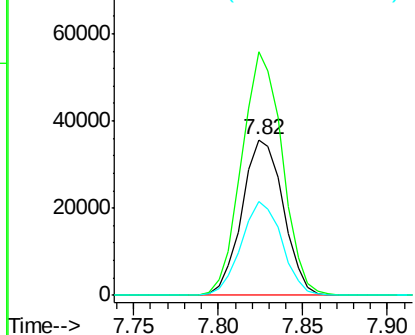
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	60.5	53.0	79.4



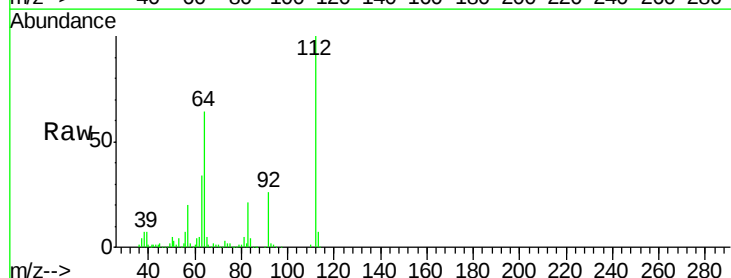
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



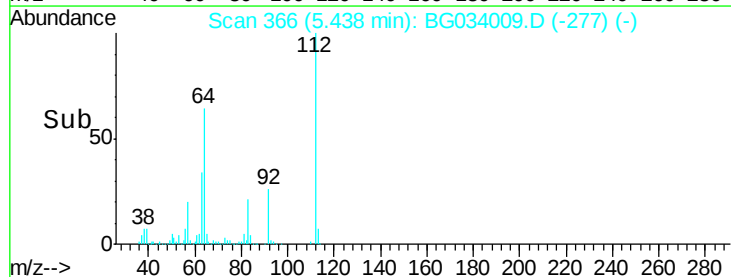
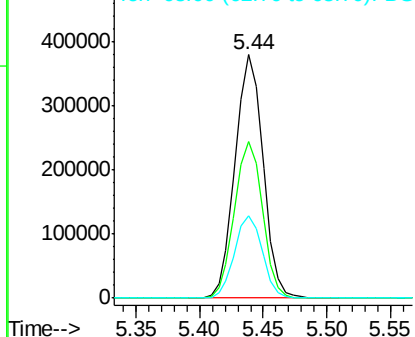
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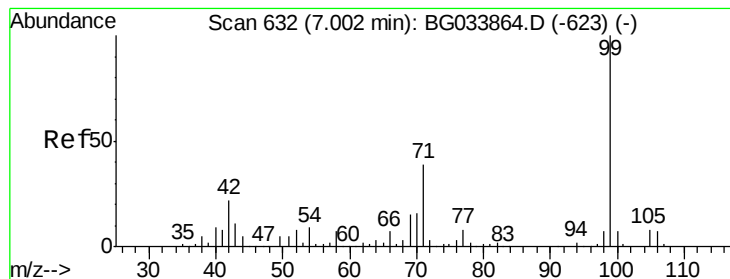
2-Fluorophenol
Concen: 151.866 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	33.6	30.1	45.1



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: 130.974 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

NB-08-042418-B

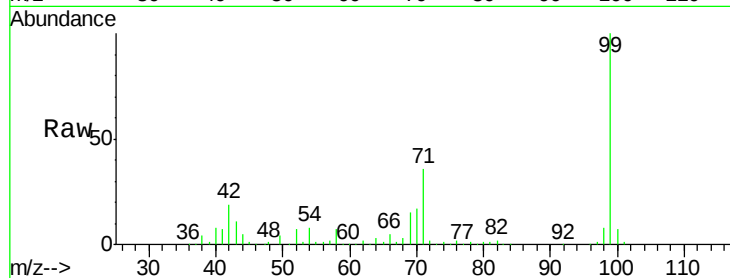
Tot Ion: 99 Resp: 729168

Ion Ratio Lower Upper

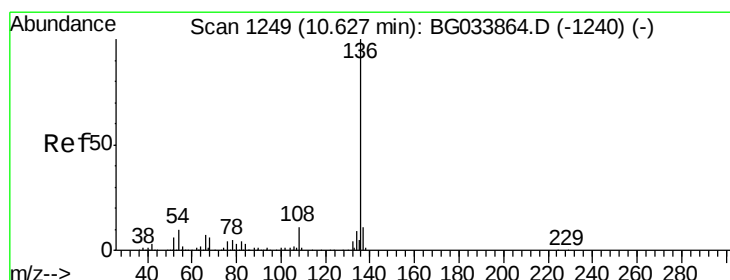
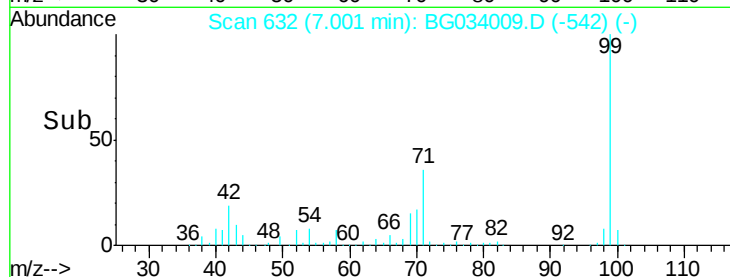
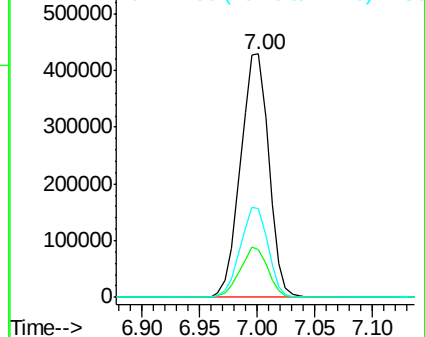
99 100

42 19.4 14.1 21.1

71 36.4 26.1 39.1



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: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Tgt Ion: 136 Resp: 276402

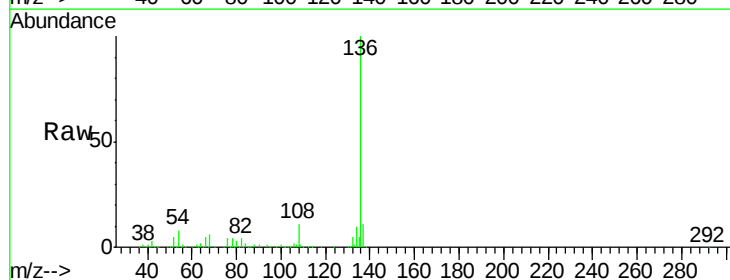
Ion Ratio Lower Upper

136 100

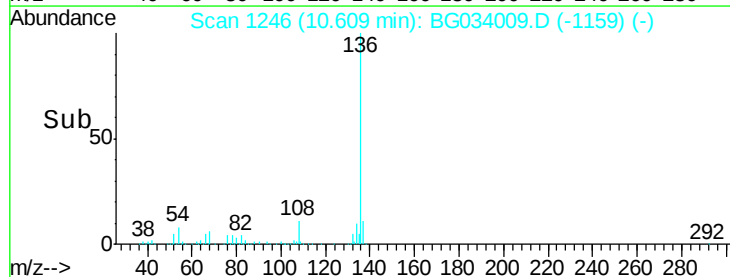
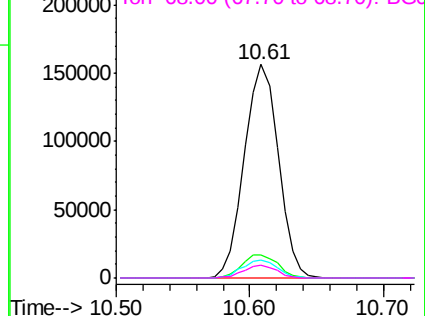
137 11.0 9.2 13.8

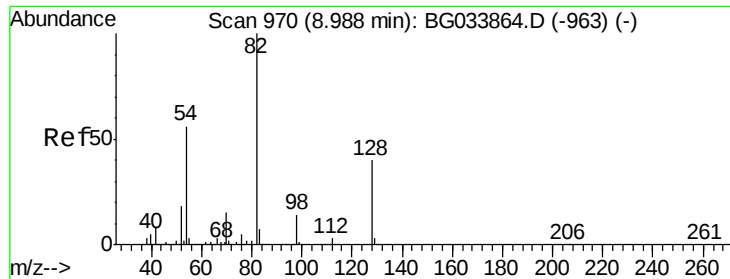
54 8.5 10.3 15.5#

68 5.8 4.5 6.7



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

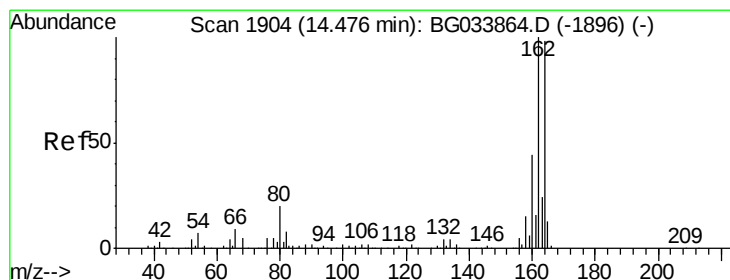
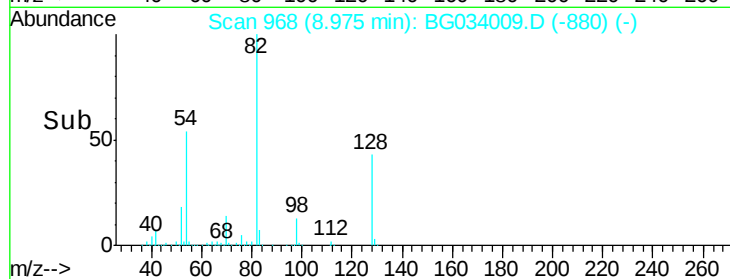
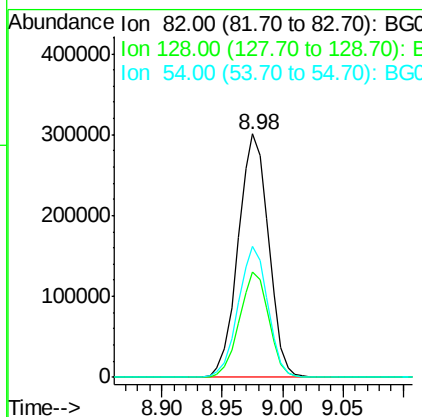
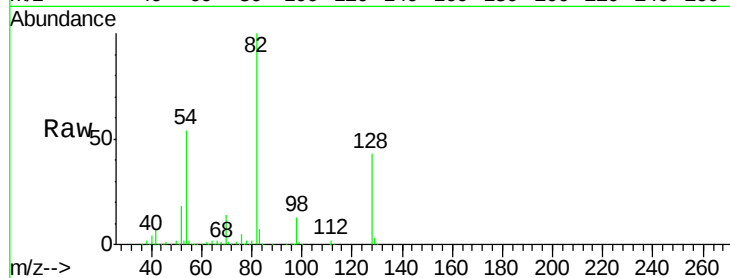




#23
 Nitrobenzene-d5
 Concen: 108.573 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

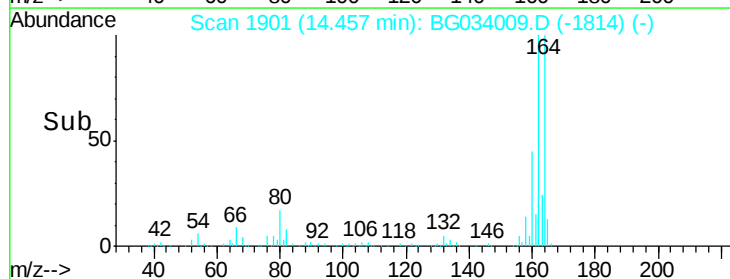
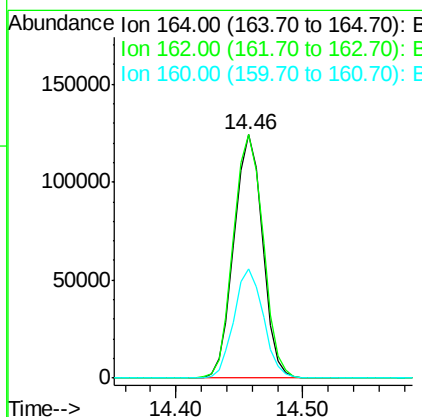
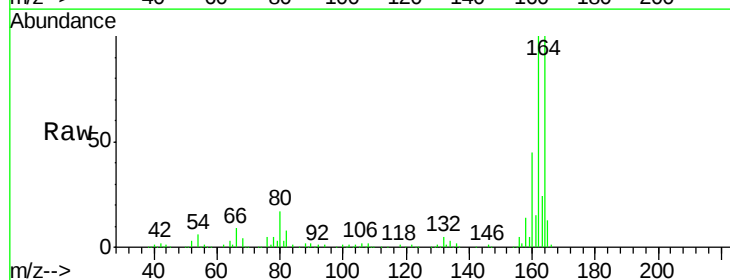
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-B

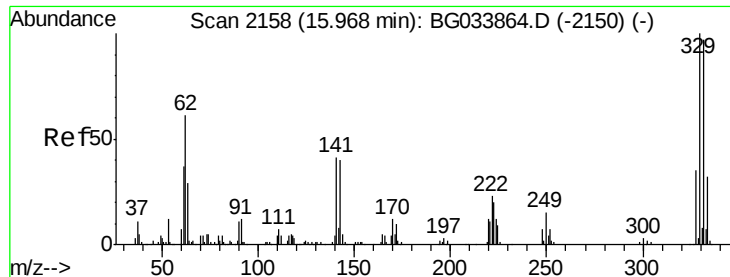
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	53.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	44.7	35.4	53.0

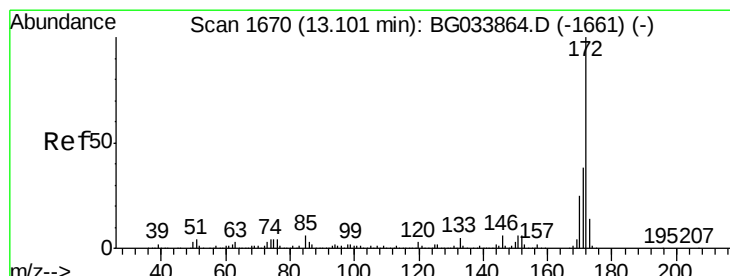
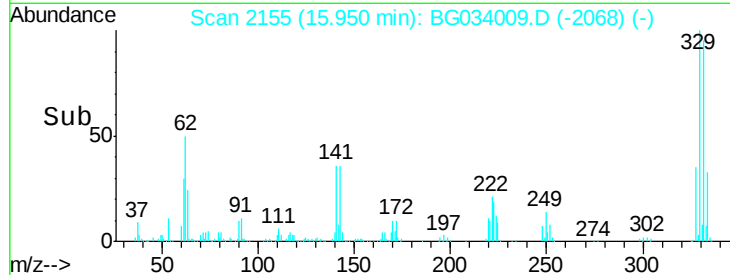
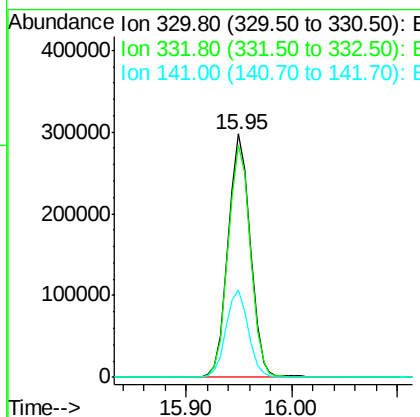
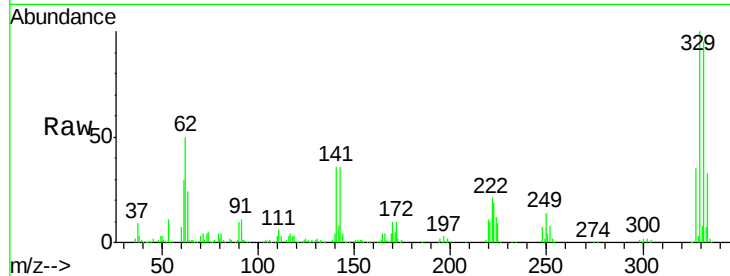




#41
 2,4,6-Tribromophenol
 Concen: 191.292 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

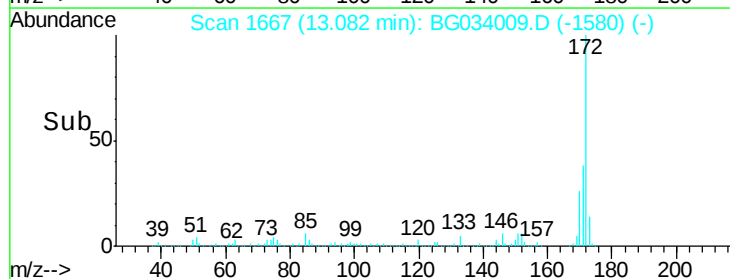
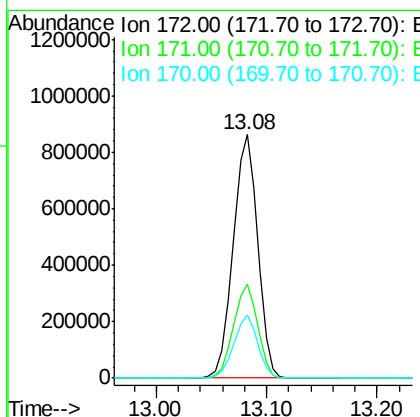
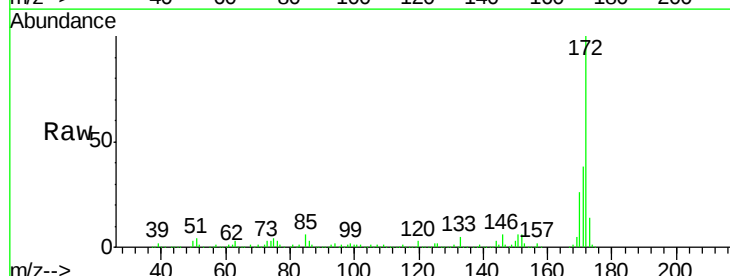
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-B

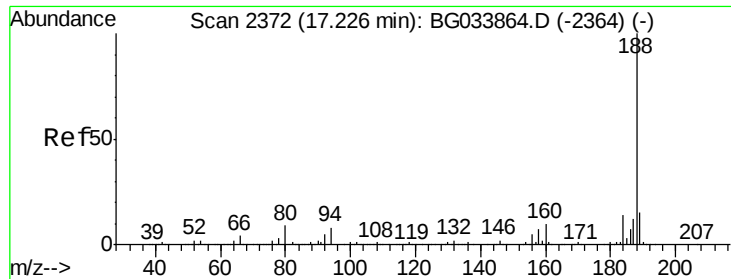
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.846 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.7	19.5	29.3

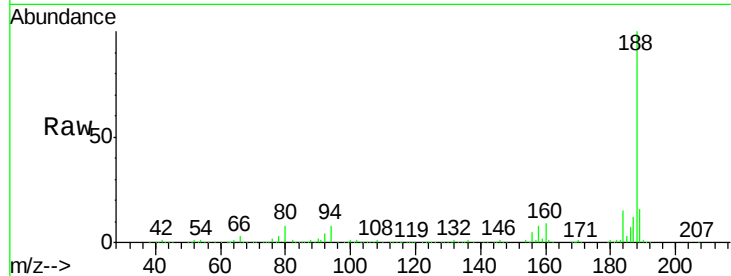




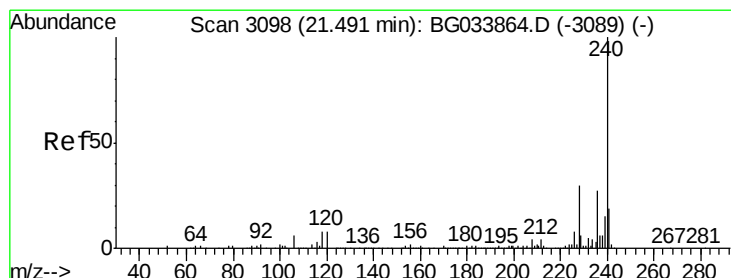
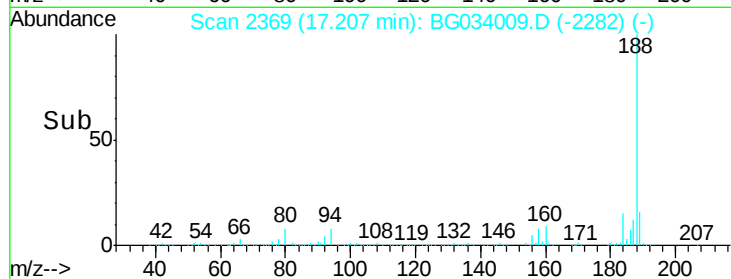
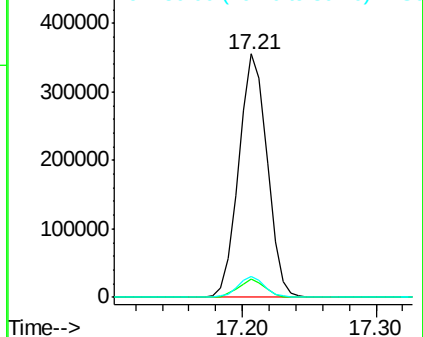
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :
NB-08-042418-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.4	7.7	11.5

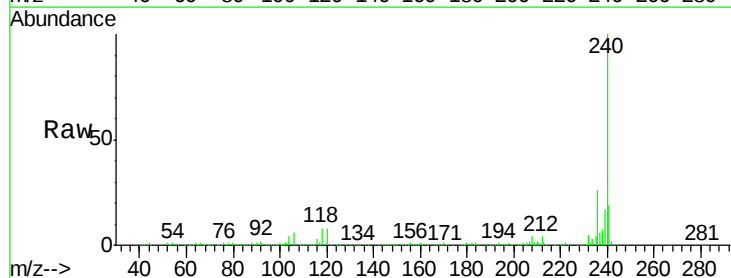


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

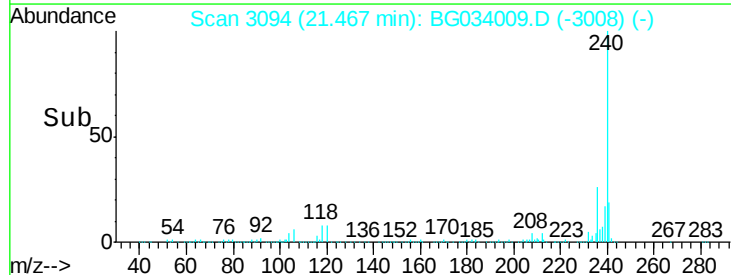
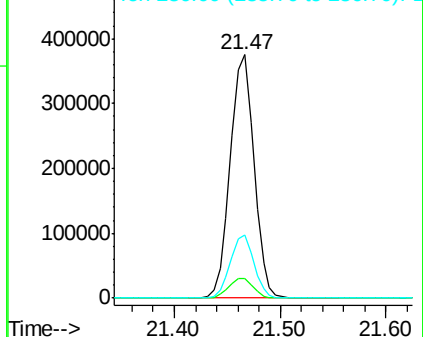


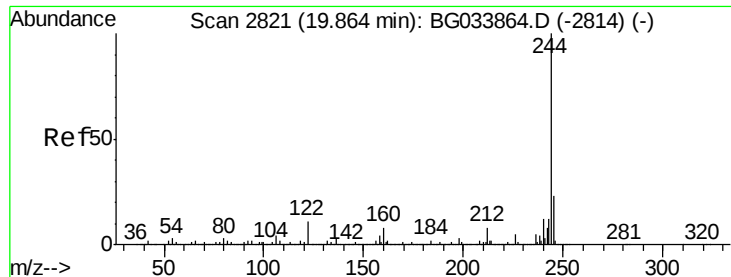
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.9	20.9	31.3



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: 97.138 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Instrument :

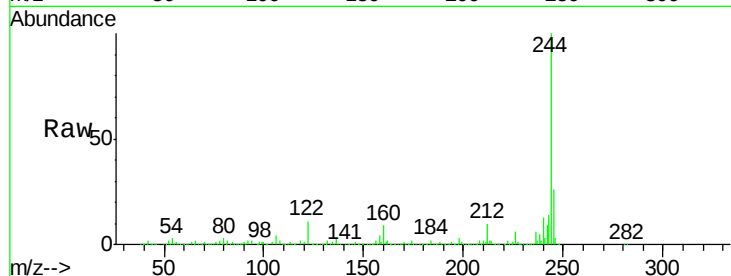
BNA_G

ClientSampleId :

NB-08-042418-B

Tot Ion:244 Resp: 2521942

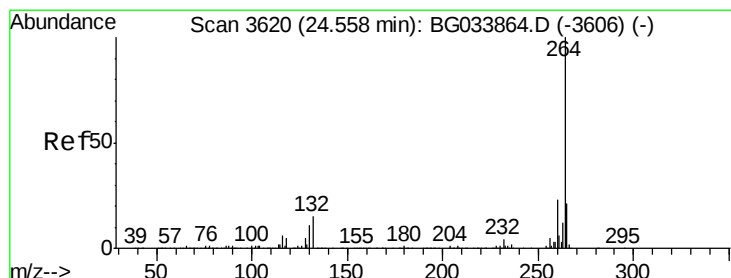
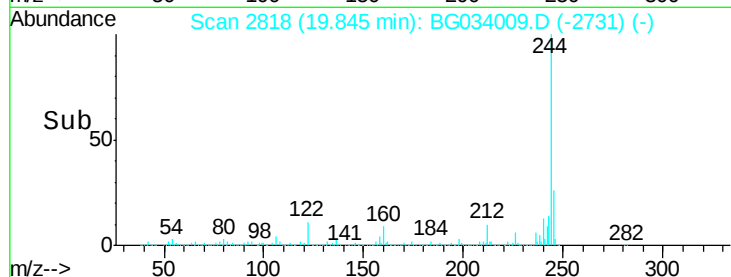
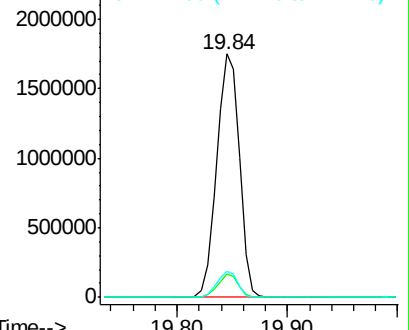
Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	10.8	7.0	10.4#



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: 24.52 min Scan# 3614

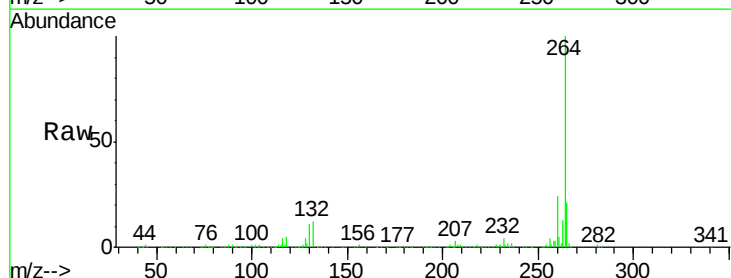
Delta R.T. -0.04 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Tgt Ion:264 Resp: 576306

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.2	17.7	26.5



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

