

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026575.D
 Acq On : 6 Apr 2017 21:01
 Operator : SJ/MA
 Sample : I2532-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 49B

Quant Time: Apr 07 01:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	155633	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	629566	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	356291	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	892786	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1102484	20.00	ng	0.00
86) Perylene-d12	24.81	264	1073303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	564200	64.34	ng	0.00
7) Phenol-d6	7.20	99	446947	37.97	ng	0.00
23) Nitrobenzene-d5	9.20	82	885835	84.60	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	715680	175.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2432894	95.76	ng	0.00
78) Terphenyl-d14	19.98	244	3161756	69.65	ng	0.00

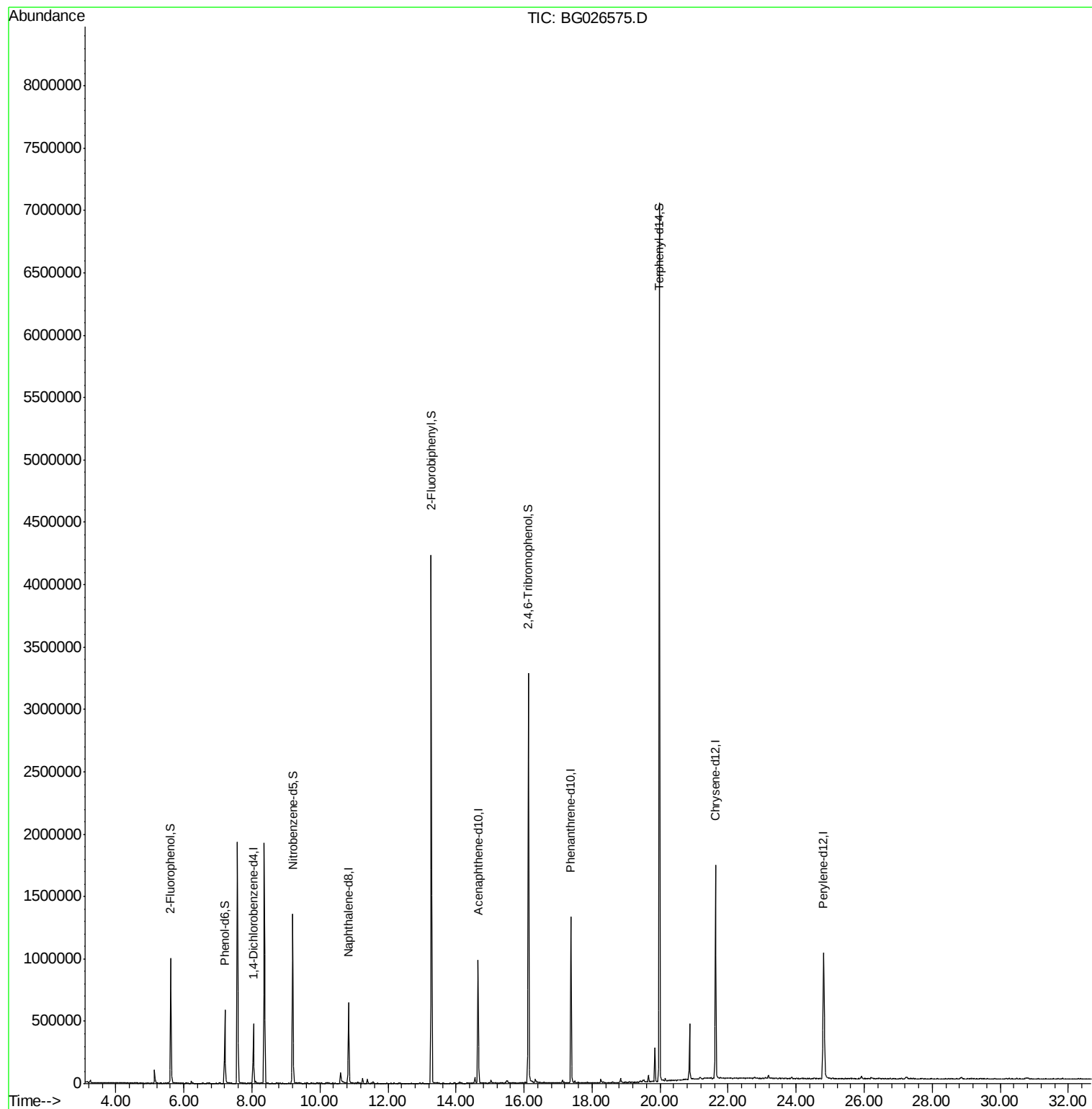
Target Compounds Qvalue

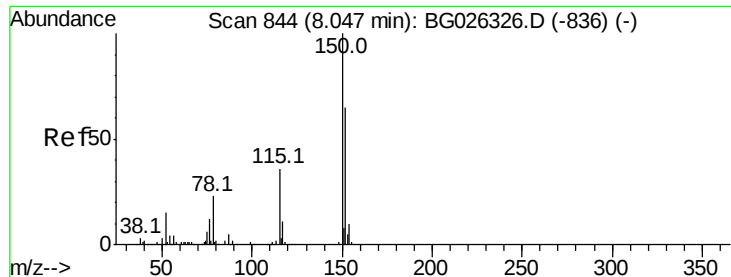
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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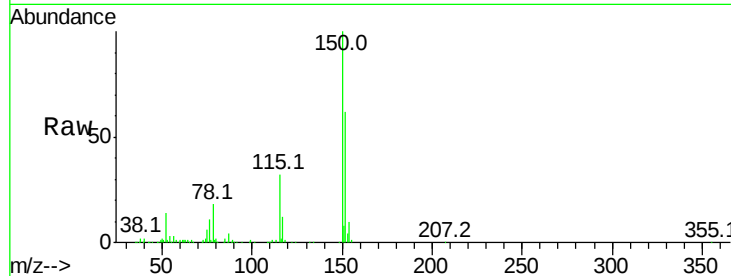


#1

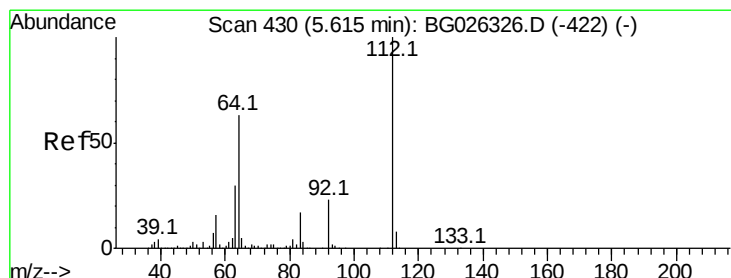
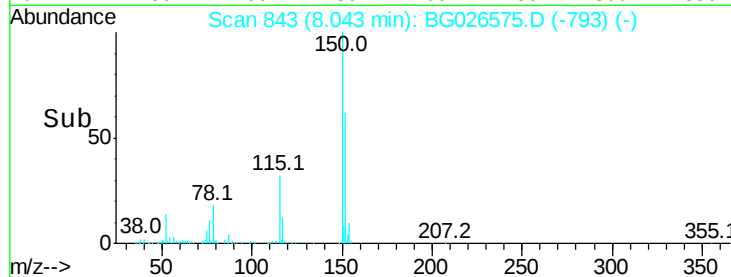
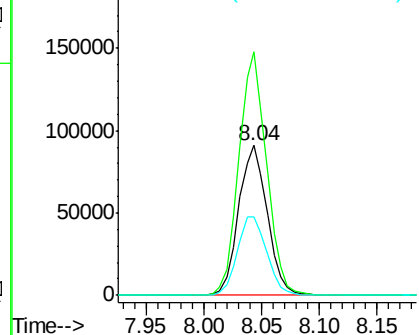
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

Instrument :
BNA_G
ClientSampleId :
49B

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	114.0	171.0
115	52.4	48.1	72.1



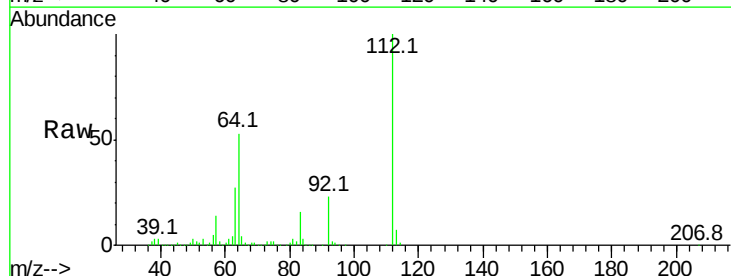
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



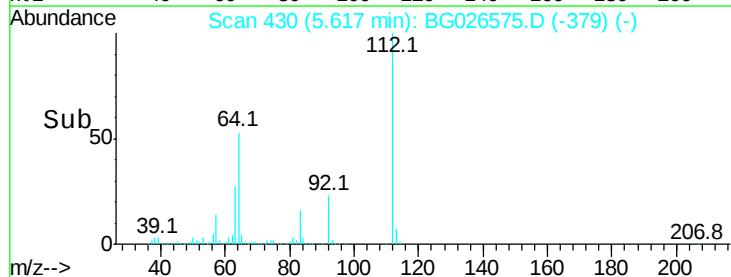
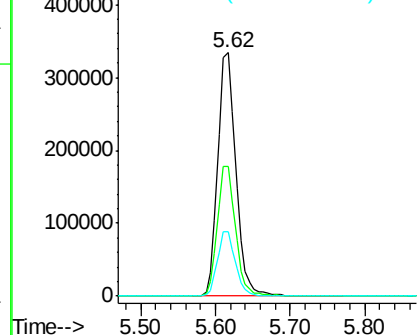
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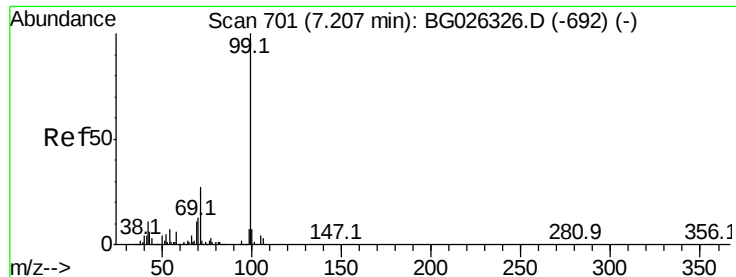
2-Fluorophenol
Concen: 64.34 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	61.8	92.6#
63	26.7	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: 37.97 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026575.D

Acq: 6 Apr 2017 21:01

Instrument :

BNA_G

ClientSampleId :

49B

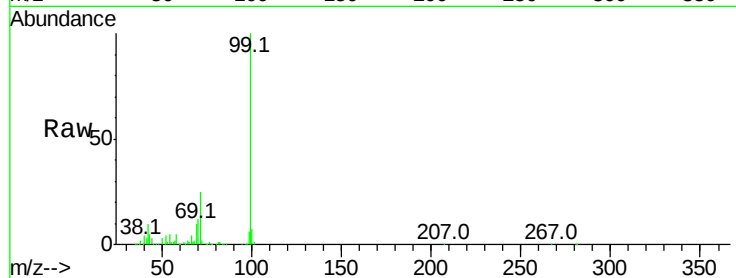
Tot Ion: 99 Resp: 446947

Ion Ratio Lower Upper

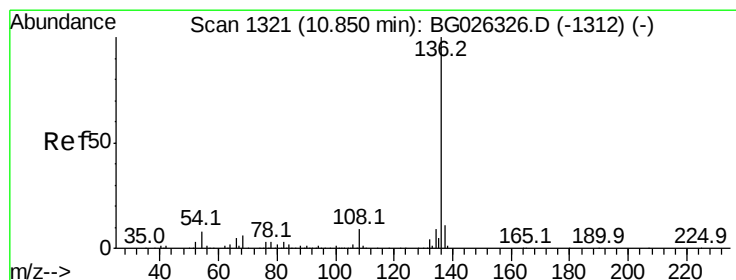
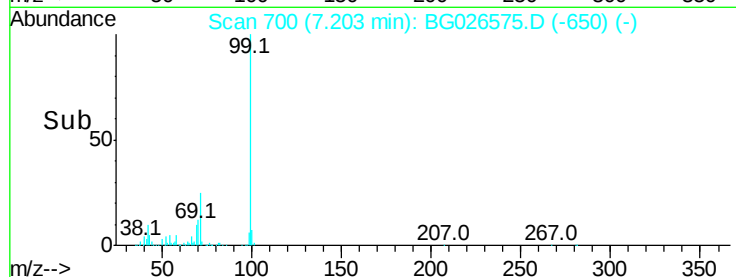
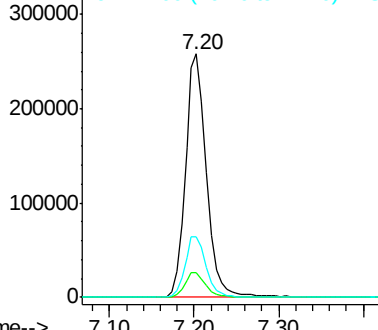
99 100

42 10.3 20.5 30.7#

71 25.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026575.D

Acq: 6 Apr 2017 21:01

Tgt Ion: 136 Resp: 629566

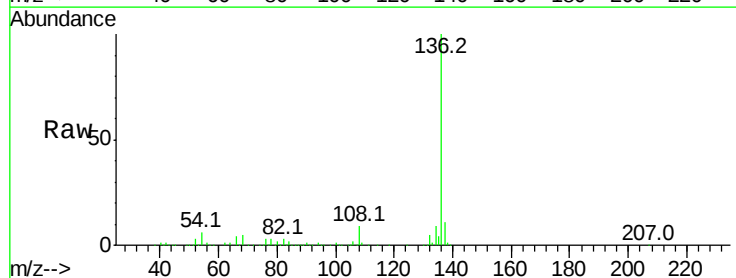
Ion Ratio Lower Upper

136 100

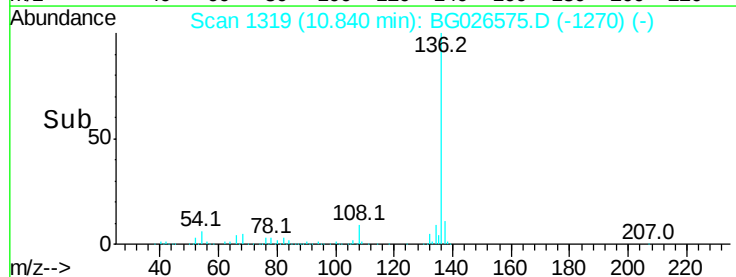
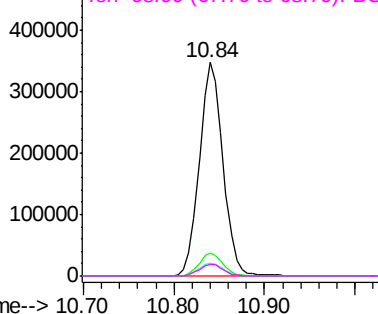
137 11.0 8.9 13.3

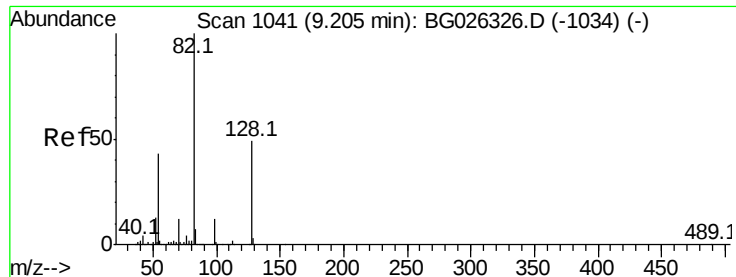
54 6.2 9.3 13.9#

68 5.3 5.1 7.7



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

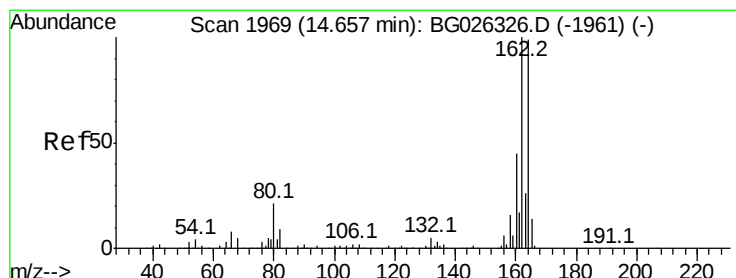
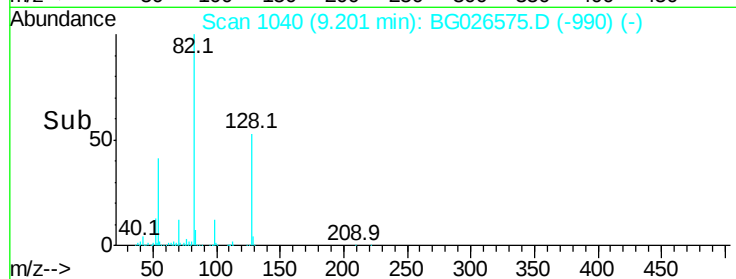
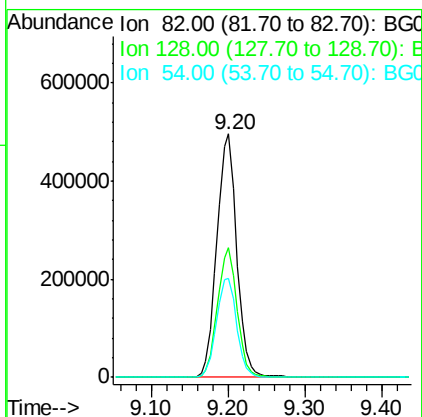
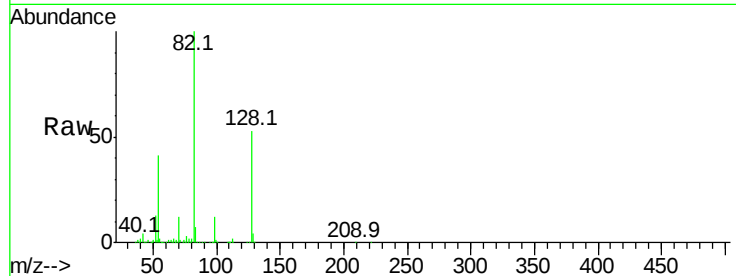




#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

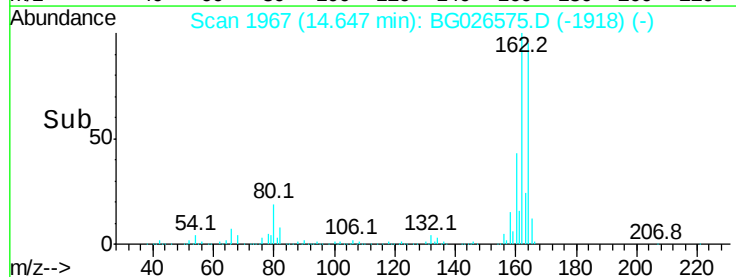
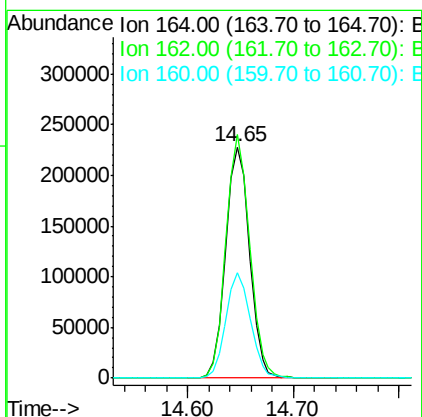
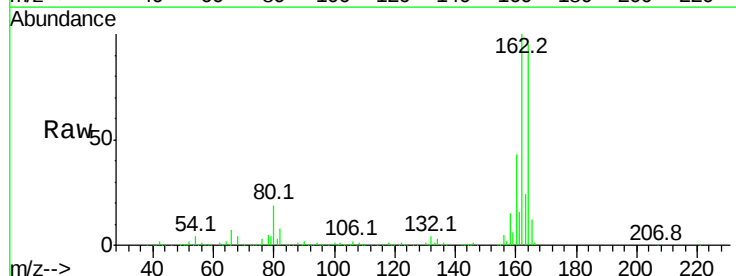
Instrument :
BNA_G
ClientSampleId :
49B

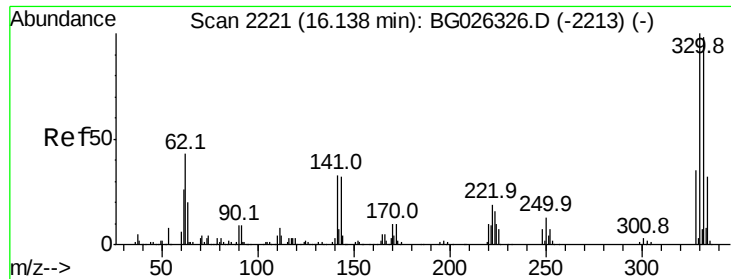
Tot Ion	82	Resp	885835
Ion	Ratio	Lower	Upper
82	100		
128	53.4	26.4	39.6#
54	40.7	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

Tgt Ion	164	Resp	356291
Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	45.7	34.7	52.1

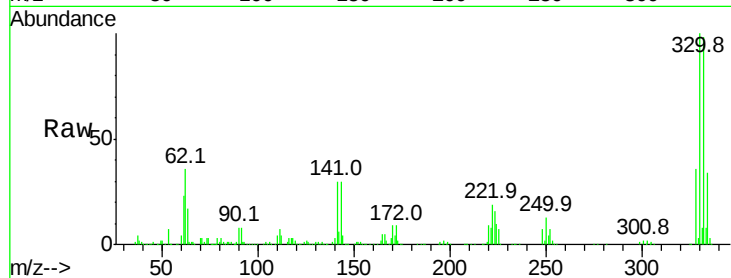




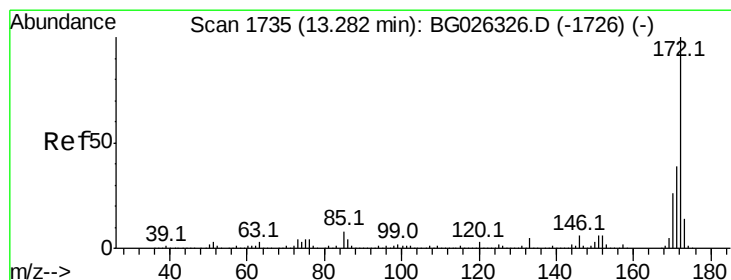
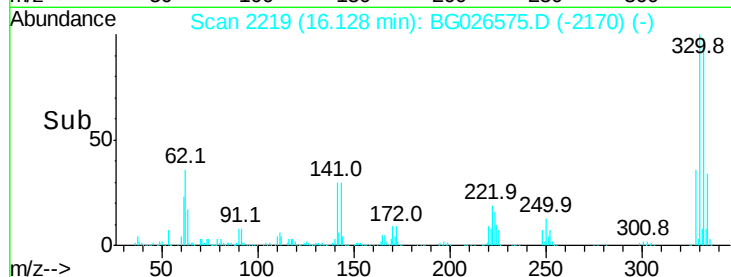
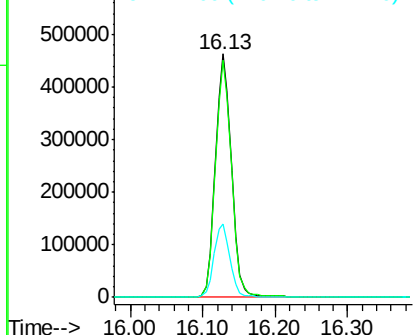
#41
 2,4,6-Tribromophenol
 Concen: 175.41 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026575.D
 Acq: 6 Apr 2017 21:01

Instrument :
 BNA_G
 ClientSampleId :
 49B

Tot Ion:330 Resp: 715680
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 29.9 32.1 48.1#

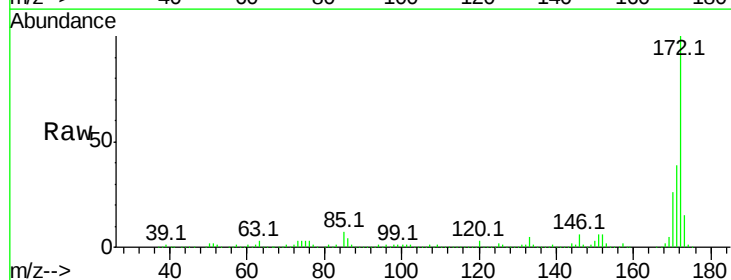


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

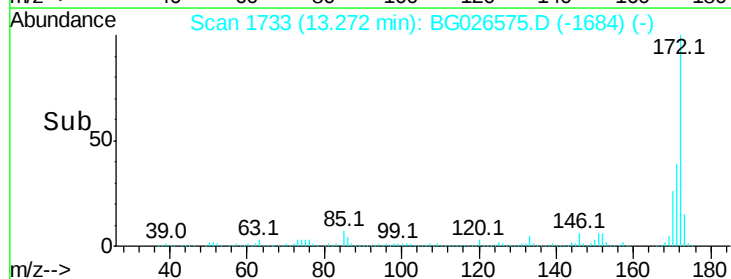
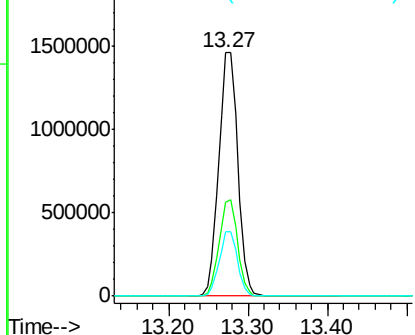


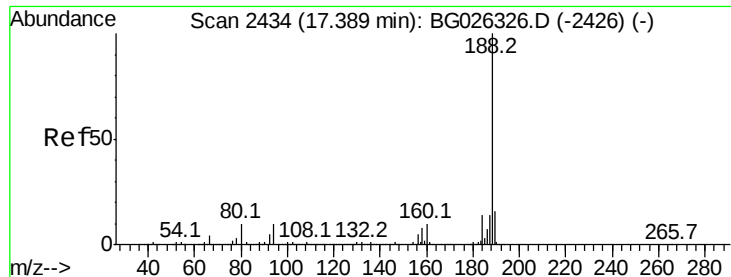
#44
 2-Fluorobiphenyl
 Concen: 95.76 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026575.D
 Acq: 6 Apr 2017 21:01

Tgt Ion:172 Resp: 2432894
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.2 48.2
 170 26.5 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

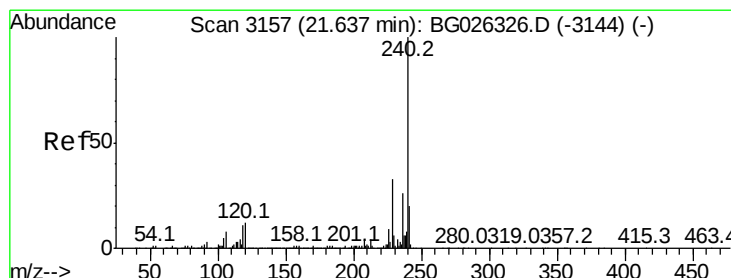
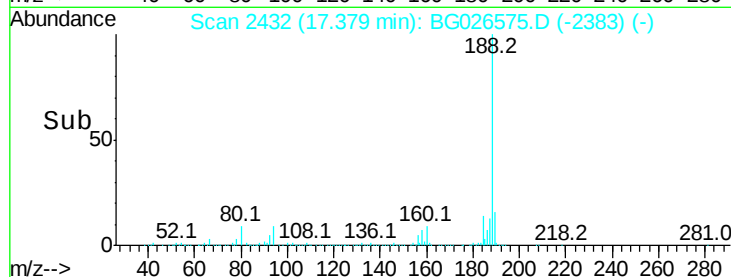
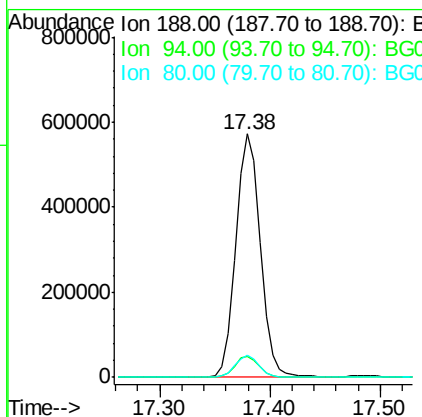
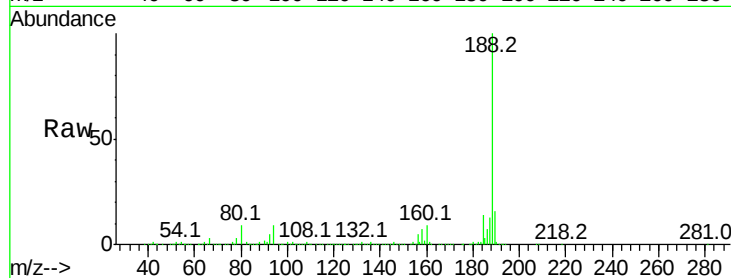




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

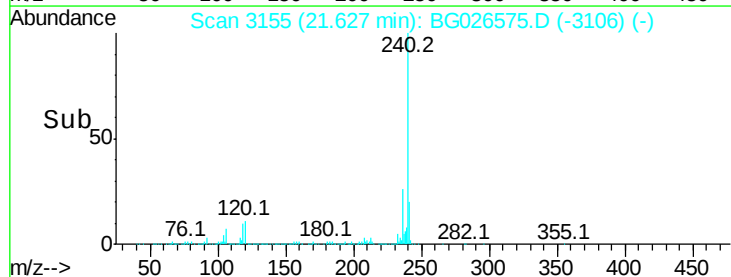
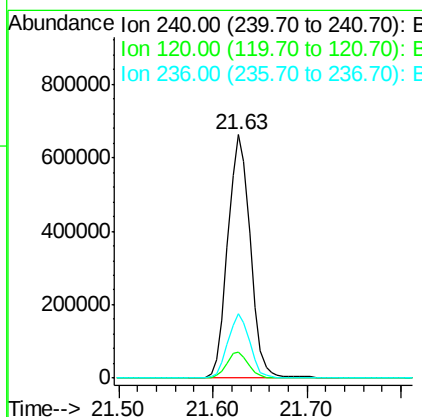
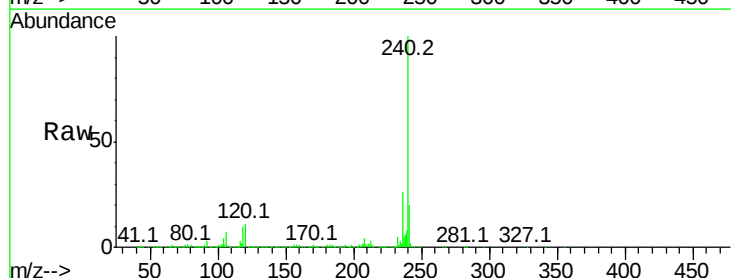
Instrument :
BNA_G
ClientSampleId :
49B

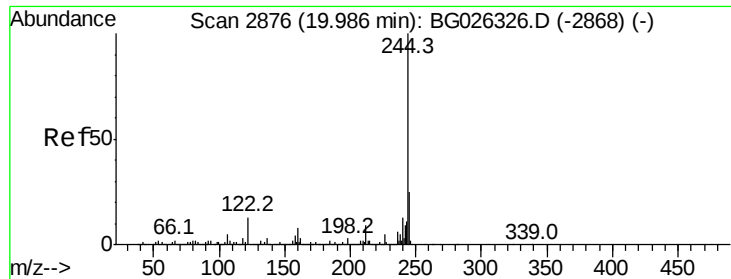
Tot Ion:188 Resp: 892786
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026575.D
Acq: 6 Apr 2017 21:01

Tgt Ion:240 Resp: 1102484
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 26.5 22.2 33.4



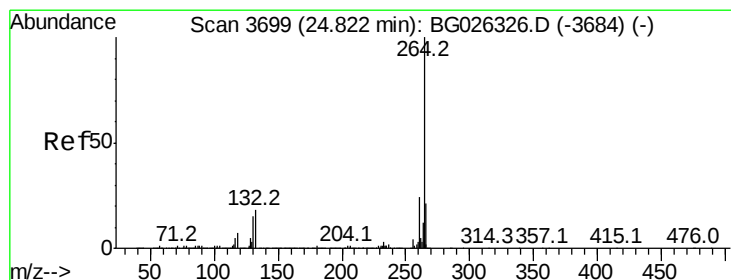
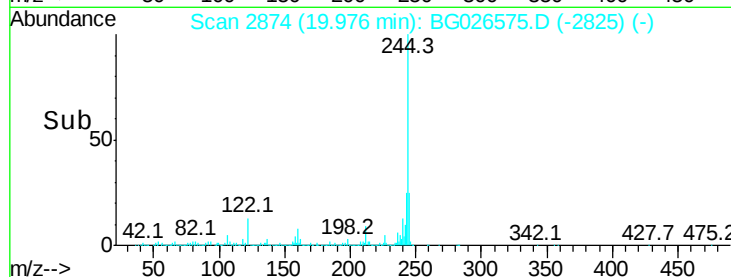
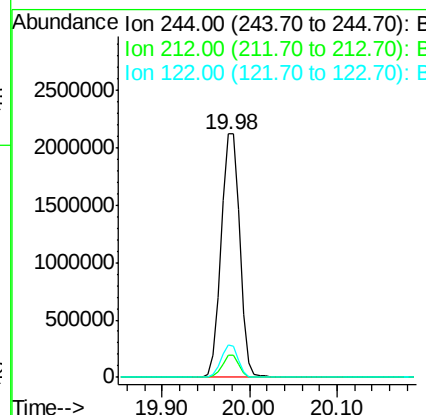
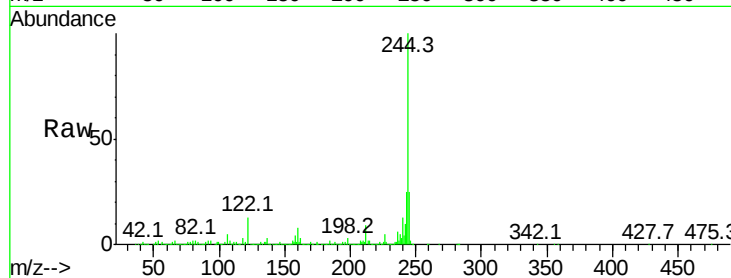


#78
 Terphenyl-d14
 Concen: 69.65 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026575.D
 Acq: 6 Apr 2017 21:01

Instrument :
 BNA_G
 ClientSampled :
 49B

Tot Ion:244 Resp: 3161756

Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	13.5	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026575.D
 Acq: 6 Apr 2017 21:01

Tgt Ion:264 Resp: 1073303

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.6	18.2	27.4

