

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031581.D
 Acq On : 15 Dec 2017 5:52
 Operator : SJ/JU
 Sample : PB104979BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 08:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

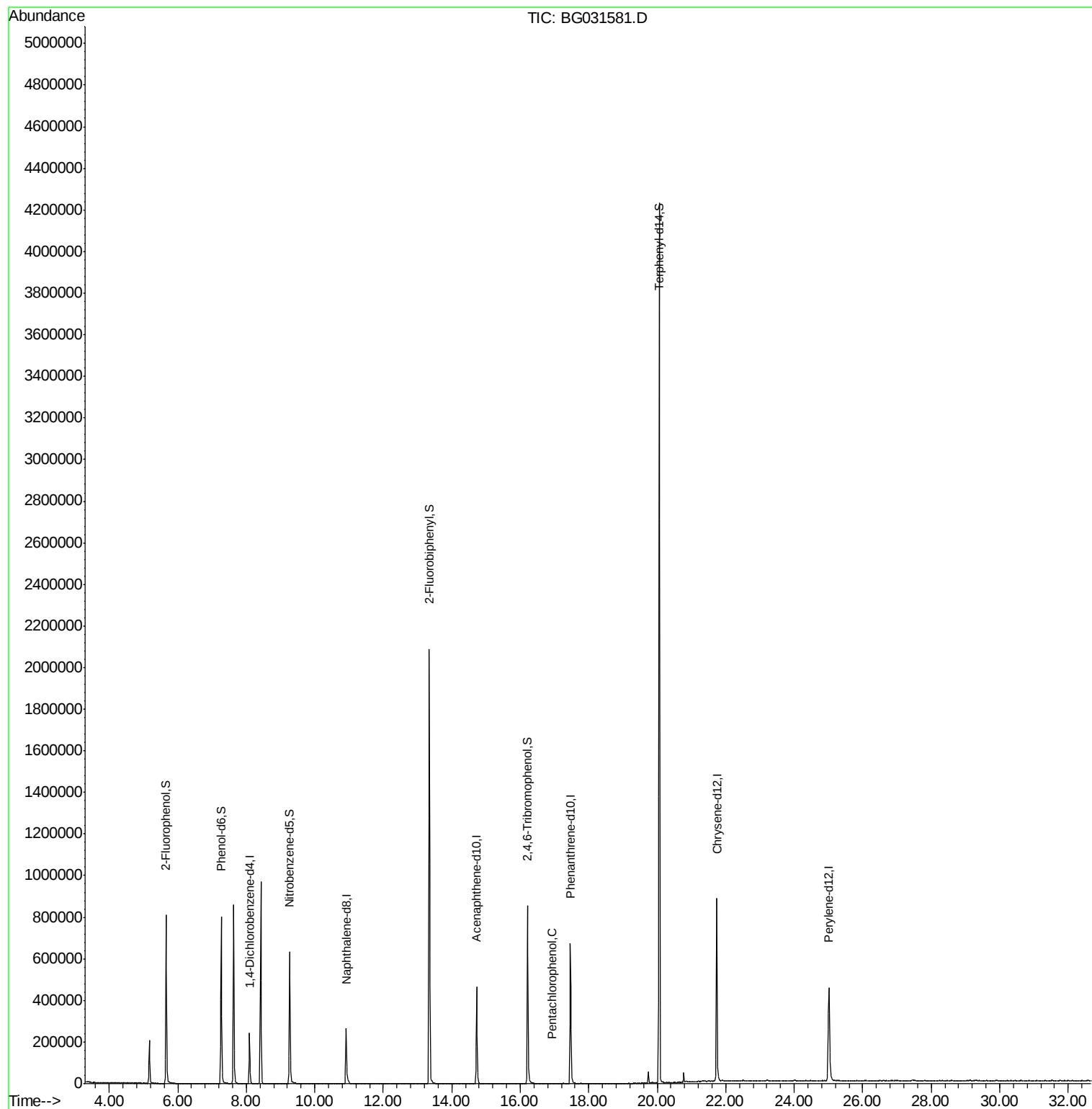
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	78132	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	312218	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194517	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	498614	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	611129	20.00	ng	-0.01
86) Perylene-d12	25.01	264	545485	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	425489	96.53	ng	-0.01
7) Phenol-d6	7.27	99	529521	86.53	ng	0.00
23) Nitrobenzene-d5	9.27	82	441240	87.11	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	198975	87.31	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1224359	92.39	ng	0.00
78) Terphenyl-d14	20.06	244	2020877	75.23	ng	0.00
Target Compounds						
69) Pentachlorophenol	16.93	266	55	5.679	ng	Qvalue # 19

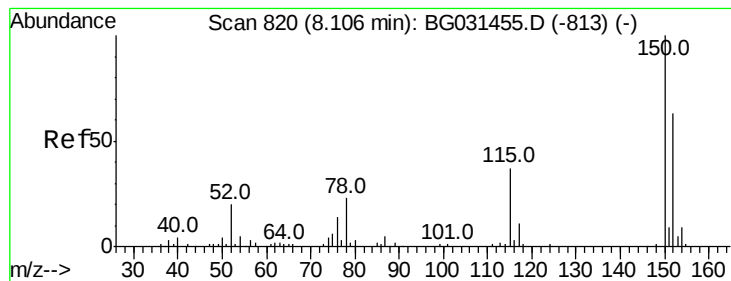
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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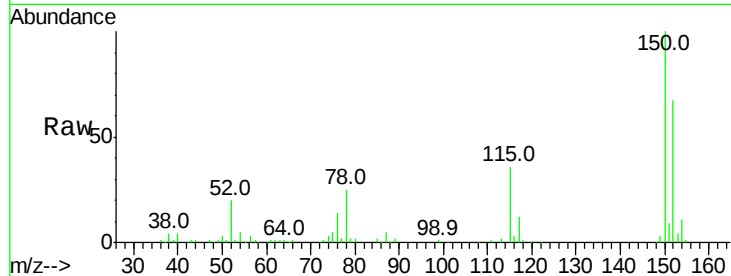


#1

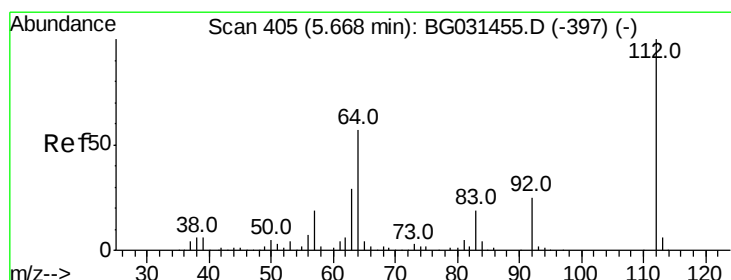
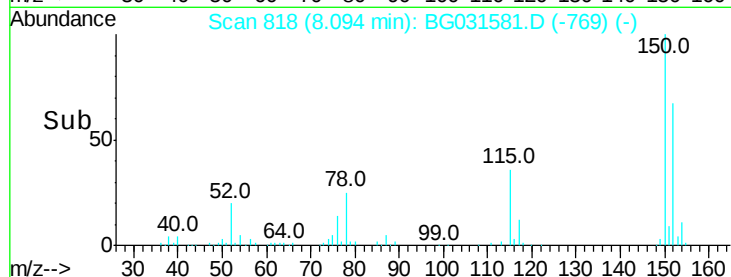
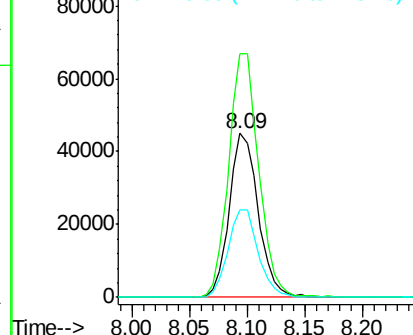
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 78132
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 53.1 53.0 79.4



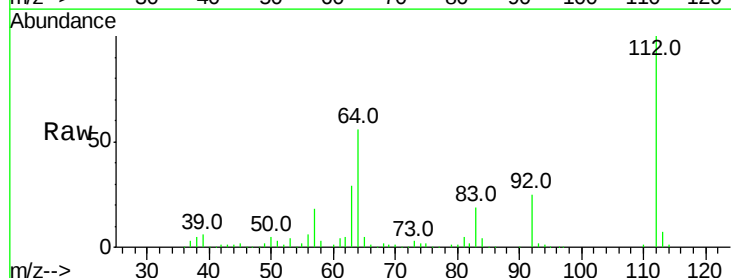
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



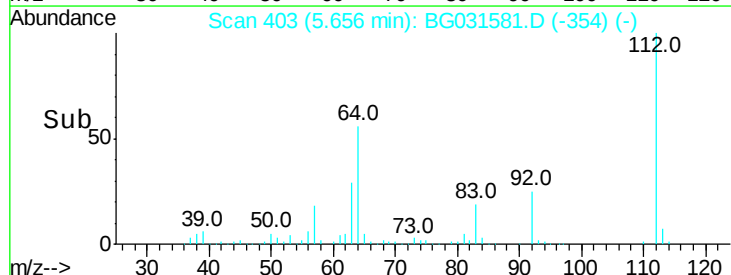
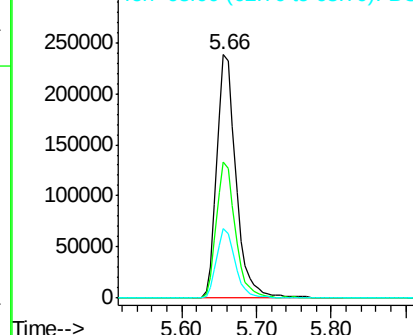
#5

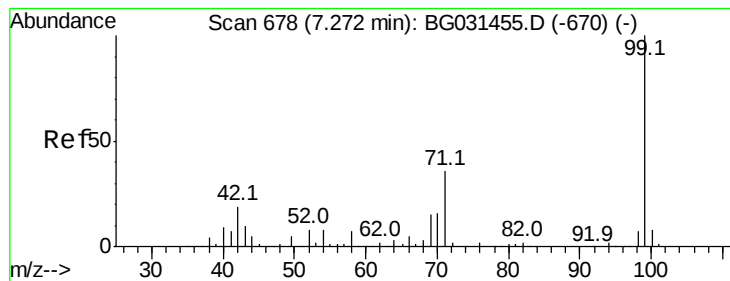
2-Fluorophenol
Concen: 96.527 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

Tgt Ion:112 Resp: 425489
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 28.7 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: 86.533 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031581.D

Acq: 15 Dec 2017 5:52

Instrument :

BNA_G

ClientSampleId :

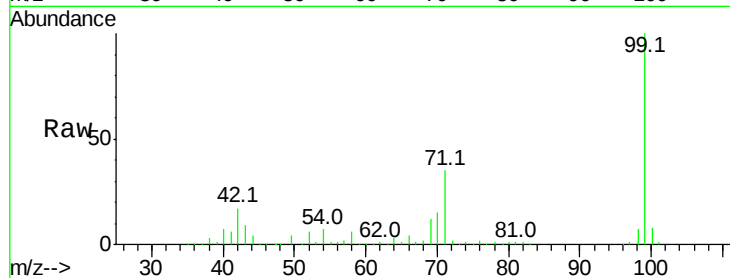
Tot Ion: 99 Resp: 529521

Ion Ratio Lower Upper

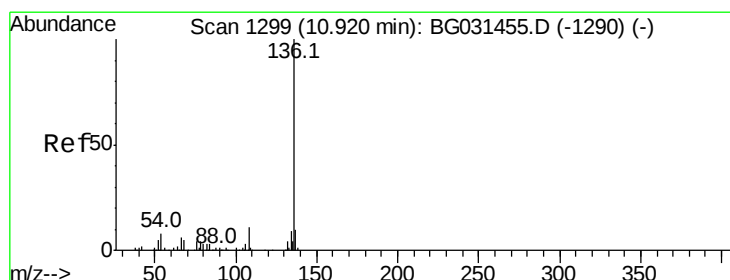
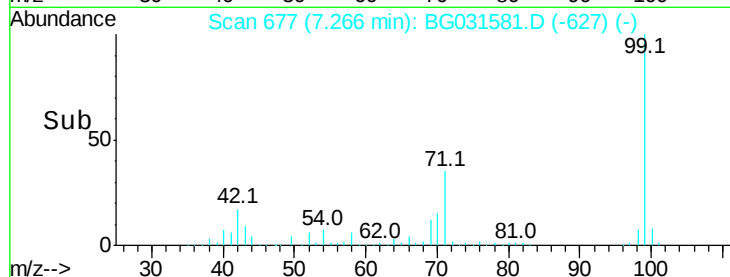
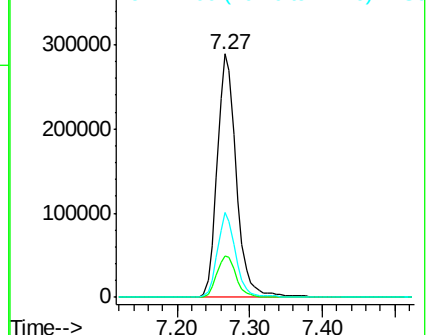
99 100

42 16.8 14.1 21.1

71 34.9 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031581.D

Acq: 15 Dec 2017 5:52

Tgt Ion: 136 Resp: 312218

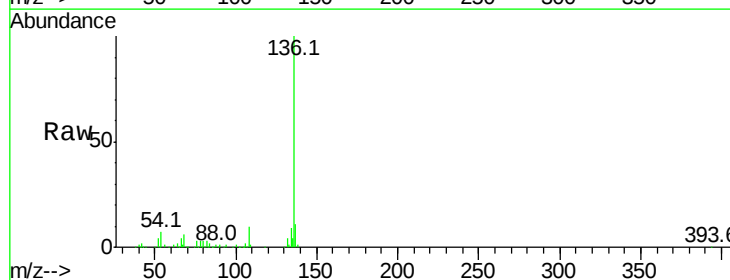
Ion Ratio Lower Upper

136 100

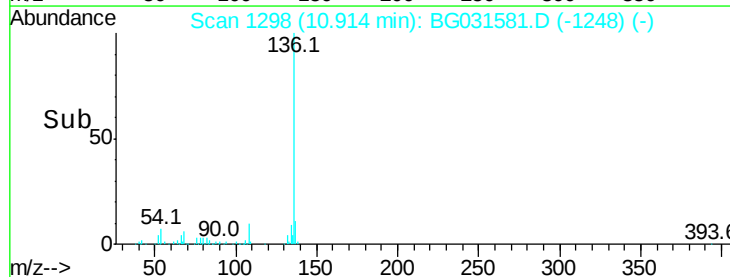
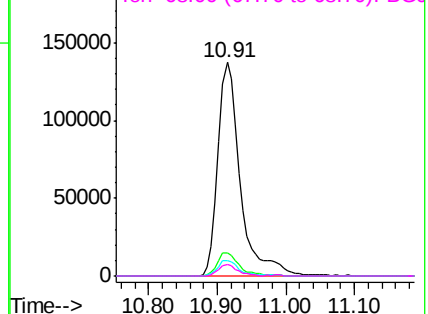
137 10.5 9.2 13.8

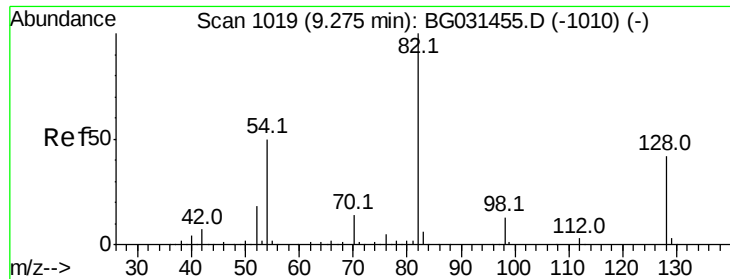
54 7.3 10.3 15.5#

68 5.6 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

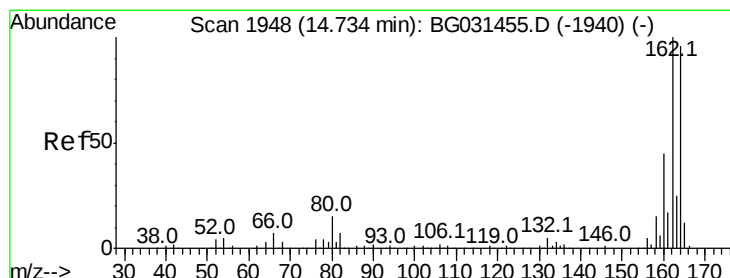
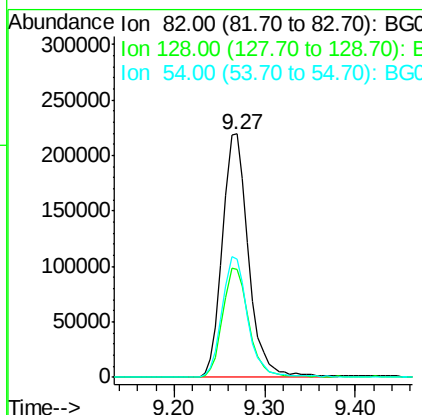
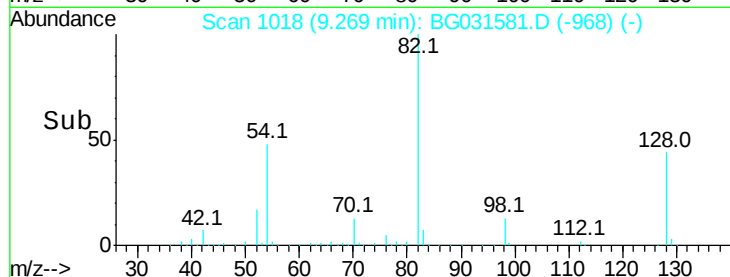
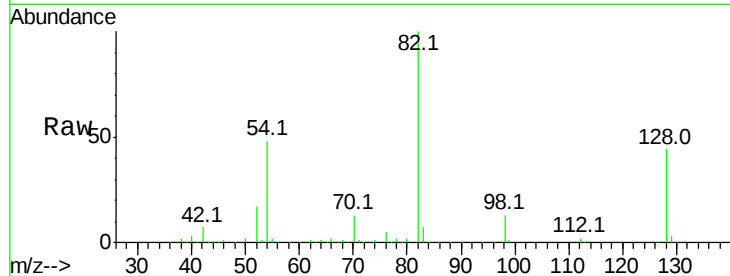




#23
Nitrobenzene-d5
Concen: 87.108 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

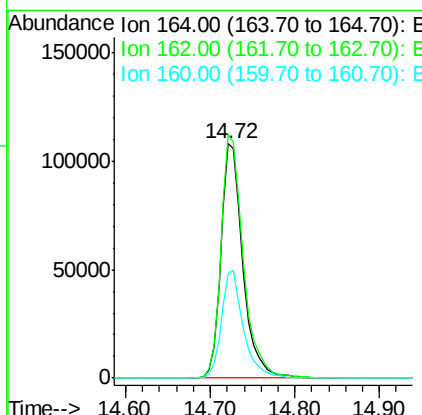
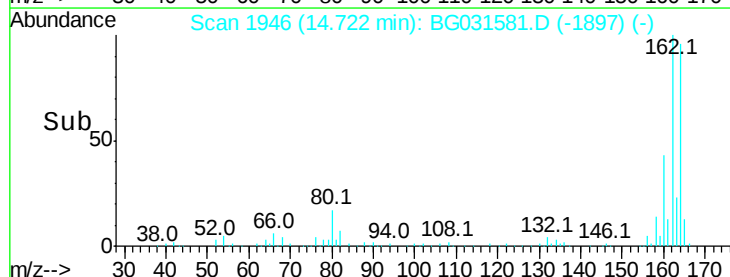
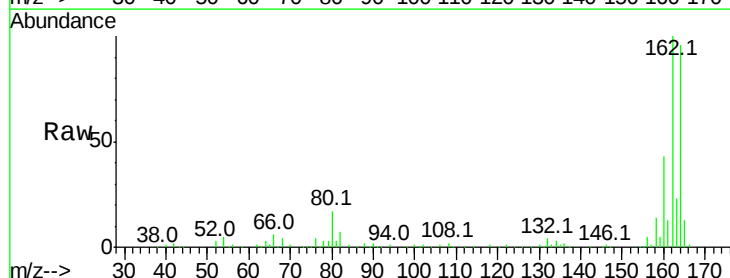
Instrument :
BNA_G
ClientSampled :

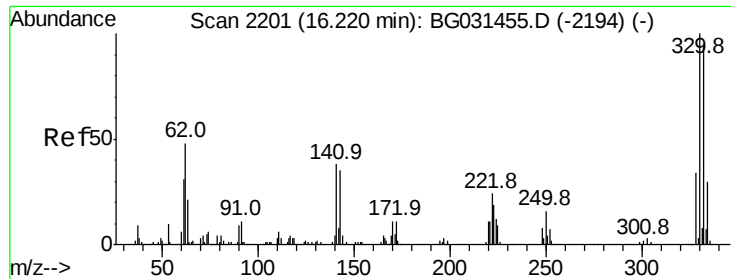
Tot Ion: 82 Resp: 441240
Ion Ratio Lower Upper
82 100
128 44.4 29.7 44.5
54 48.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

Tgt Ion:164 Resp: 194517
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 44.6 35.4 53.0

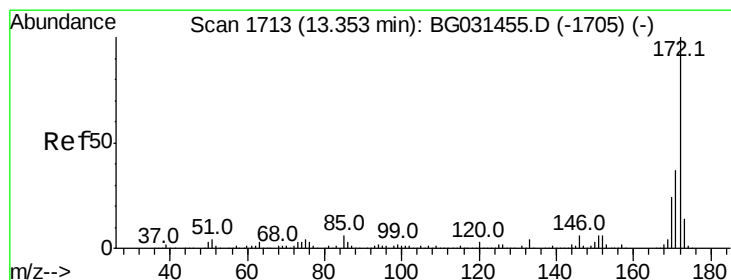
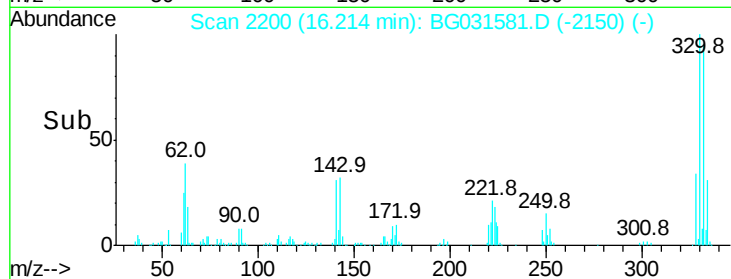
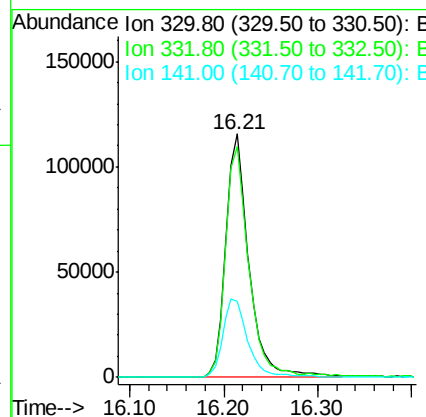
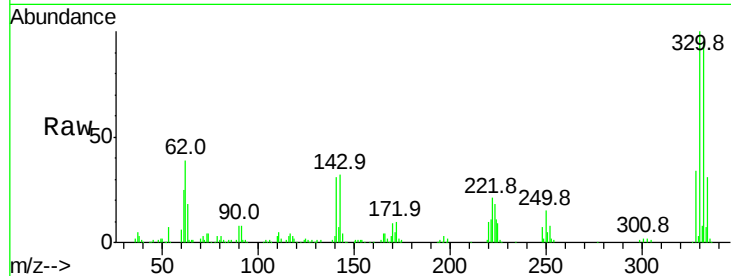




#41
 2,4,6-Tribromophenol
 Concen: 87.314 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031581.D
 Acq: 15 Dec 2017 5:52

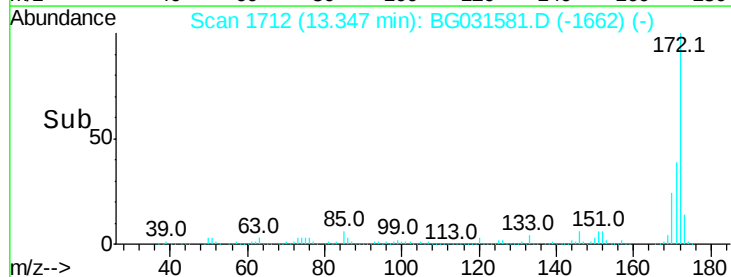
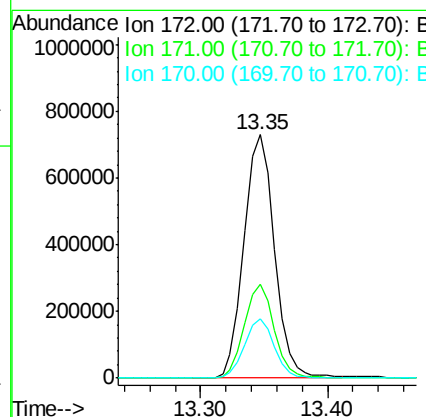
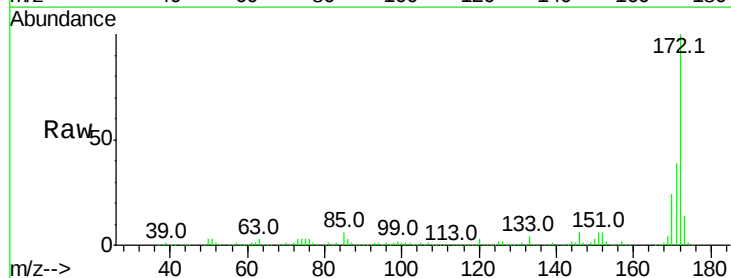
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 92.393 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031581.D
 Acq: 15 Dec 2017 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.2	19.5	29.3

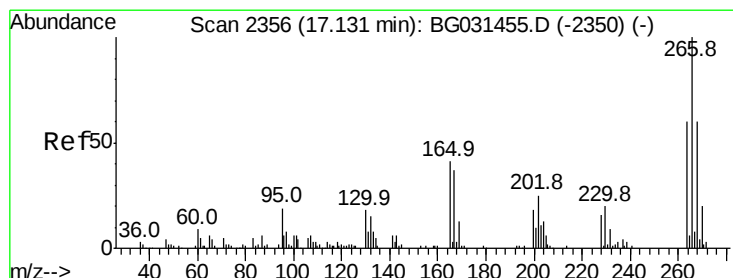
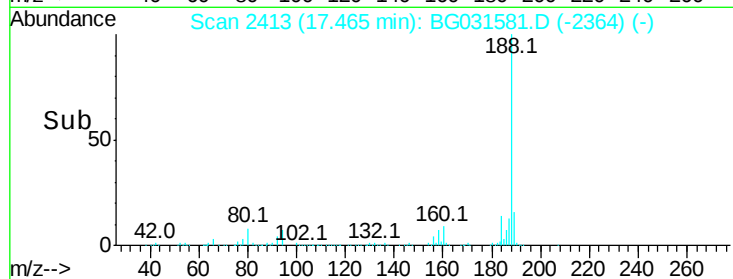
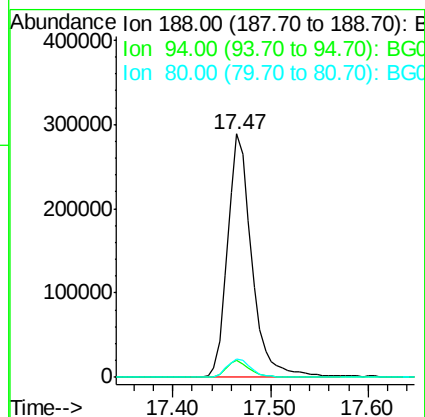
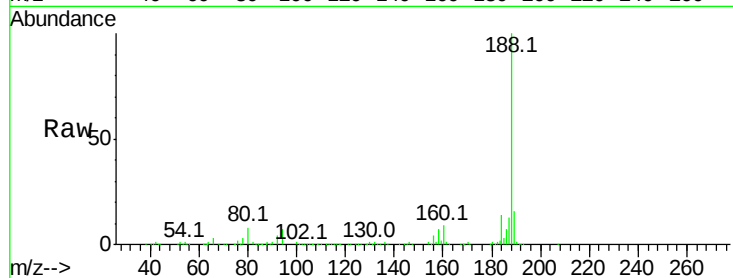




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

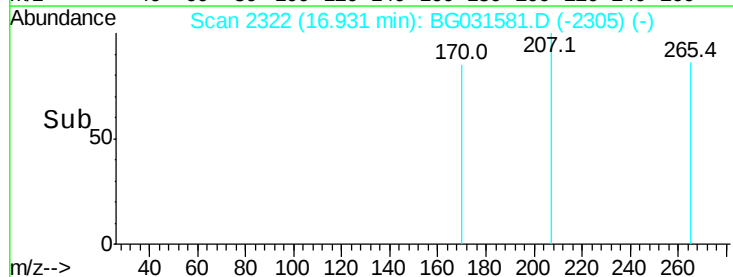
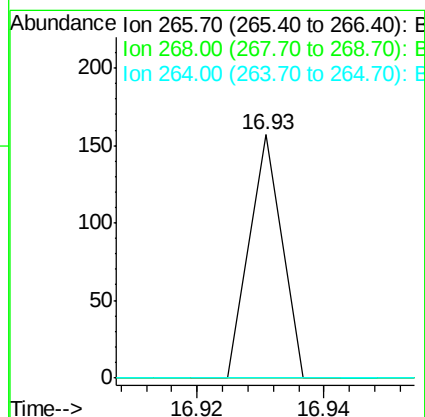
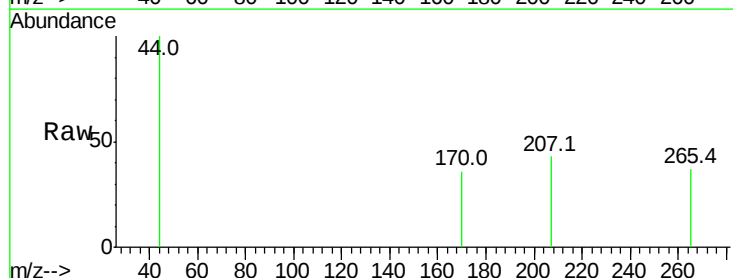
Instrument :
BNA_G
ClientSampleId :

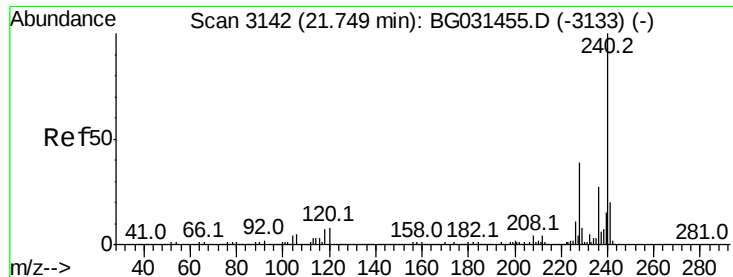
Tot Ion:188 Resp: 498614
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.8 7.7 11.5



#69
Pentachlorophenol
Concen: 5.679 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.20 min
Lab File: BG031581.D
Acq: 15 Dec 2017 5:52

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 49.6 74.4#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031581.D

Acq: 15 Dec 2017 5:52

Instrument :

BNA_G

ClientSampleId :

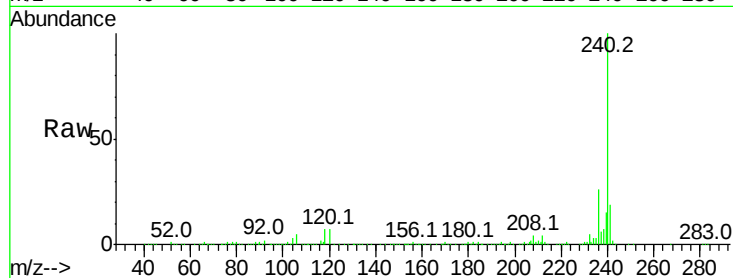
Tot Ion:240 Resp: 611129

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

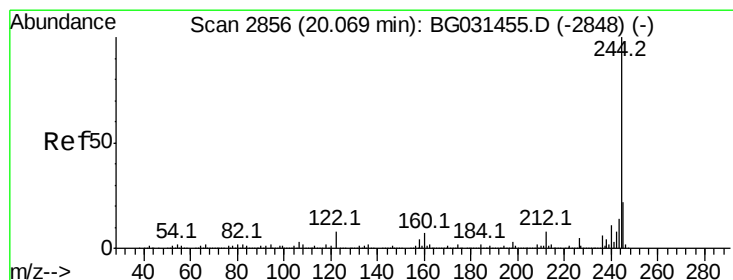
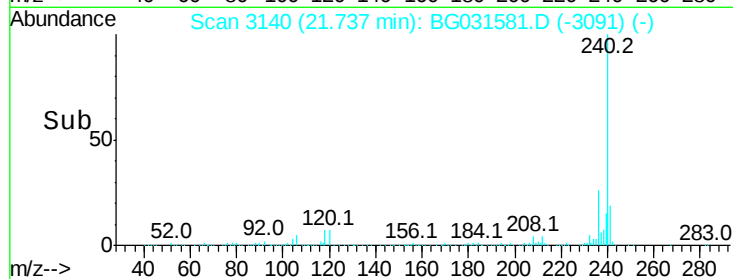
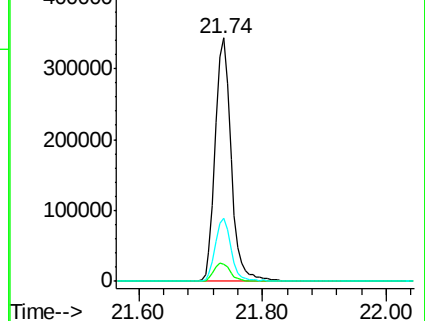
236 26.0 20.9 31.3



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: 75.235 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031581.D

Acq: 15 Dec 2017 5:52

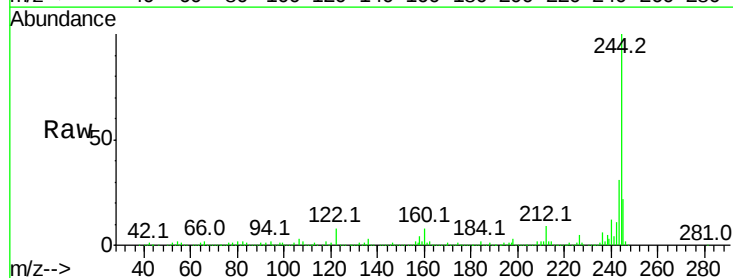
Tgt Ion:244 Resp: 2020877

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

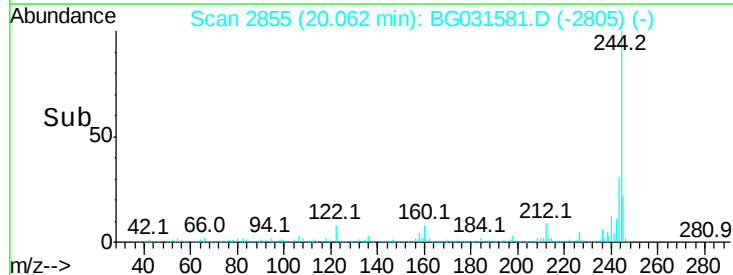
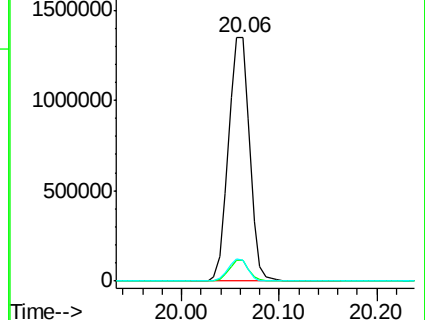
122 8.4 7.0 10.4

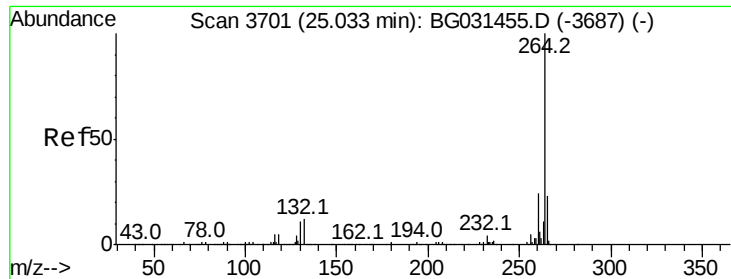


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3697
 Delta R.T. -0.02 min
 Lab File: BG031581.D
 Acq: 15 Dec 2017 5:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.6	17.7	26.5

