

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031585.D
 Acq On : 15 Dec 2017 8:22
 Operator : SJ/JU
 Sample : I6679-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 09:56:30 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

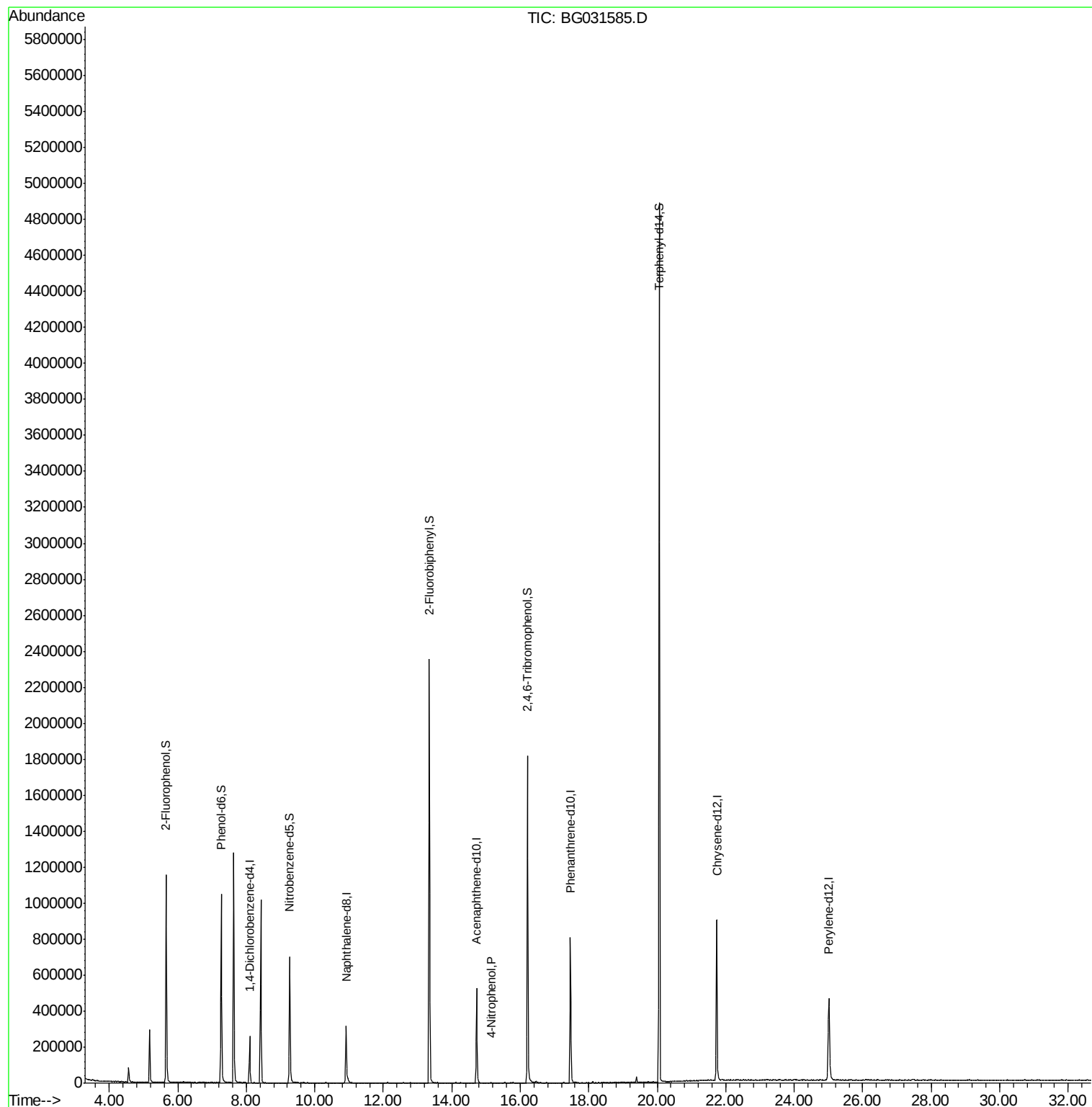
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	81494	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	338531	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211593	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	550732	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	634969	20.00	ng	-0.01
86) Perylene-d12	25.02	264	542354	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	592011	128.76	ng	0.00
7) Phenol-d6	7.27	99	690701	108.22	ng	0.00
23) Nitrobenzene-d5	9.27	82	485167	88.33	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	395152	159.41	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1353145	93.87	ng	0.00
78) Terphenyl-d14	20.06	244	2408502	86.30	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.15	139	687	3.797	ng	Qvalue # 1

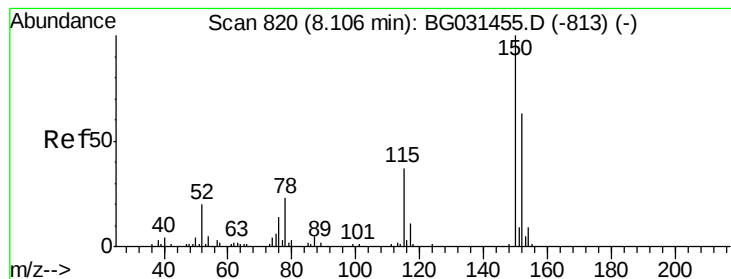
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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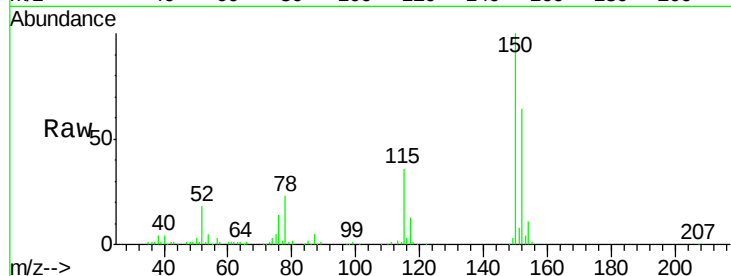


#1

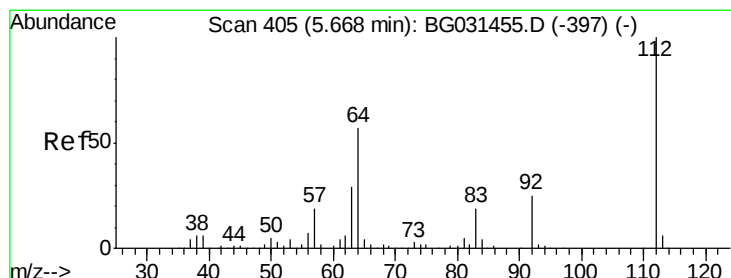
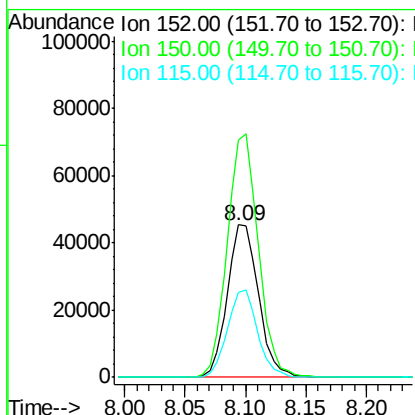
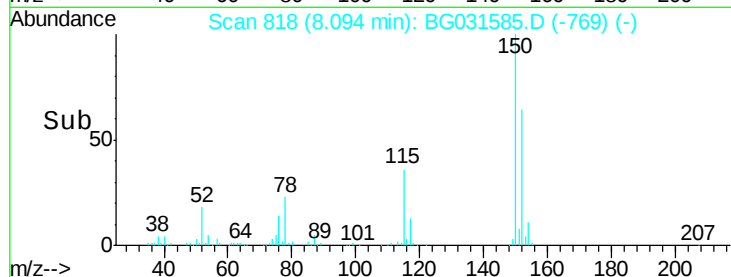
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81494
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 55.3 53.0 79.4



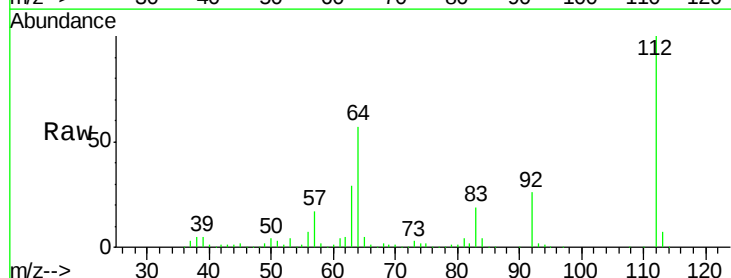
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



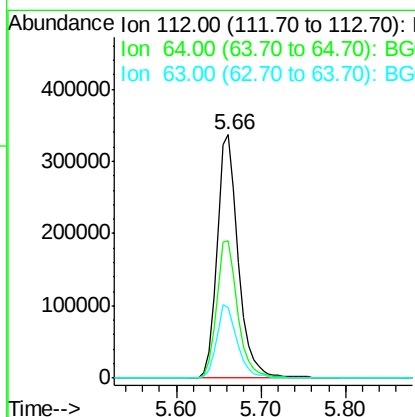
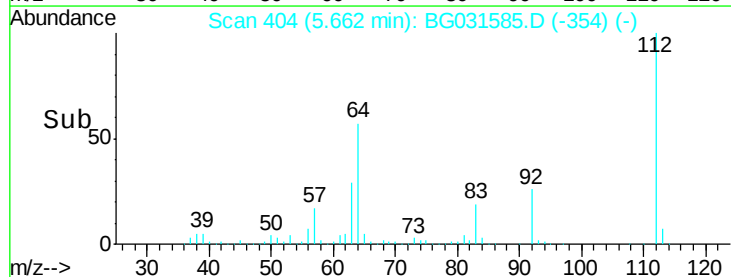
#5

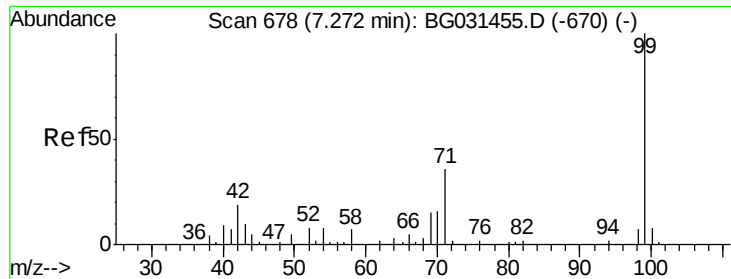
2-Fluorophenol
Concen: 128.764 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Tgt Ion:112 Resp: 592011
Ion Ratio Lower Upper
112 100
64 56.6 56.3 84.5
63 29.3 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: 108.216 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031585.D

Acq: 15 Dec 2017 8:22

Instrument :

BNA_G

ClientSampled :

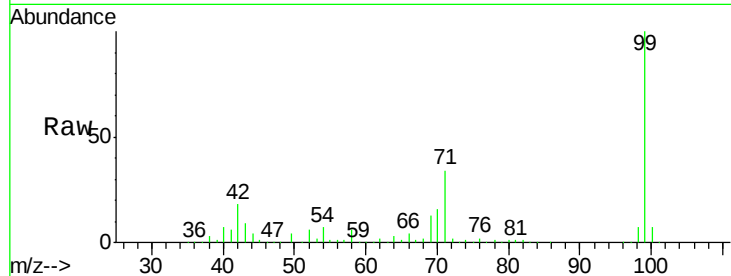
Tot Ion: 99 Resp: 690701

Ion Ratio Lower Upper

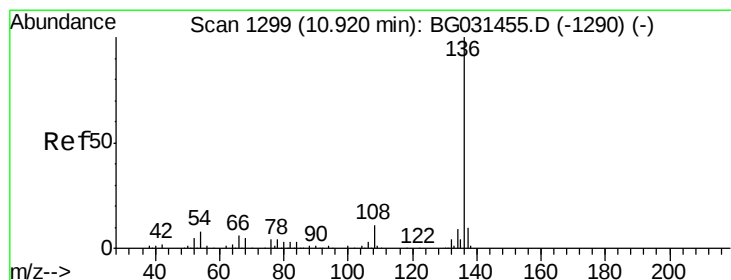
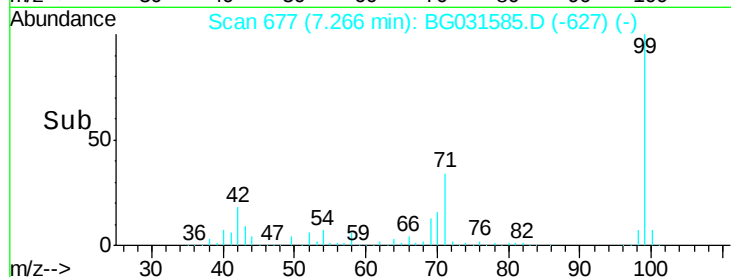
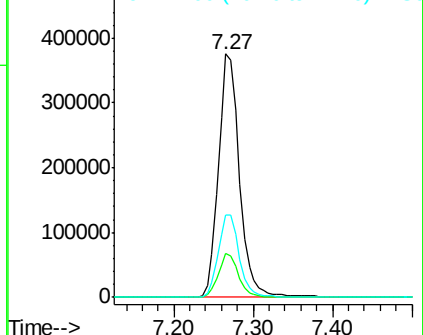
99 100

42 17.8 14.1 21.1

71 34.0 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: BG031585.D

Acq: 15 Dec 2017 8:22

Tgt Ion: 136 Resp: 338531

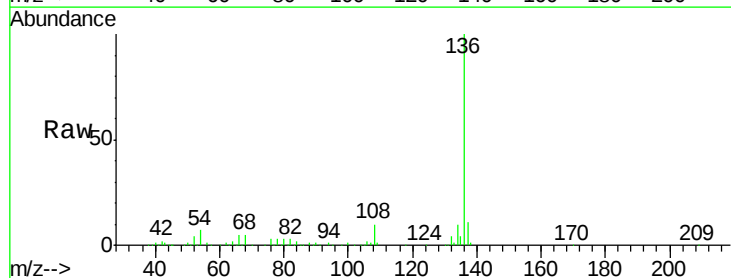
Ion Ratio Lower Upper

136 100

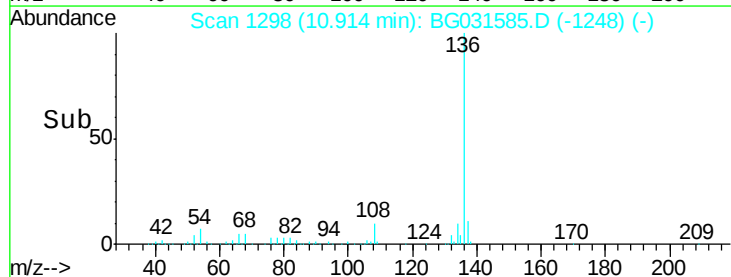
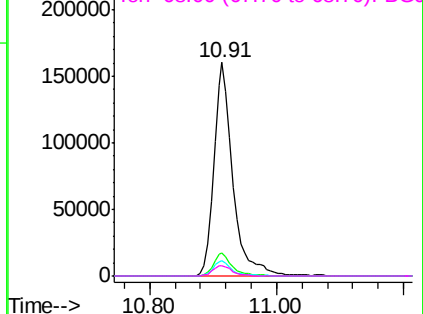
137 10.6 9.2 13.8

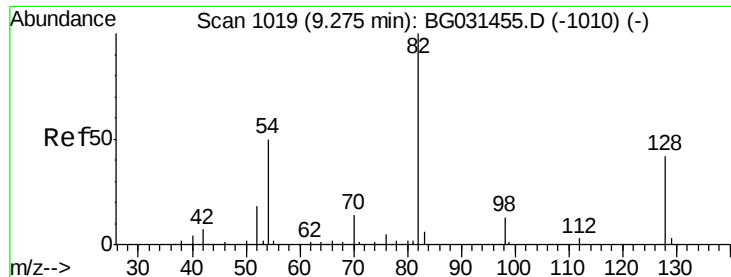
54 7.5 10.3 15.5#

68 4.9 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

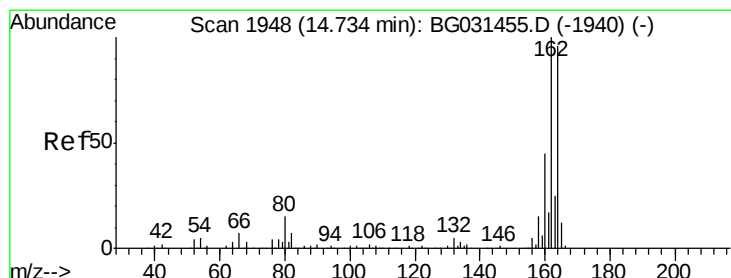
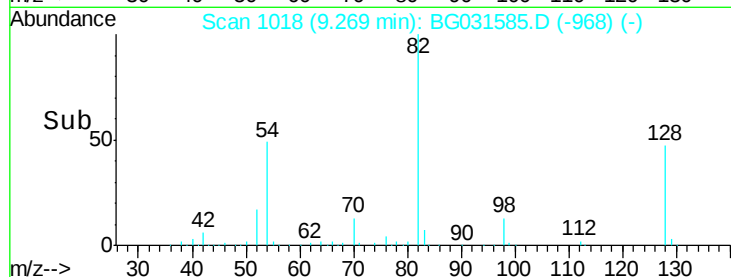
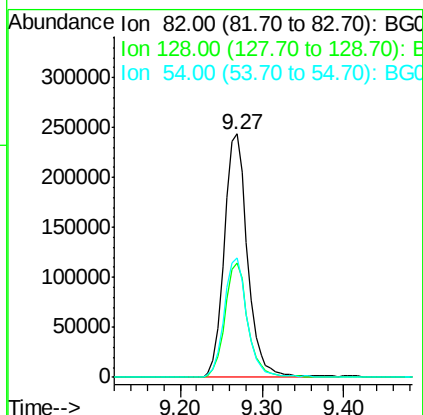
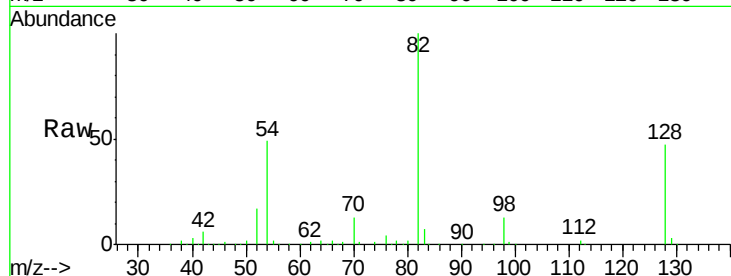




#23
Nitrobenzene-d5
Concen: 88.335 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

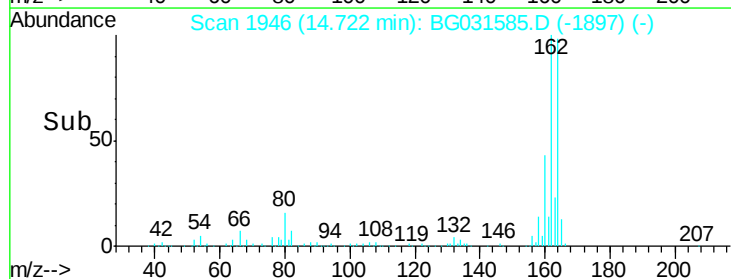
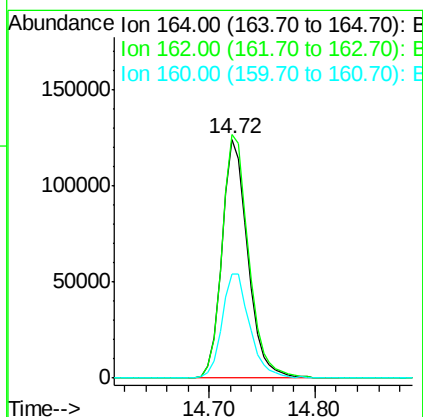
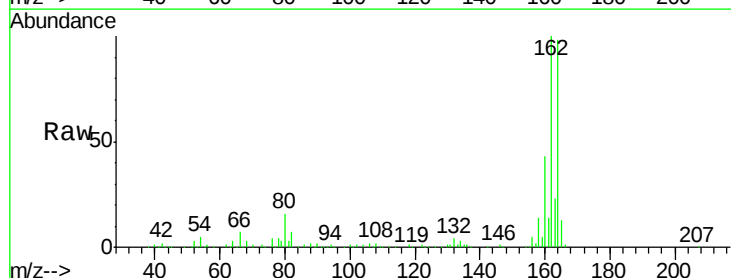
Instrument :
BNA_G
ClientSampleId :

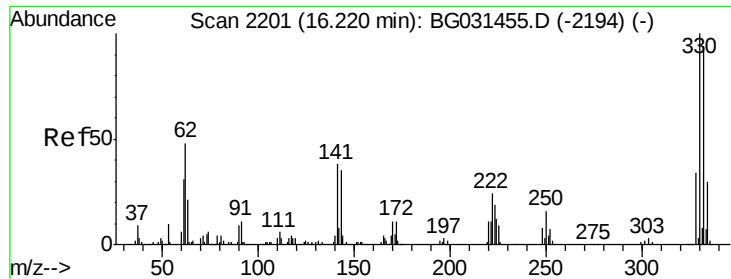
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5
54	48.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	43.5	35.4	53.0

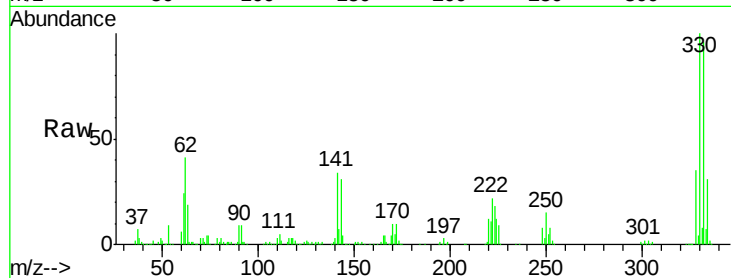




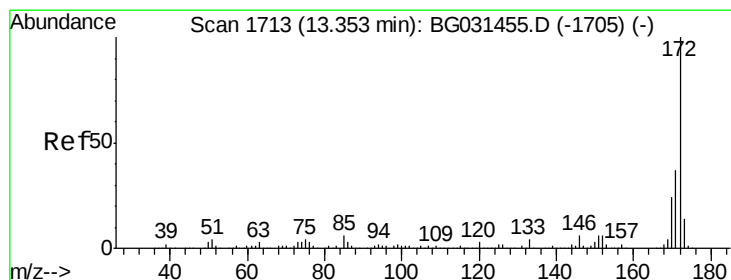
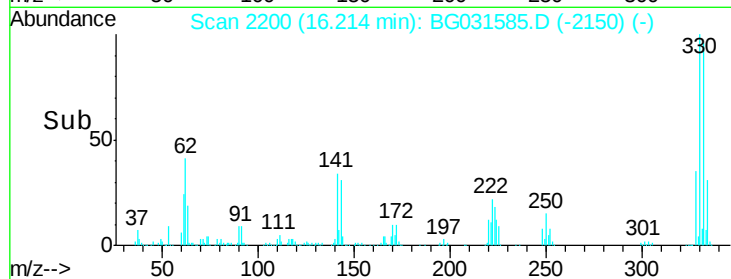
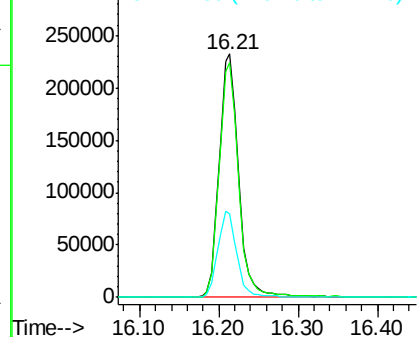
#41
 2,4,6-Tribromophenol
 Concen: 159.406 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031585.D
 Acq: 15 Dec 2017 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.8	25.2	37.8

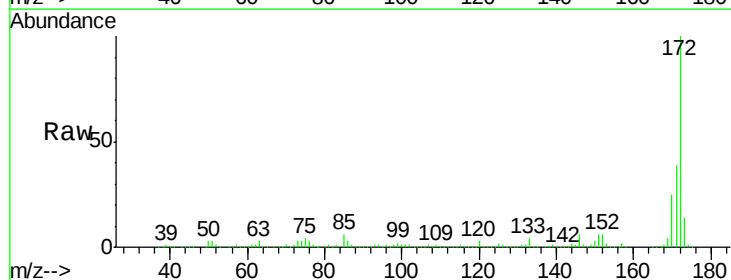


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

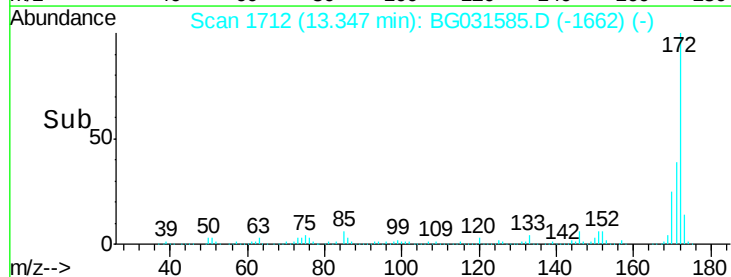
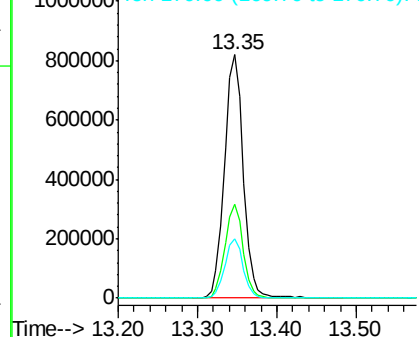


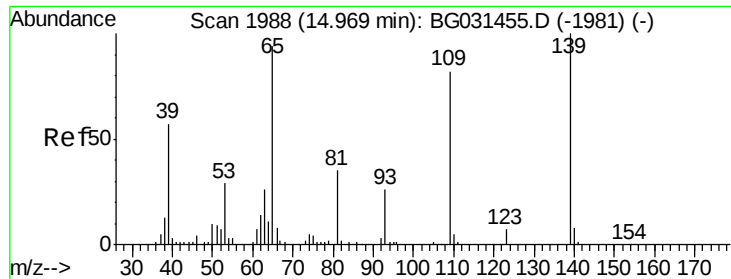
#44
 2-Fluorobiphenyl
 Concen: 93.871 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031585.D
 Acq: 15 Dec 2017 8:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.6	19.5	29.3



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

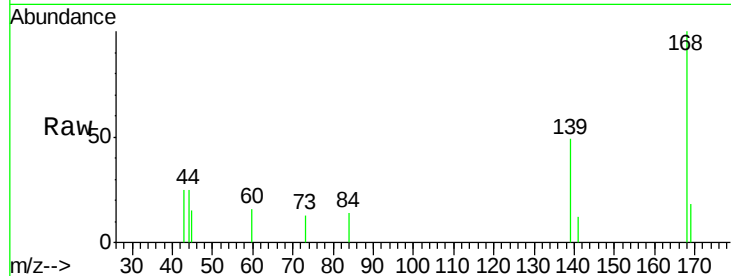




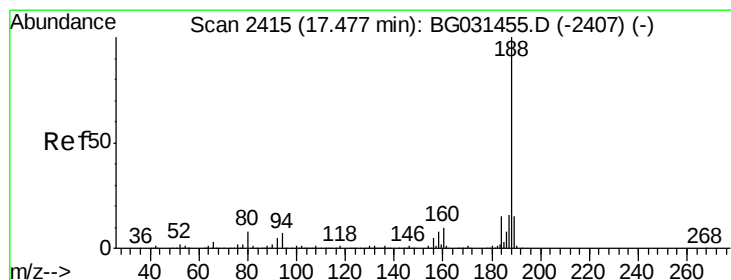
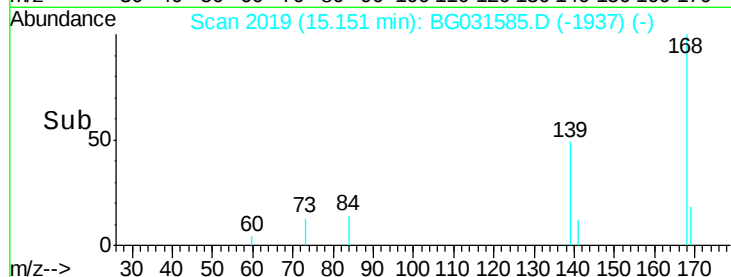
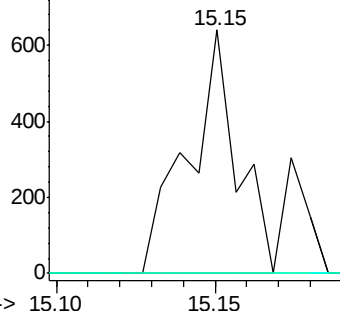
#55
4-Nitrophenol
Concen: 3.797 ng
RT: 15.15 min Scan# 2019
Delta R.T. 0.18 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 687
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

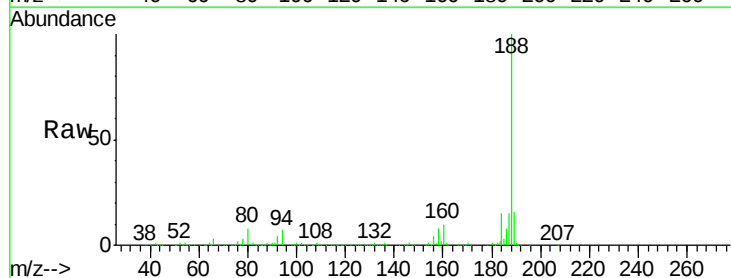


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

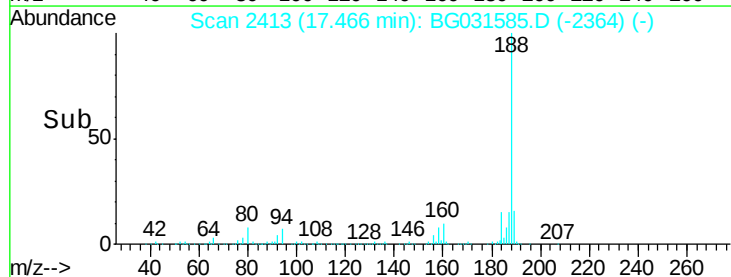
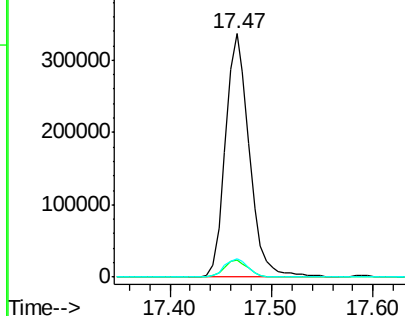


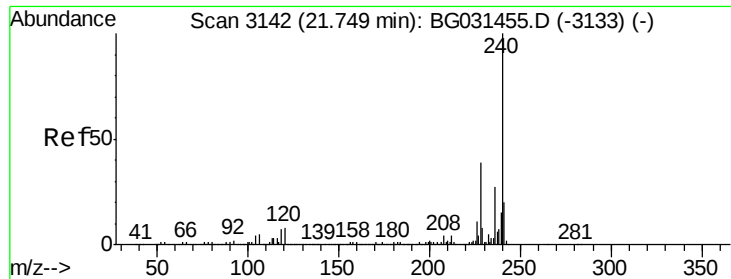
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Tgt Ion:188 Resp: 550732
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 7.7 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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031585.D

Acq: 15 Dec 2017 8:22

Instrument :

BNA_G

ClientSampleId :

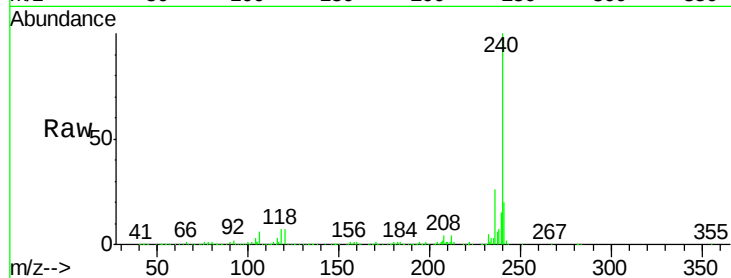
Tot Ion:240 Resp: 634969

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

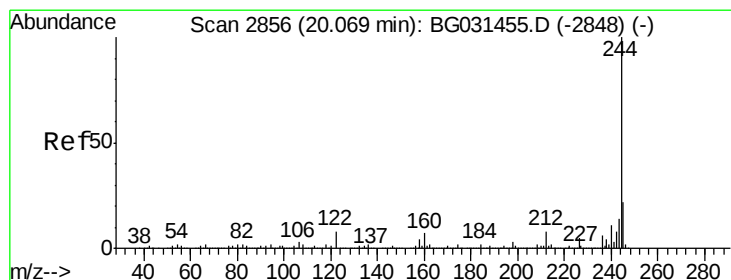
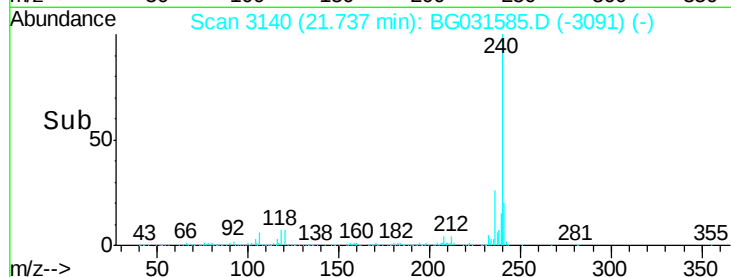
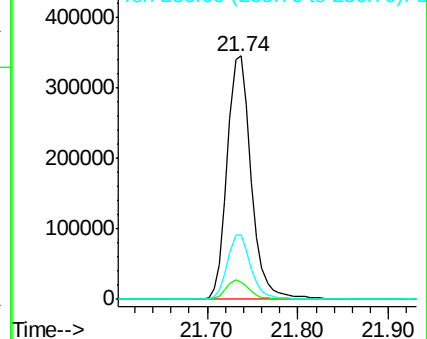
236 26.3 20.9 31.3



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: 86.299 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031585.D

Acq: 15 Dec 2017 8:22

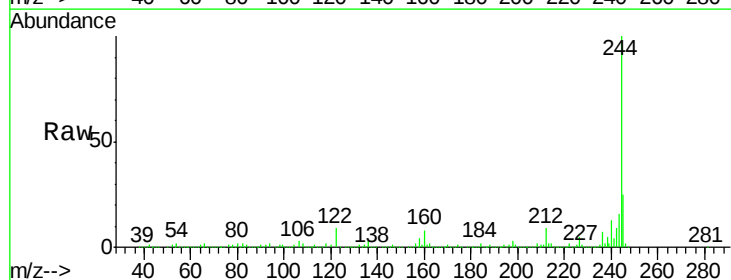
Tgt Ion:244 Resp: 2408502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

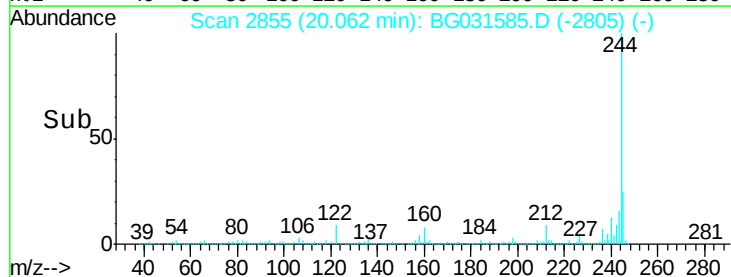
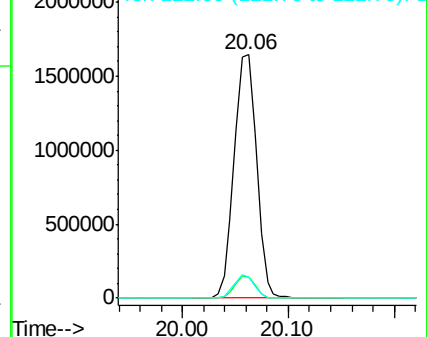
122 8.7 7.0 10.4

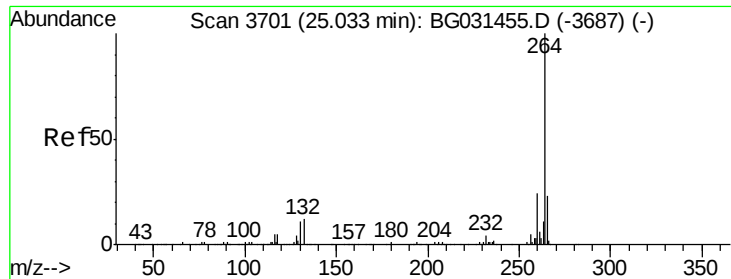


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

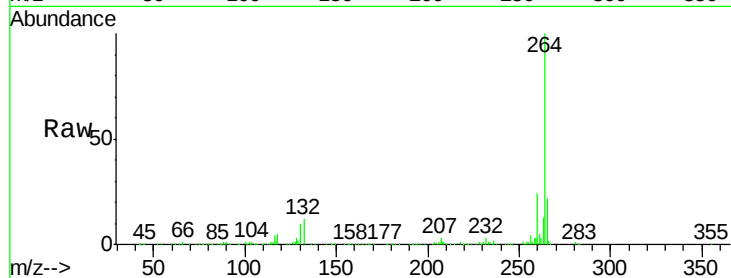




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031585.D
Acq: 15 Dec 2017 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.9	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

