

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031617.D
 Acq On : 16 Dec 2017 9:21
 Operator : SJ/JU
 Sample : I6880-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-FOPI-F-U-S

Quant Time: Dec 18 03:27:30 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	8.10	152	71767	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	313998	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	213581	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	565792	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	649589	20.00	ng	-0.01
86) Perylene-d12	25.01	264	550838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	123321	30.46	ng	0.00
7) Phenol-d6	7.27	99	98144	17.46	ng	0.00
23) Nitrobenzene-d5	9.27	82	321917	63.19	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	171687	68.61	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1004656	69.05	ng	0.00
78) Terphenyl-d14	20.06	244	1815541	63.59	ng	-0.01

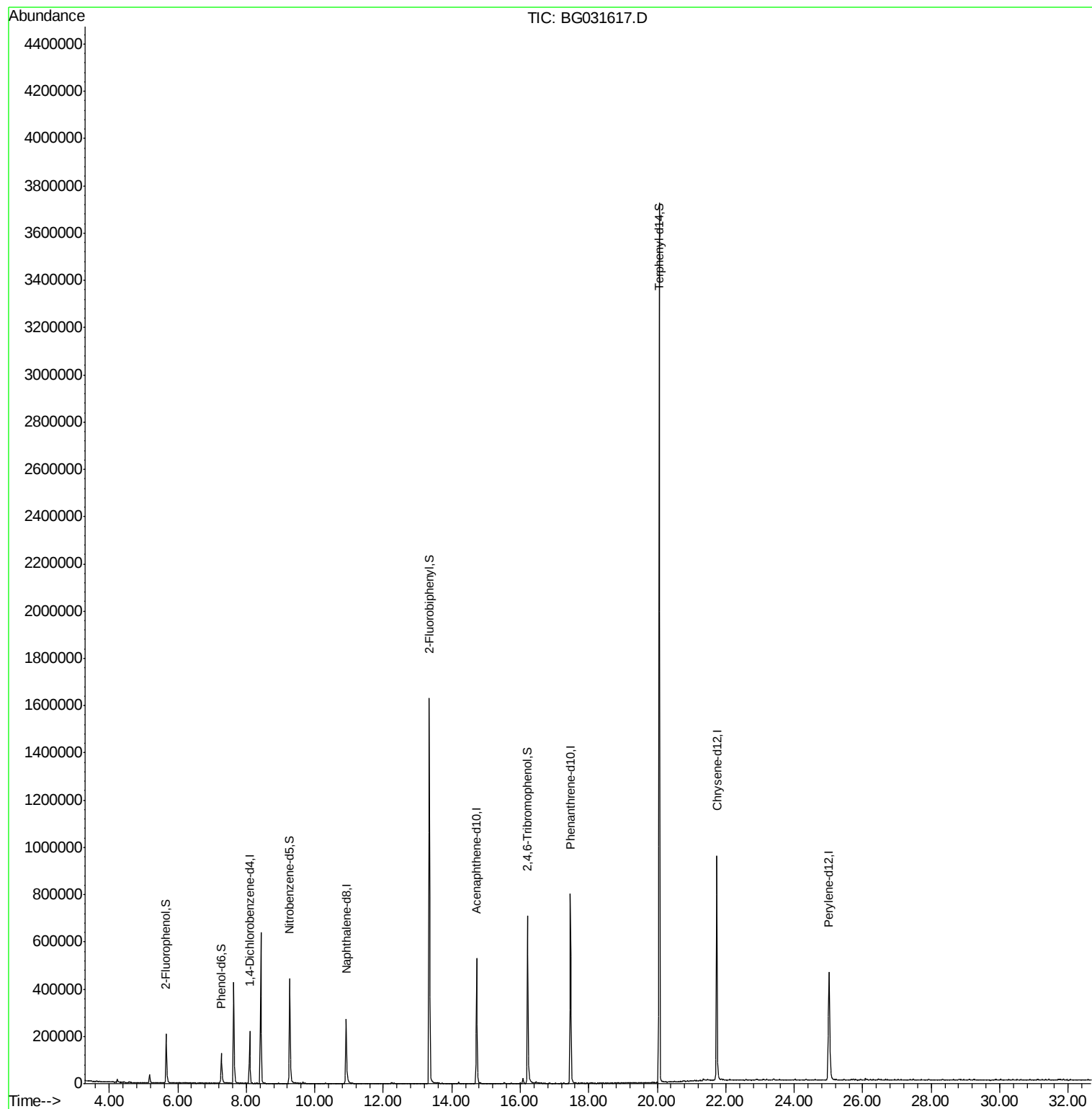
Target Compounds	Qvalue
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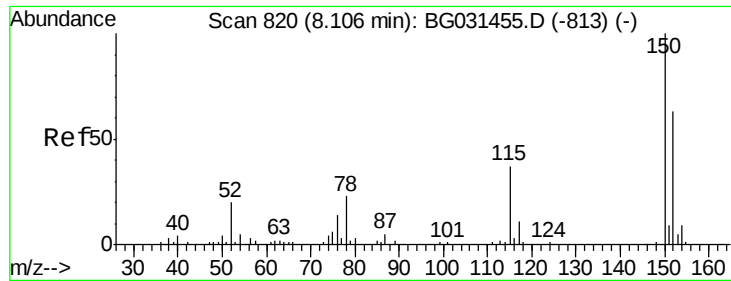
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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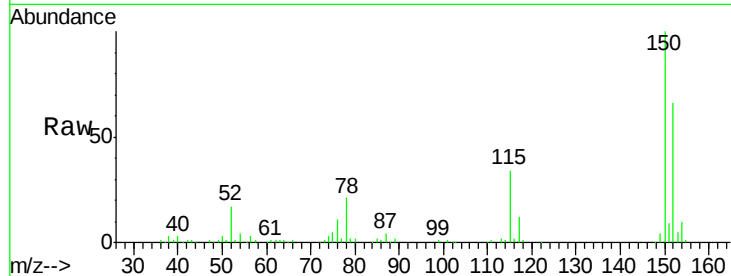


#1

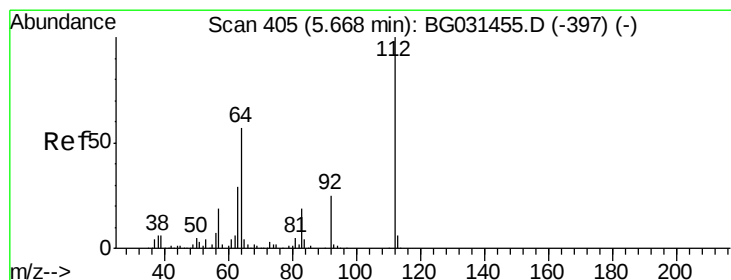
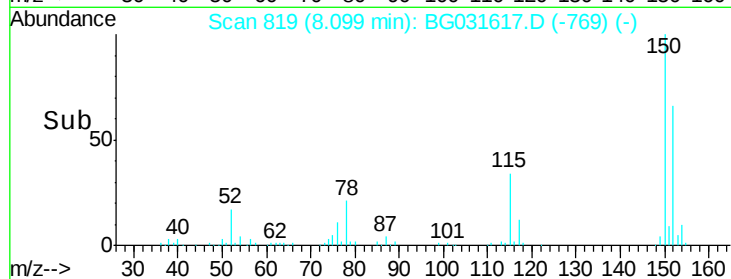
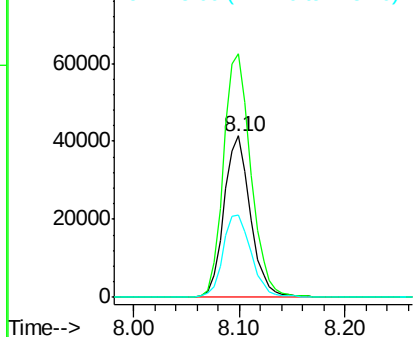
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-U-S

Tgt Ion:152 Resp: 71767
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 51.3 53.0 79.4#



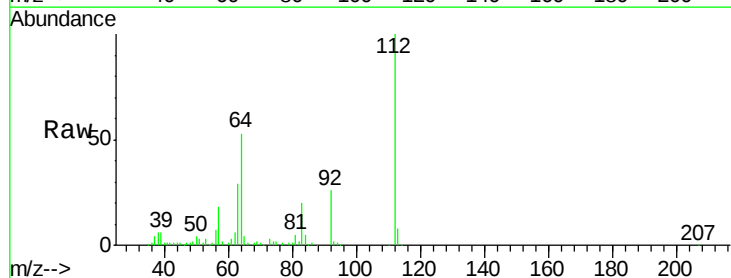
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



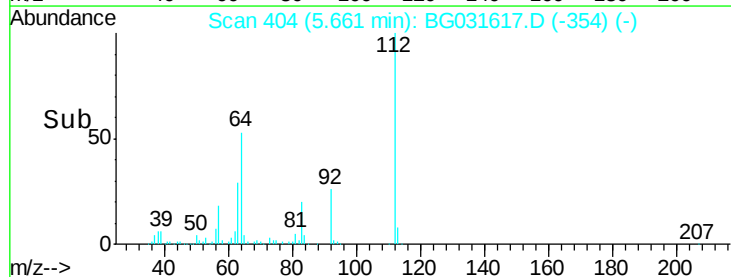
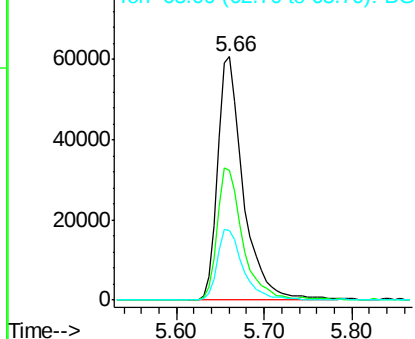
#5

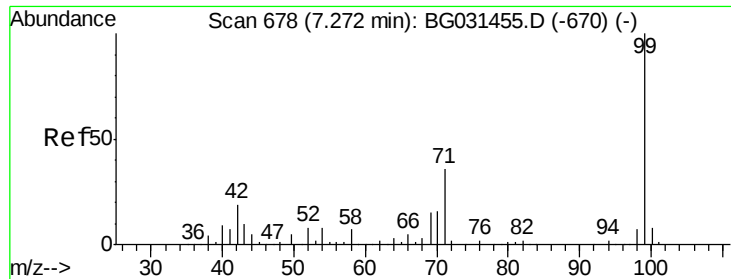
2-Fluorophenol
Concen: 30.458 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

Tgt Ion:112 Resp: 123321
Ion Ratio Lower Upper
112 100
64 53.2 56.3 84.5#
63 28.6 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: 17.461 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031617.D

Acq: 16 Dec 2017 9:21

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-U-S

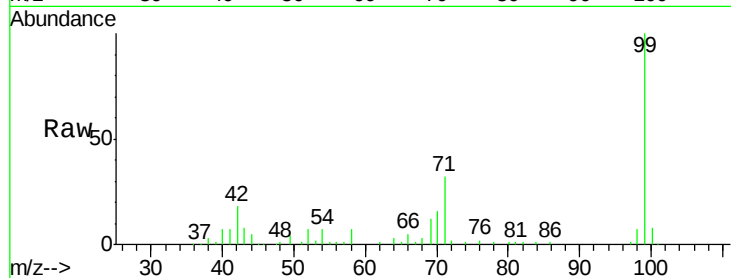
Tgt Ion: 99 Resp: 98144

Ion Ratio Lower Upper

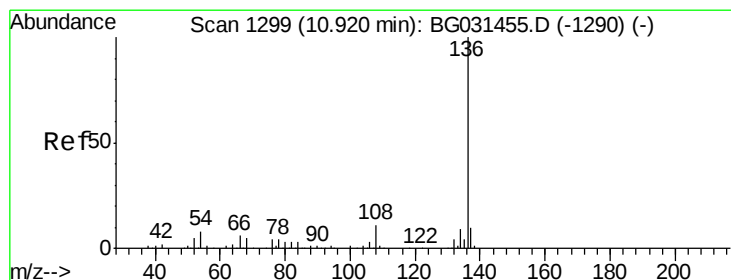
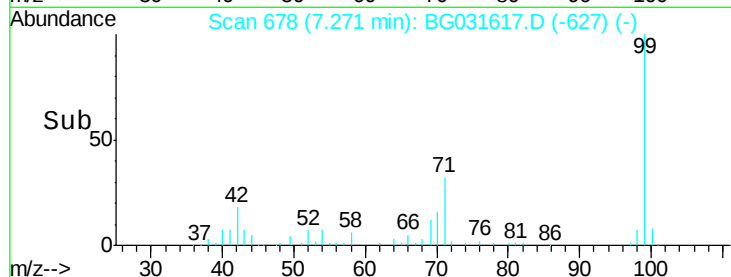
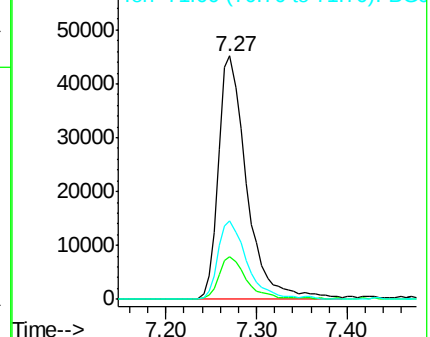
99 100

42 17.5 14.1 21.1

71 32.0 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: BG031617.D

Acq: 16 Dec 2017 9:21

Tgt Ion: 136 Resp: 313998

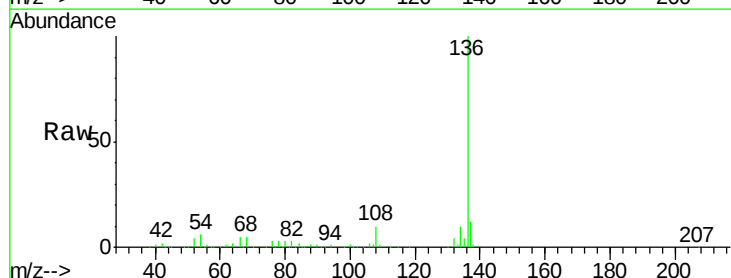
Ion Ratio Lower Upper

136 100

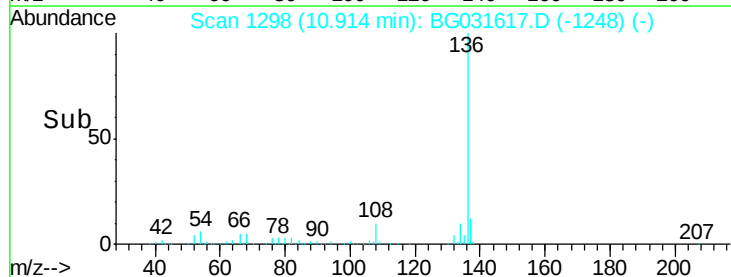
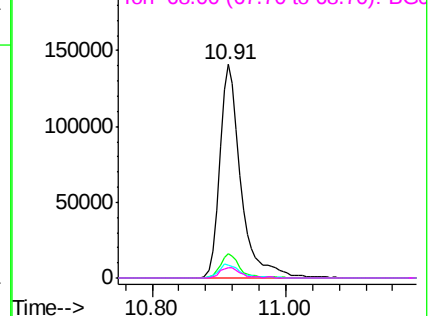
137 11.5 9.2 13.8

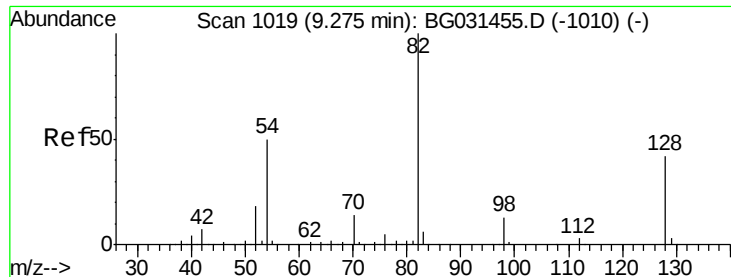
54 6.1 10.3 15.5#

68 4.7 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

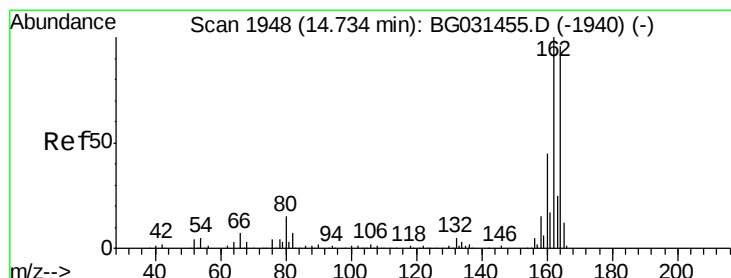
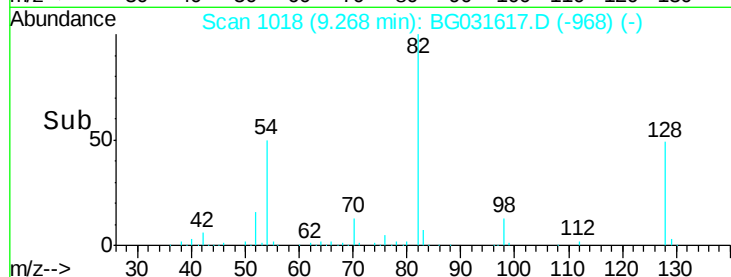
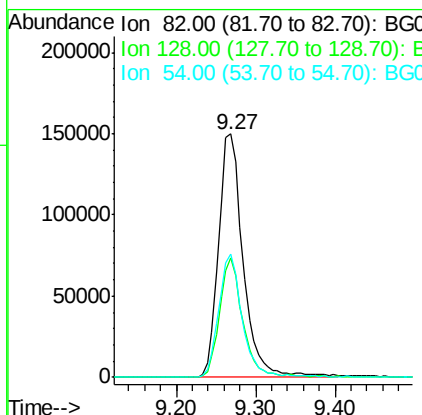
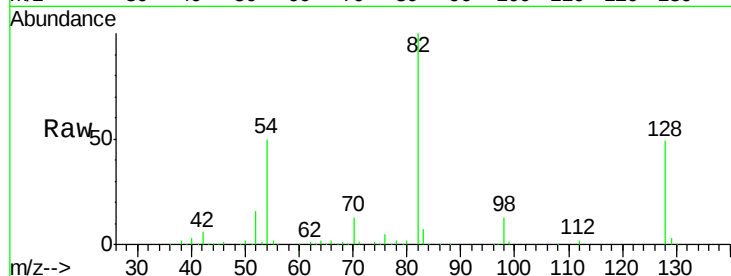




#23
Nitrobenzene-d5
Concen: 63.191 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

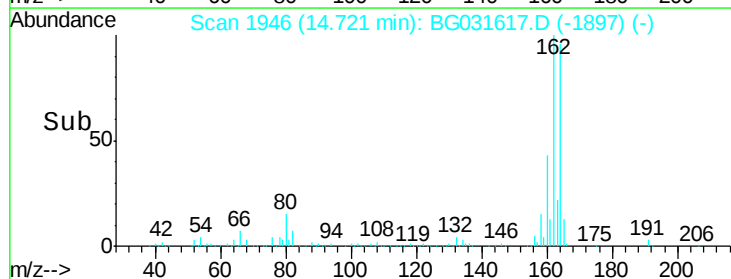
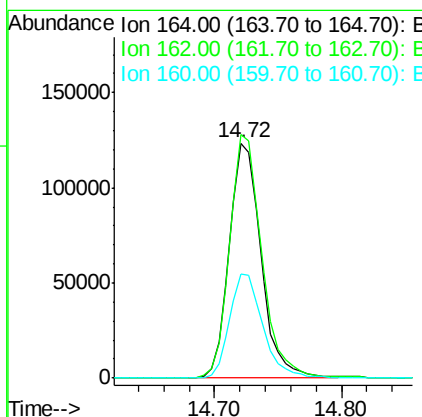
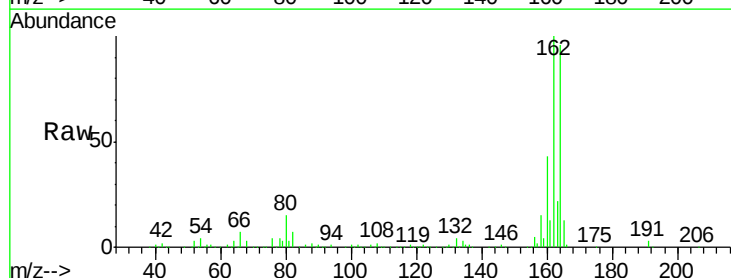
Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-U-S

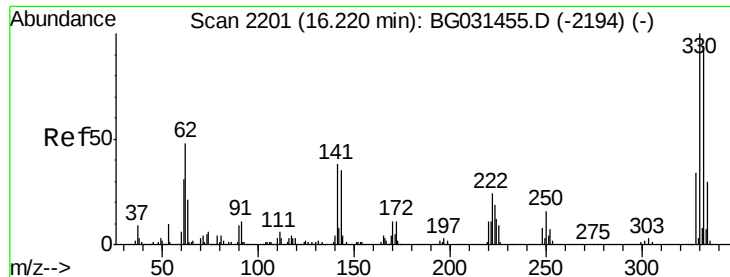
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	50.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	44.5	35.4	53.0

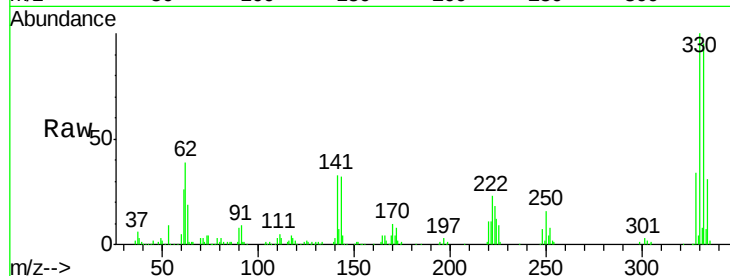




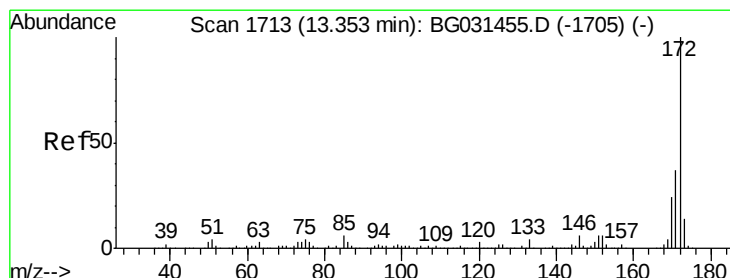
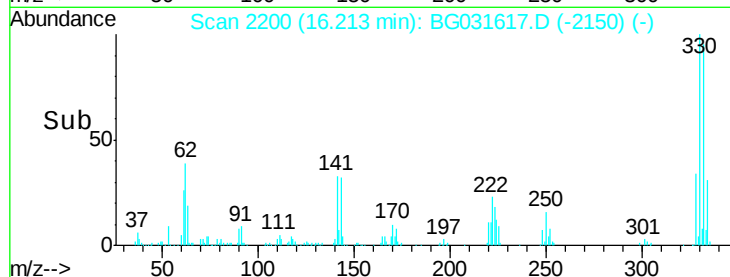
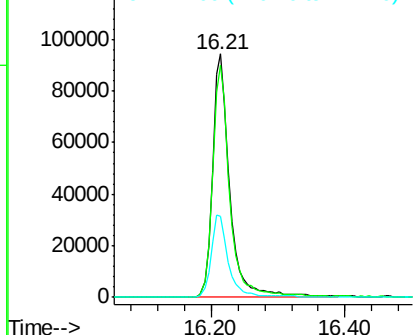
#41
 2,4,6-Tribromophenol
 Concen: 68.615 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031617.D
 Acq: 16 Dec 2017 9:21

Instrument :
 BNA_G
 ClientSampleId :
 120817-FOPI-F-U-S

Tgt Ion:330 Resp: 171687
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.8 25.2 37.8

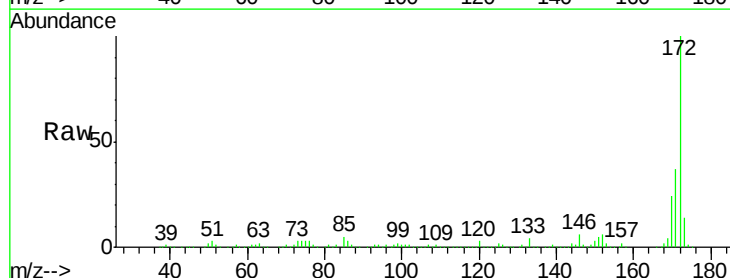


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

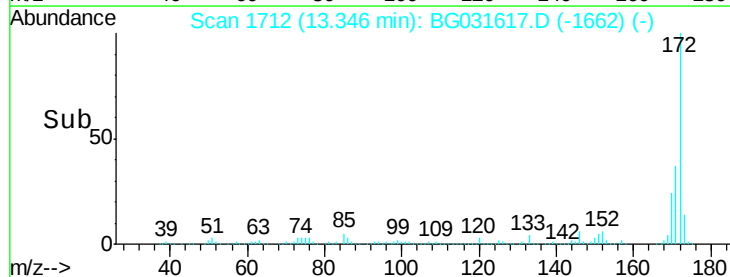
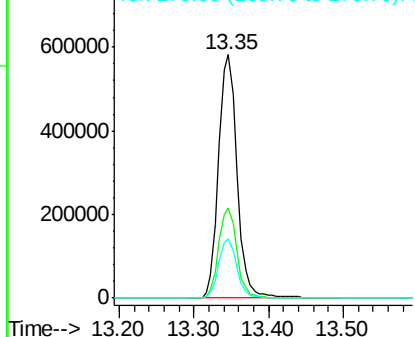


#44
 2-Fluorobiphenyl
 Concen: 69.047 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031617.D
 Acq: 16 Dec 2017 9:21

Tgt Ion:172 Resp: 1004656
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.1 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

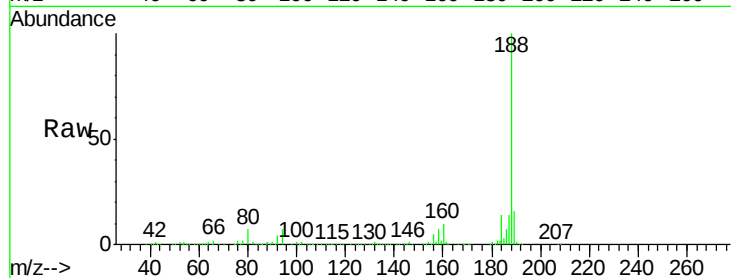




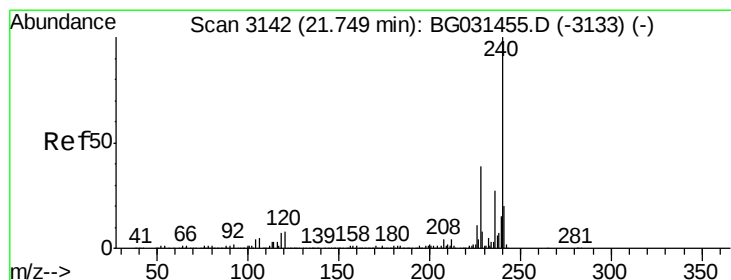
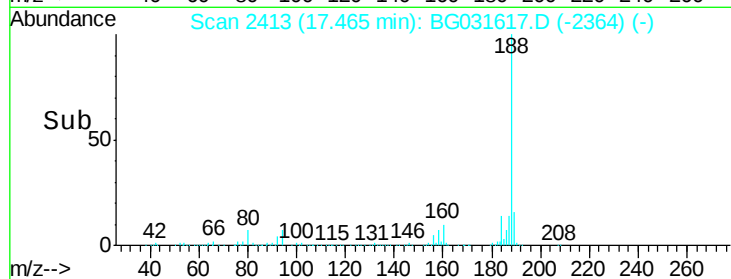
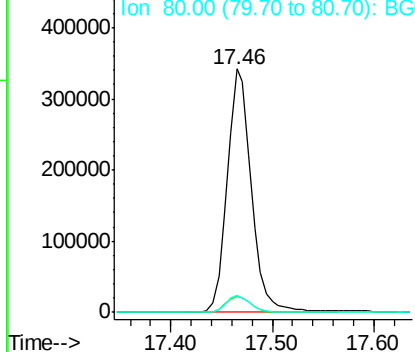
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-U-S

Tgt Ion:188 Resp: 565792
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.1 7.7 11.5#

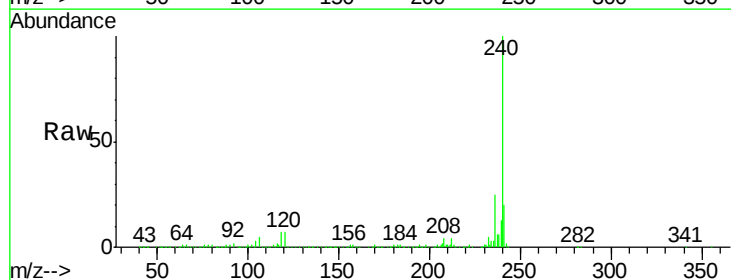


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

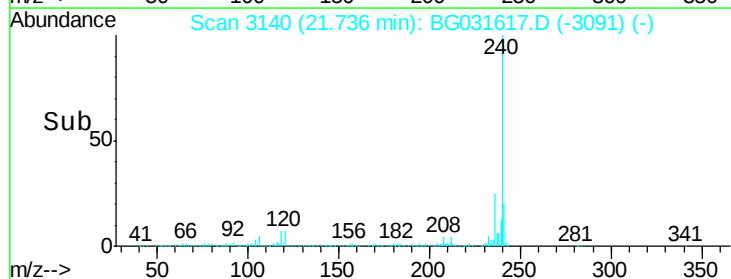
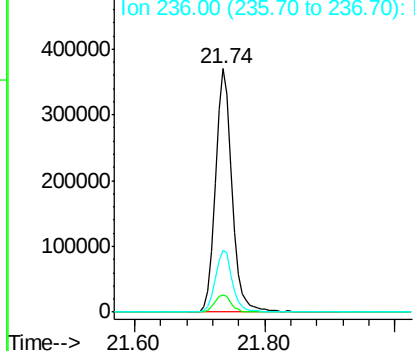


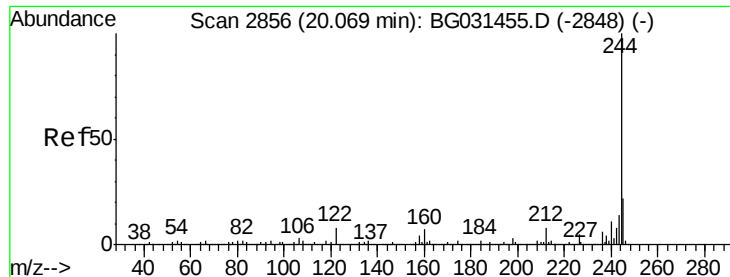
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031617.D
Acq: 16 Dec 2017 9:21

Tgt Ion:240 Resp: 649589
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.4 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: 63.589 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031617.D

Acq: 16 Dec 2017 9:21

Instrument :

BNA_G

ClientSampleId :

120817-FOPI-F-U-S

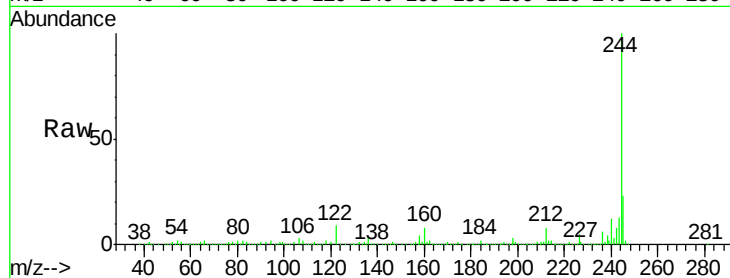
Tgt Ion:244 Resp: 1815541

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

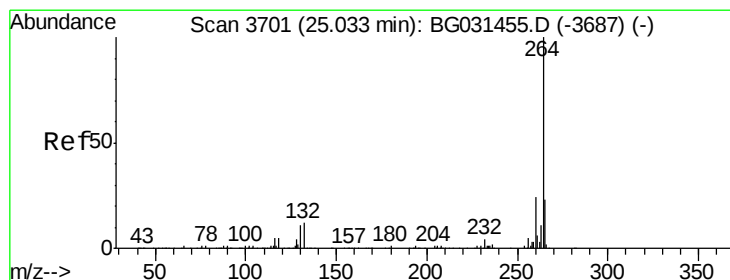
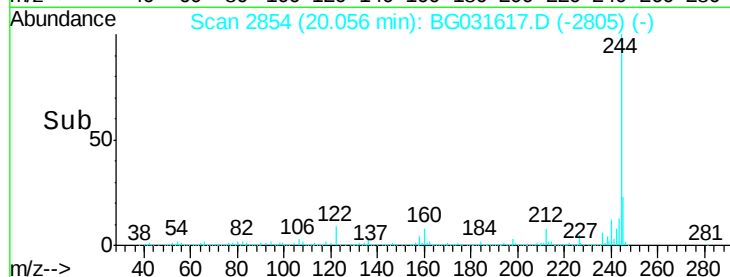
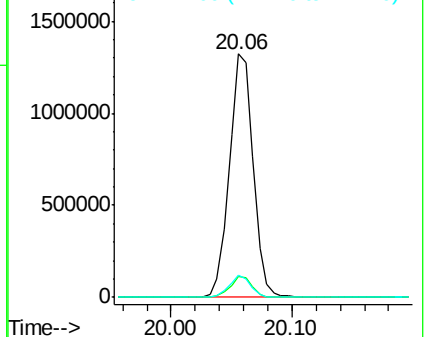
122 8.9 7.0 10.4



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: 25.01 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031617.D

Acq: 16 Dec 2017 9:21

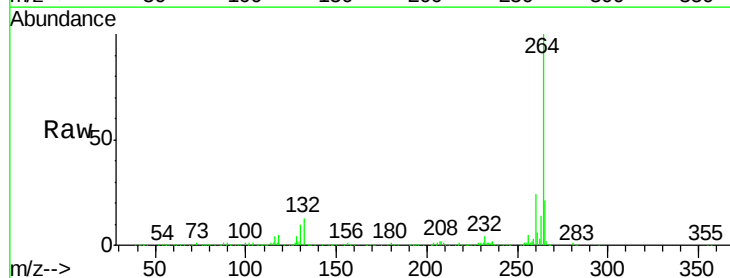
Tgt Ion:264 Resp: 550838

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

