

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033885.D
 Acq On : 20 Apr 2018 14:24
 Operator : SJ/JU
 Sample : J2448-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(0-5)

Quant Time: Apr 21 05:29:53 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

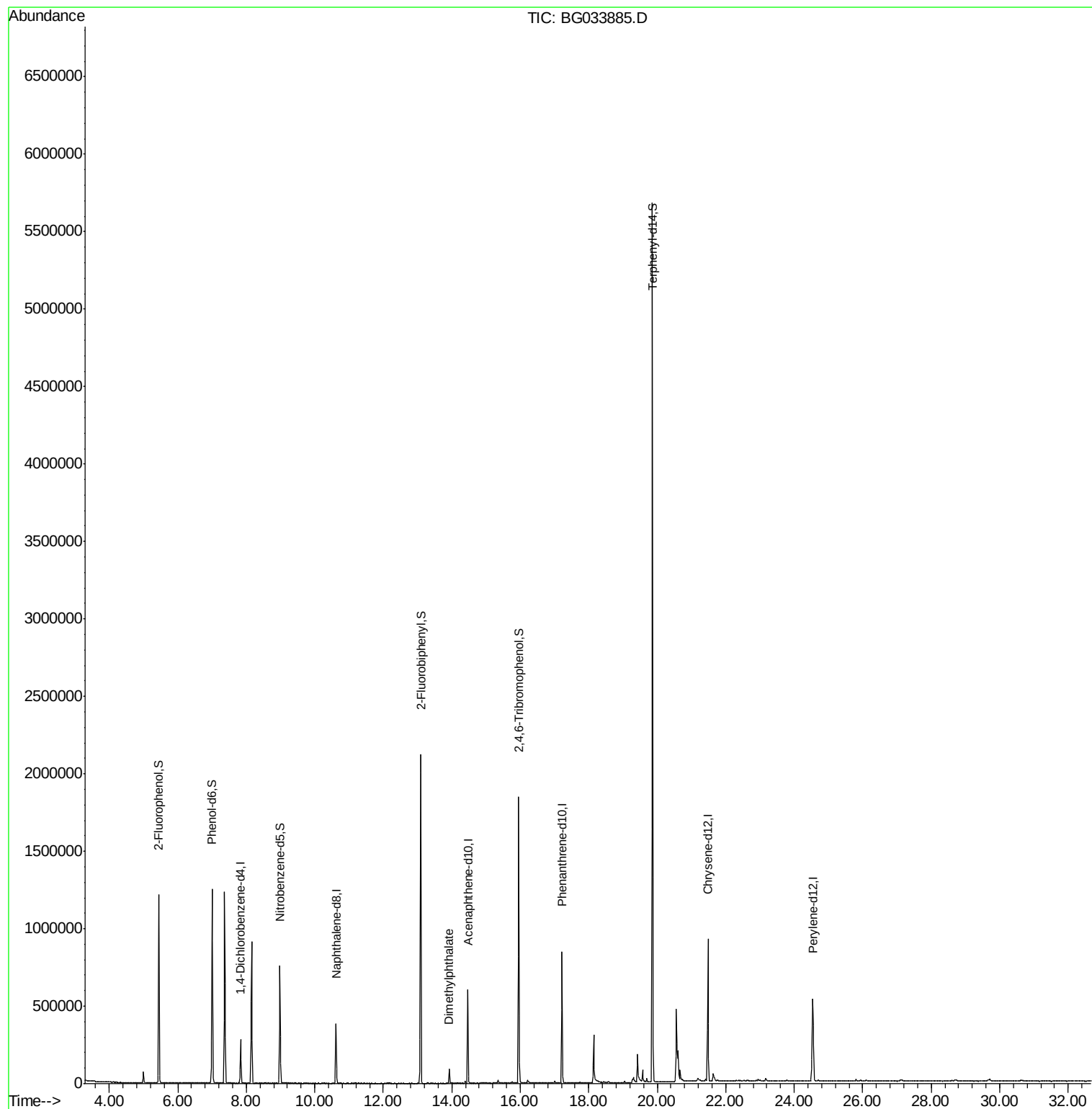
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	76530	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	327316	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	209135	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	516730	20.00	ng	0.00
75) Chrysene-d12	21.48	240	540317	20.00	ng	-0.01
86) Perylene-d12	24.54	264	543288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	513955	107.22	ng	0.00
7) Phenol-d6	7.00	99	695403	99.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	444750	77.33	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	331290	135.78	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1099531	77.23	ng	0.00
78) Terphenyl-d14	19.86	244	2557898	106.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.93	163	58905	3.202	ng	Qvalue # 98

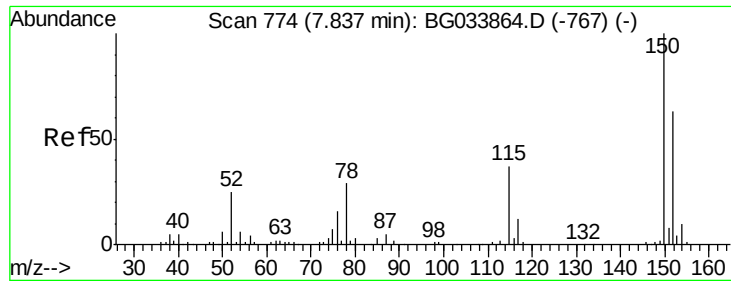
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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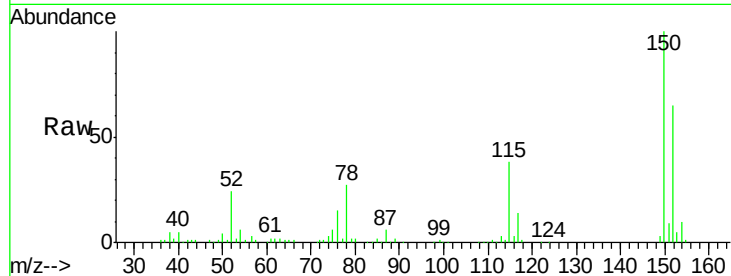


#1

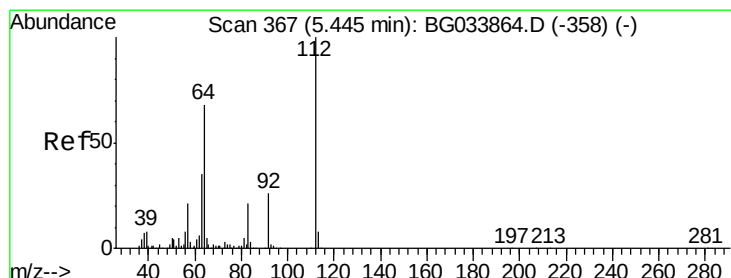
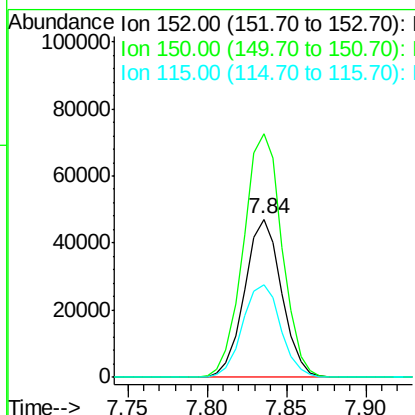
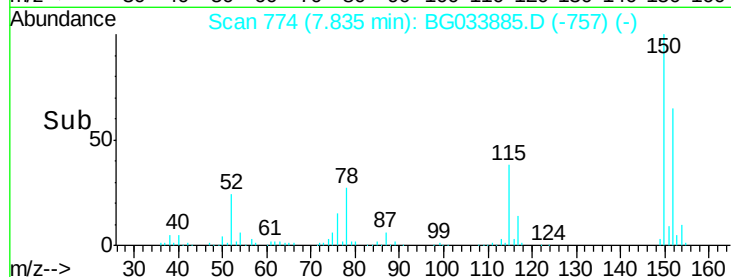
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033885.D
Acq: 20 Apr 2018 14:24

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(0-5)

Tot Ion:152 Resp: 76530
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 58.8 53.0 79.4



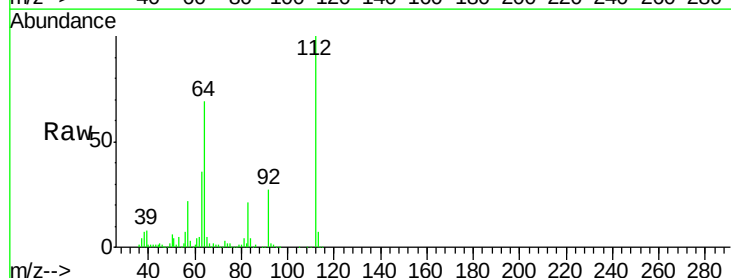
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



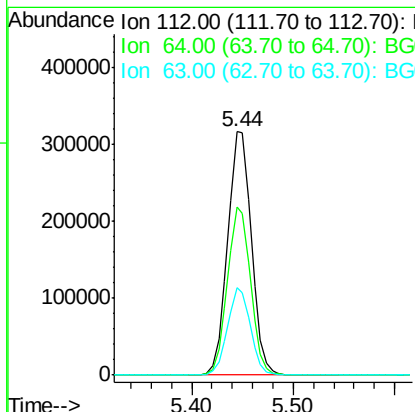
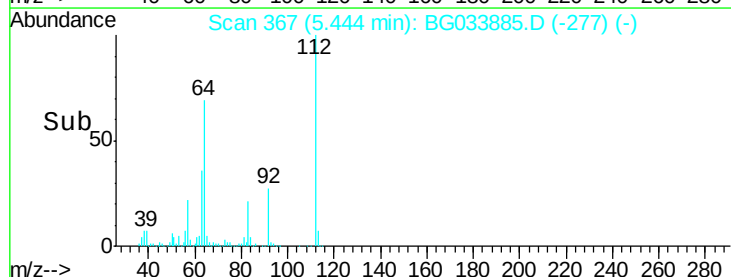
#5

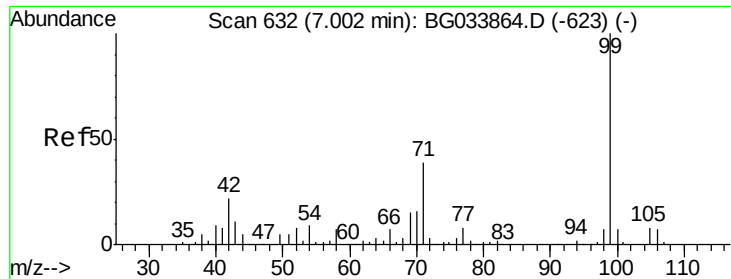
2-Fluorophenol
Concen: 107.219 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033885.D
Acq: 20 Apr 2018 14:24

Tgt Ion:112 Resp: 513955
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 35.8 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: 99.462 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

Instrument :

BNA_G

ClientSampleId :

EPE-118-1(0-5)

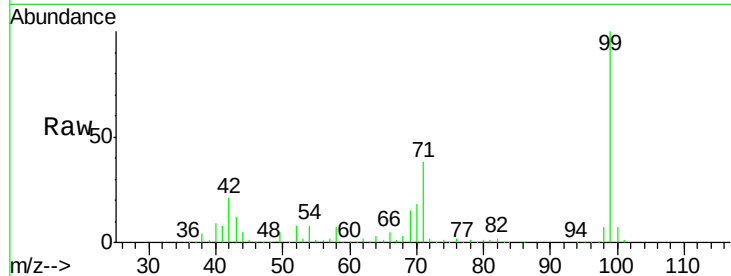
Tot Ion: 99 Resp: 695403

Ion Ratio Lower Upper

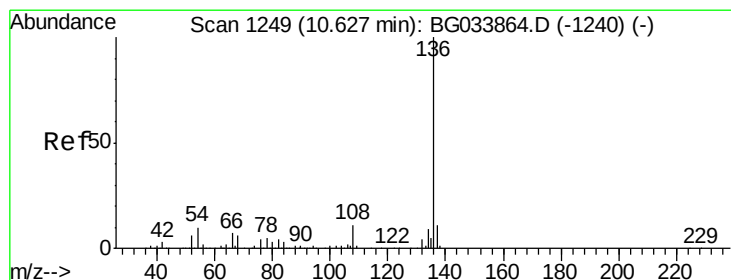
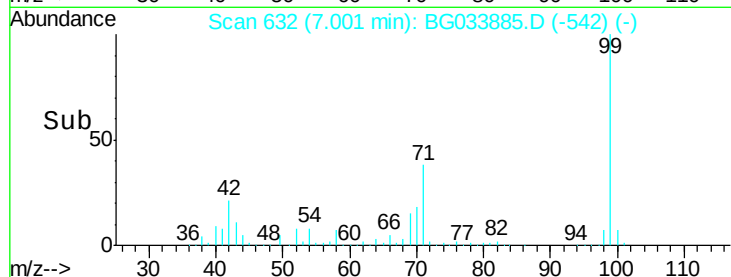
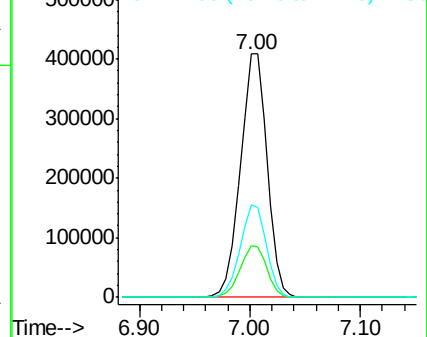
99 100

42 21.5 14.1 21.1#

71 37.9 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: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

Tgt Ion: 136 Resp: 327316

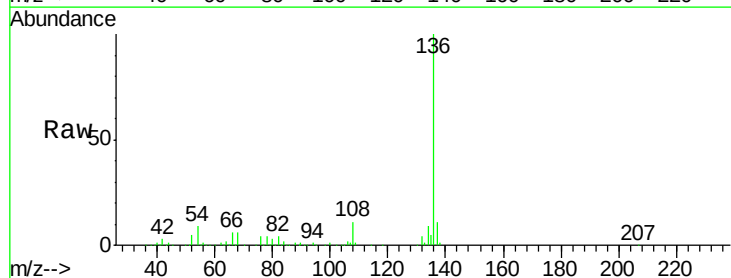
Ion Ratio Lower Upper

136 100

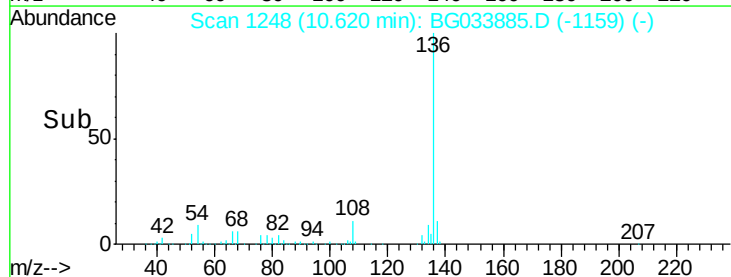
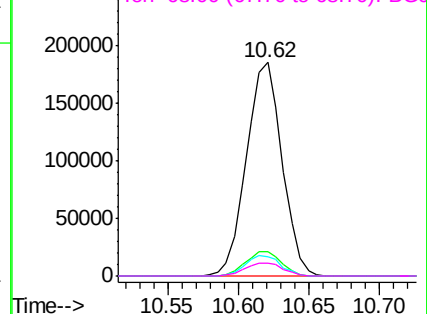
137 11.4 9.2 13.8

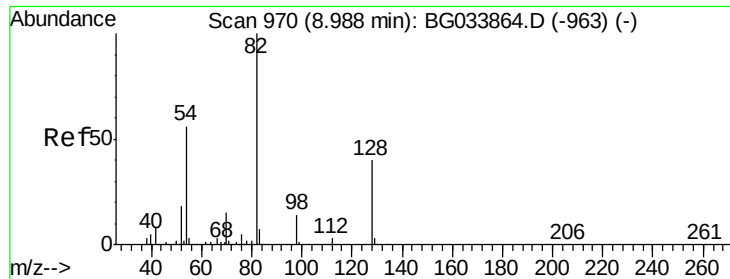
54 9.3 10.3 15.5#

68 6.1 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

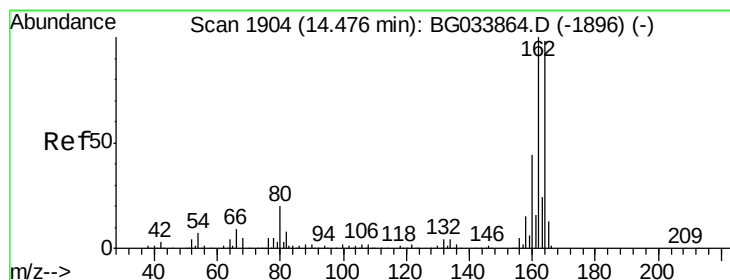
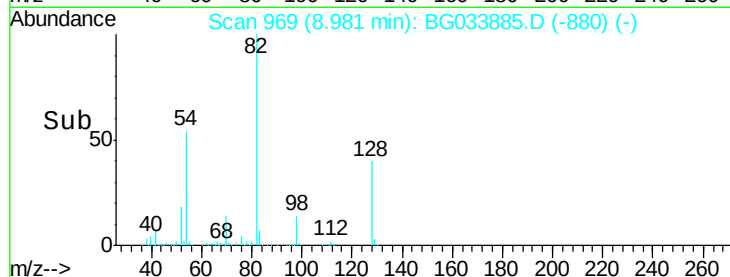
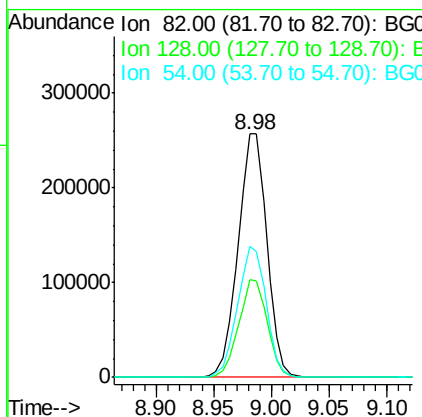
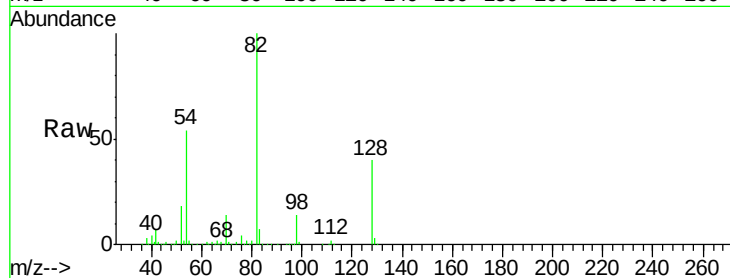




#23
 Nitrobenzene-d5
 Concen: 77.328 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033885.D
 Acq: 20 Apr 2018 14:24

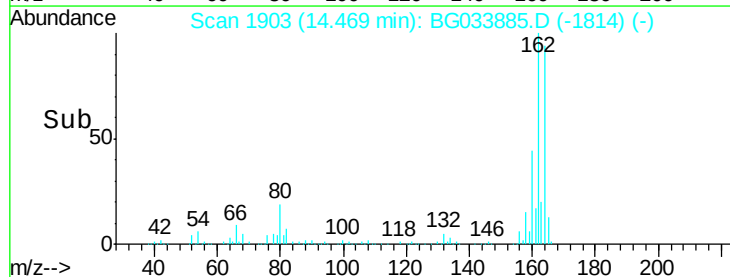
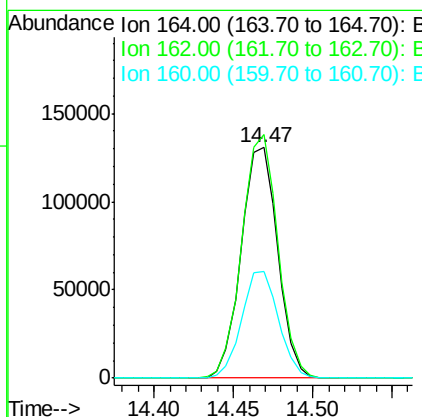
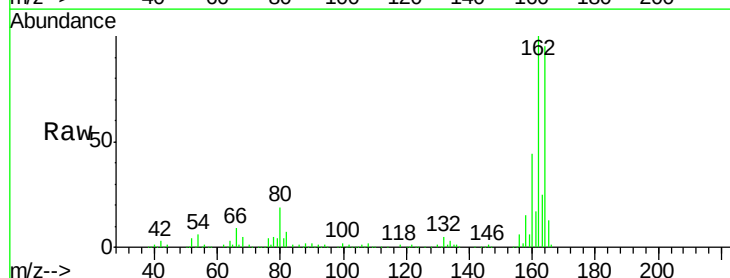
Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(0-5)

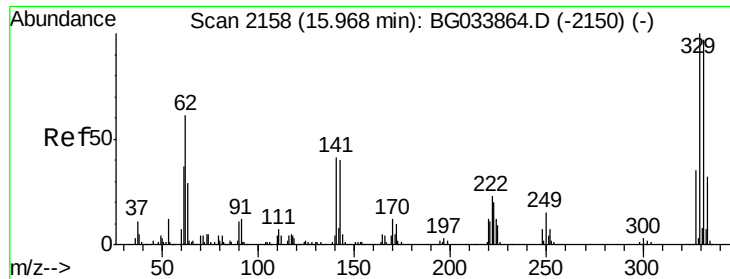
Tot Ion	82	Resp	444750
Ion Ratio	100	Lower	Upper
128	40.4	29.7	44.5
54	53.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033885.D
 Acq: 20 Apr 2018 14:24

Tgt Ion	164	Resp	209135
Ion Ratio	100	Lower	Upper
162	105.8	78.8	118.2
160	46.1	35.4	53.0

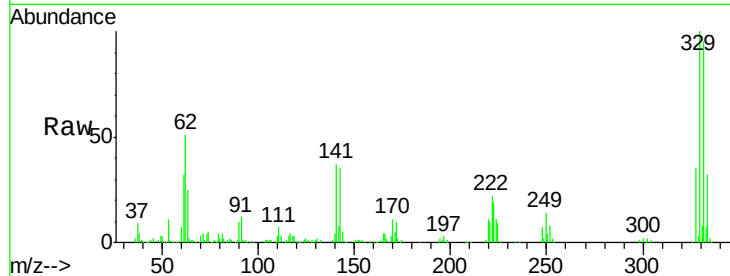




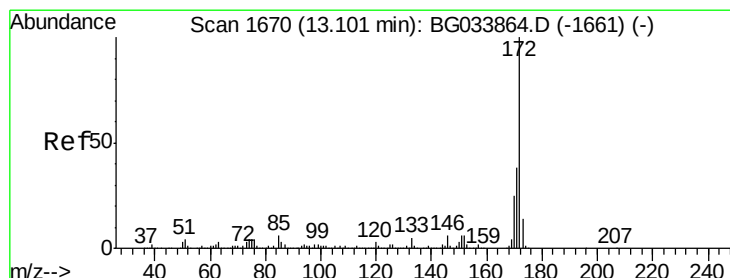
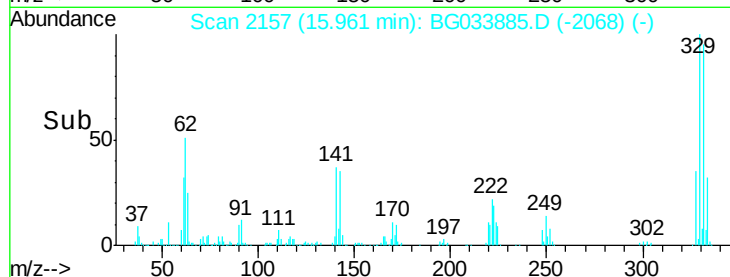
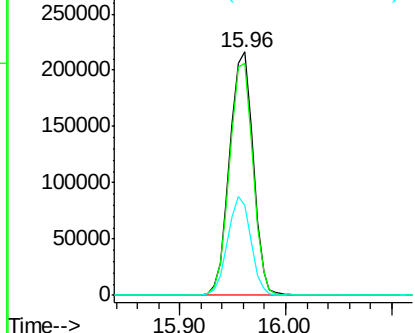
#41
 2,4,6-Tribromophenol
 Concen: 135.780 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033885.D
 Acq: 20 Apr 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	39.9	25.2	37.8#

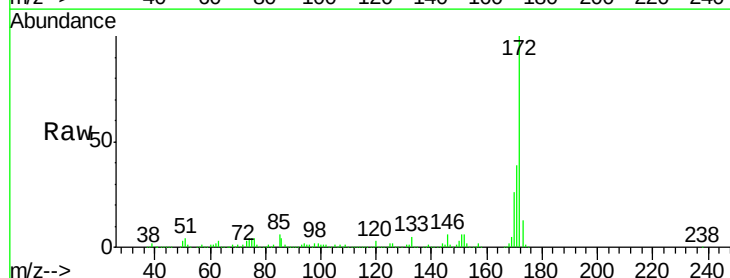


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

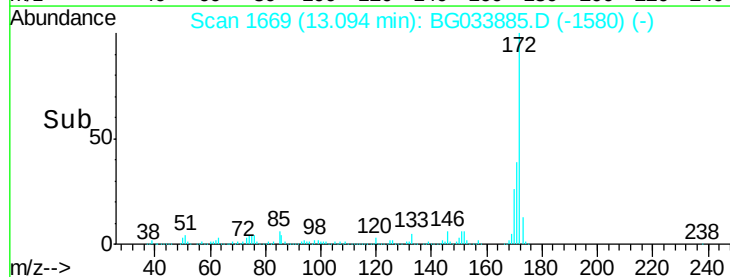
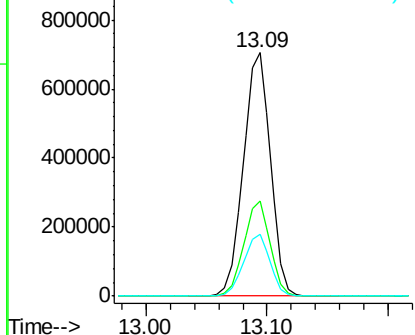


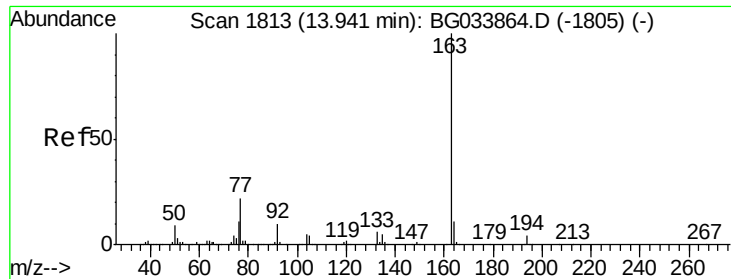
#44
 2-Fluorobiphenyl
 Concen: 77.234 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033885.D
 Acq: 20 Apr 2018 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.5	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





#49

Dimethylphthalate

Concen: 3.202 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

Instrument :

BNA_G

ClientSampleId :

EPE-118-1(0-5)

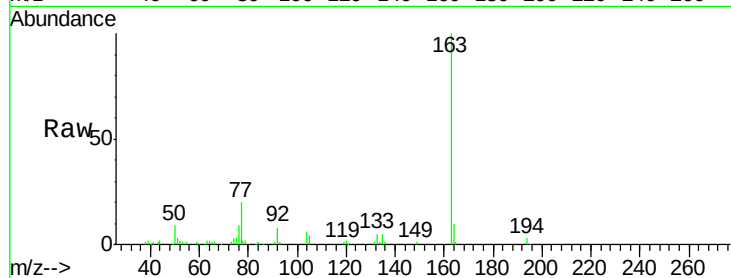
Tot Ion:163 Resp: 58905

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

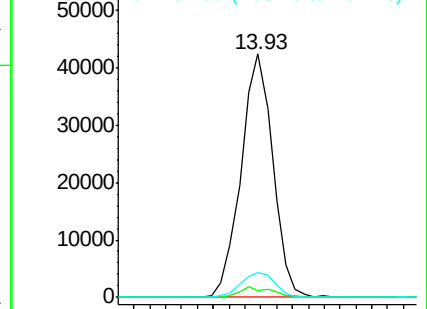
164 10.0 8.2 12.4



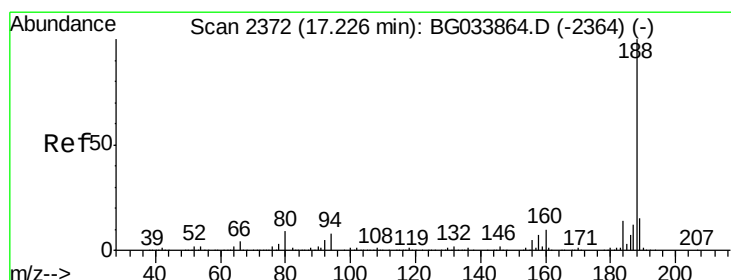
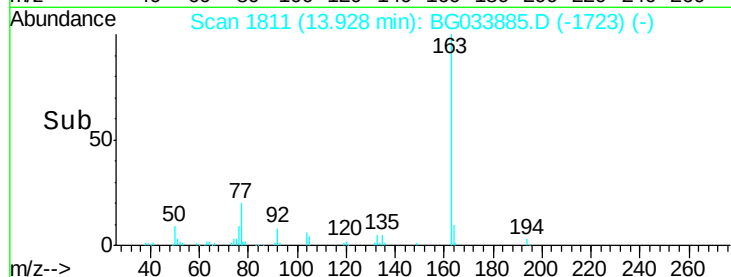
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.85 13.90 13.95 14.00



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

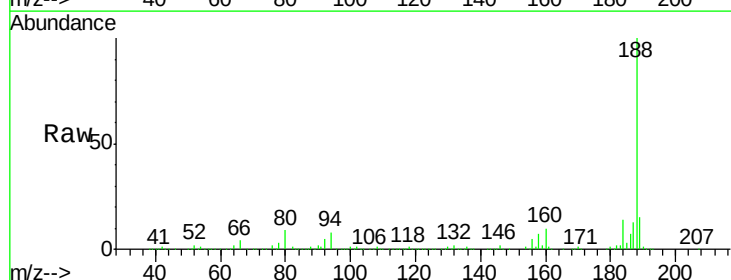
Tgt Ion:188 Resp: 516730

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

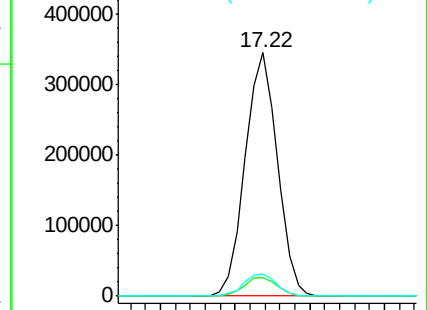
80 8.9 7.7 11.5



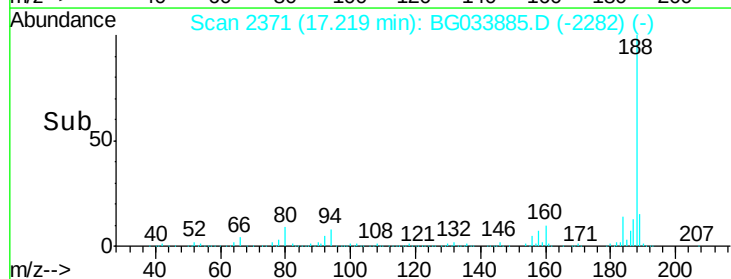
Abundance Ion 188.00 (187.70 to 188.70): E

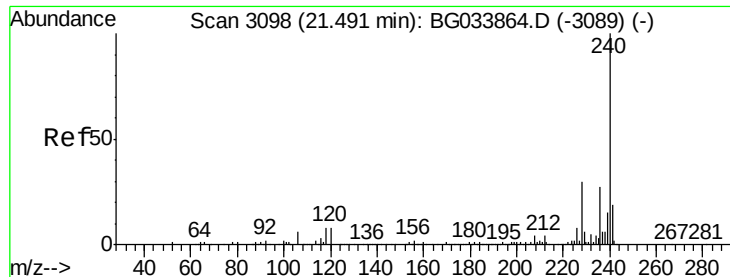
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.15 17.20 17.25 17.30





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.48 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

Instrument :

BNA_G

ClientSampleId :

EPE-118-1(0-5)

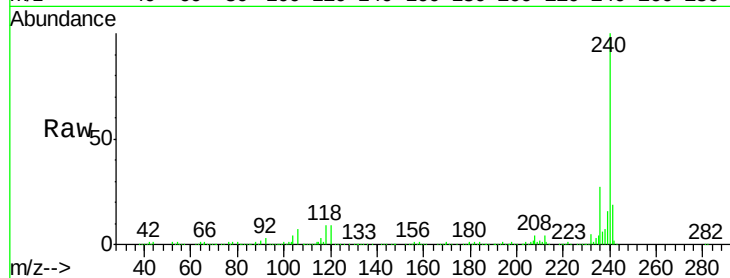
Tot Ion:240 Resp: 540317

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

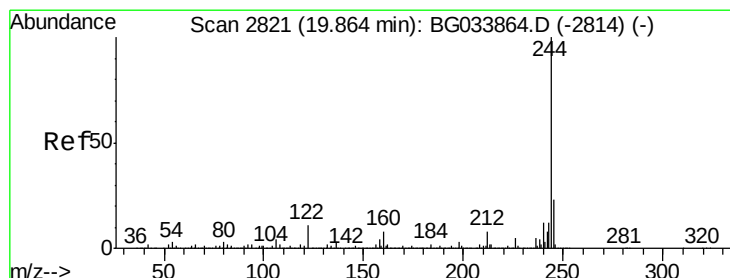
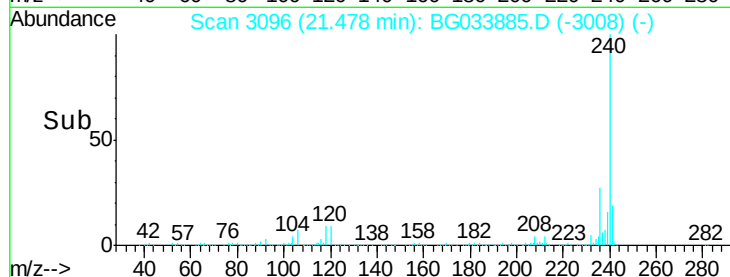
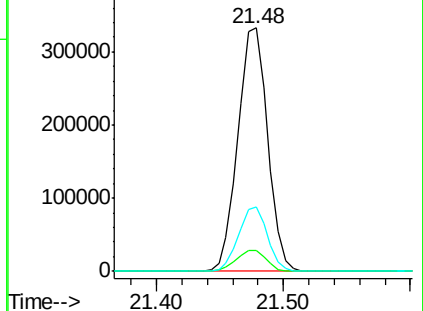
236 26.7 20.9 31.3



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: 106.356 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033885.D

Acq: 20 Apr 2018 14:24

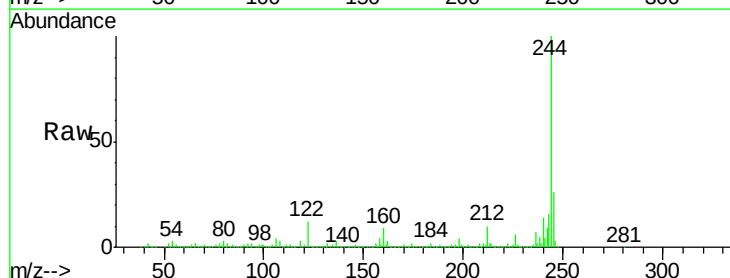
Tgt Ion:244 Resp: 2557898

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

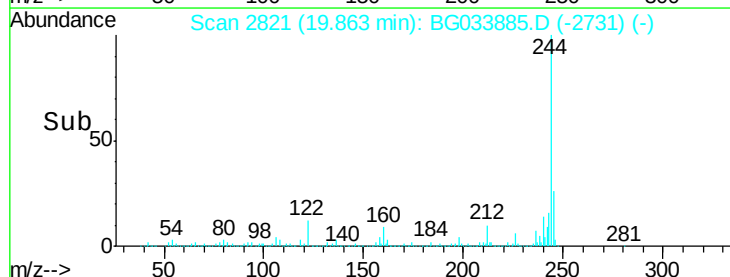
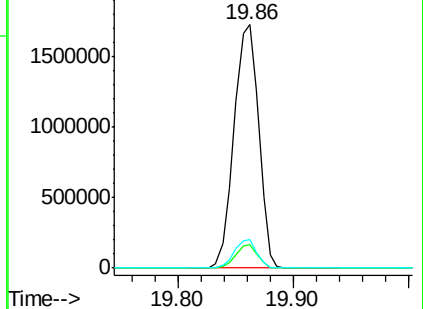
122 11.6 7.0 10.4#

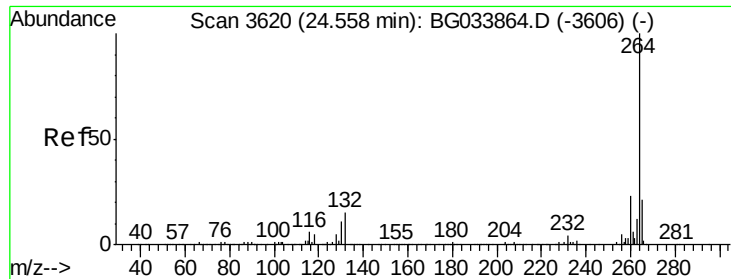


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

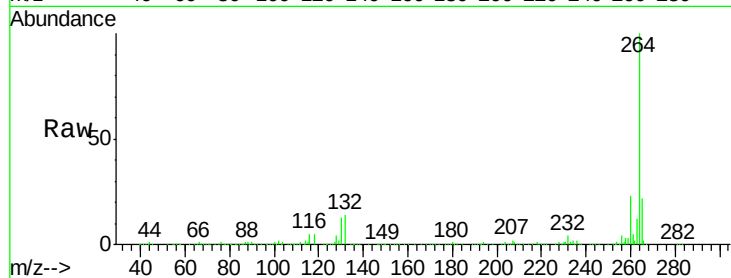




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033885.D
 Acq: 20 Apr 2018 14:24

Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(0-5)

Tot Ion: 264 Resp: 543288
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 21.8 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

