

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033724.D
 Acq On : 10 Apr 2018 21:47
 Operator : SJ/JU
 Sample : J2301-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-L-6(5-10)

Quant Time: Apr 11 03:50:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

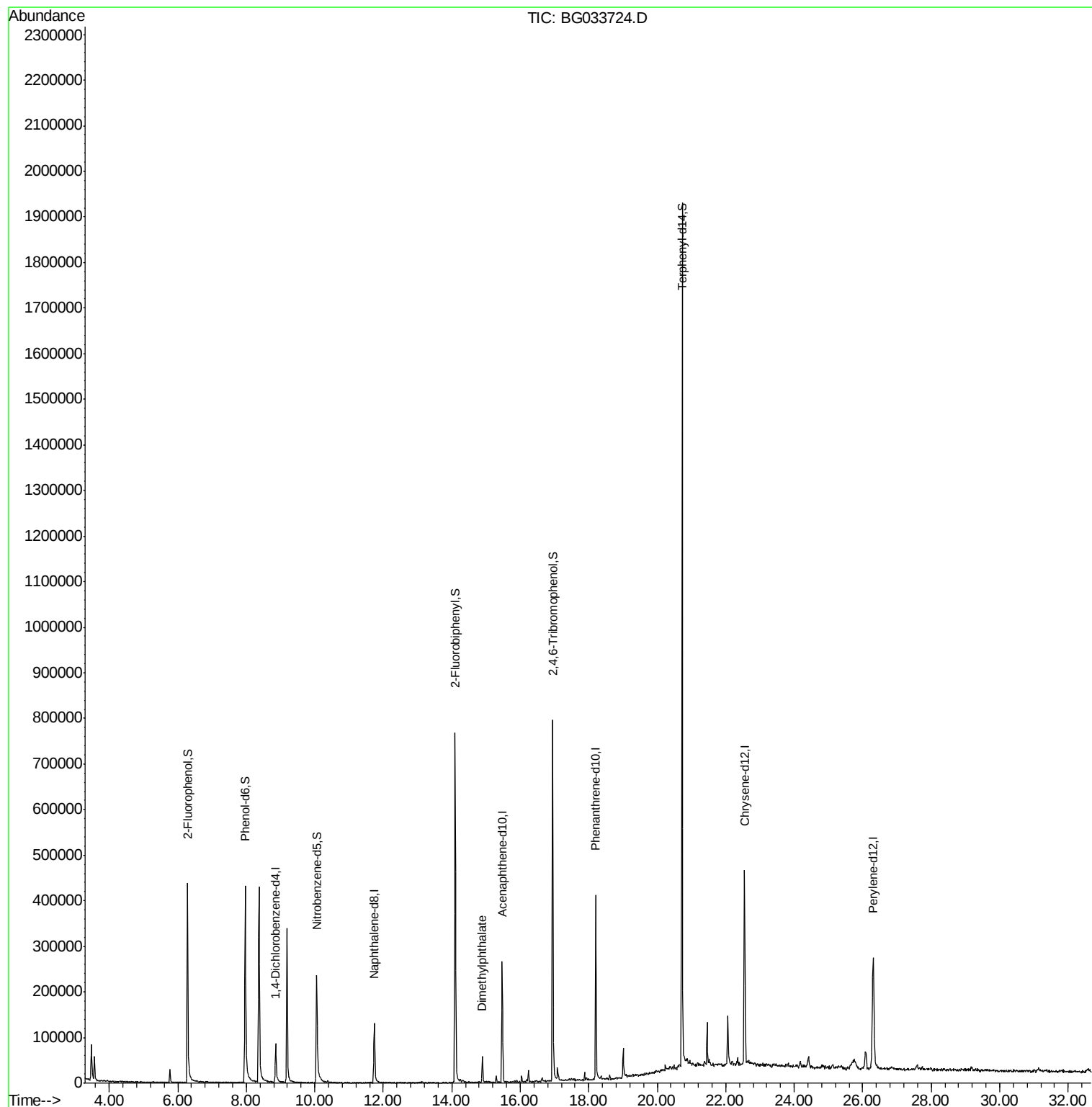
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	32325	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	135820	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	100183	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	289615	20.00	ng	0.00
75) Chrysene-d12	22.55	240	314538	20.00	ng	0.00
86) Perylene-d12	26.31	264	339006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	207634	120.45	ng	0.00
7) Phenol-d6	7.96	99	316260	106.77	ng	0.00
23) Nitrobenzene-d5	10.06	82	196367	66.43	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	159908	106.72	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	438289	63.16	ng	0.00
78) Terphenyl-d14	20.73	244	974413	66.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.89	163	40785	4.678	ng	99

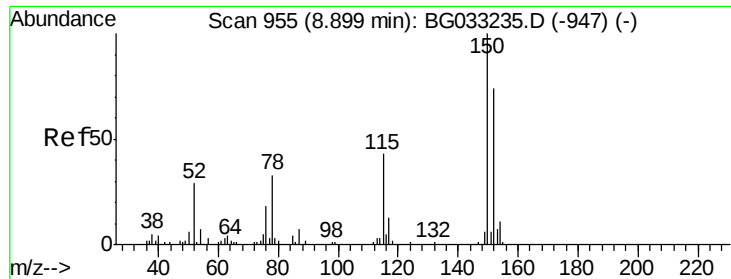
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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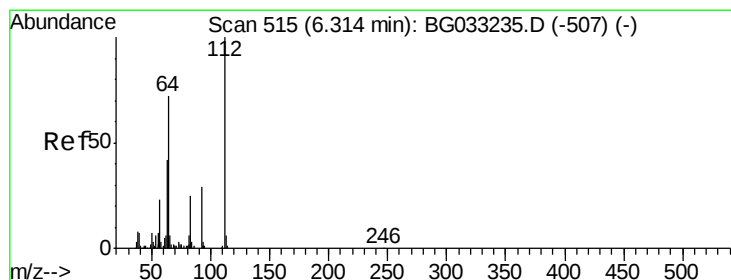
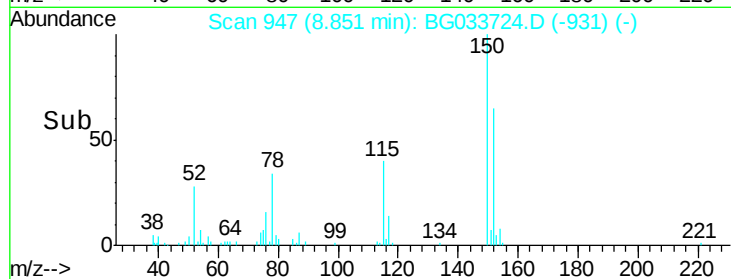
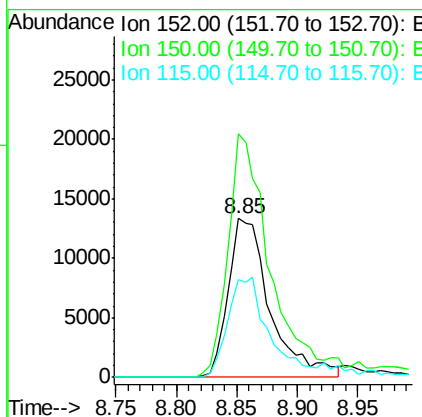
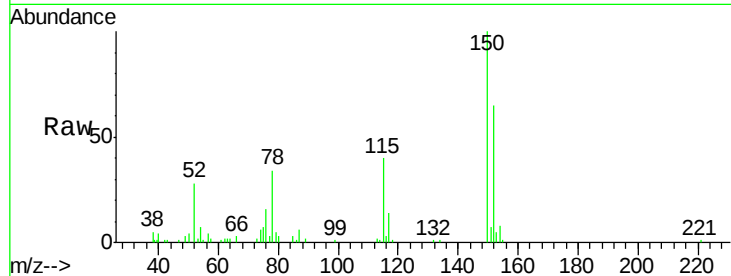


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Instrument :
BNA_G
ClientSampleId :
EPE-L-6(5-10)

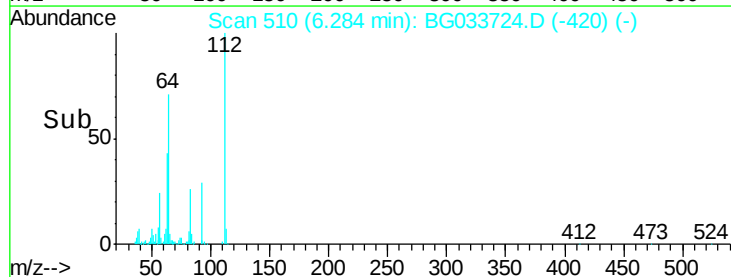
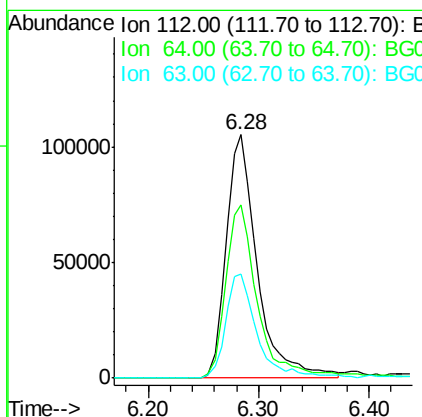
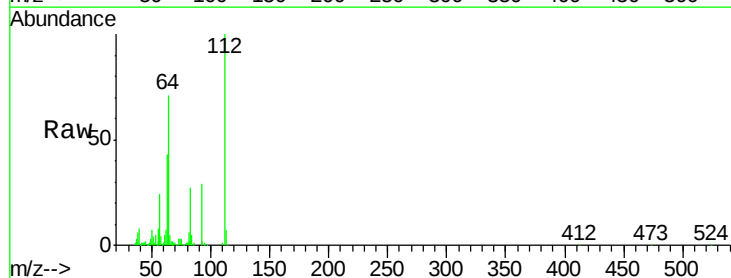
Tot Ion	152	Resp	32325
Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	61.7	53.0	79.4

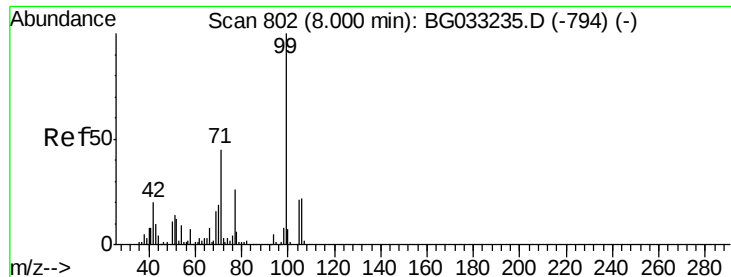


#5

2-Fluorophenol
Concen: 120.445 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Tgt Ion	112	Resp	207634
Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.3	84.5
63	42.7	30.1	45.1





#7

Phenol-d6

Concen: 106.773 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

EPE-L-6(5-10)

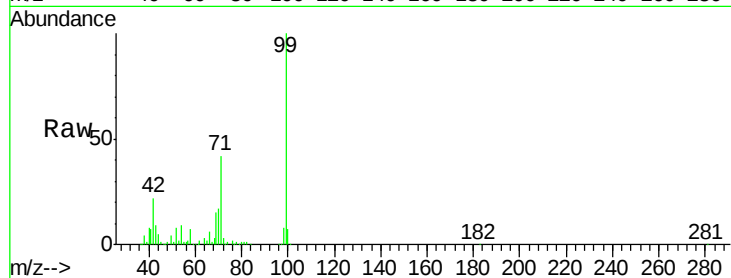
Tot Ion: 99 Resp: 316260

Ion Ratio Lower Upper

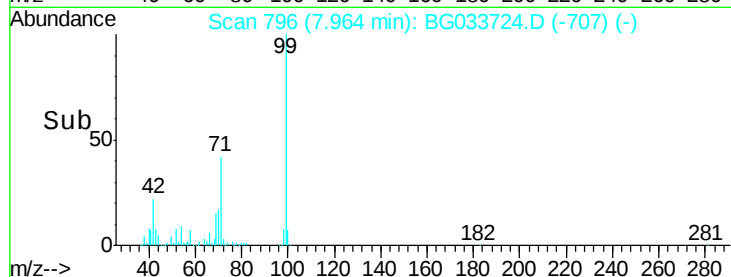
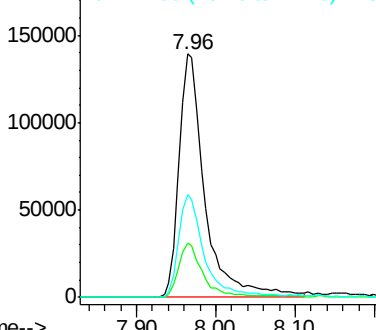
99 100

42 22.0 14.1 21.1#

71 42.2 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: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Tgt Ion: 136 Resp: 135820

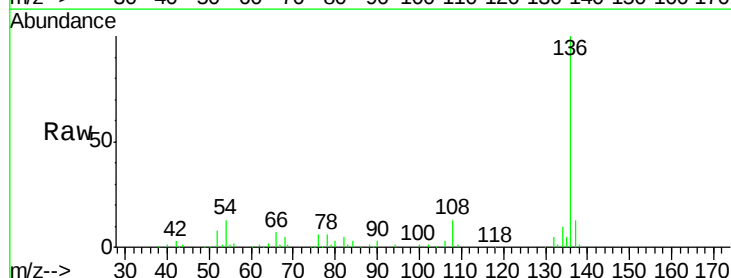
Ion Ratio Lower Upper

136 100

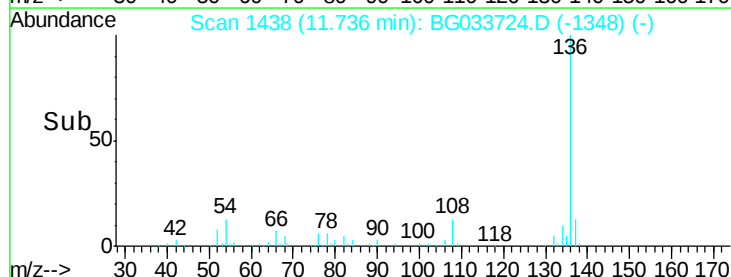
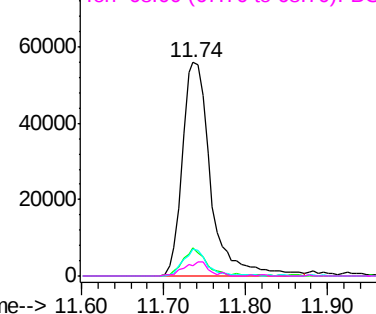
137 13.2 9.2 13.8

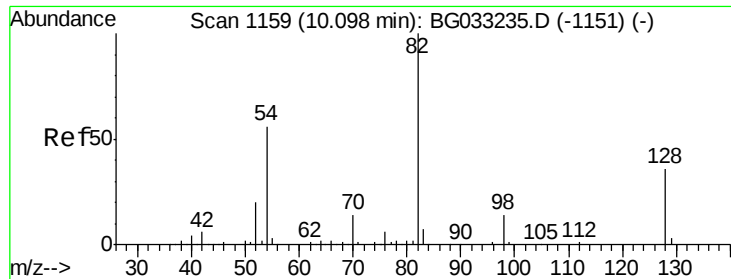
54 12.8 10.3 15.5

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

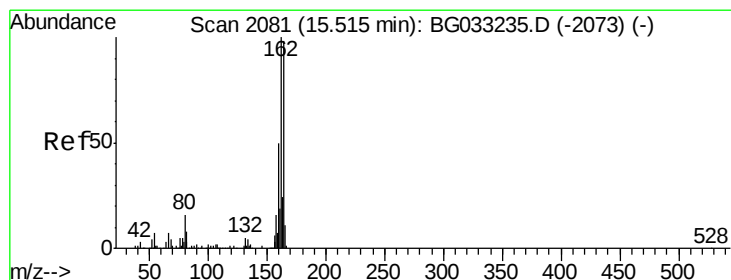
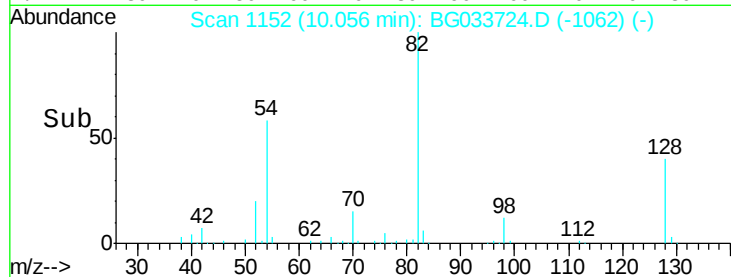
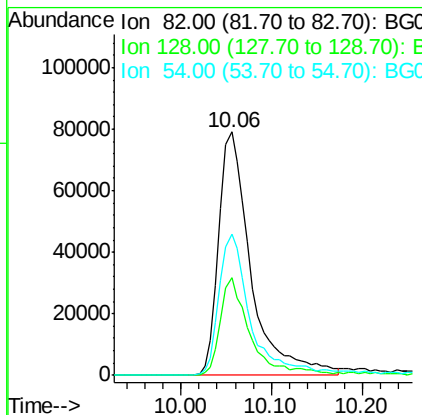
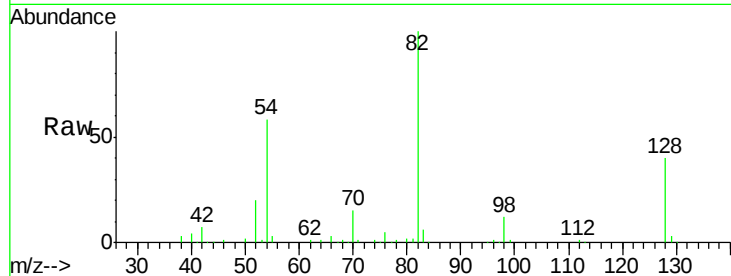




#23
 Nitrobenzene-d5
 Concen: 66.425 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

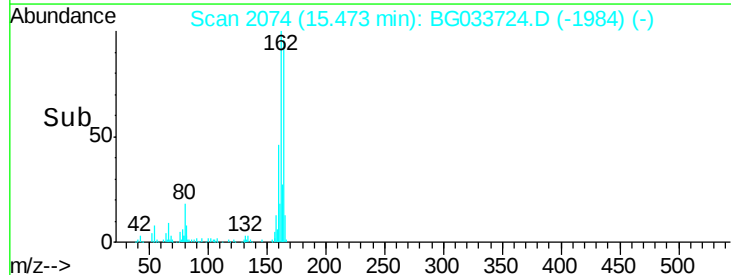
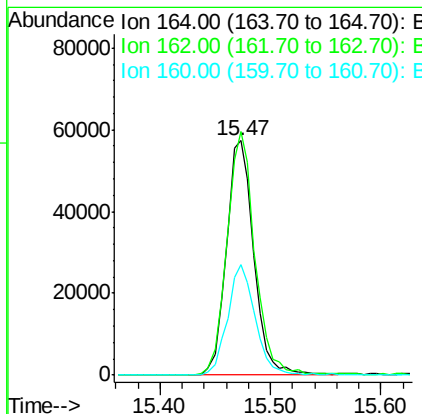
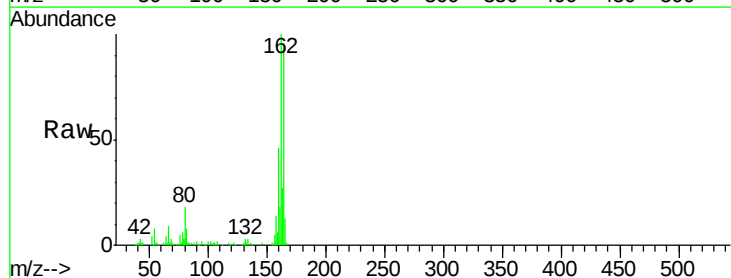
Instrument :
 BNA_G
 ClientSampleId :
 EPE-L-6(5-10)

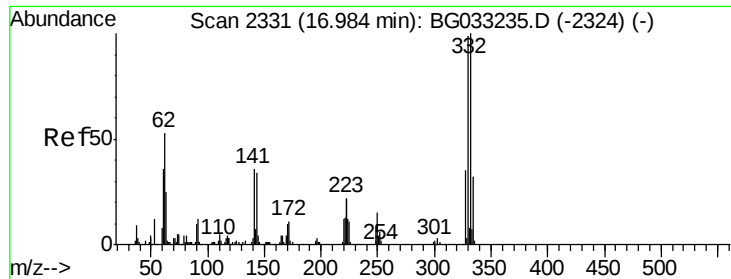
Tot Ion	82	Resp	196367
Ion Ratio	Lower	Upper	
82	100		
128	39.9	29.7	44.5
54	57.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

Tgt Ion	164	Resp	100183
Ion Ratio	Lower	Upper	
164	100		
162	103.8	78.8	118.2
160	47.4	35.4	53.0

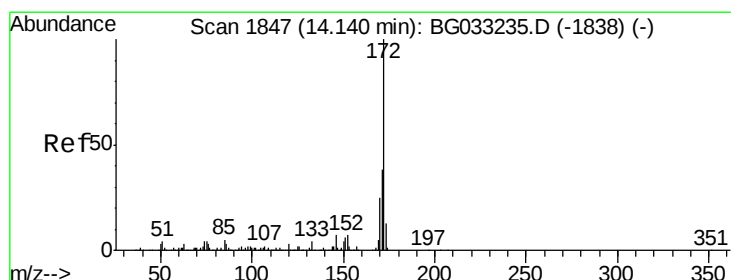
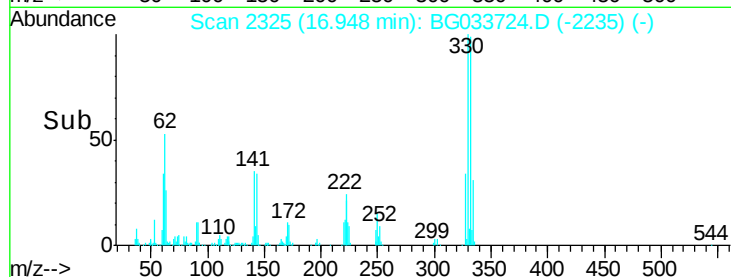
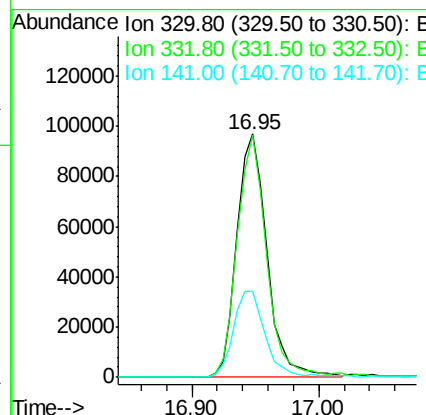
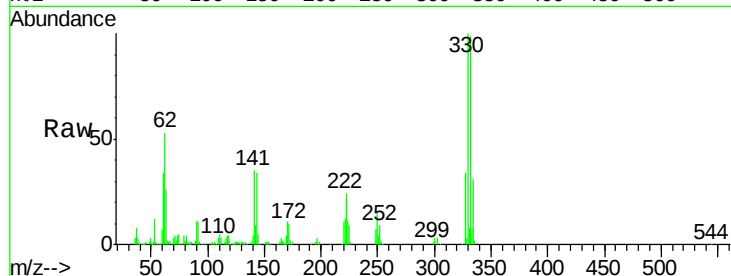




#41
2,4,6-Tribromophenol
Concen: 106.722 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

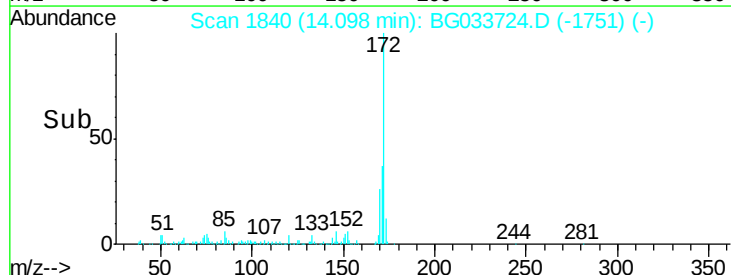
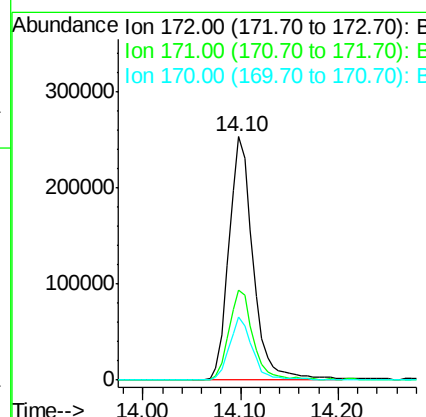
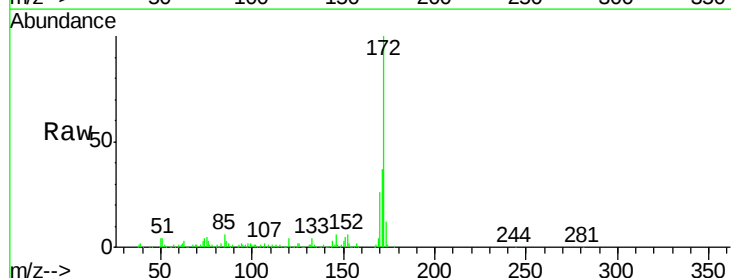
Instrument :
BNA_G
ClientSampleId :
EPE-L-6(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.9	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 63.157 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	26.2	19.5	29.3





#49

Dimethylphthalate

Concen: 4.678 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

EPE-L-6(5-10)

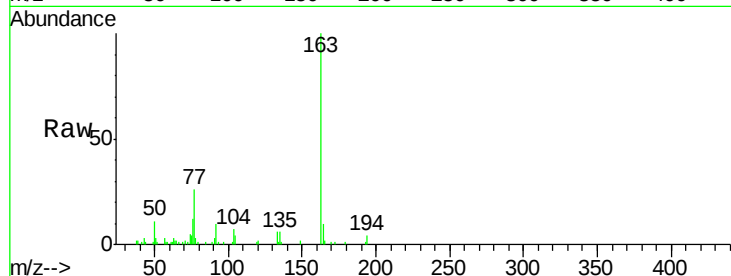
Tot Ion:163 Resp: 40785

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

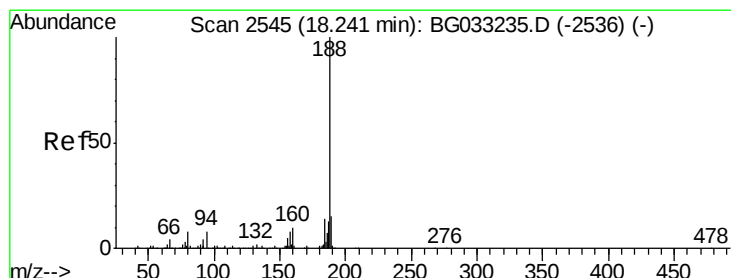
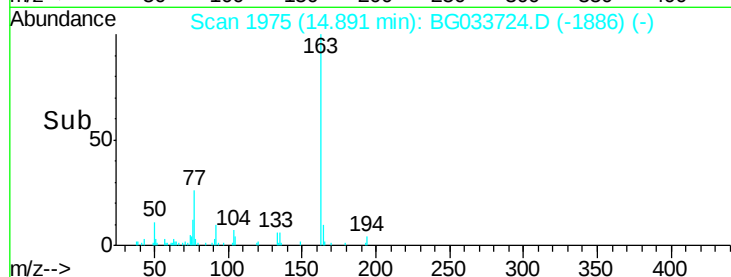
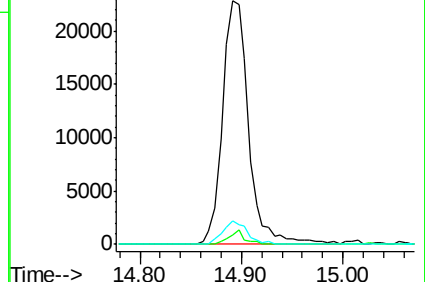
164 9.8 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

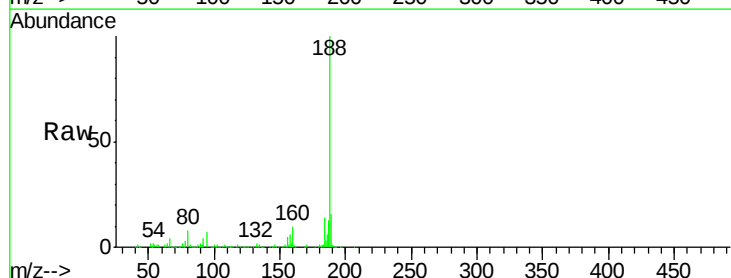
Tgt Ion:188 Resp: 289615

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

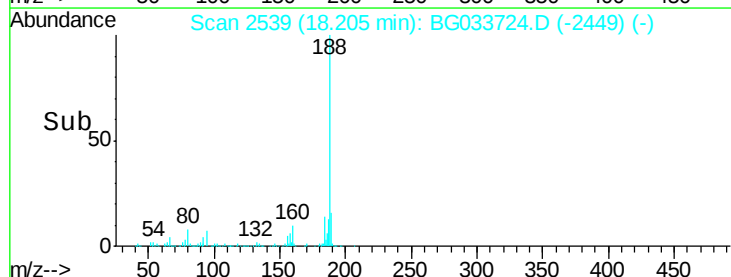
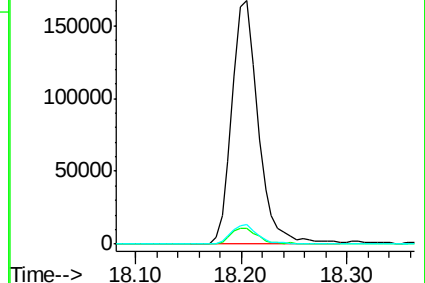
80 7.8 7.7 11.5

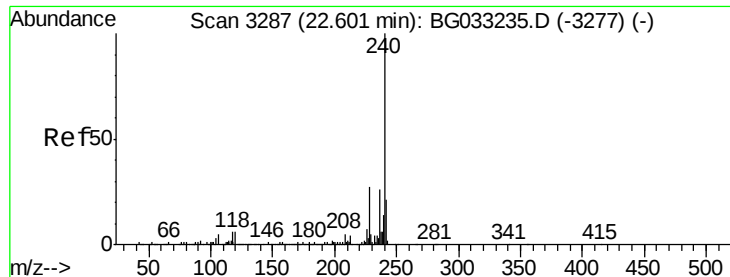


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

EPE-L-6(5-10)

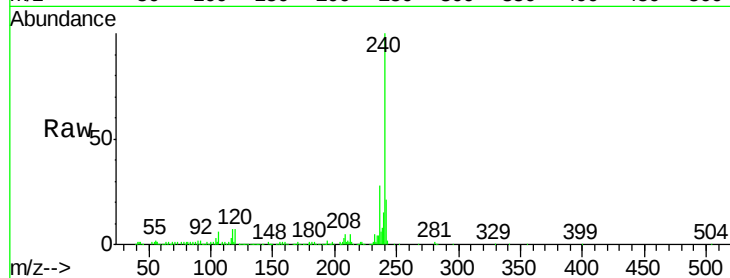
Tot Ion:240 Resp: 314538

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

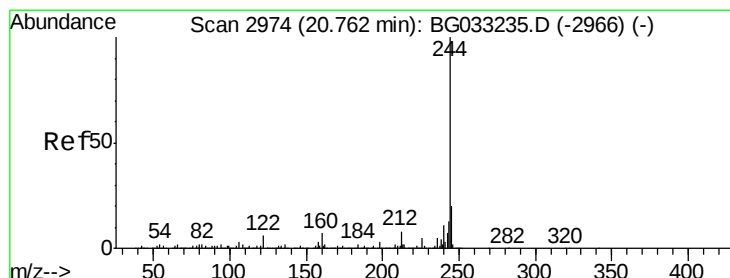
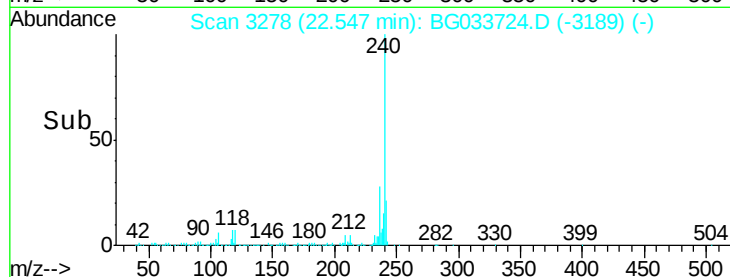
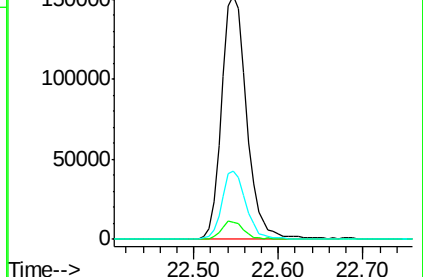
236 27.9 20.9 31.3



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: 66.252 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

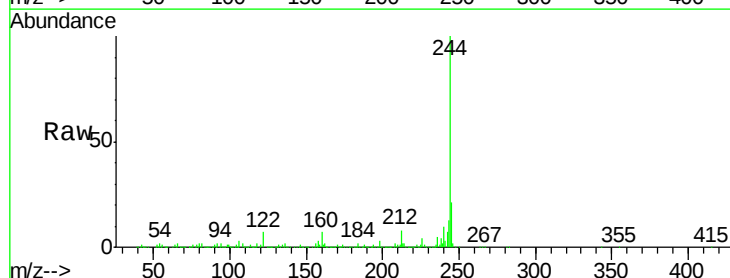
Tgt Ion:244 Resp: 974413

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

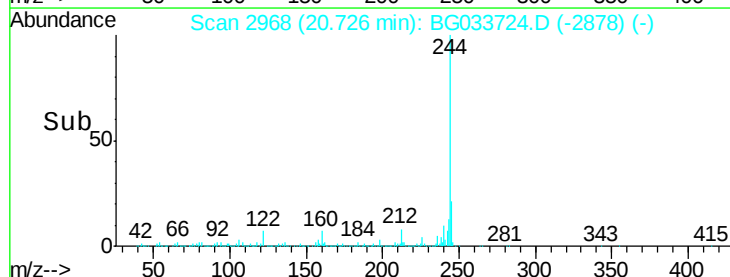
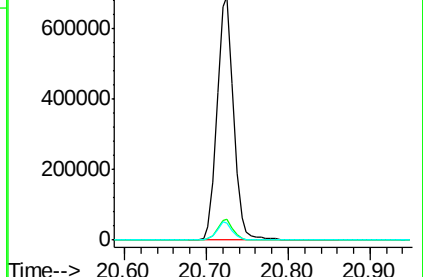
122 6.9 7.0 10.4#



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

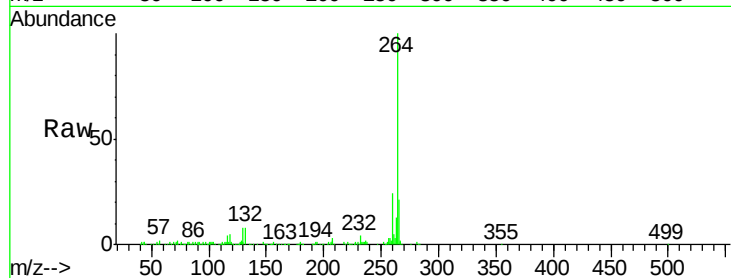




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :
 EPE-L-6(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.8	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

