

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033427.D
 Acq On : 29 Mar 2018 19:35
 Operator : SJ/JU
 Sample : J1754-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-D

Quant Time: Mar 30 07:56:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31841	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	129666	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	100970	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	321633	20.00	ng	0.00
75) Chrysene-d12	22.56	240	351794	20.00	ng	0.00
86) Perylene-d12	26.33	264	377091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	244073	143.73	ng	0.00
7) Phenol-d6	7.98	99	342490	117.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	263951	93.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	259617	171.92	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	666342	95.27	ng	0.00
78) Terphenyl-d14	20.73	244	1573751	95.67	ng	0.00

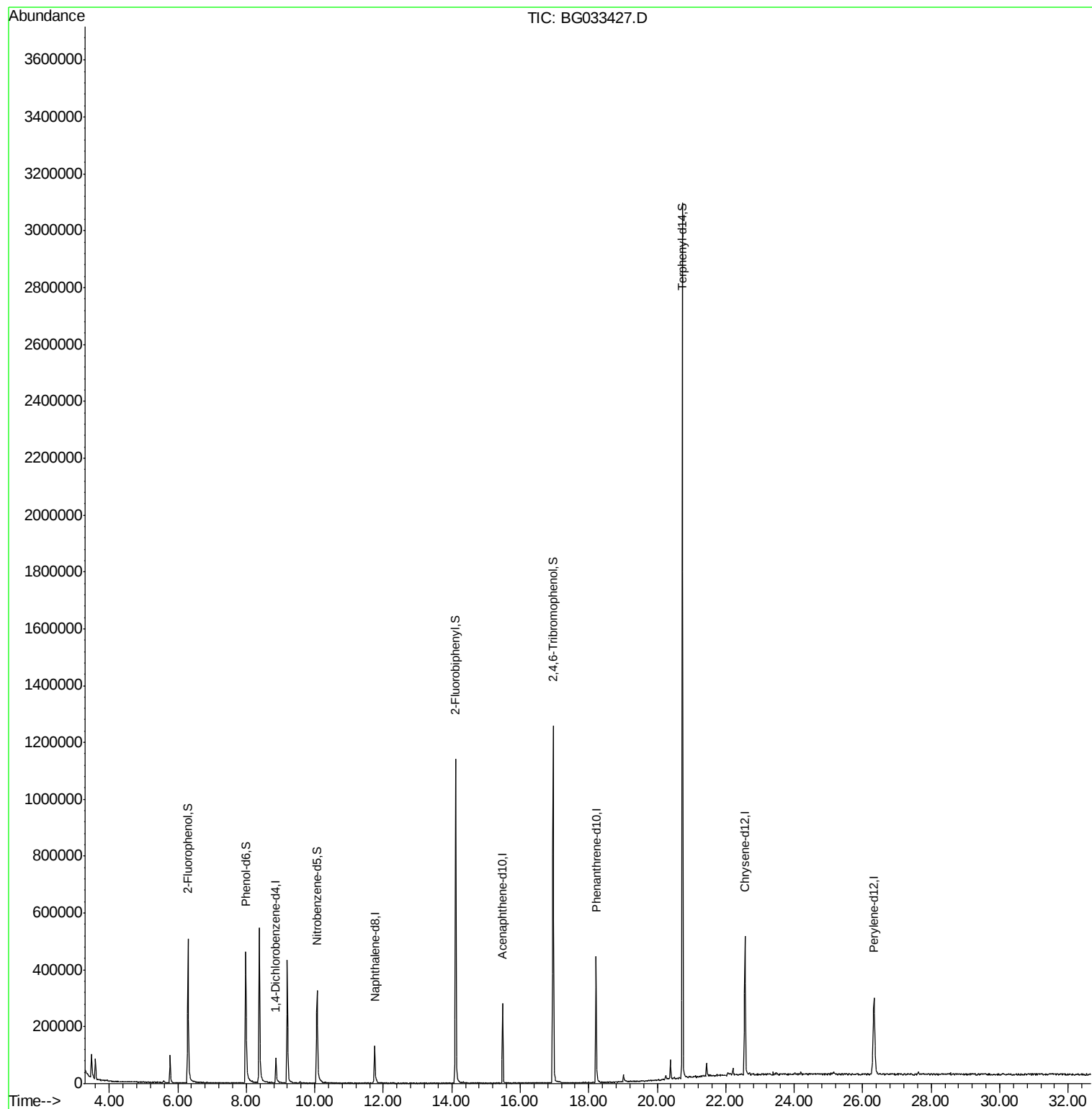
Target Compounds Qvalue

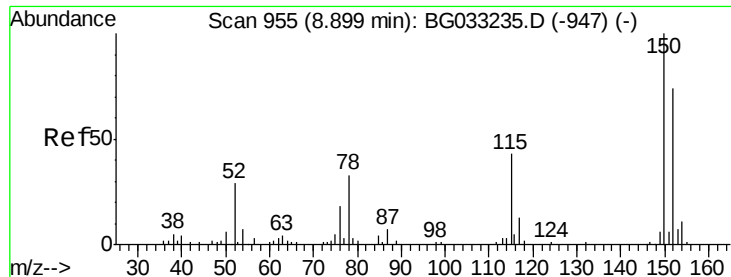
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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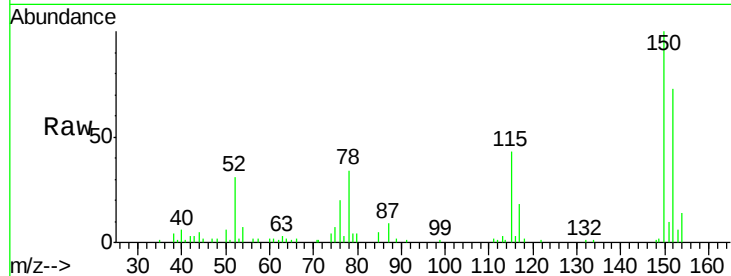


#1

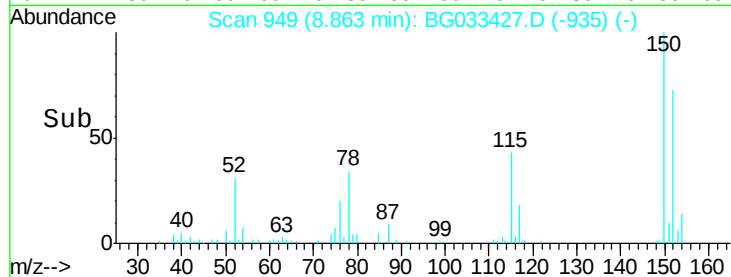
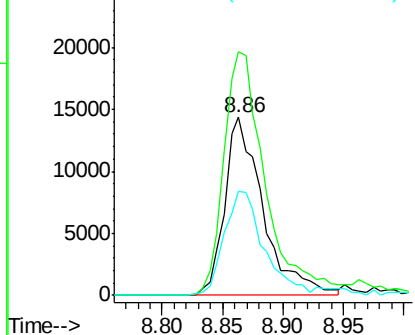
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033427.D
Acq: 29 Mar 2018 19:35

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-D

Tot Ion:152 Resp: 31841
Ion Ratio Lower Upper
152 100
150 136.7 126.6 189.8
115 58.3 53.0 79.4



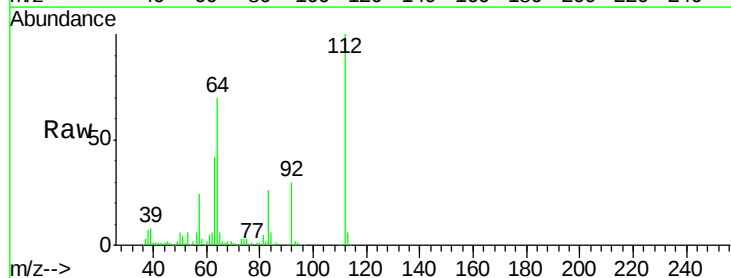
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



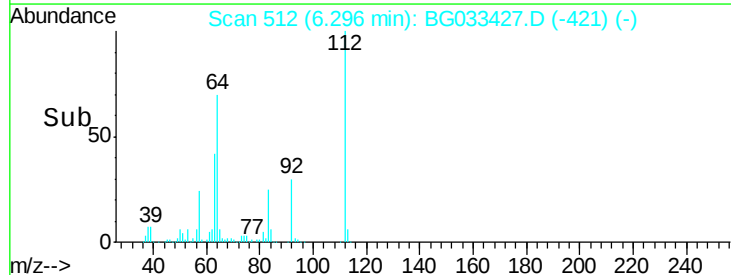
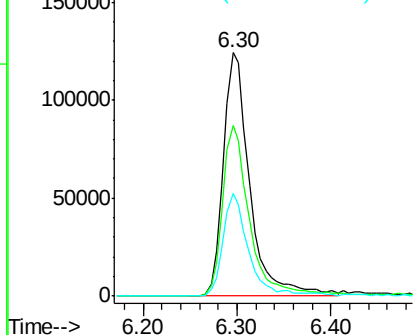
#5

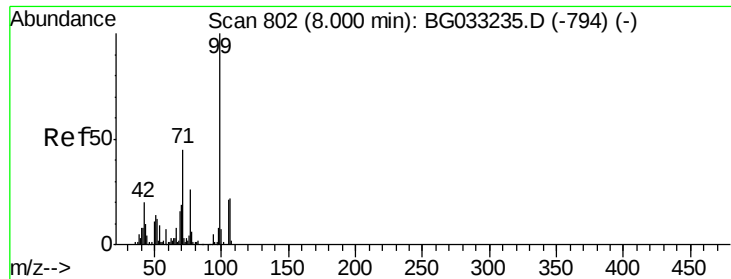
2-Fluorophenol
Concen: 143.735 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033427.D
Acq: 29 Mar 2018 19:35

Tgt Ion:112 Resp: 244073
Ion Ratio Lower Upper
112 100
64 70.1 56.3 84.5
63 42.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.386 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-D

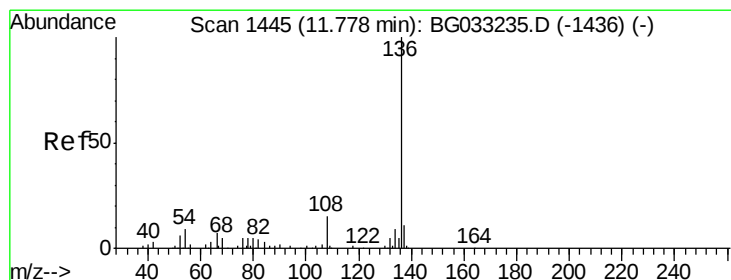
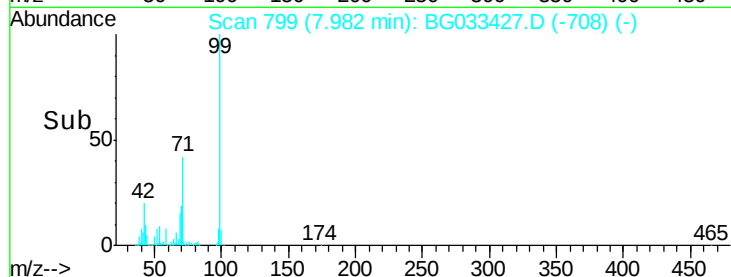
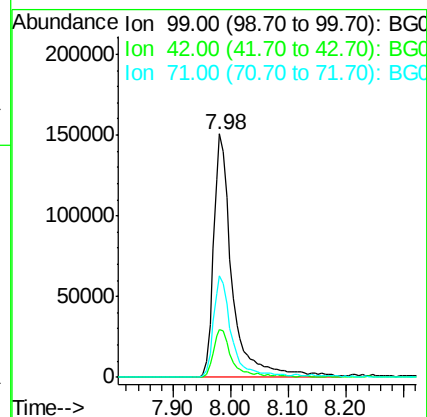
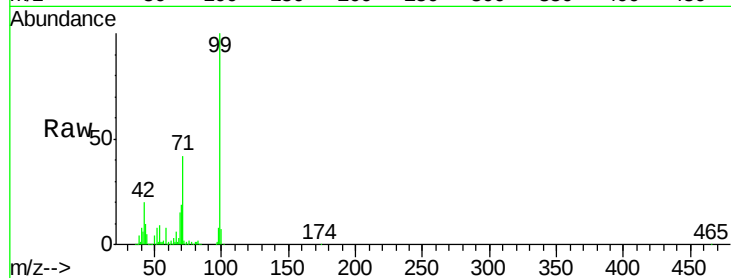
Tot Ion: 99 Resp: 342490

Ion Ratio Lower Upper

99 100

42 19.8 14.1 21.1

71 41.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Tgt Ion: 136 Resp: 129666

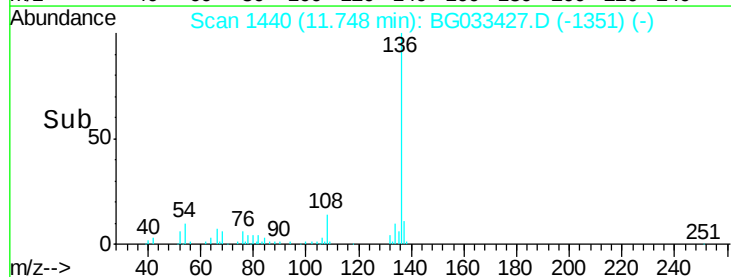
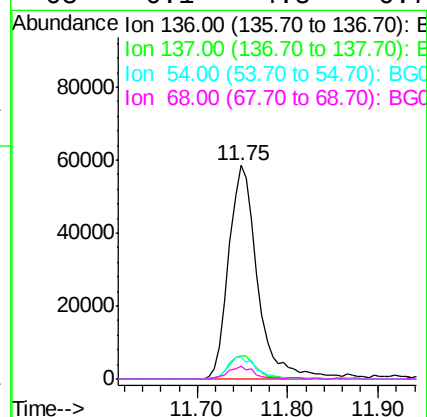
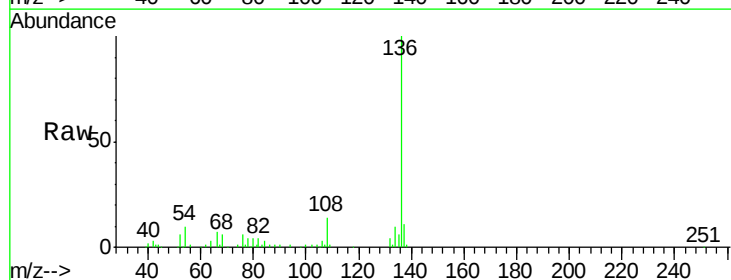
Ion Ratio Lower Upper

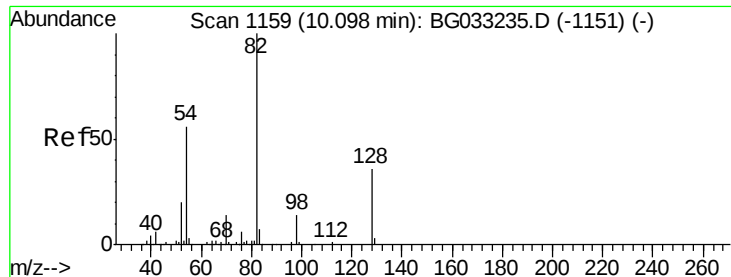
136 100

137 11.1 9.2 13.8

54 9.9 10.3 15.5#

68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.525 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Instrument :

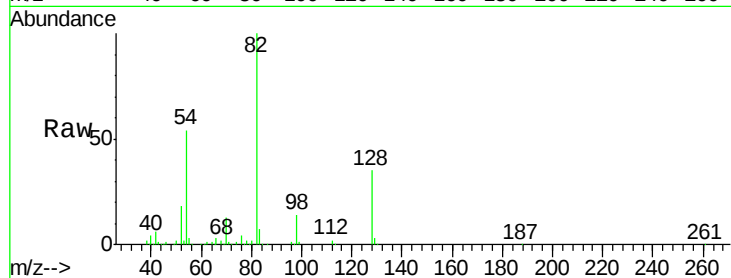
BNA_G

ClientSampleId :

CL-02-032718-D

Tot Ion: 82 Resp: 263951

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	53.9	43.1	64.7

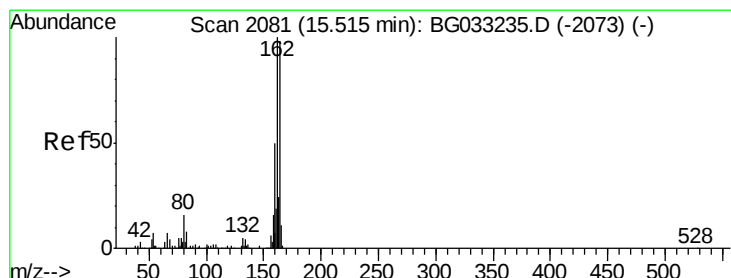
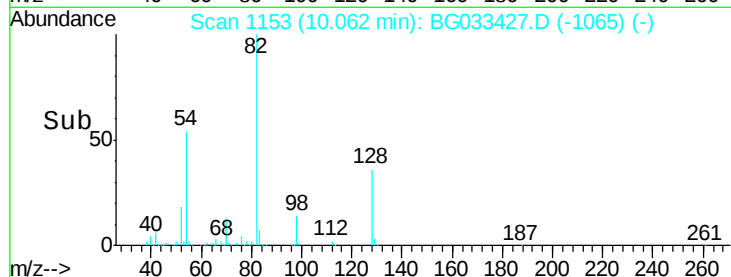
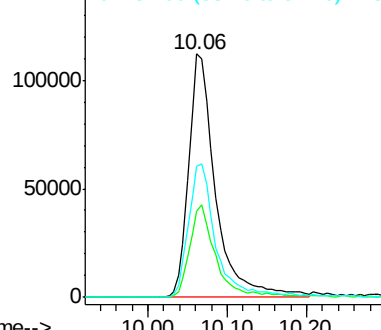


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2076

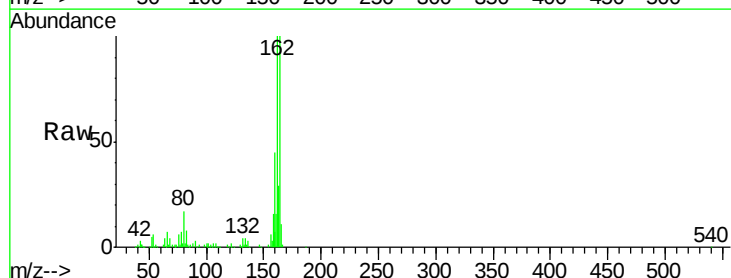
Delta R.T. -0.00 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Tgt Ion: 164 Resp: 100970

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	45.1	35.4	53.0

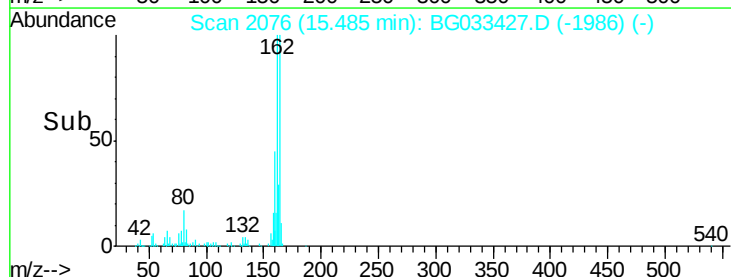
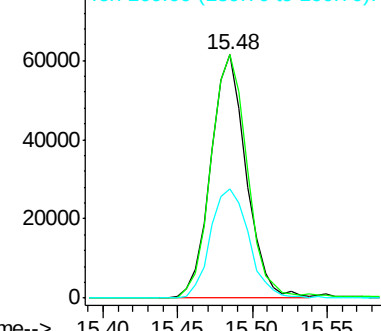


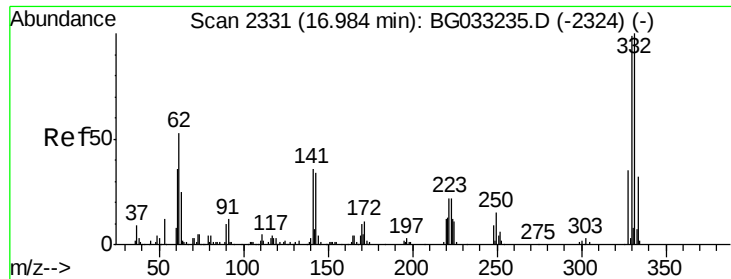
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

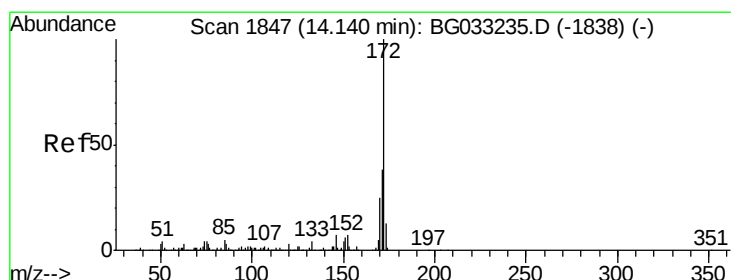
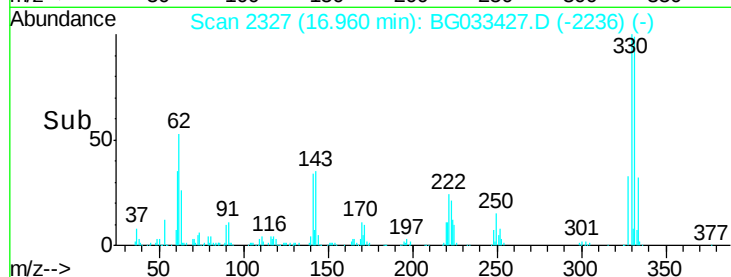
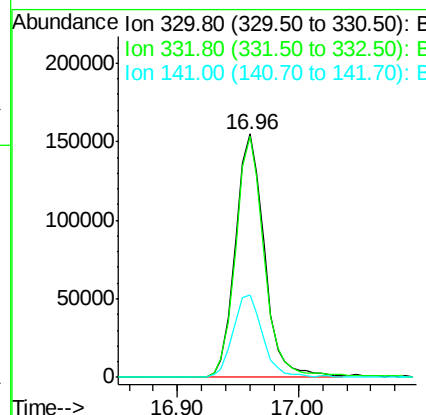
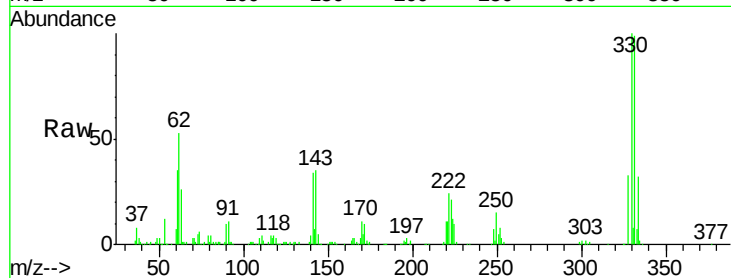




#41
 2,4,6-Tribromophenol
 Concen: 171.918 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033427.D
 Acq: 29 Mar 2018 19:35

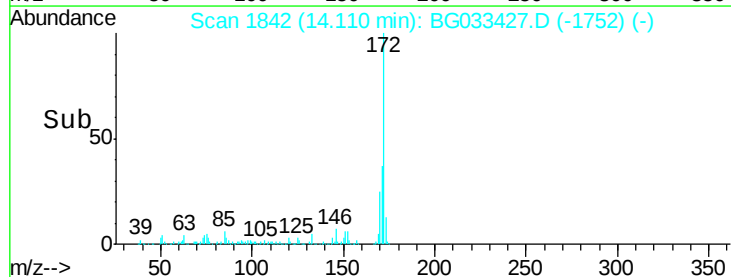
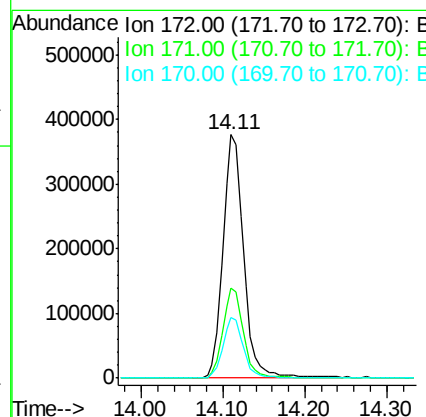
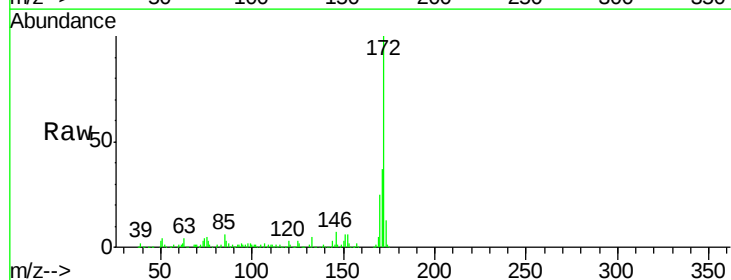
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-032718-D

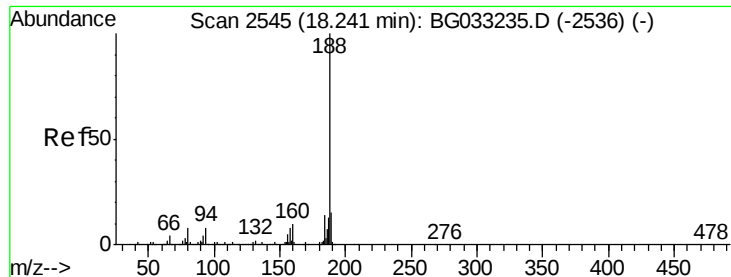
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 95.271 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033427.D
 Acq: 29 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-D

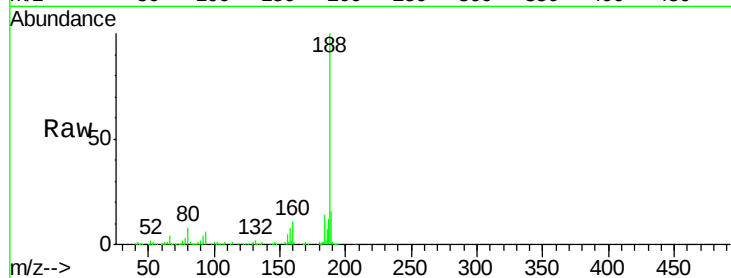
Tot Ion:188 Resp: 321633

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

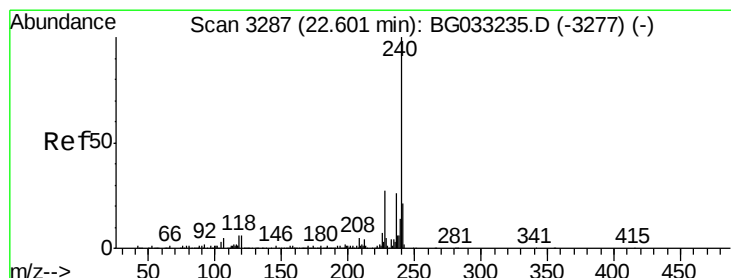
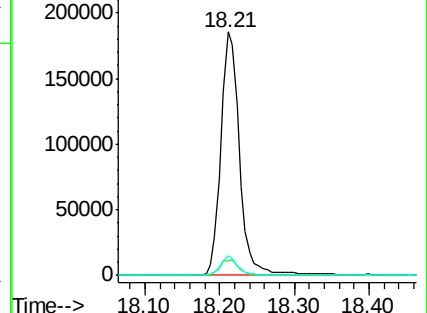
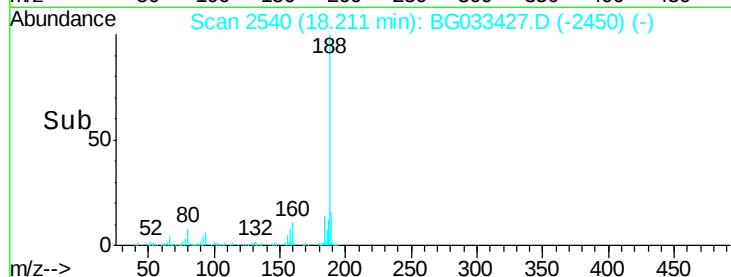
80 7.9 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

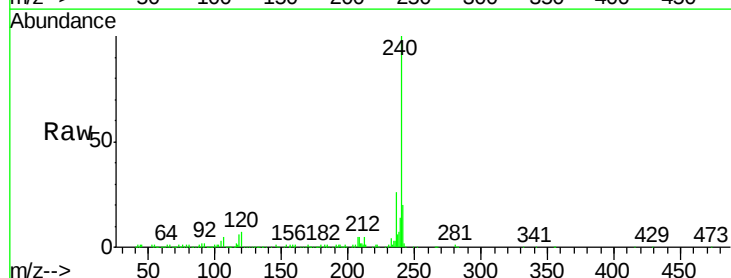
Tgt Ion:240 Resp: 351794

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

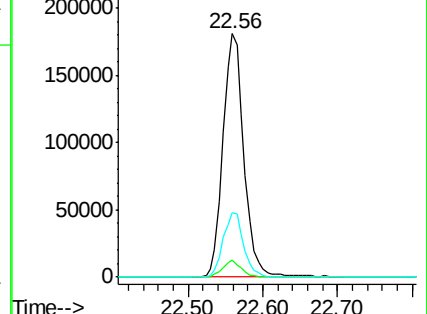
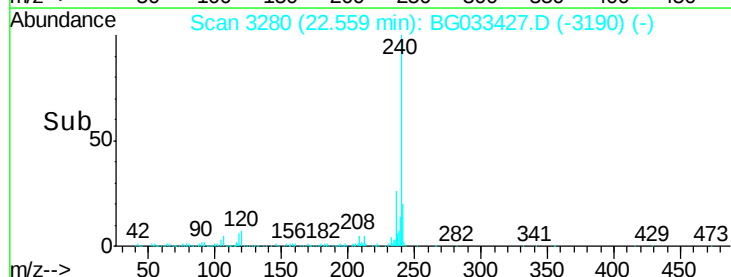
236 26.2 20.9 31.3

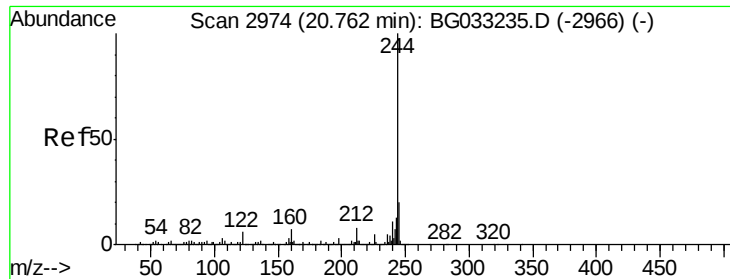


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.671 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

CL-02-032718-D

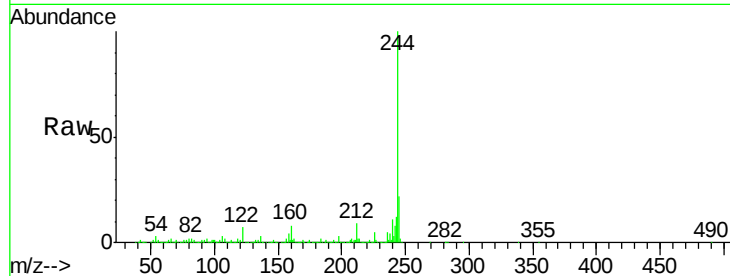
Tot Ion:244 Resp: 1573751

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

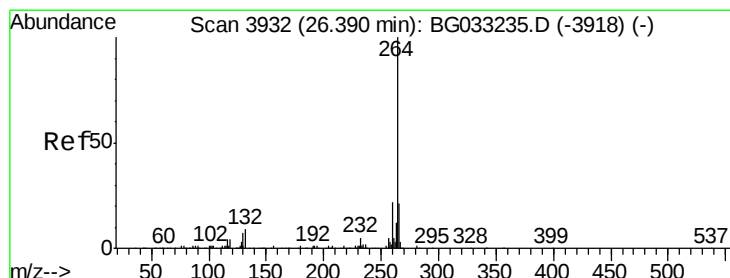
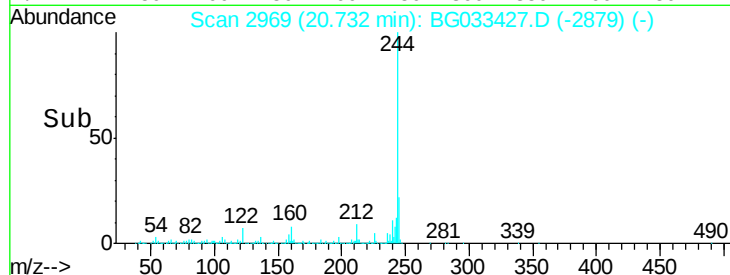
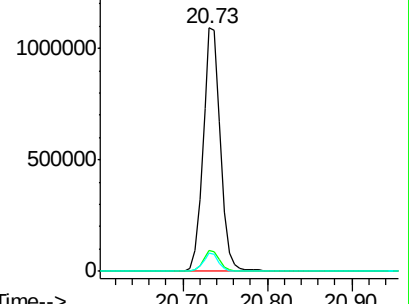
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033427.D

Acq: 29 Mar 2018 19:35

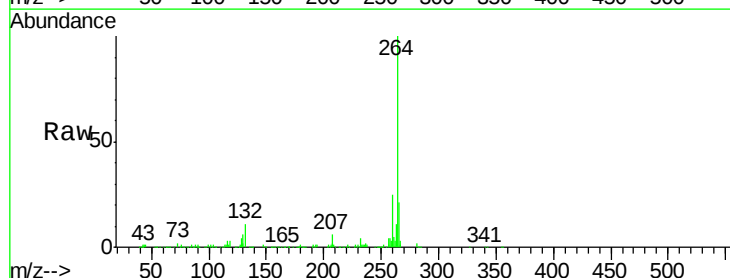
Tgt Ion:264 Resp: 377091

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 20.6 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

