

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033413.D
 Acq On : 29 Mar 2018 9:50
 Operator : SJ/JU
 Sample : J2064-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2532

Quant Time: Mar 29 11:56:18 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	8.87	152	41760	20.00	ng	0.00
21) Naphthalene-d8	11.76	136	174622	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	129003	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314564	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327091	20.00	ng	0.00
86) Perylene-d12	26.33	264	321460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	374239	168.04	ng	0.02
7) Phenol-d6	8.00	99	497981	130.14	ng	0.02
23) Nitrobenzene-d5	10.08	82	403384	106.13	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	234427	121.50	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	942246	105.44	ng	0.00
78) Terphenyl-d14	20.74	244	1631460	106.67	ng	0.00

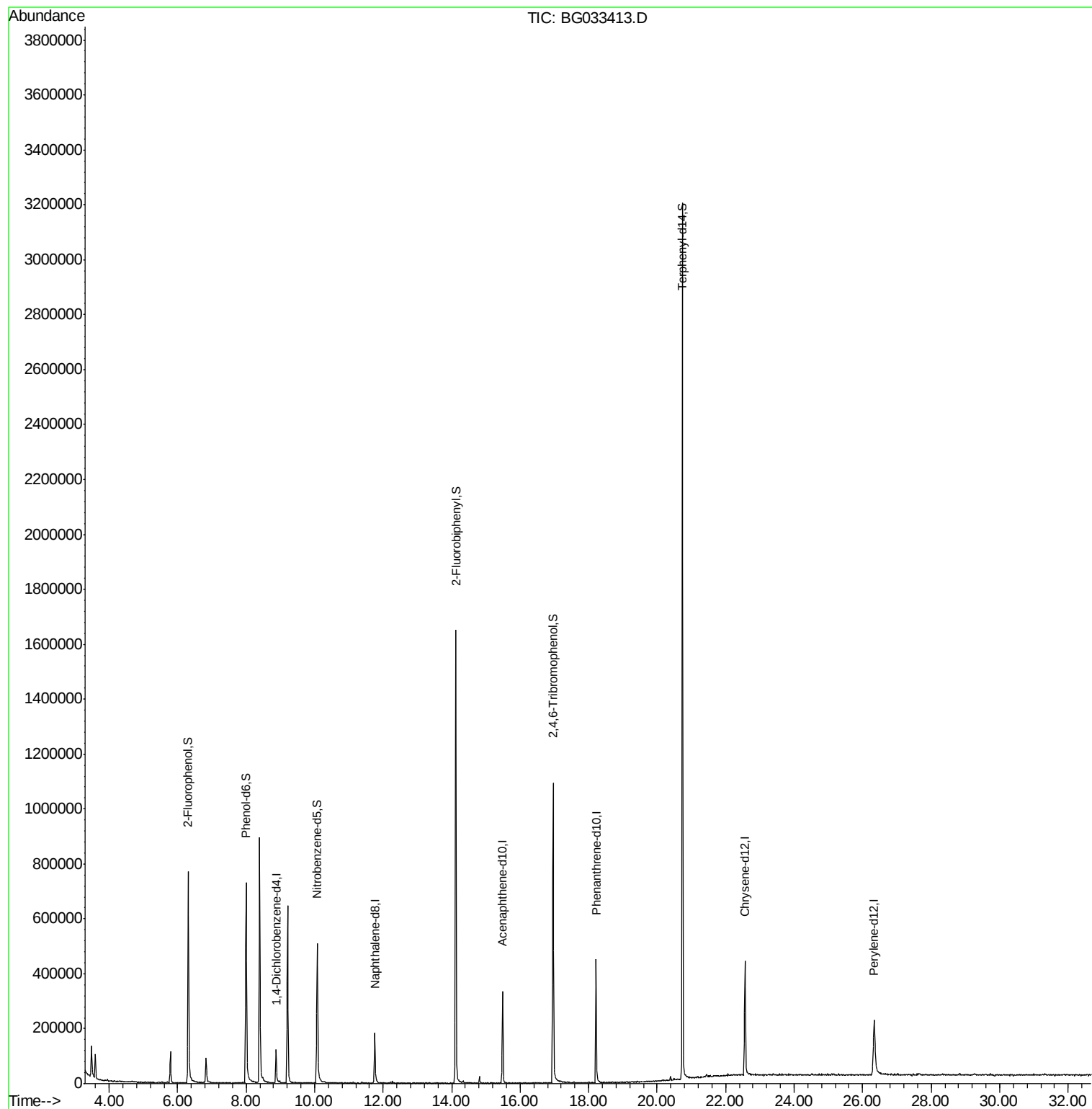
Target Compounds	Qvalue
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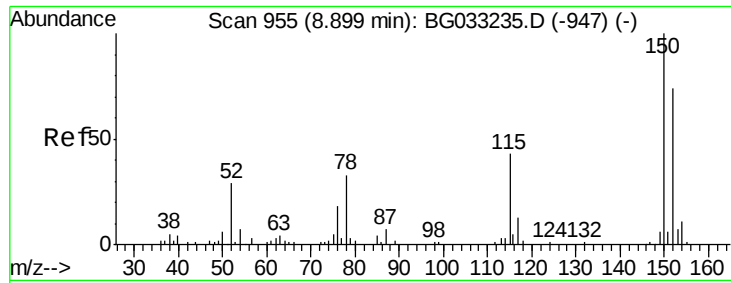
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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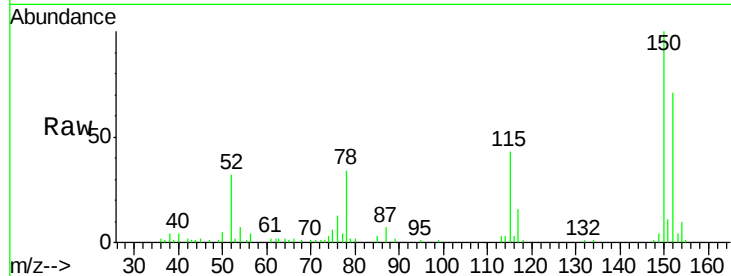


#1

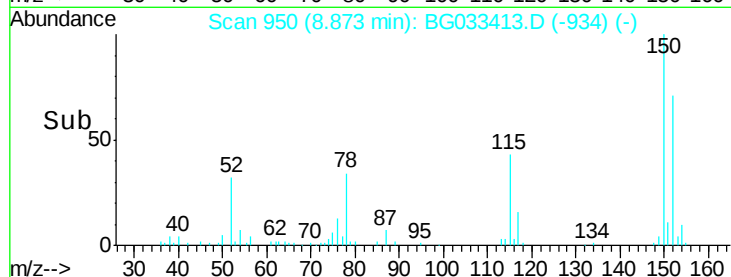
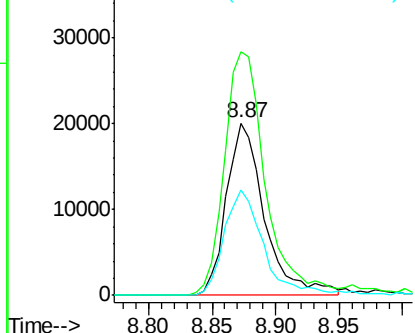
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033413.D
Acq: 29 Mar 2018 9:50

Instrument :
BNA_G
ClientSampleId :
RO-CV-2532

Tot Ion:152 Resp: 41760
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 61.4 53.0 79.4



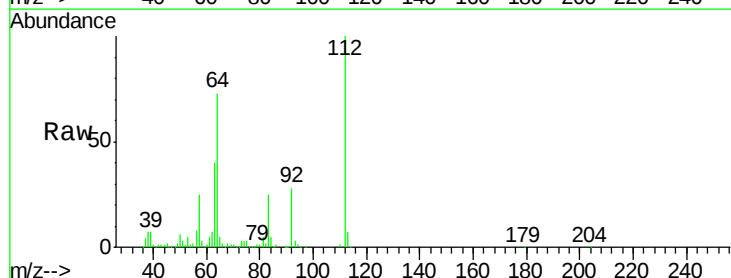
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



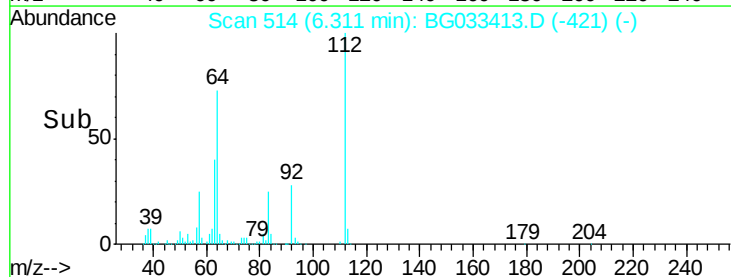
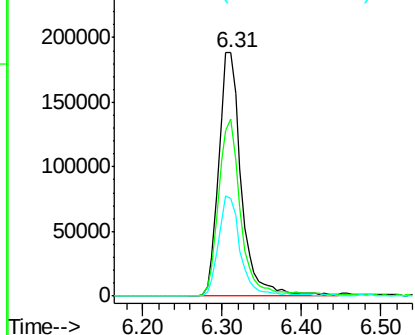
#5

2-Fluorophenol
Concen: 168.042 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.02 min
Lab File: BG033413.D
Acq: 29 Mar 2018 9:50

Tgt Ion:112 Resp: 374239
Ion Ratio Lower Upper
112 100
64 72.8 56.3 84.5
63 40.2 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: 130.139 ng

RT: 8.00 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

Instrument :

BNA_G

ClientSampleId :

RO-CV-2532

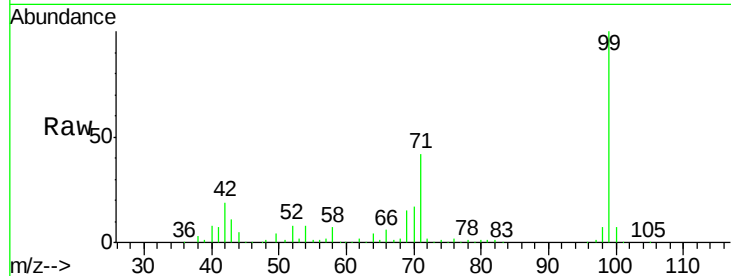
Tot Ion: 99 Resp: 497981

Ion Ratio Lower Upper

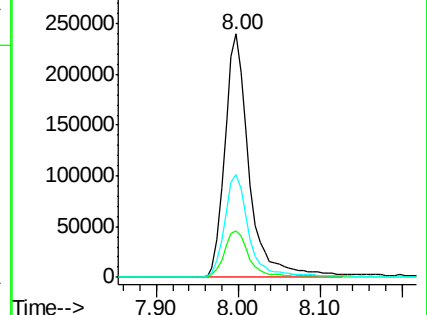
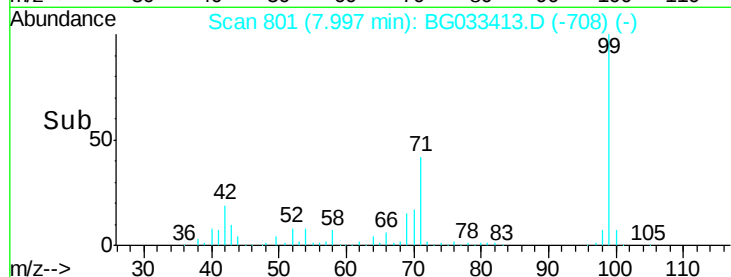
99 100

42 19.1 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: 11.76 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

Tgt Ion: 136 Resp: 174622

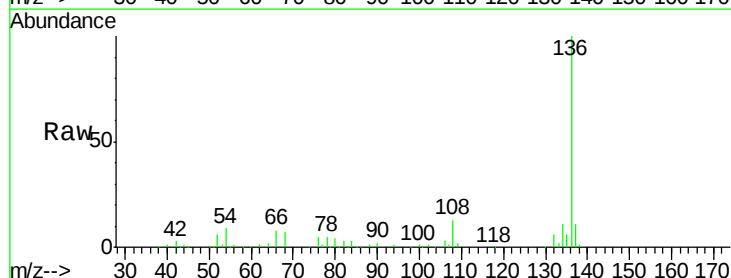
Ion Ratio Lower Upper

136 100

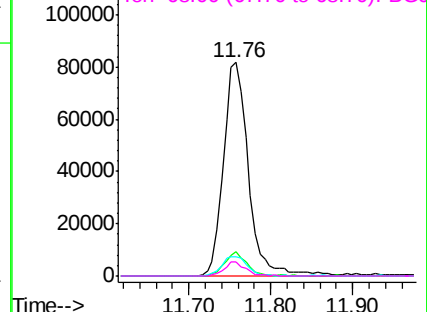
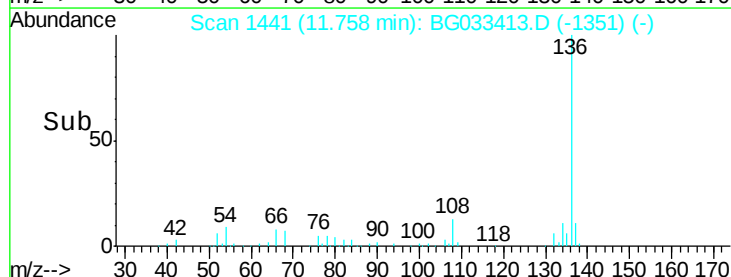
137 11.5 9.2 13.8

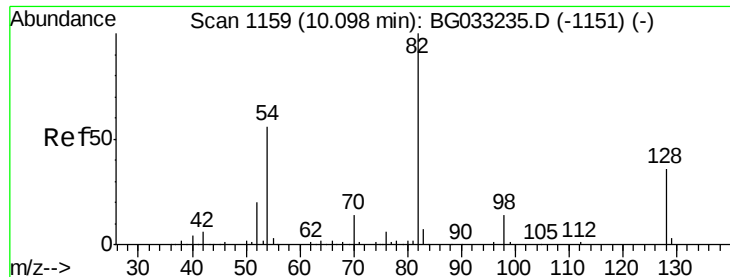
54 8.7 10.3 15.5#

68 6.8 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: 106.133 ng

RT: 10.08 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

Instrument :

BNA_G

ClientSampleId :

RO-CV-2532

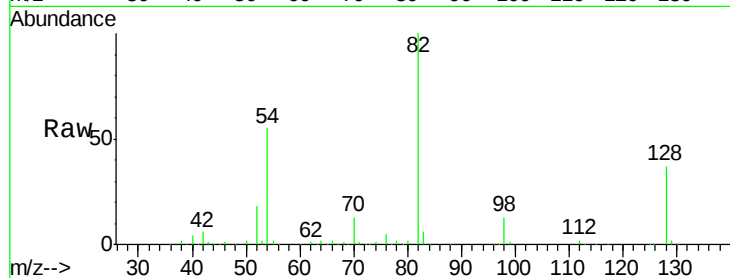
Tot Ion: 82 Resp: 403384

Ion Ratio Lower Upper

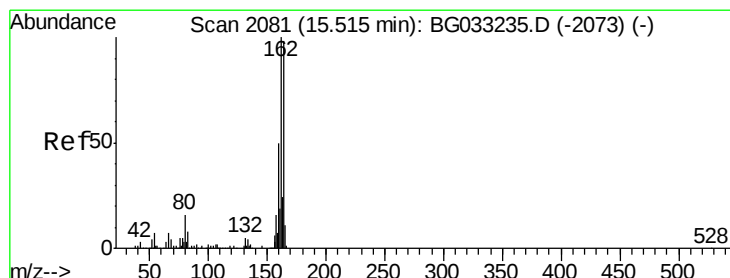
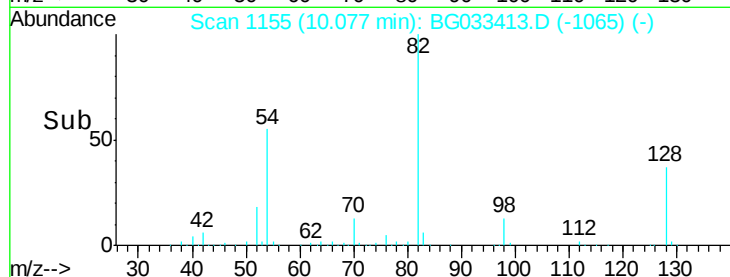
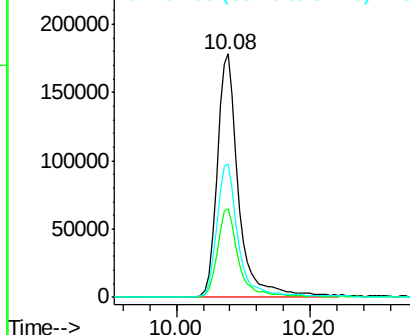
82 100

128 36.6 29.7 44.5

54 54.7 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: 15.49 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

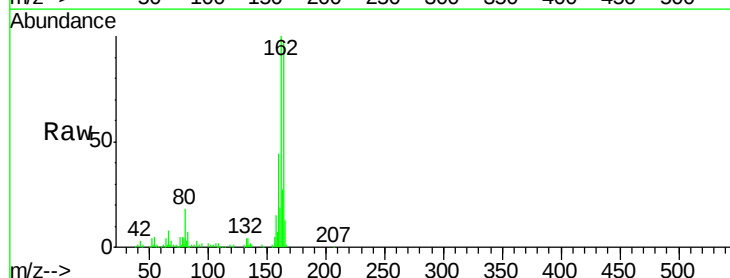
Tgt Ion:164 Resp: 129003

Ion Ratio Lower Upper

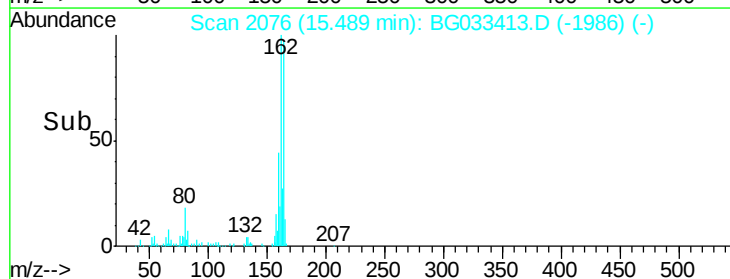
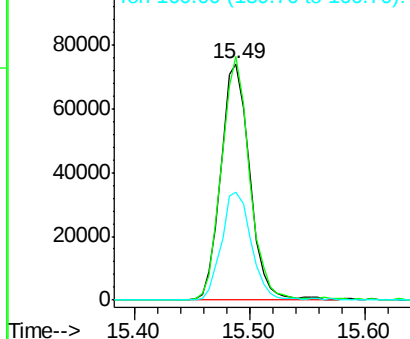
164 100

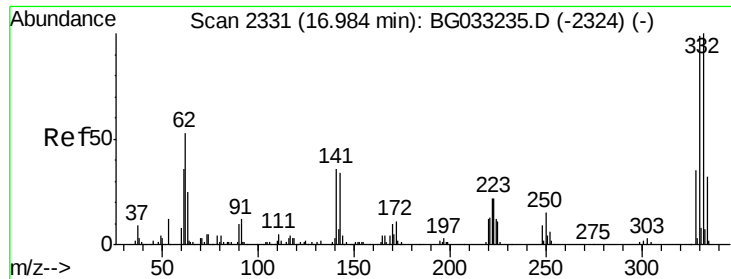
162 102.9 78.8 118.2

160 45.4 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

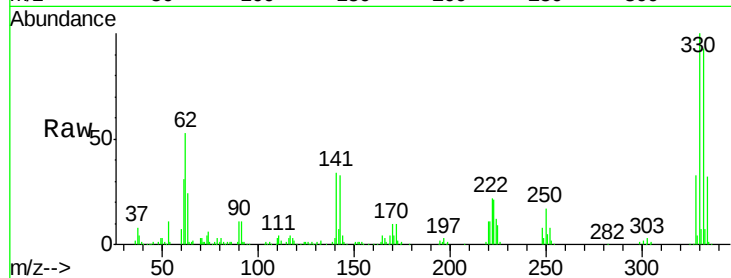




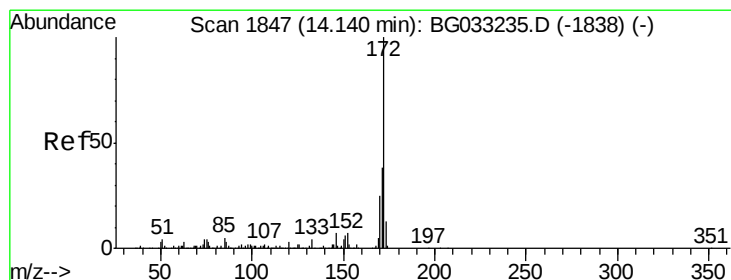
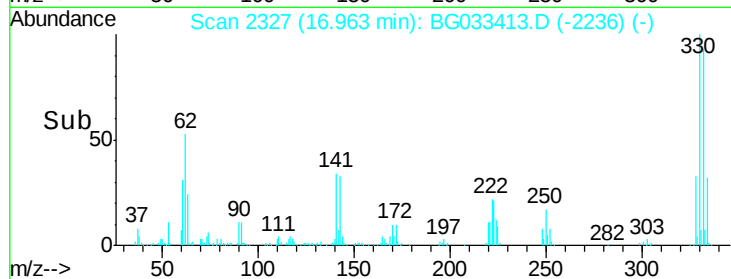
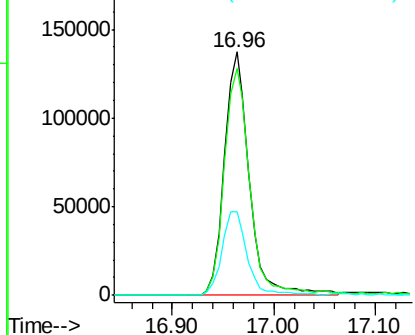
#41
 2,4,6-Tribromophenol
 Concen: 121.503 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033413.D
 Acq: 29 Mar 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2532

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.3	25.2	37.8

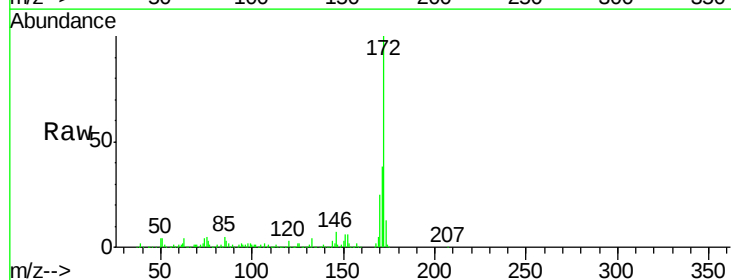


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

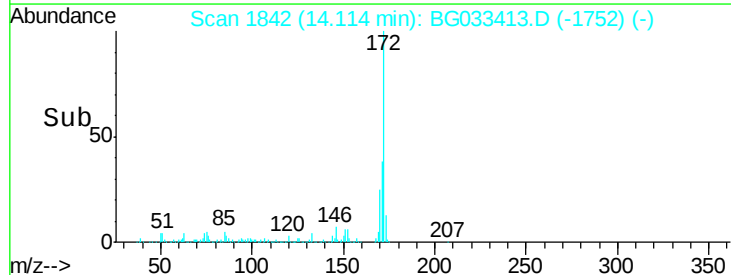
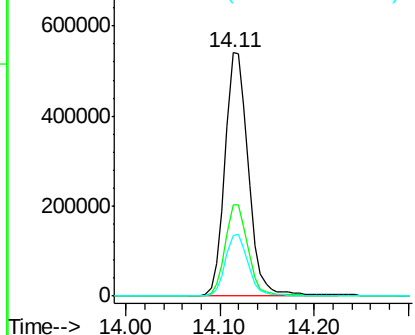


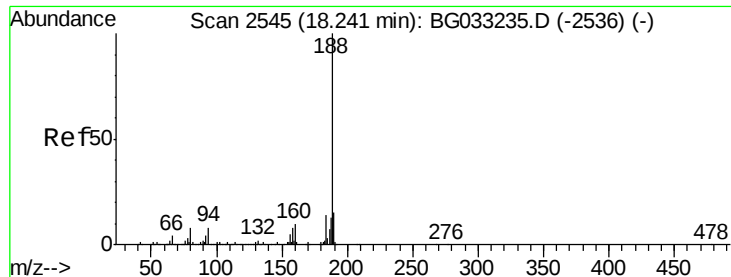
#44
 2-Fluorobiphenyl
 Concen: 105.444 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033413.D
 Acq: 29 Mar 2018 9:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.7	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

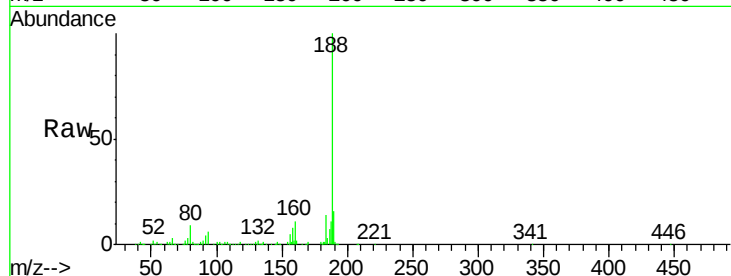




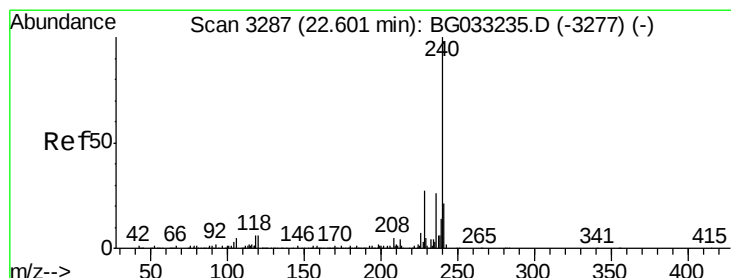
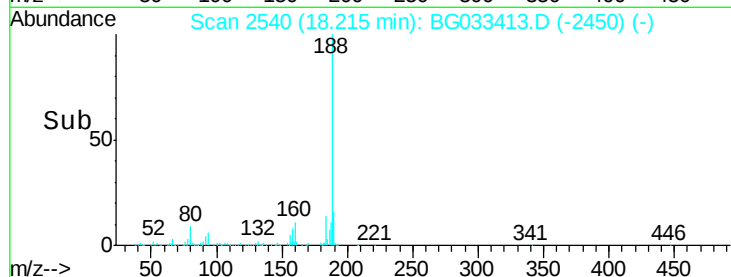
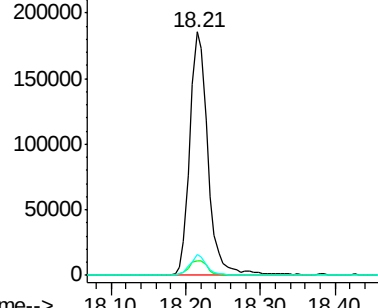
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033413.D
Acq: 29 Mar 2018 9:50

Instrument :
BNA_G
ClientSampleId :
RO-CV-2532

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.7	7.7	11.5

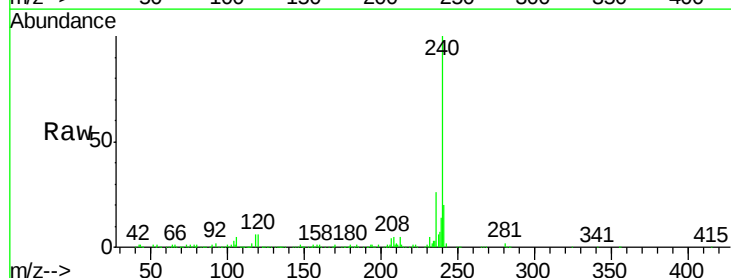


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

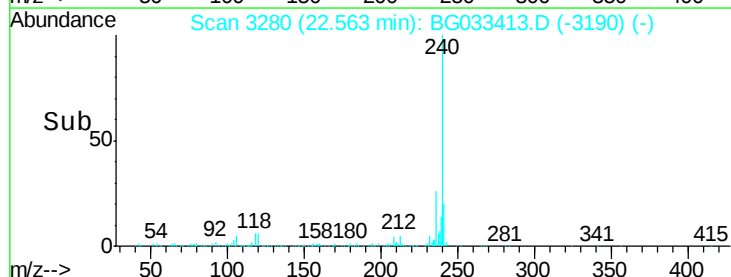
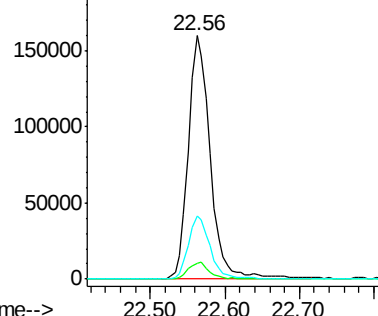


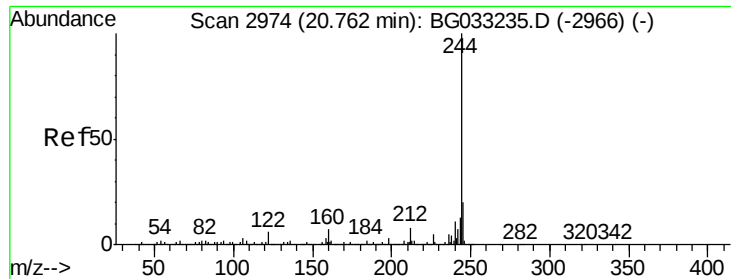
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.00 min
Lab File: BG033413.D
Acq: 29 Mar 2018 9:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.9	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: 106.669 ng

RT: 20.74 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

Instrument :

BNA_G

ClientSampleId :

RO-CV-2532

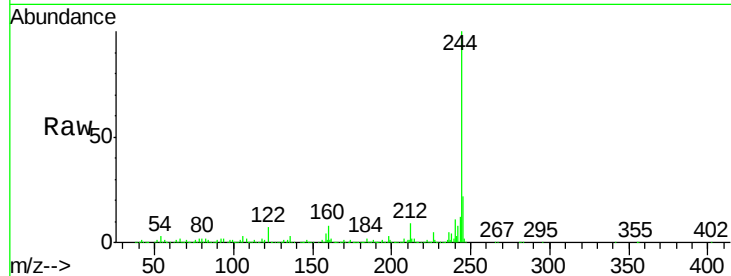
Tot Ion:244 Resp: 1631460

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

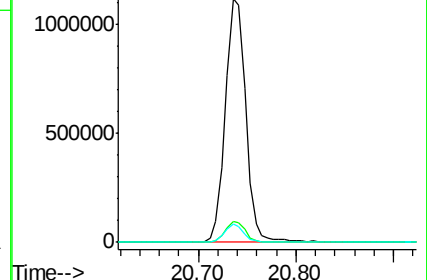
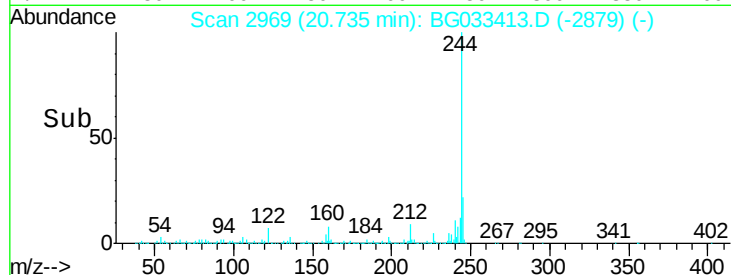
122 7.5 7.0 10.4



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# 3922

Delta R.T. 0.00 min

Lab File: BG033413.D

Acq: 29 Mar 2018 9:50

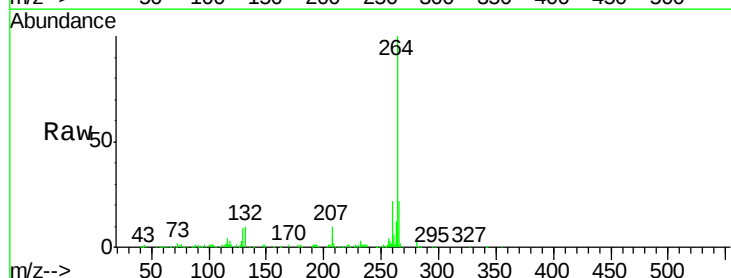
Tgt Ion:264 Resp: 321460

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 22.4 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

