

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033415.D
 Acq On : 29 Mar 2018 11:05
 Operator : SJ/JU
 Sample : J2066-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2036

Quant Time: Mar 29 11:58:38 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	41897	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	178856	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	132042	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319188	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329275	20.00	ng	0.00
86) Perylene-d12	26.33	264	321527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	316558	141.68	ng	0.00
7) Phenol-d6	7.99	99	439205	114.40	ng	0.00
23) Nitrobenzene-d5	10.07	82	345025	88.63	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	211639	107.17	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	834223	91.21	ng	0.00
78) Terphenyl-d14	20.73	244	1459064	94.76	ng	0.00

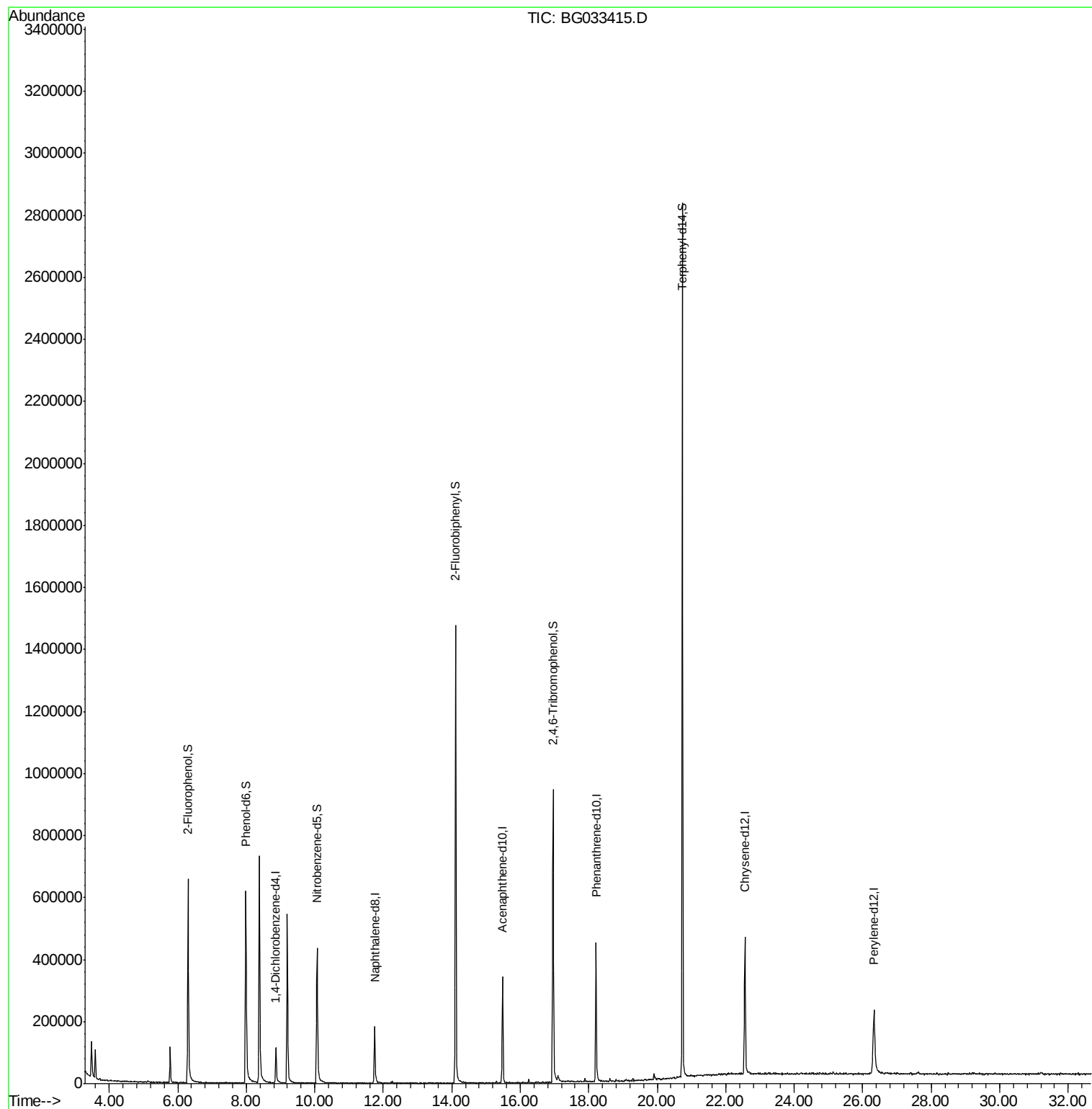
Target Compounds Qvalue

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

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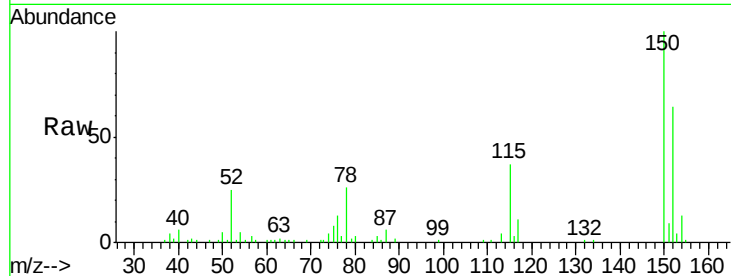


#1

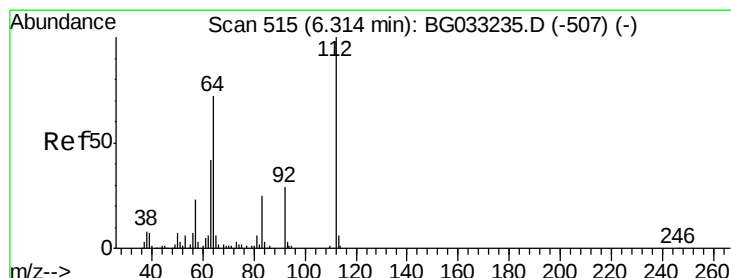
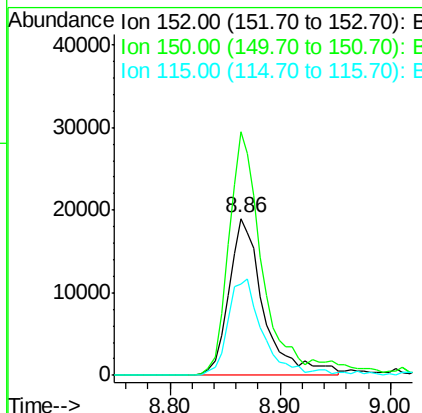
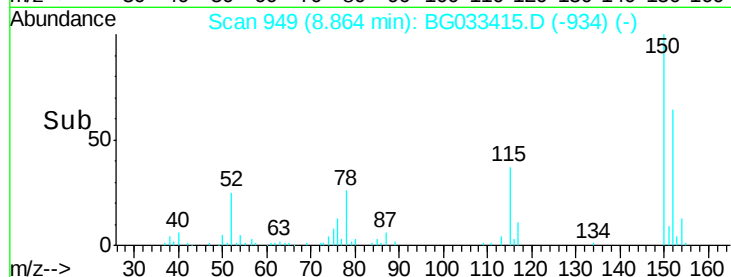
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

Instrument :
BNA_G
ClientSampleId :
RO-CV-2036

Tot Ion:152 Resp: 41897
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 58.2 53.0 79.4



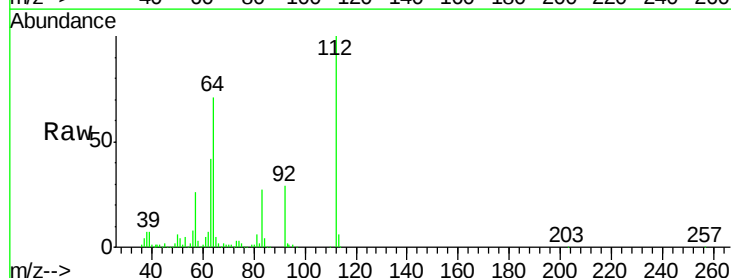
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



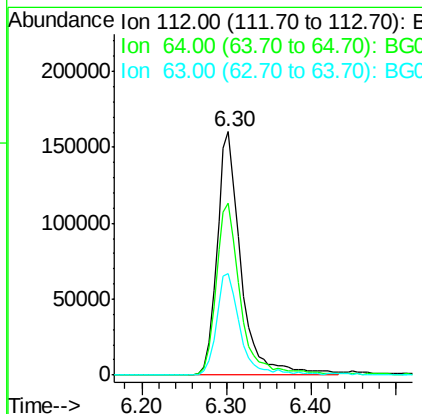
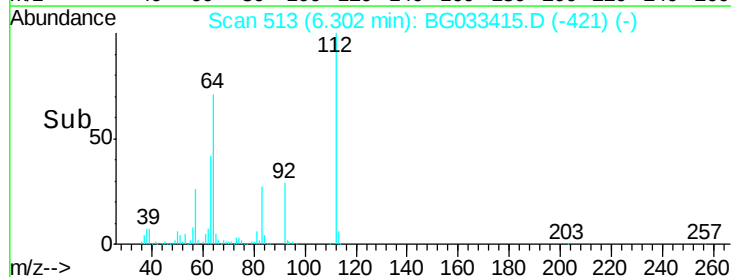
#5

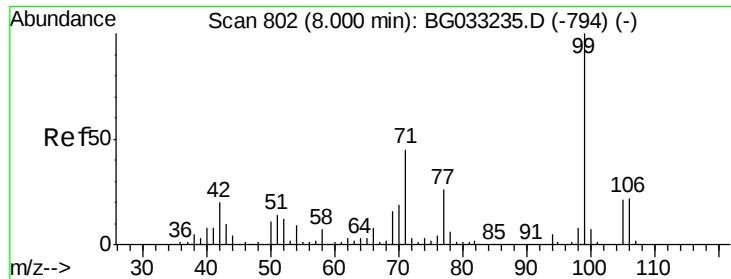
2-Fluorophenol
Concen: 141.677 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

Tgt Ion:112 Resp: 316558
Ion Ratio Lower Upper
112 100
64 70.5 56.3 84.5
63 42.0 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: 114.403 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033415.D

Acq: 29 Mar 2018 11:05

Instrument :

BNA_G

ClientSampleId :

RO-CV-2036

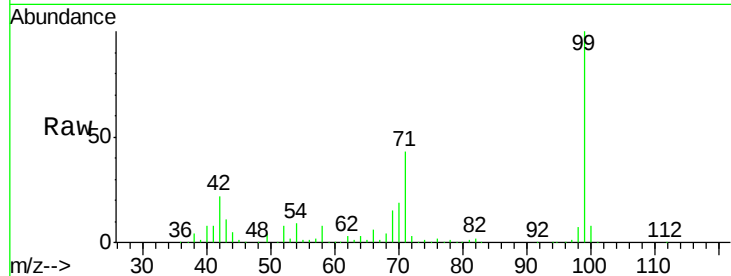
Tot Ion: 99 Resp: 439205

Ion Ratio Lower Upper

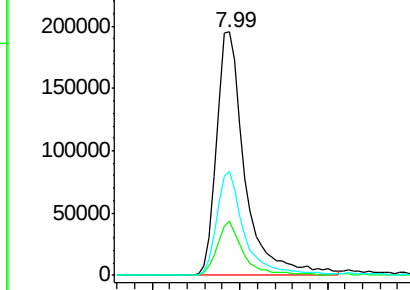
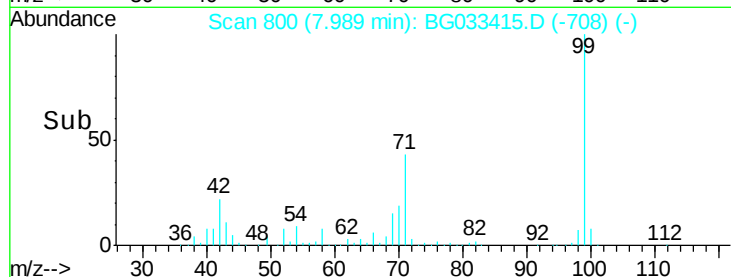
99 100

42 22.1 14.1 21.1#

71 42.6 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033415.D

Acq: 29 Mar 2018 11:05

Tgt Ion: 136 Resp: 178856

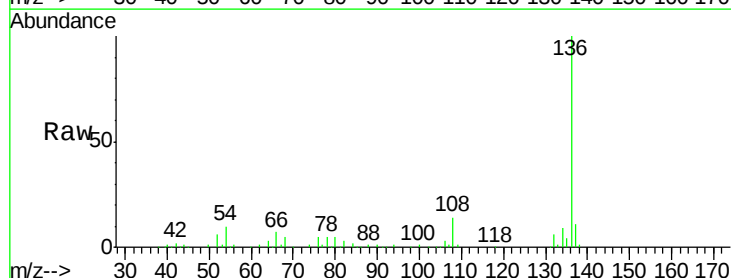
Ion Ratio Lower Upper

136 100

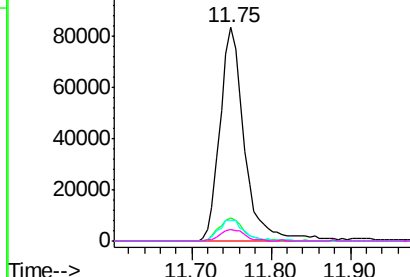
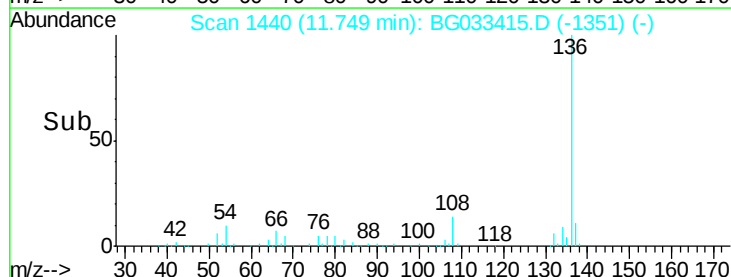
137 11.0 9.2 13.8

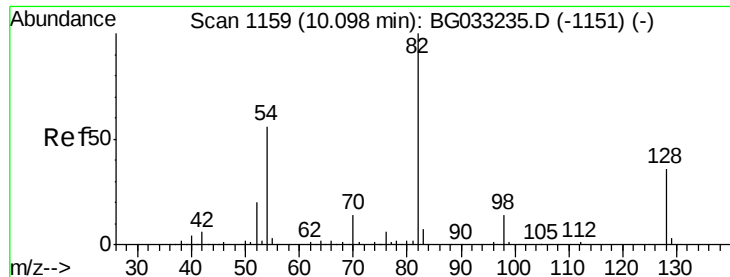
54 9.6 10.3 15.5#

68 5.1 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

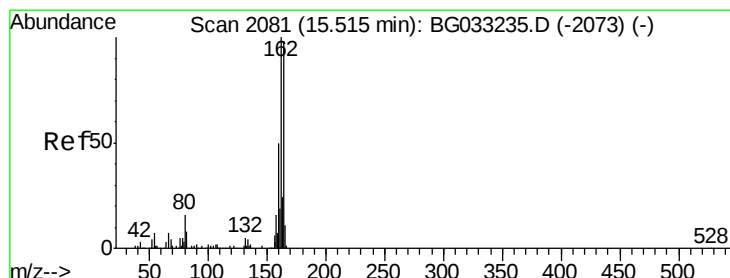
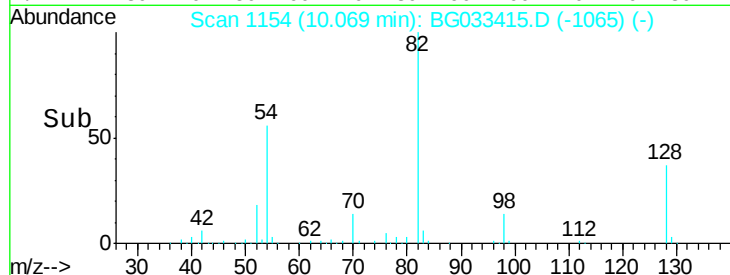
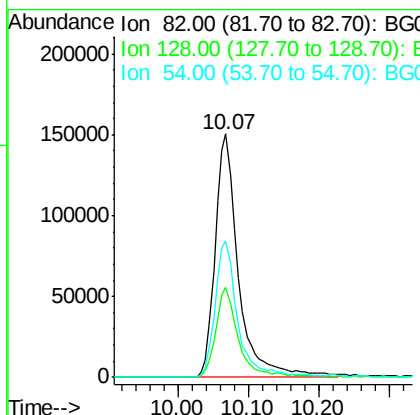
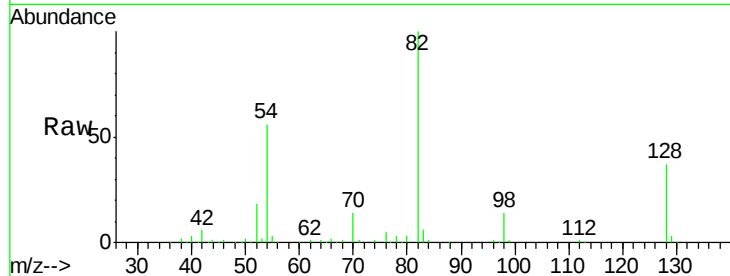




#23
Nitrobenzene-d5
Concen: 88.629 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

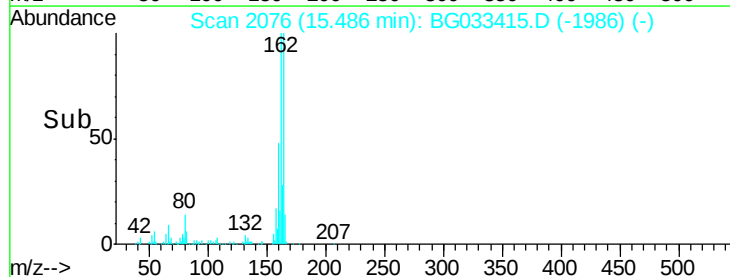
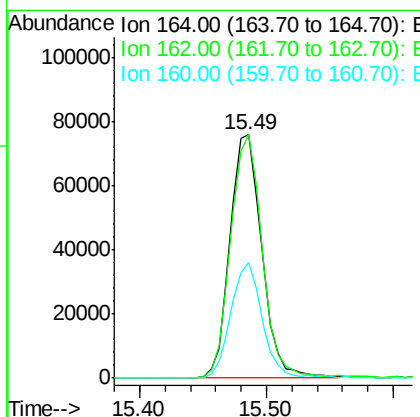
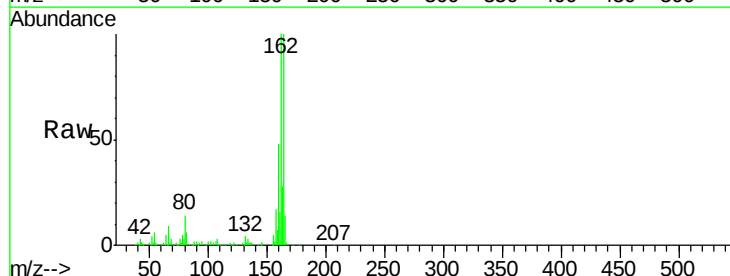
Instrument :
BNA_G
ClientSampleId :
RO-CV-2036

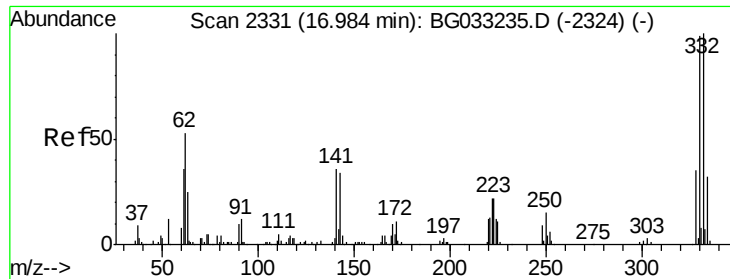
Tot Ion	82	Resp	345025
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.7	44.5
54	55.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

Tgt Ion	164	Resp	132042
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	47.5	35.4	53.0

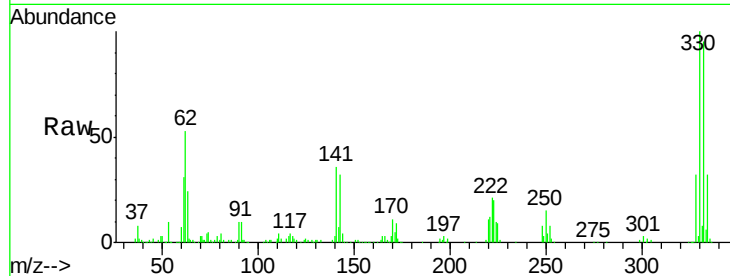




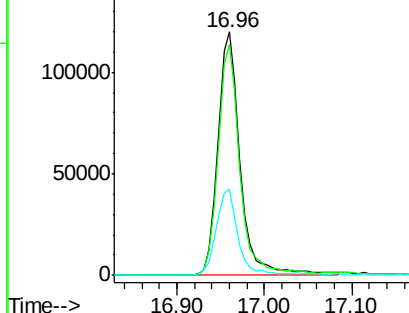
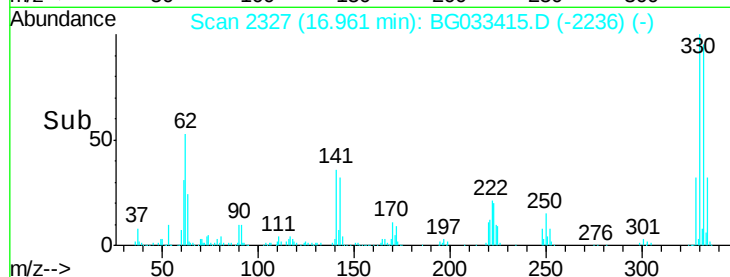
#41
 2,4,6-Tribromophenol
 Concen: 107.168 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033415.D
 Acq: 29 Mar 2018 11:05

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2036

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.0	115.6
141	34.3	25.2	37.8

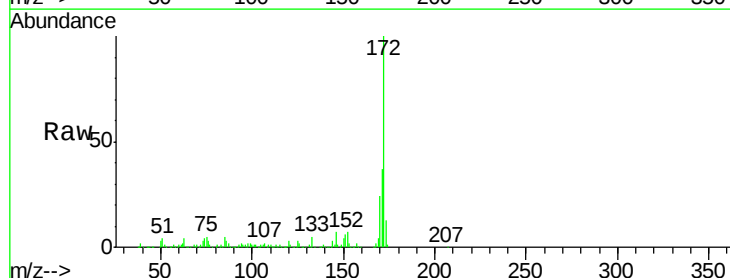


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

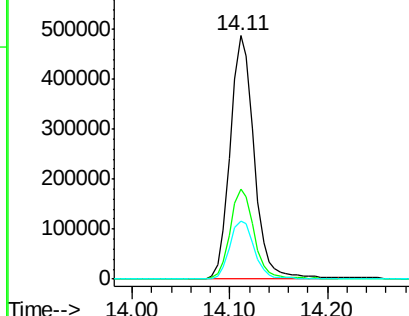
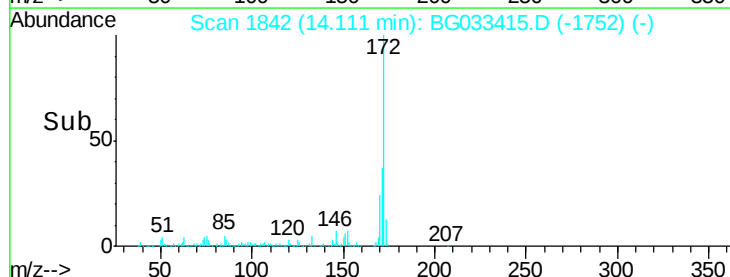


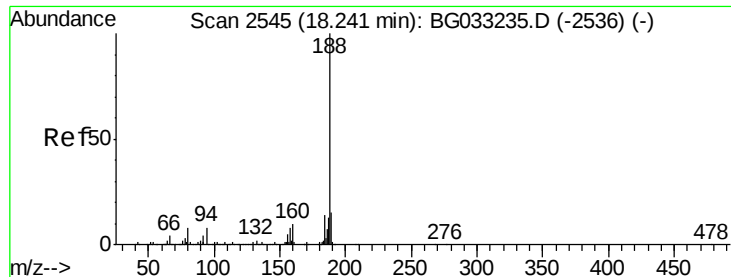
#44
 2-Fluorobiphenyl
 Concen: 91.207 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033415.D
 Acq: 29 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

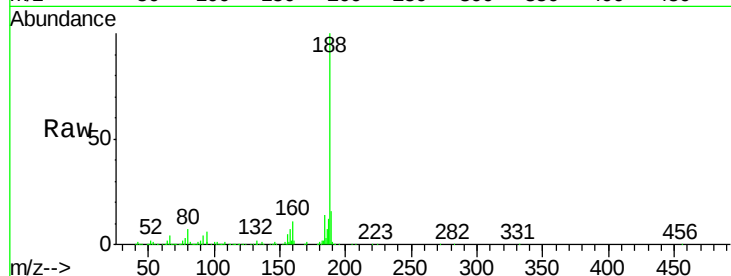




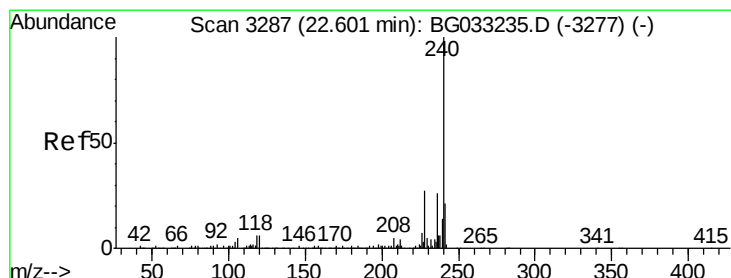
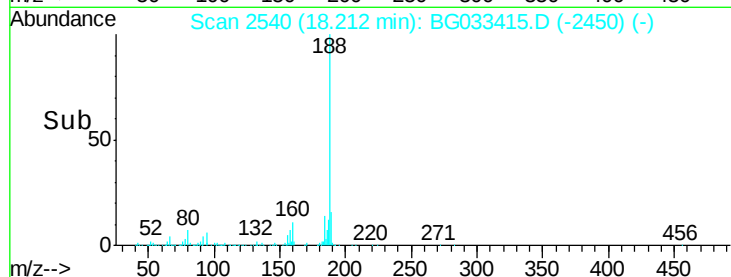
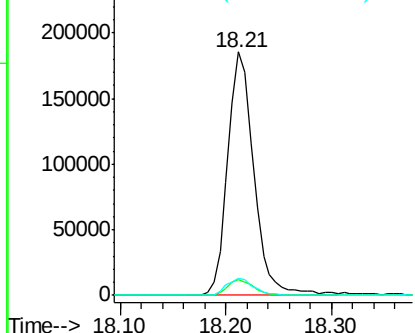
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

Instrument :
BNA_G
ClientSampleId :
RO-CV-2036

Tot Ion:188 Resp: 319188
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.0 7.7 11.5#

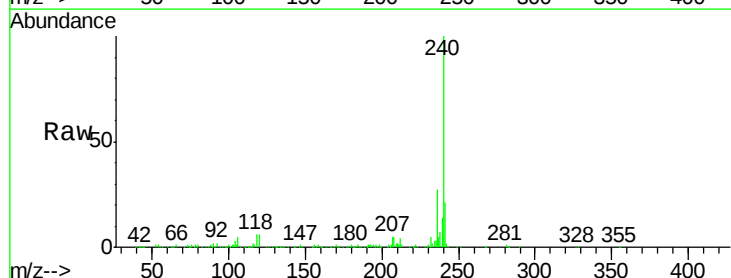


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

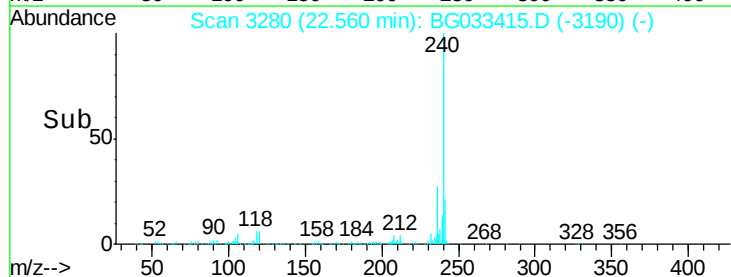
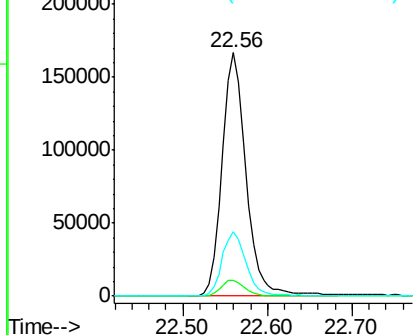


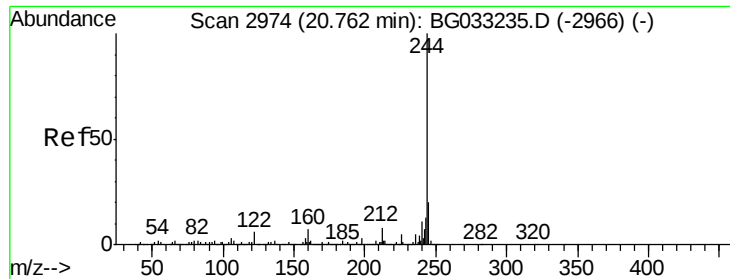
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033415.D
Acq: 29 Mar 2018 11:05

Tgt Ion:240 Resp: 329275
Ion Ratio Lower Upper
240 100
120 6.4 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: 94.765 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033415.D

Acq: 29 Mar 2018 11:05

Instrument :

BNA_G

ClientSampleId :

RO-CV-2036

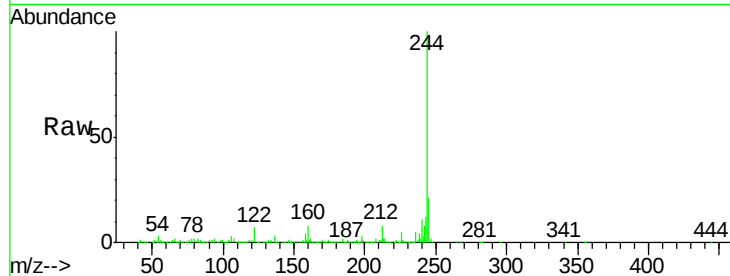
Tot Ion:244 Resp: 1459064

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

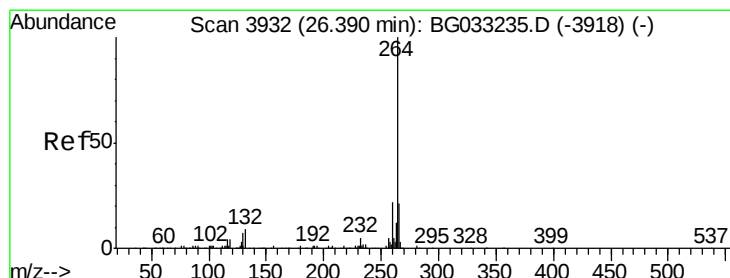
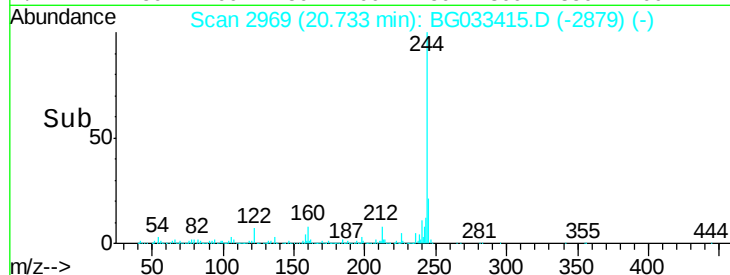
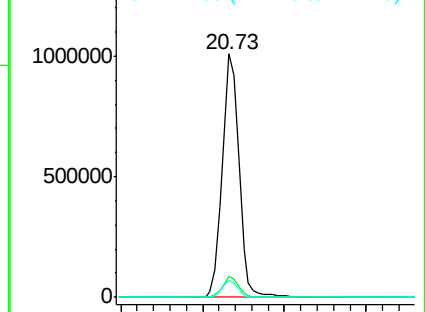
122 7.1 7.0 10.4



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: BG033415.D

Acq: 29 Mar 2018 11:05

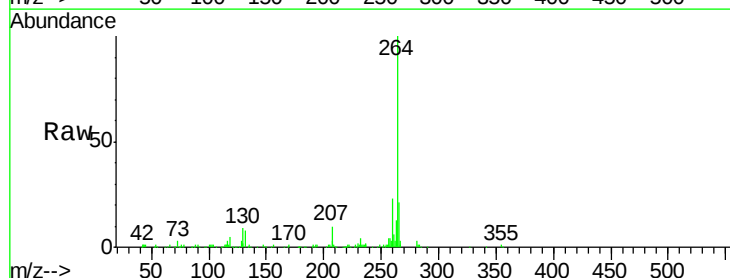
Tgt Ion:264 Resp: 321527

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.0 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

