

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032274.D
 Acq On : 24 Jan 2018 23:26
 Operator : SJ/JU
 Sample : PB105928TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105928TB

Quant Time: Jan 25 04:56:35 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38197	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	151271	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	108489	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	305551	20.00	ng	0.00
75) Chrysene-d12	22.42	240	402006	20.00	ng	0.00
86) Perylene-d12	26.10	264	411816	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	225056	107.76	ng	0.00
7) Phenol-d6	7.84	99	270515	102.85	ng	0.00
23) Nitrobenzene-d5	9.92	82	165740	74.13	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	193582	107.83	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	583451	66.68	ng	0.00
78) Terphenyl-d14	20.63	244	1301579	71.49	ng	0.00

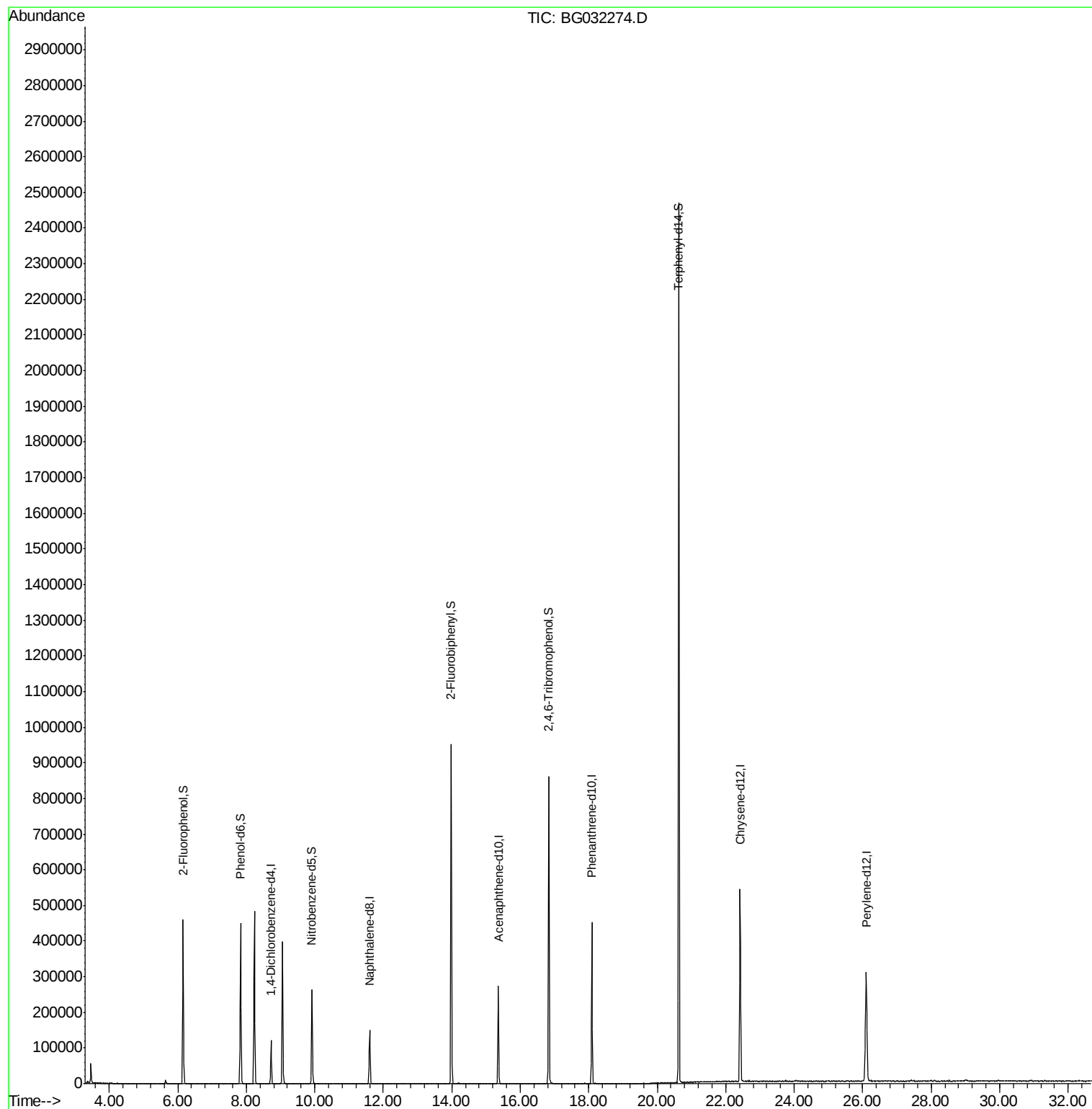
Target Compounds	Qvalue
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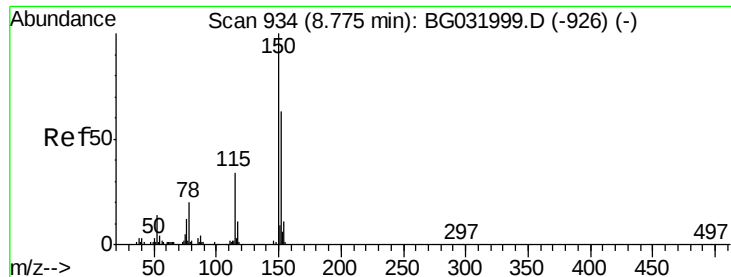
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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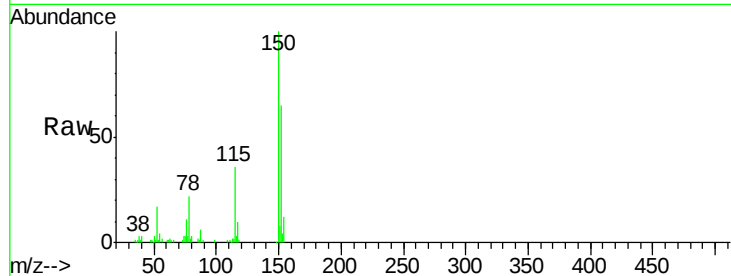


#1

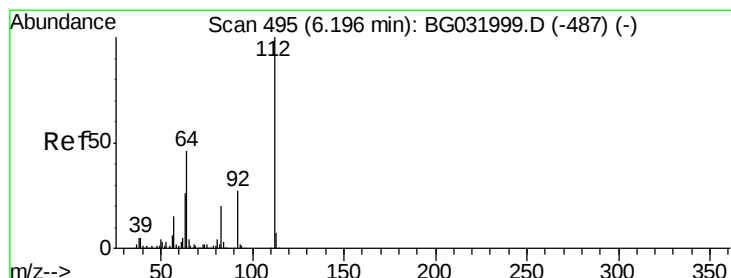
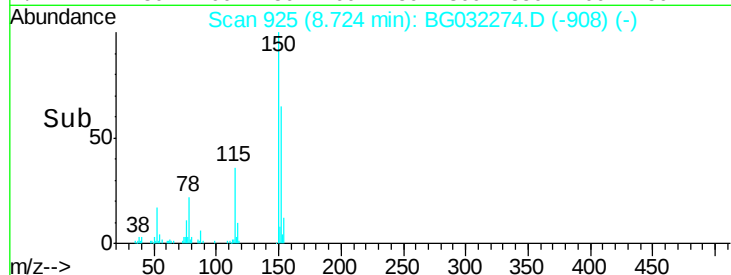
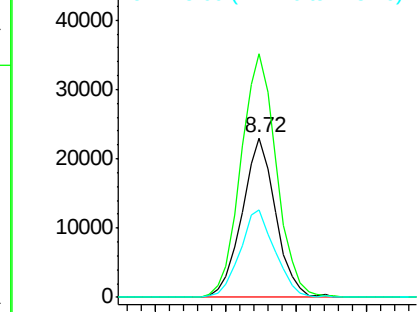
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032274.D
Acq: 24 Jan 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB105928TB

Tgt Ion:152 Resp: 38197
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 54.8 53.0 79.4



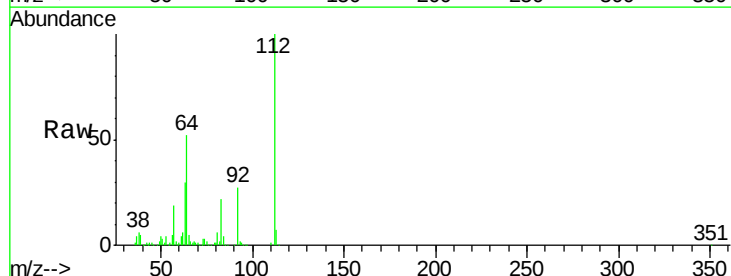
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



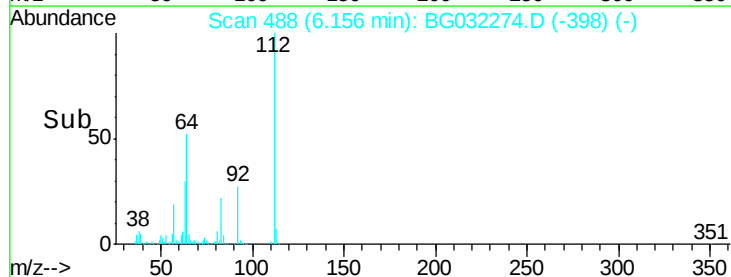
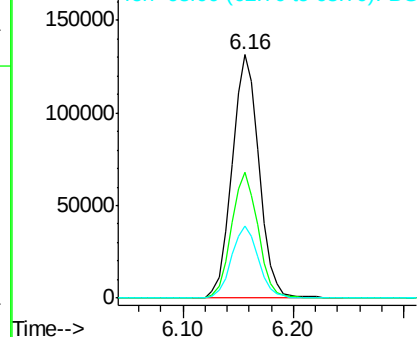
#5

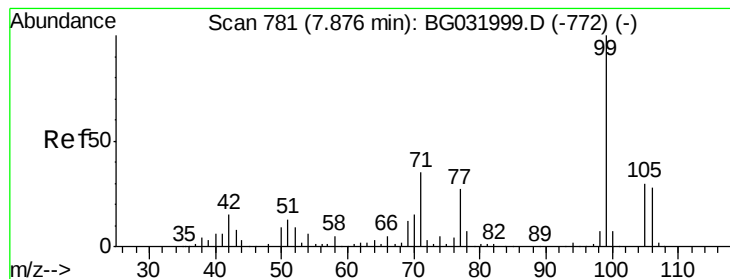
2-Fluorophenol
Concen: 107.760 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032274.D
Acq: 24 Jan 2018 23:26

Tgt Ion:112 Resp: 225056
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 29.6 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: 102.845 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032274.D

Acq: 24 Jan 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB105928TB

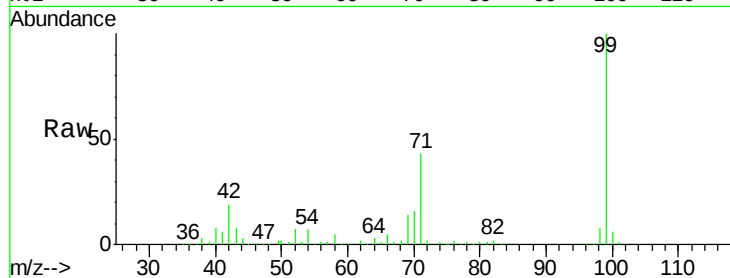
Tgt Ion: 99 Resp: 270515

Ion Ratio Lower Upper

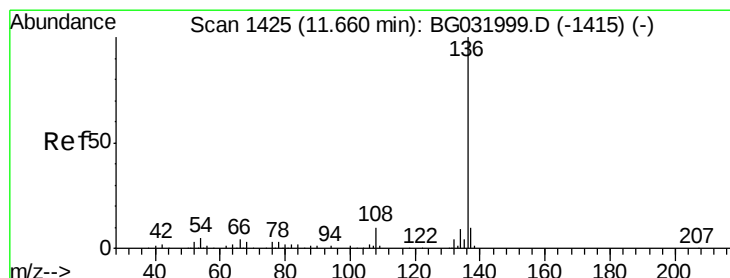
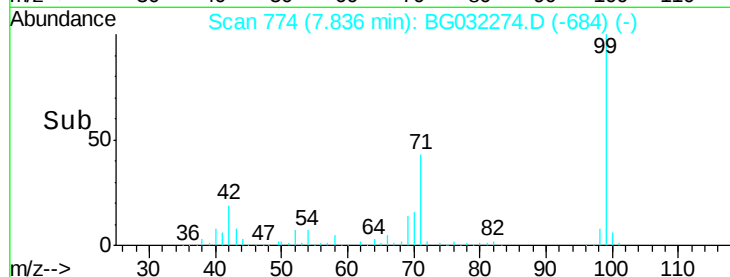
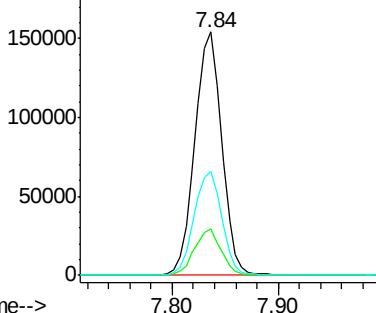
99 100

42 19.1 14.1 21.1

71 43.0 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032274.D

Acq: 24 Jan 2018 23:26

Tgt Ion: 136 Resp: 151271

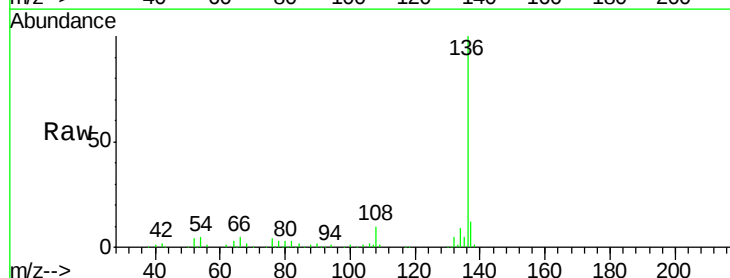
Ion Ratio Lower Upper

136 100

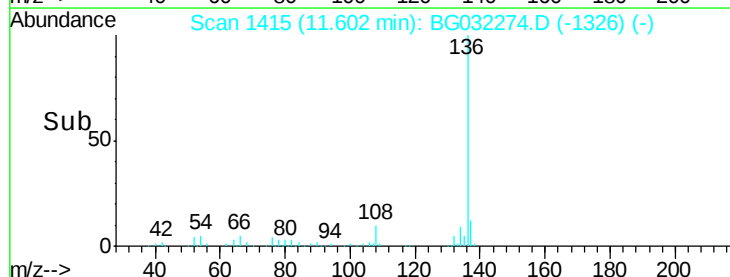
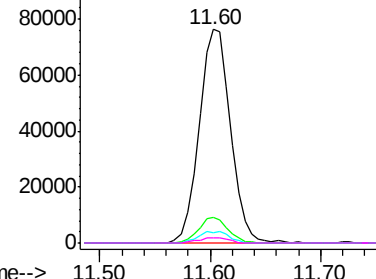
137 11.9 9.2 13.8

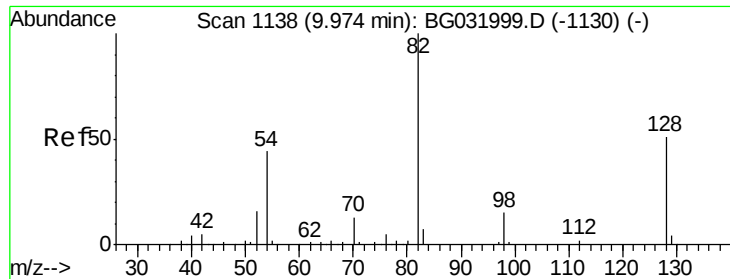
54 4.8 10.3 15.5#

68 2.4 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

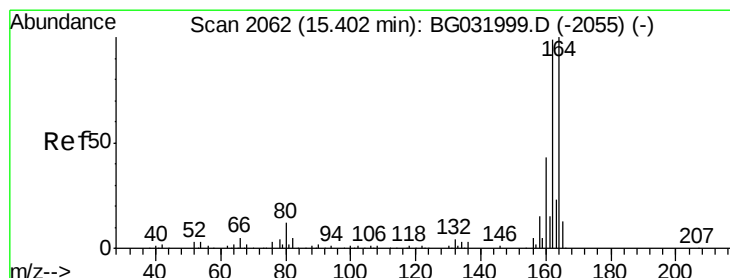
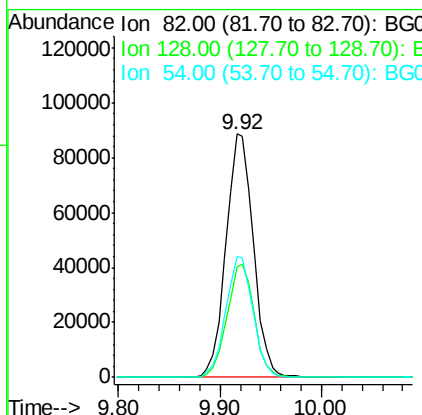
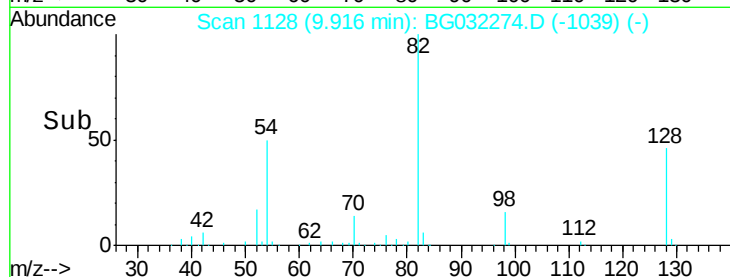
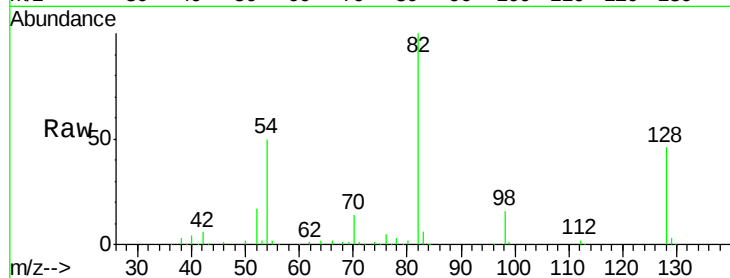




#23
 Nitrobenzene-d5
 Concen: 74.125 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032274.D
 Acq: 24 Jan 2018 23:26

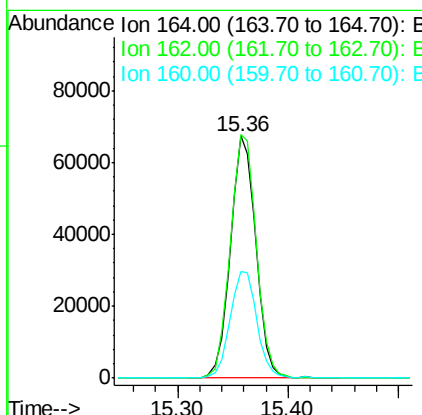
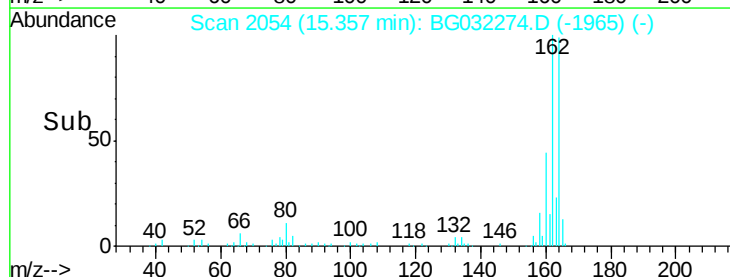
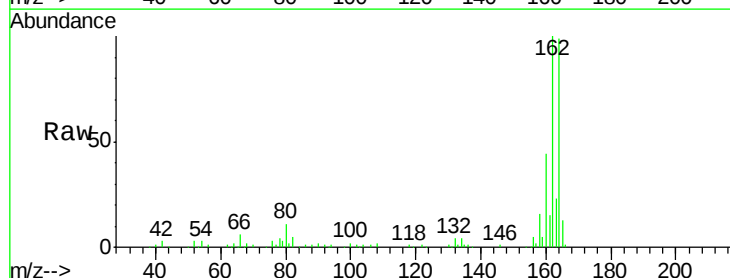
Instrument :
 BNA_G
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 PB105928TB

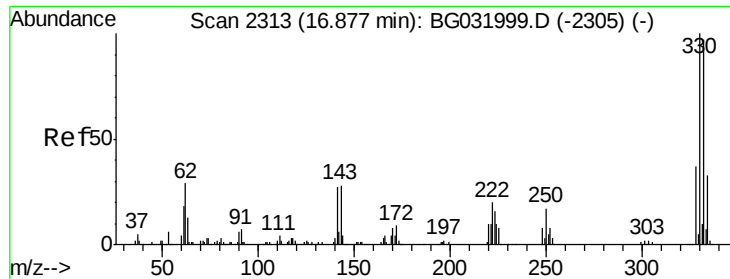
Tgt Ion: 82 Resp: 165740
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 49.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032274.D
 Acq: 24 Jan 2018 23:26

Tgt Ion: 164 Resp: 108489
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 44.1 35.4 53.0

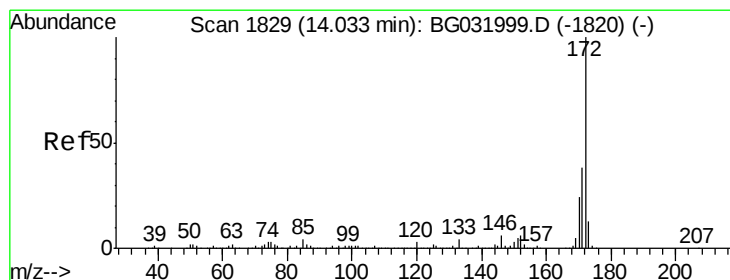
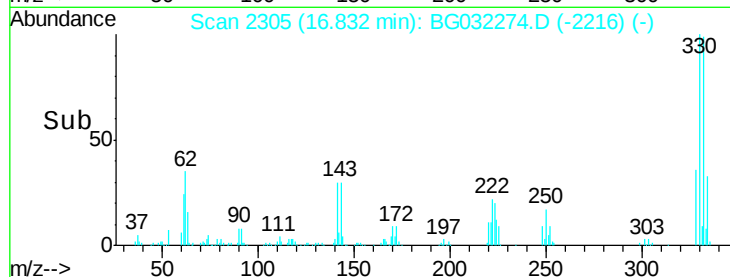
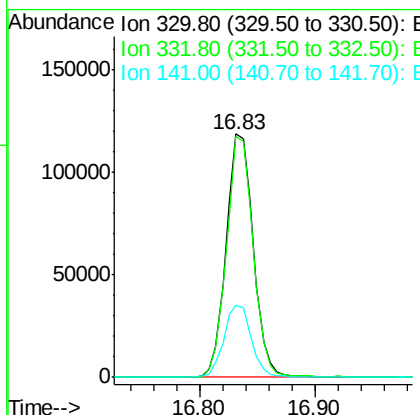
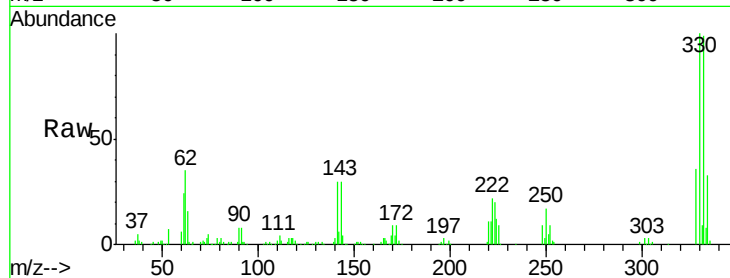




#41
 2,4,6-Tribromophenol
 Concen: 107.831 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032274.D
 Acq: 24 Jan 2018 23:26

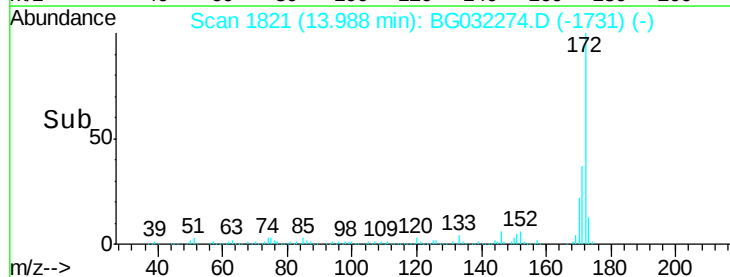
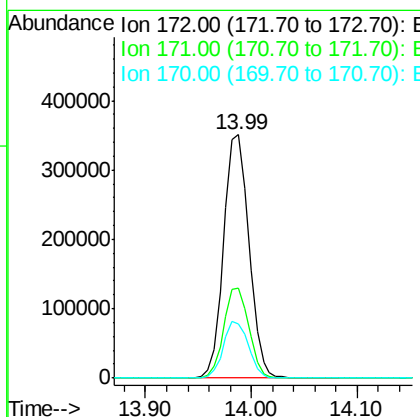
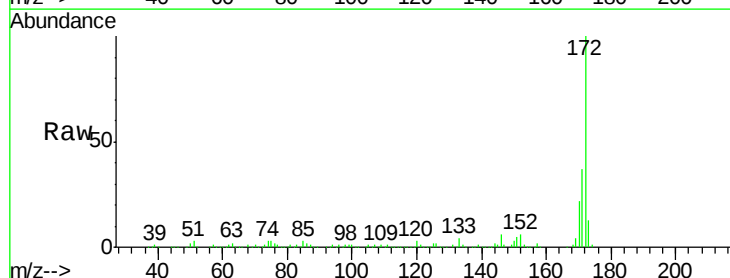
Instrument :
 BNA_G
 ClientSampleId :
 PB105928TB

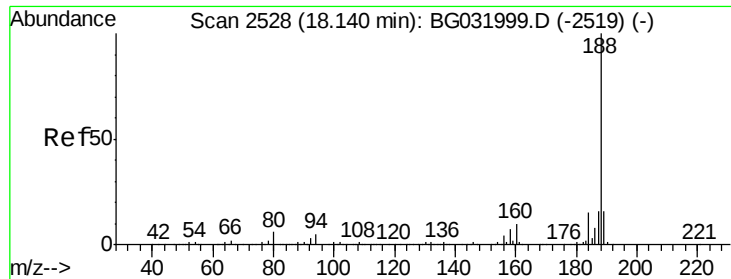
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 66.684 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032274.D
 Acq: 24 Jan 2018 23:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.4	19.5	29.3

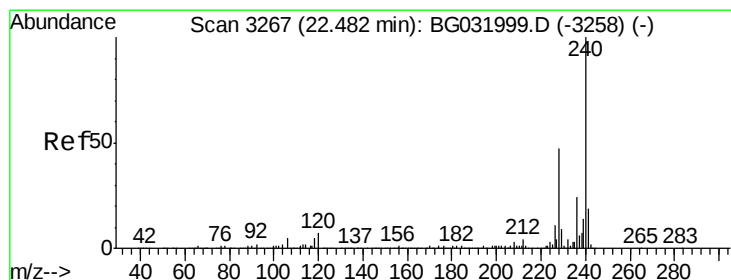
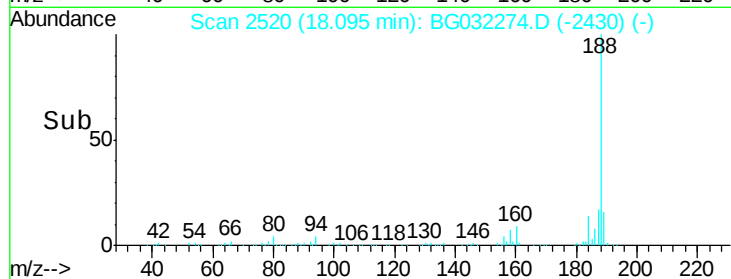
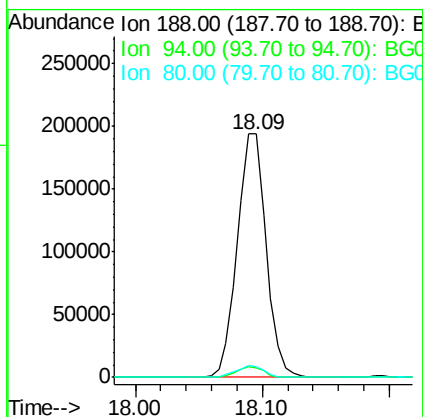
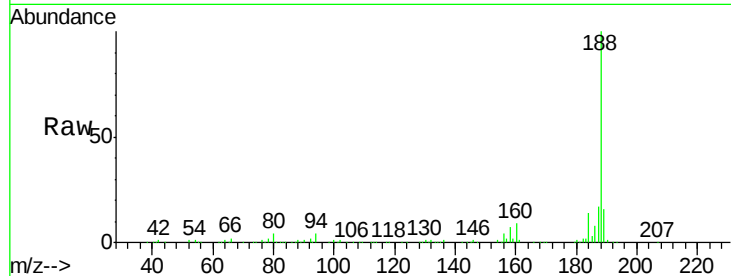




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG032274.D
Acq: 24 Jan 2018 23:26

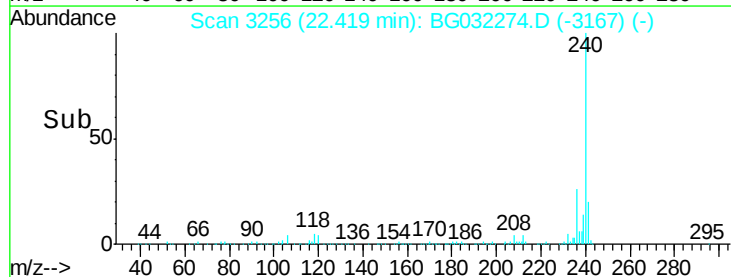
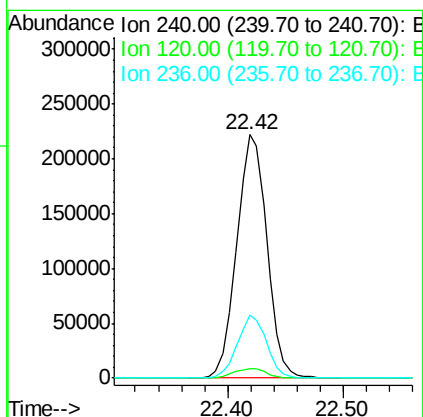
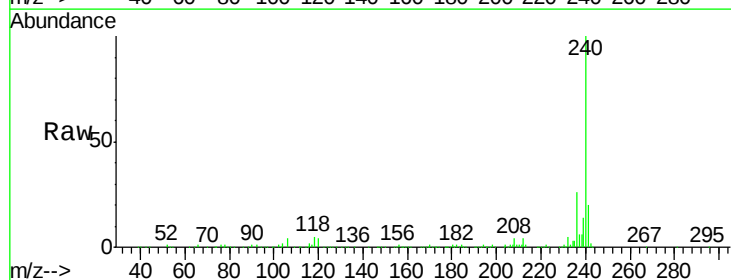
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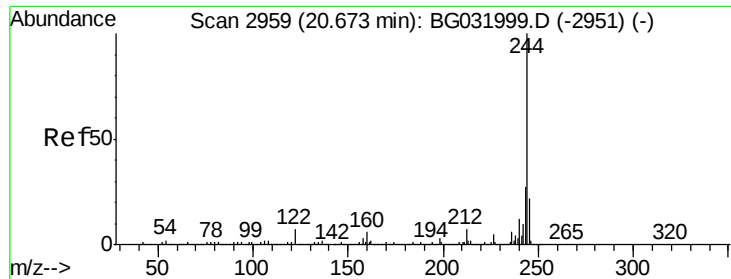
Tgt Ion:188 Resp: 305551
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032274.D
Acq: 24 Jan 2018 23:26

Tgt Ion:240 Resp: 402006
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 71.490 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032274.D

Acq: 24 Jan 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB105928TB

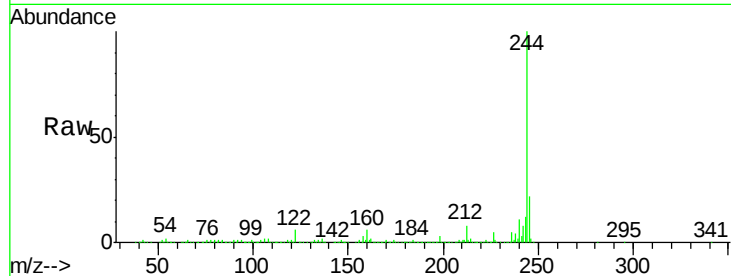
Tgt Ion:244 Resp: 1301579

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

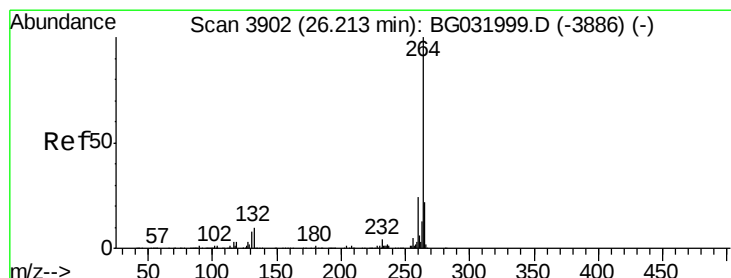
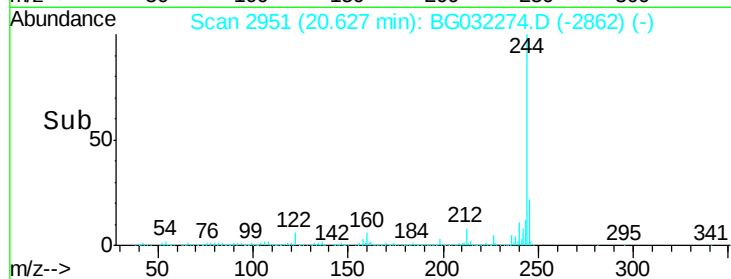
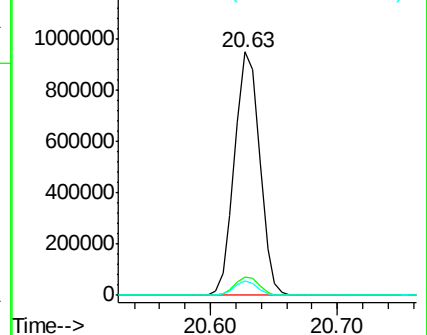
122 5.7 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032274.D

Acq: 24 Jan 2018 23:26

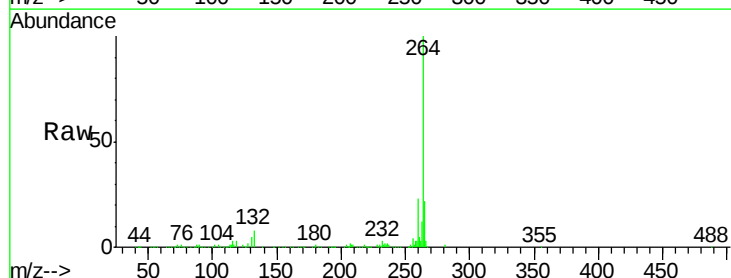
Tgt Ion:264 Resp: 411816

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.9 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

