

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033216.D
 Acq On : 17 Mar 2018 3:45
 Operator : SJ/JU
 Sample : J1926-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-RBR200032

Quant Time: Mar 17 06:03:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	32481	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	129083	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	96412	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	293144	20.00	ng	0.00
75) Chrysene-d12	22.60	240	309659	20.00	ng	0.00
86) Perylene-d12	26.40	264	332632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	293253	144.44	ng	0.00
7) Phenol-d6	8.00	99	406828	143.76	ng	-0.01
23) Nitrobenzene-d5	10.10	82	309144	156.73	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	265741	262.14	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	713180	106.69	ng	0.00
78) Terphenyl-d14	20.76	244	1604583	116.42	ng	0.00

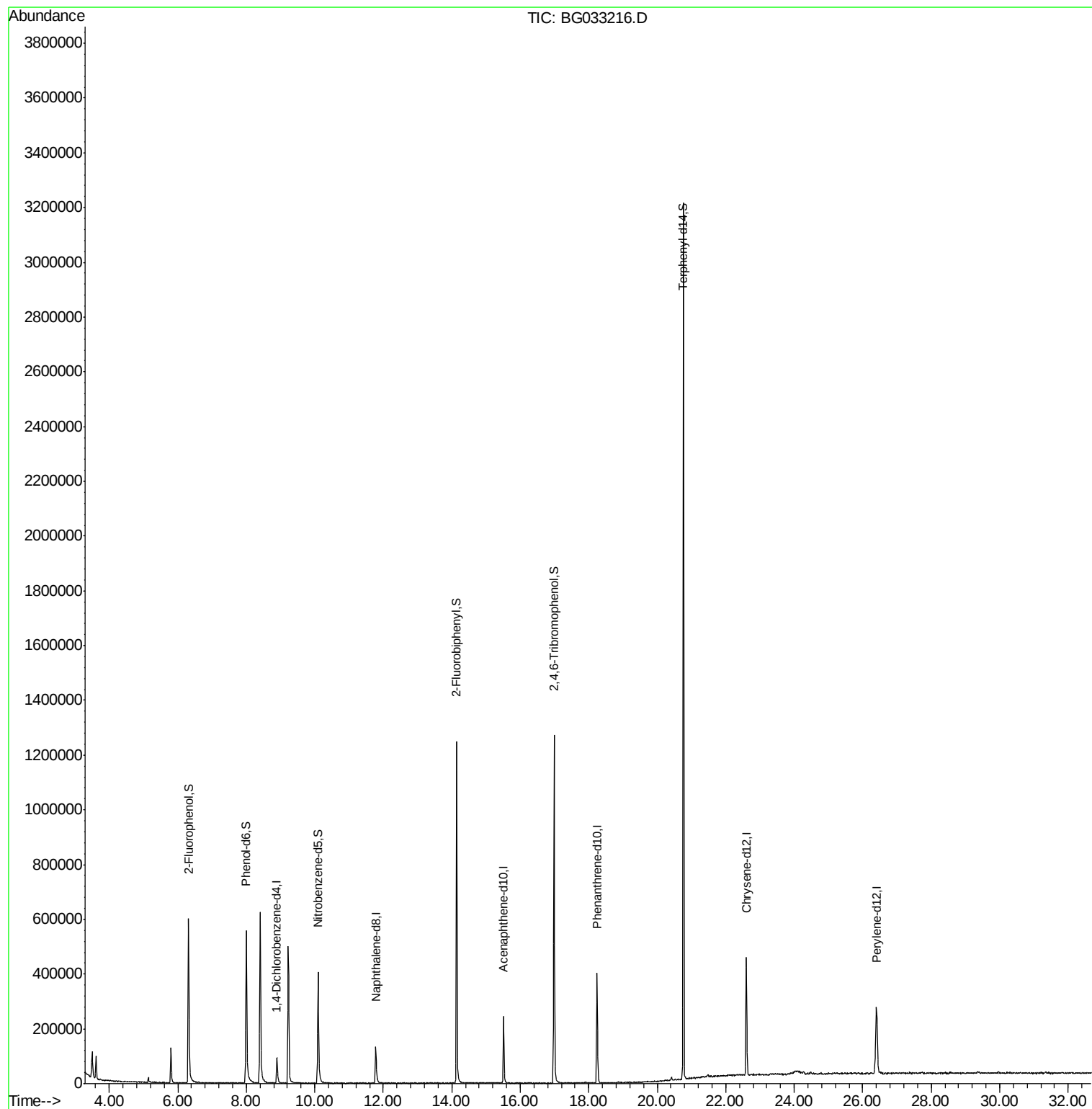
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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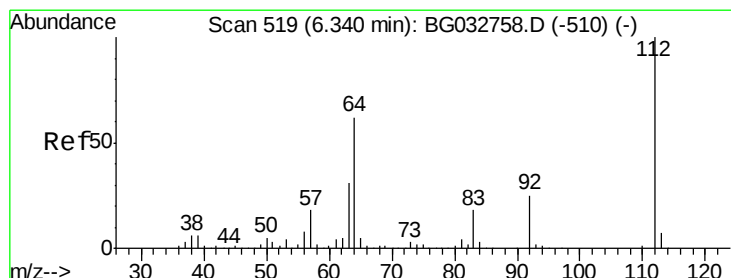
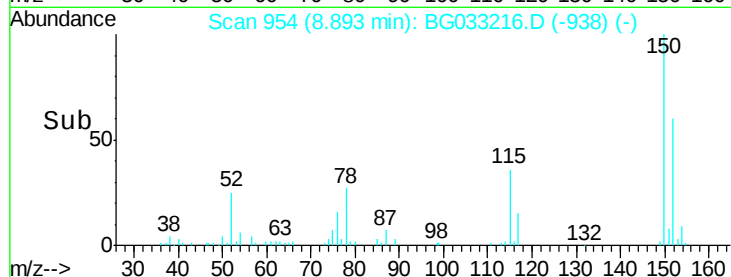
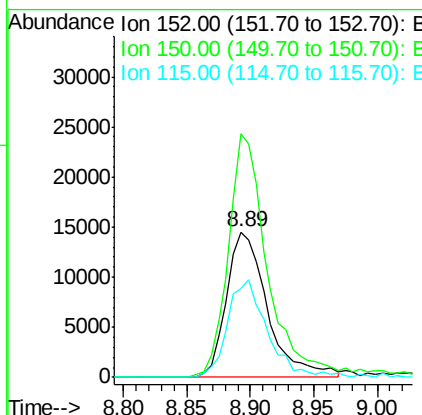
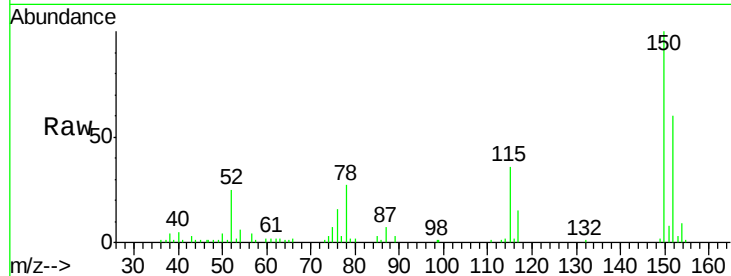


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033216.D
Acq: 17 Mar 2018 3:45

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200032

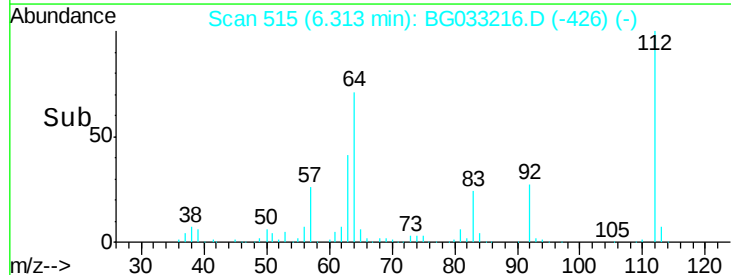
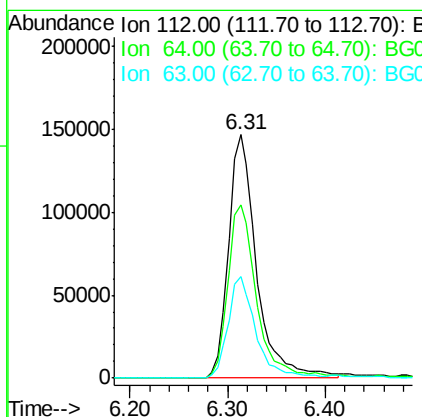
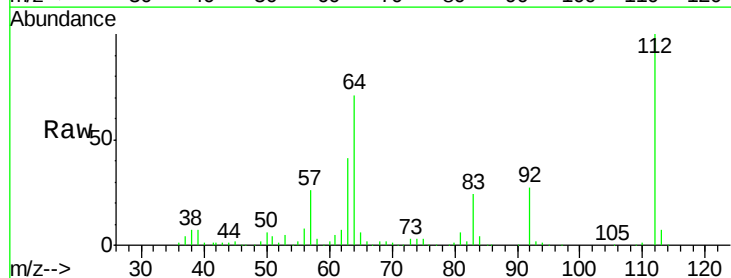
Tot Ion:152 Resp: 32481
Ion Ratio Lower Upper
152 100
150 167.3 126.6 189.8
115 60.8 53.0 79.4



#5

2-Fluorophenol
Concen: 144.442 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033216.D
Acq: 17 Mar 2018 3:45

Tgt Ion:112 Resp: 293253
Ion Ratio Lower Upper
112 100
64 71.1 56.3 84.5
63 41.5 30.1 45.1





#7

Phenol-d6

Concen: 143.761 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200032

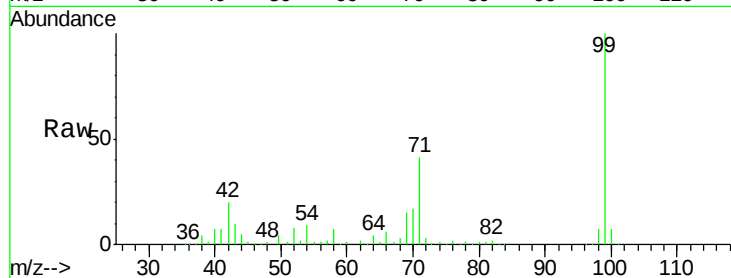
Tot Ion: 99 Resp: 406828

Ion Ratio Lower Upper

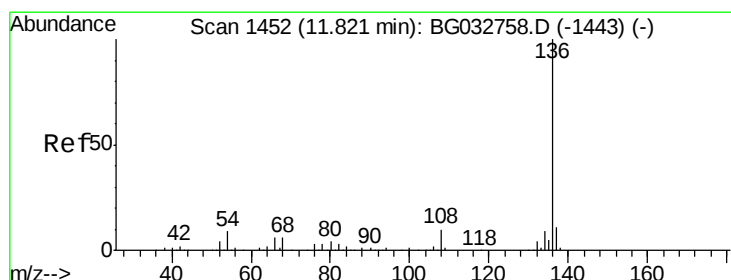
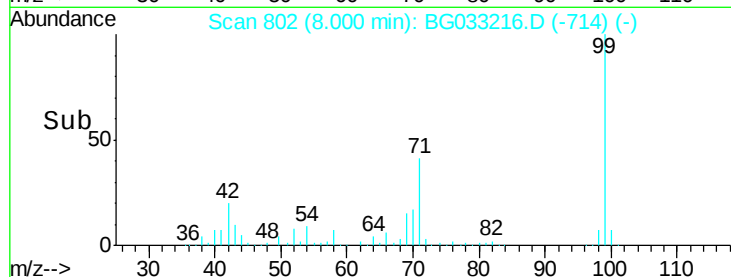
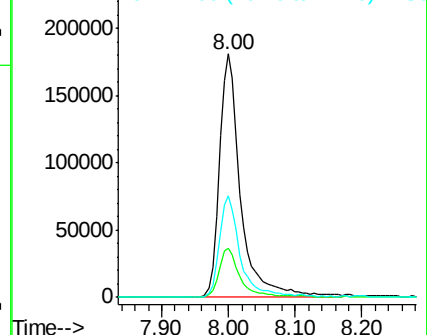
99 100

42 20.2 14.1 21.1

71 41.5 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

Tgt Ion: 136 Resp: 129083

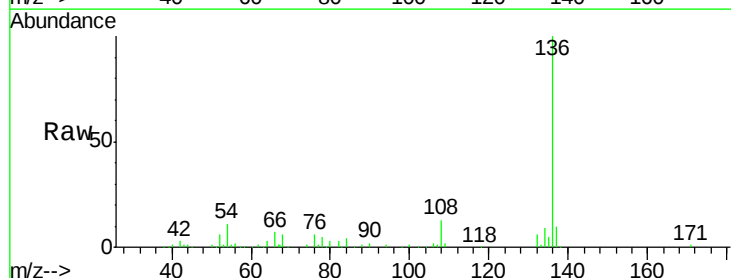
Ion Ratio Lower Upper

136 100

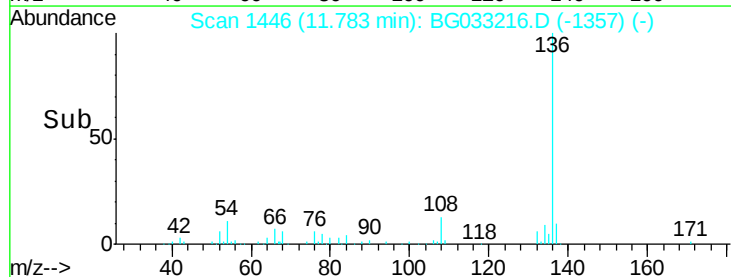
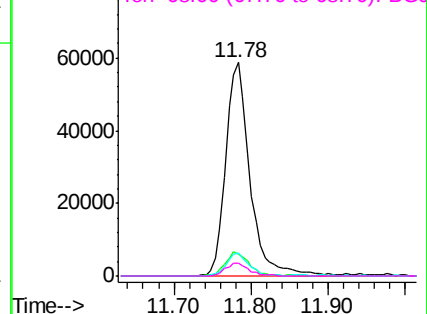
137 10.3 9.2 13.8

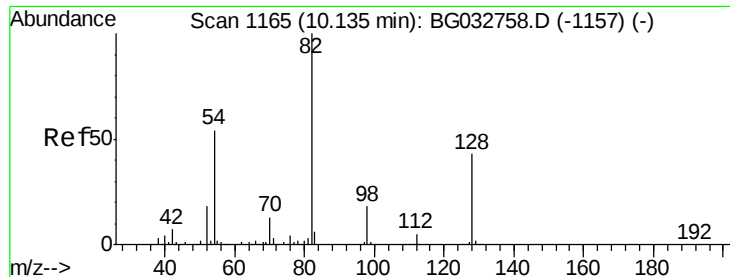
54 11.1 10.3 15.5

68 6.1 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

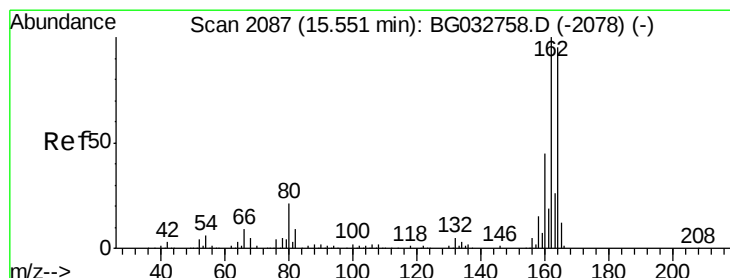
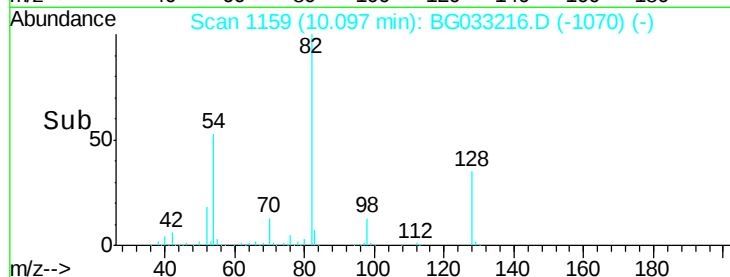
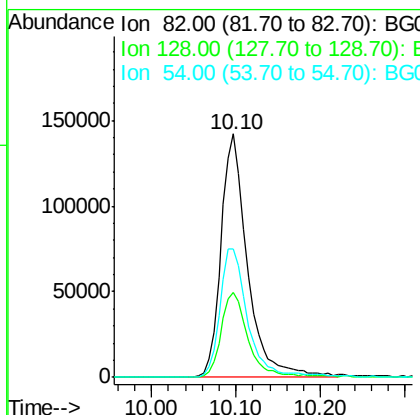
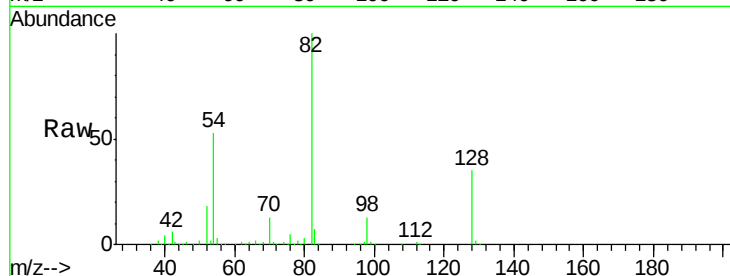




#23
 Nitrobenzene-d5
 Concen: 156.727 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033216.D
 Acq: 17 Mar 2018 3:45

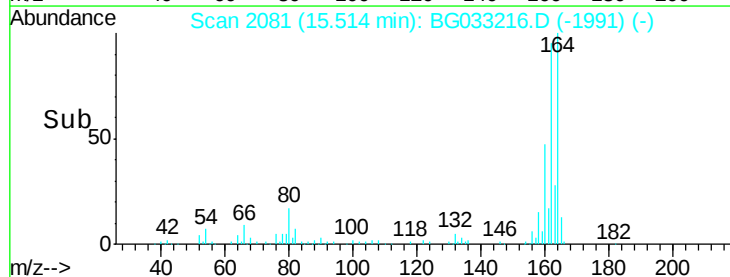
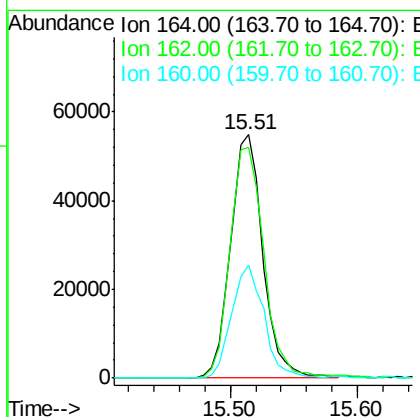
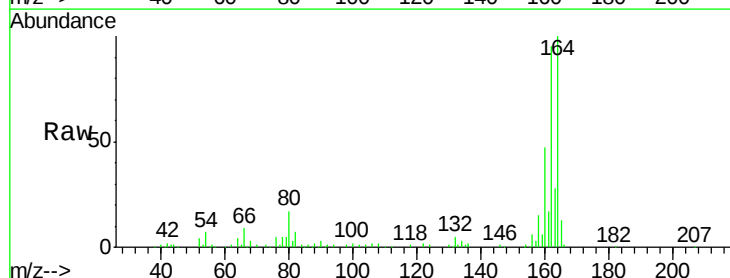
Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-RBR200032

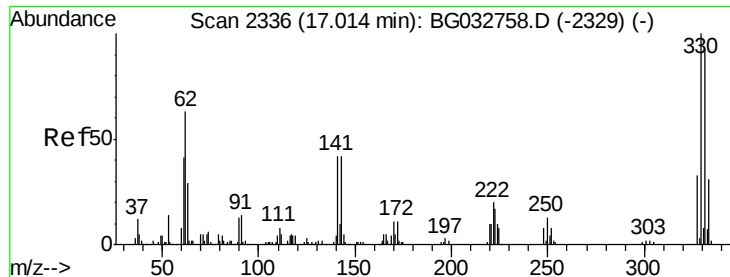
Tot Ion	82	Resp	309144
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	52.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG033216.D
 Acq: 17 Mar 2018 3:45

Tgt Ion	164	Resp	96412
Ion Ratio	Lower	Upper	
164	100		
162	95.0	78.8	118.2
160	46.7	35.4	53.0

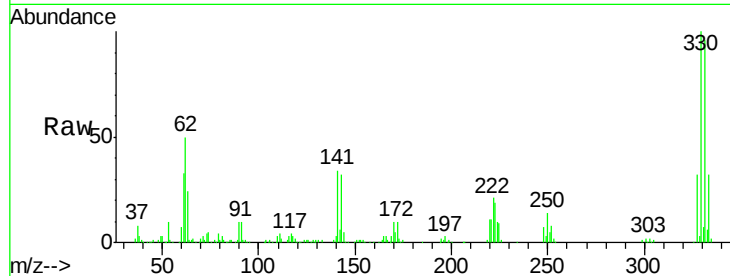




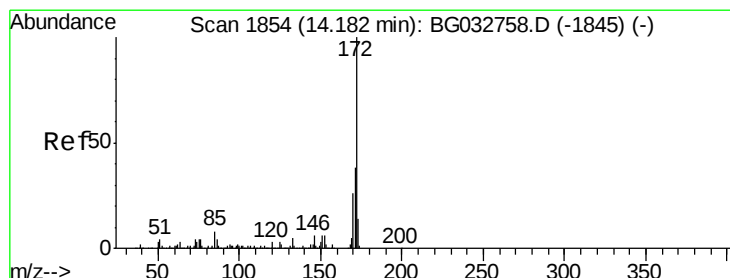
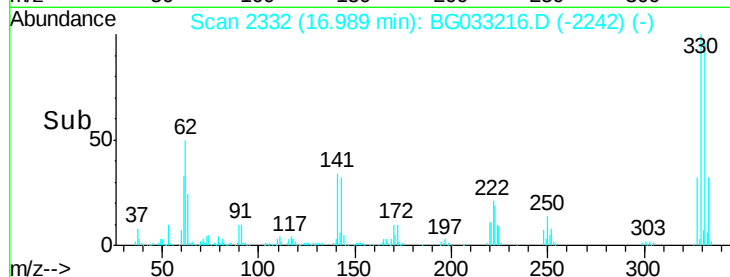
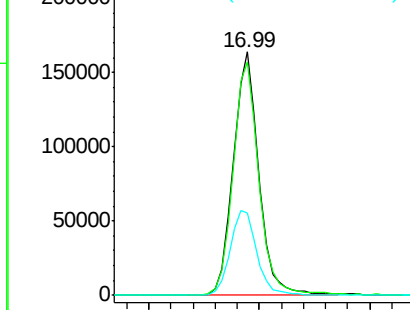
#41
 2,4,6-Tribromophenol
 Concen: 262.139 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033216.D
 Acq: 17 Mar 2018 3:45

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-RBR200032

Tot Ion:330 Resp: 265741
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 36.5 25.2 37.8

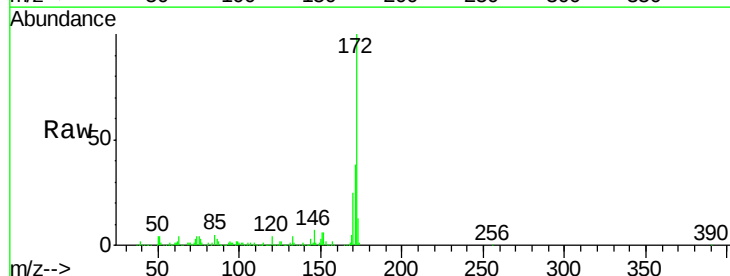


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

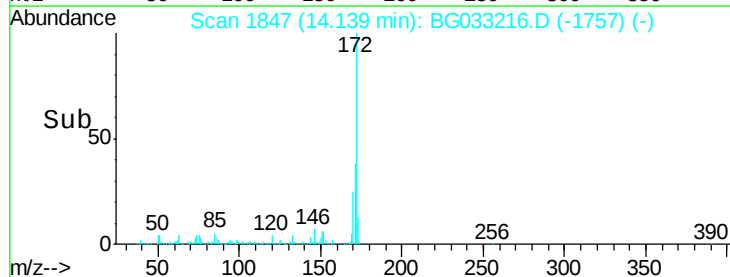
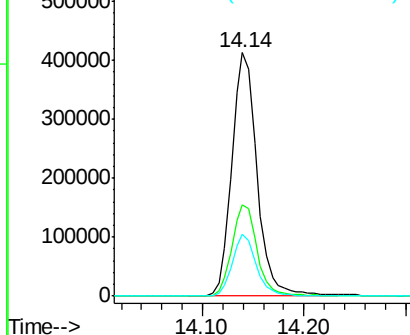


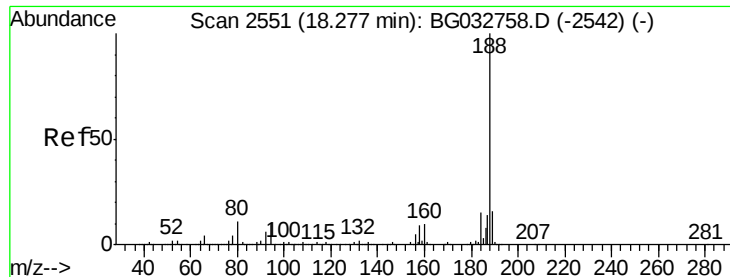
#44
 2-Fluorobiphenyl
 Concen: 106.686 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033216.D
 Acq: 17 Mar 2018 3:45

Tgt Ion:172 Resp: 713180
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 25.3 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: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200032

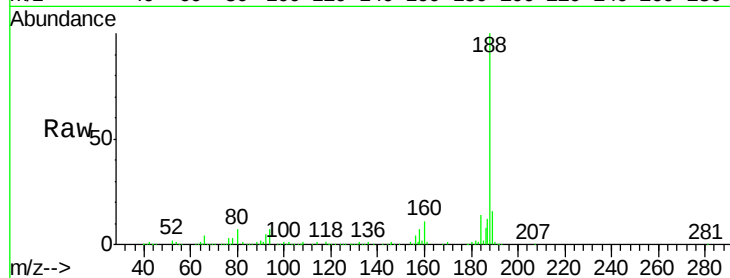
Tot Ion:188 Resp: 293144

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

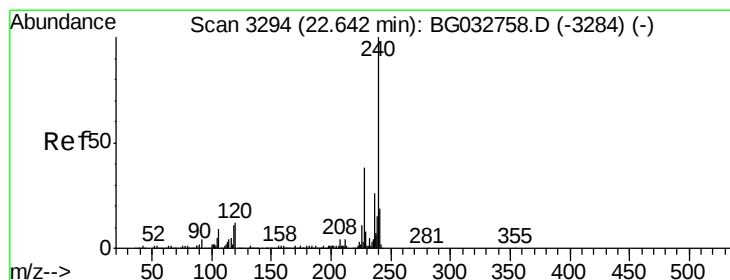
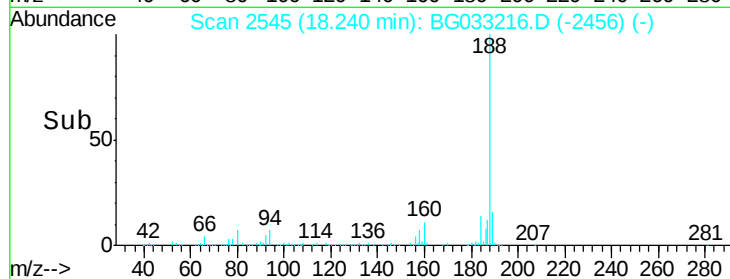
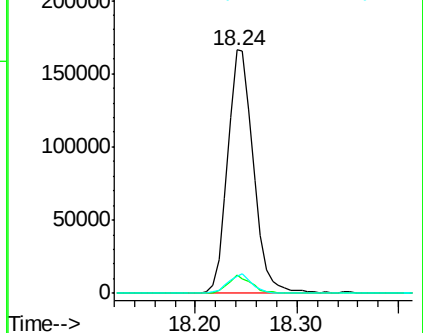
80 7.2 7.7 11.5#



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: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

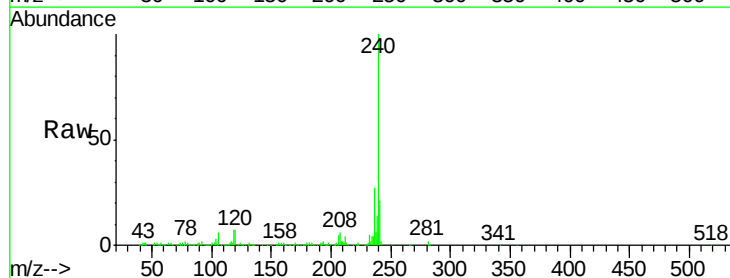
Tgt Ion:240 Resp: 309659

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

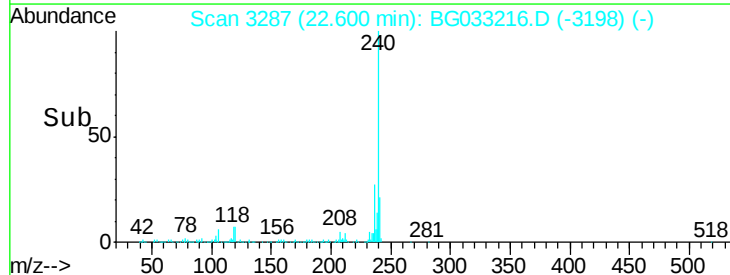
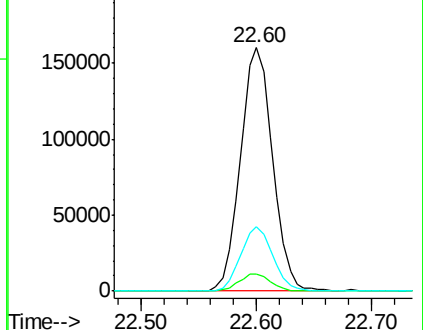
236 26.5 20.9 31.3

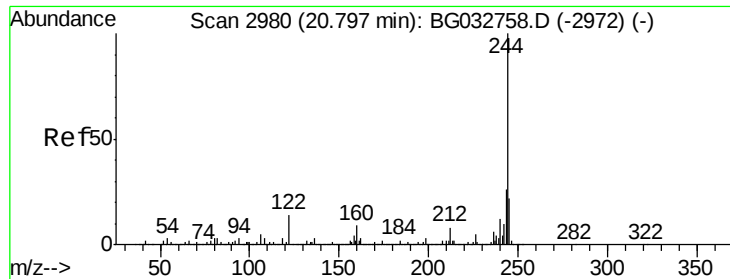


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 116.420 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

Instrument :

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ClientSampleId :

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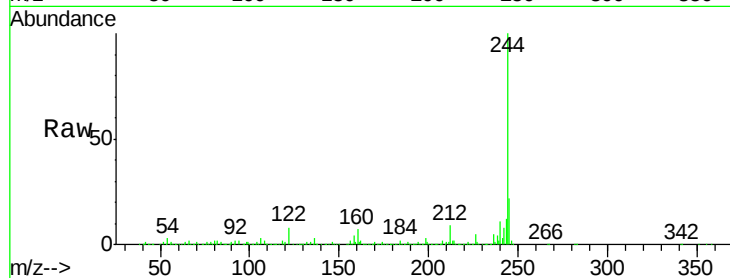
Tot Ion:244 Resp: 1604583

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

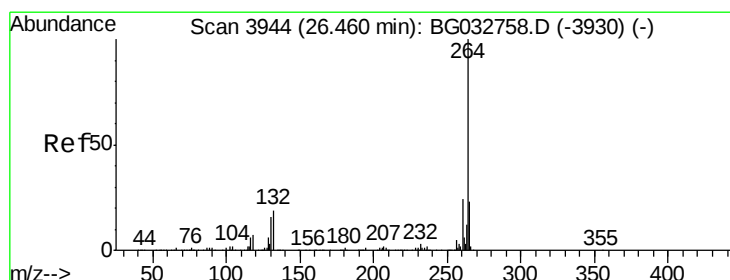
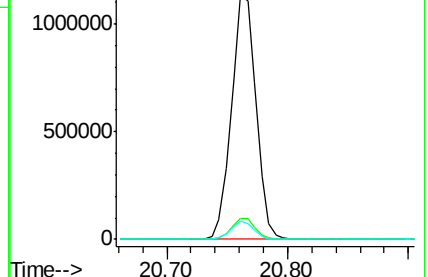
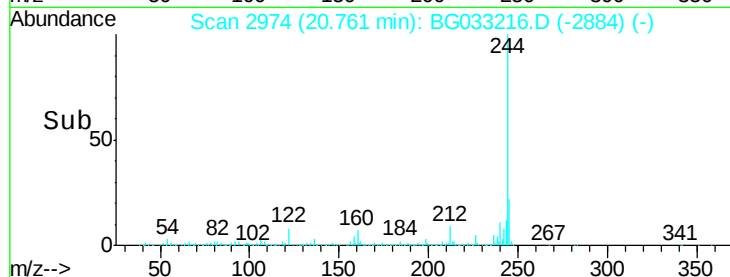
122 7.5 7.0 10.4



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: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033216.D

Acq: 17 Mar 2018 3:45

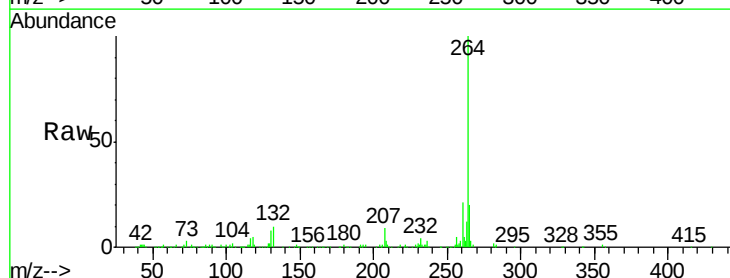
Tgt Ion:264 Resp: 332632

Ion Ratio Lower Upper

264 100

260 20.8 17.4 26.0

265 20.2 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

