

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032485.D
 Acq On : 1 Feb 2018 4:40
 Operator : SJ/JU
 Sample : J1384-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-2

Quant Time: Feb 01 06:04:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

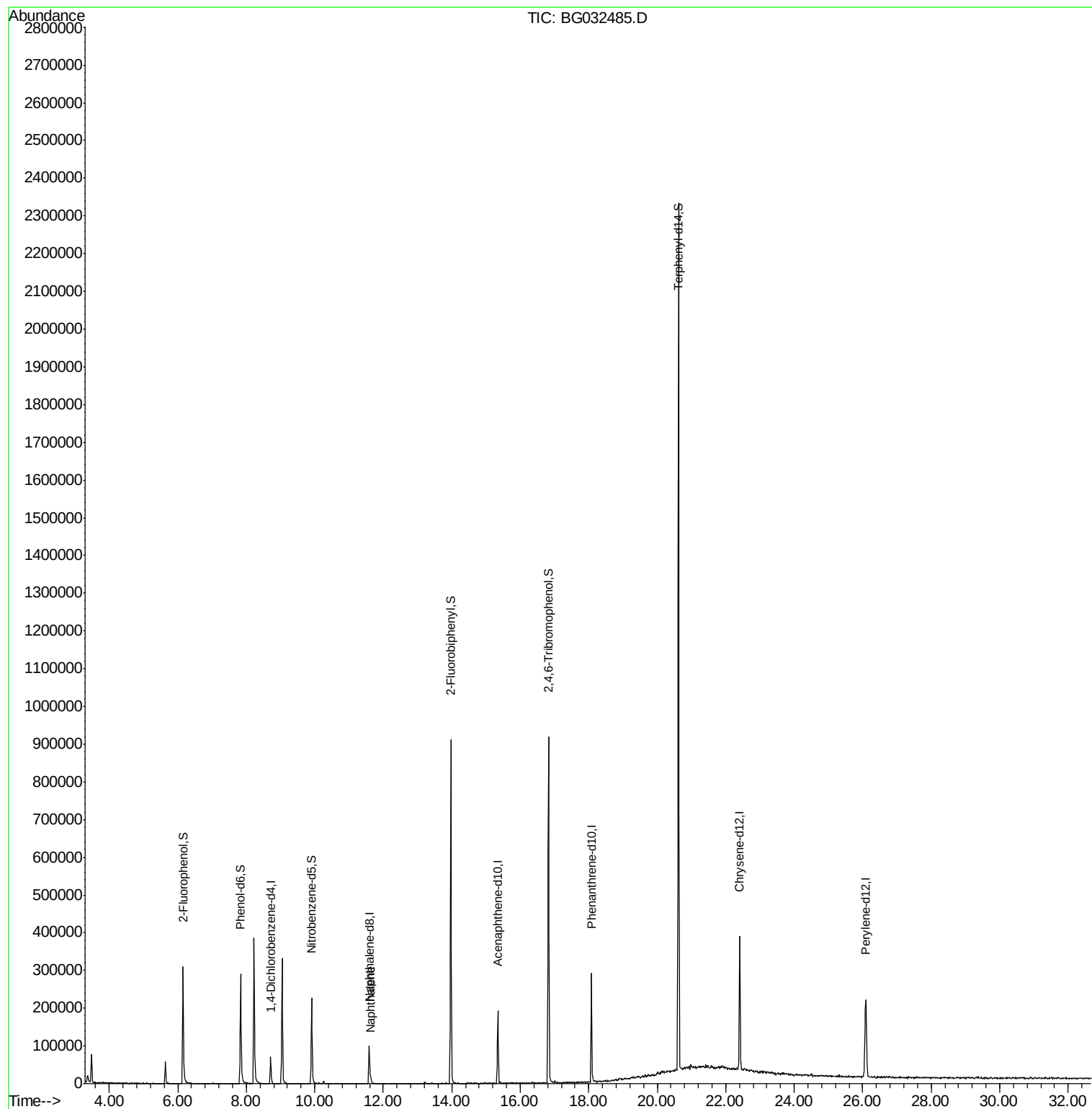
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25449	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	104469	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74179	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	202788	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	267572	20.00	ng	-0.01
86) Perylene-d12	26.08	264	292564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	173932	137.28	ng	0.00
7) Phenol-d6	7.84	99	195277	115.50	ng	0.00
23) Nitrobenzene-d5	9.91	82	152897	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	224208	158.79	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	559831	89.70	ng	-0.01
78) Terphenyl-d14	20.62	244	1218066	97.51	ng	0.00
Target Compounds						
31) Naphthalene	11.64	128	17106	3.353	ng	Qvalue # 95

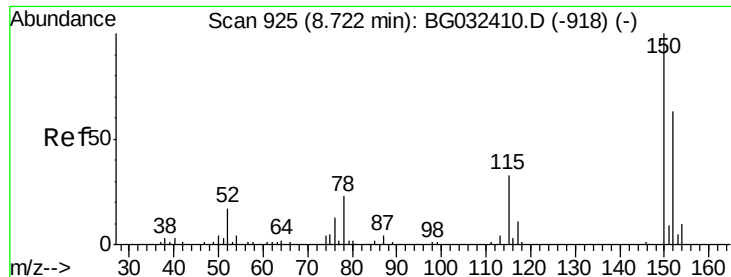
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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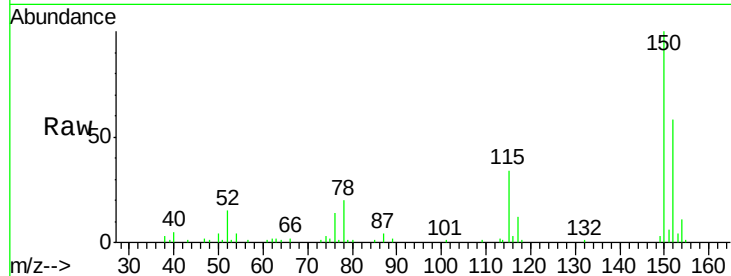


#1

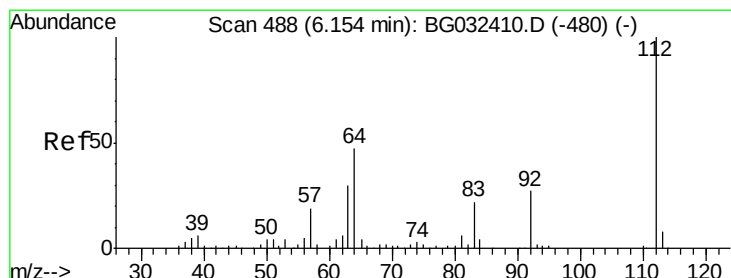
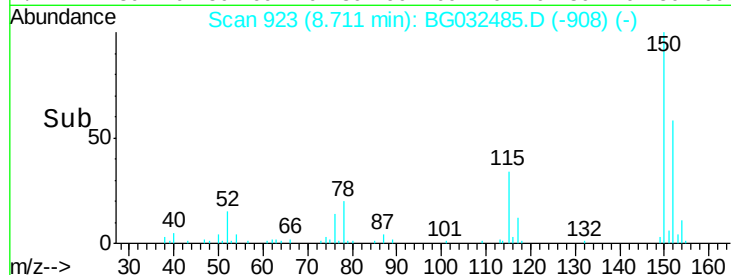
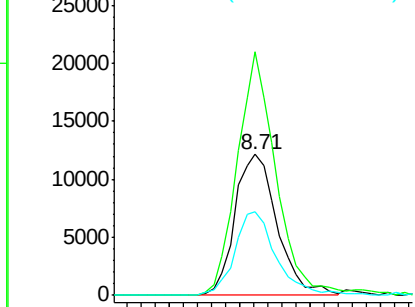
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-2

Tot Ion:152 Resp: 25449
Ion Ratio Lower Upper
152 100
150 172.5 126.6 189.8
115 59.1 53.0 79.4



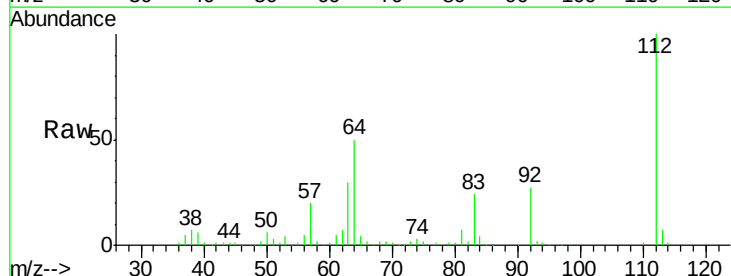
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



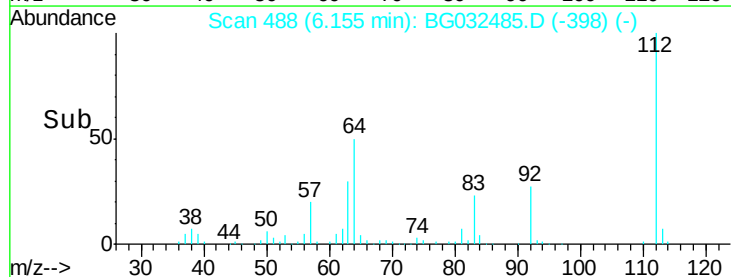
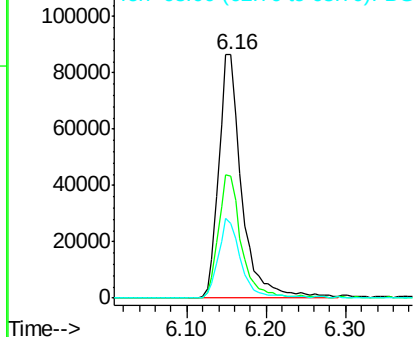
#5

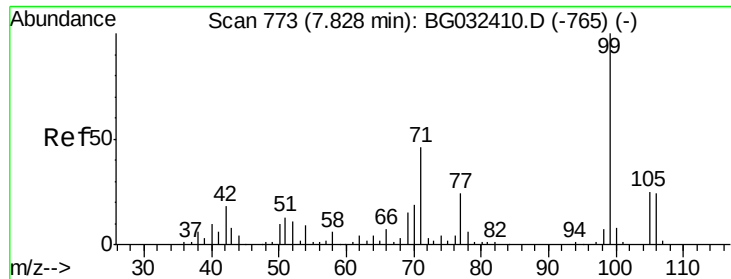
2-Fluorophenol
Concen: 137.275 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:112 Resp: 173932
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 30.5 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: 115.498 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-2

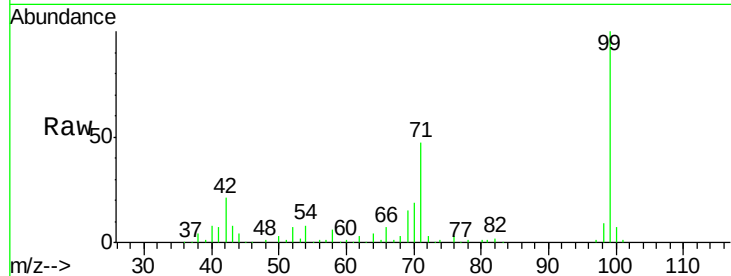
Tot Ion: 99 Resp: 195277

Ion Ratio Lower Upper

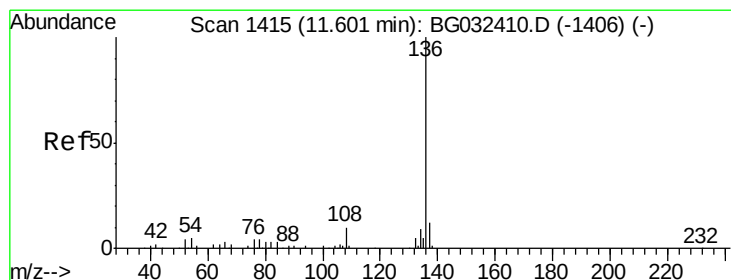
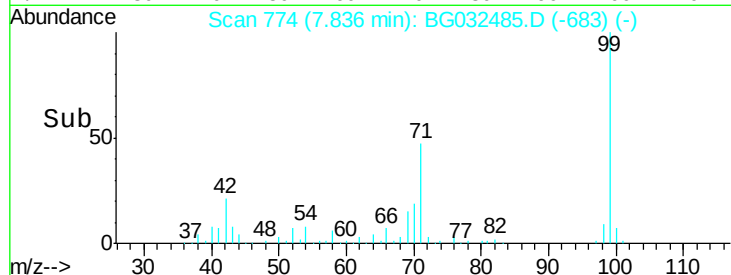
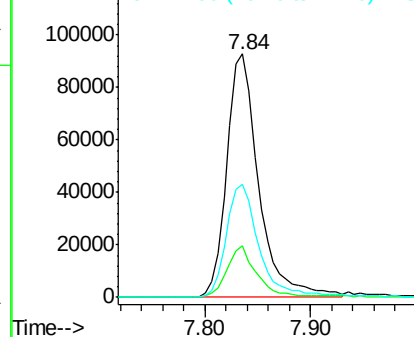
99 100

42 21.1 14.1 21.1#

71 46.7 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

Tgt Ion: 136 Resp: 104469

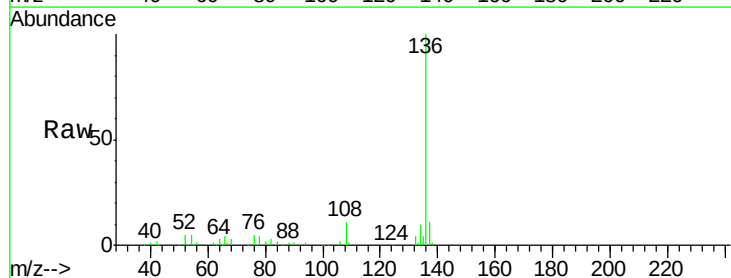
Ion Ratio Lower Upper

136 100

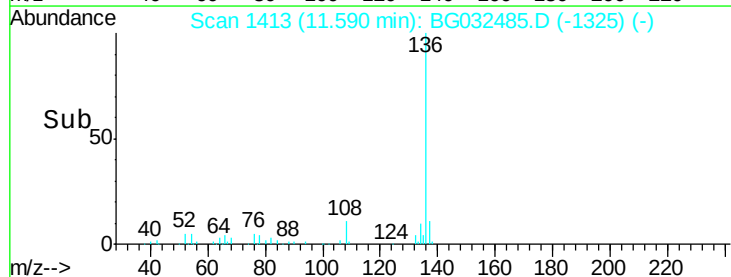
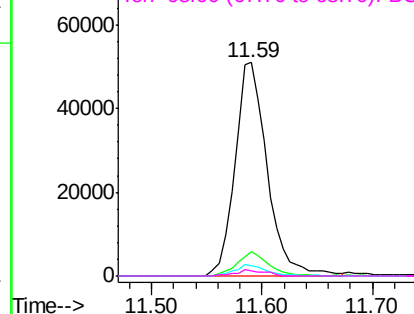
137 11.2 9.2 13.8

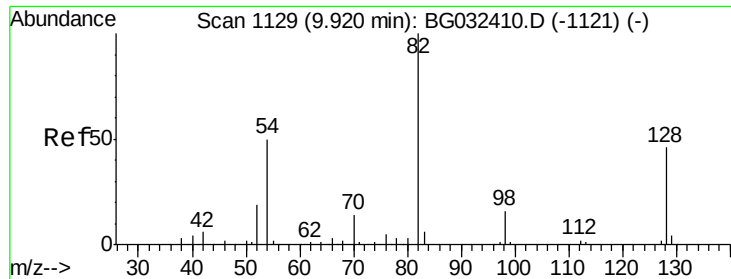
54 4.9 10.3 15.5#

68 2.6 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

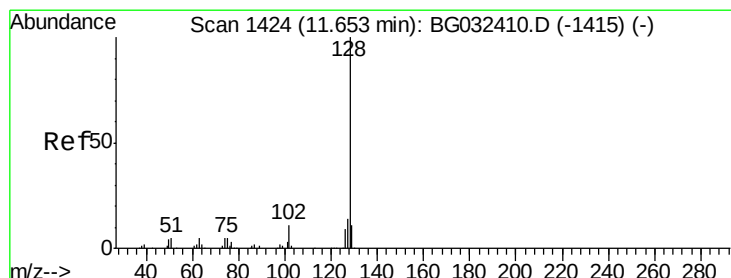
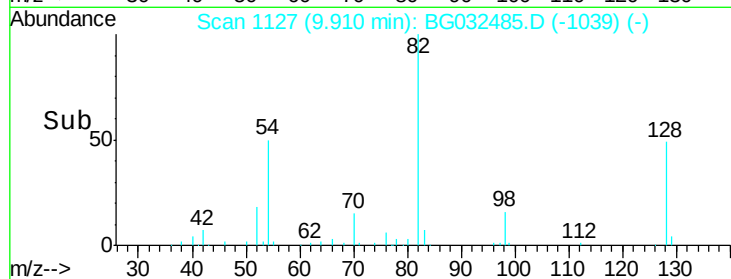
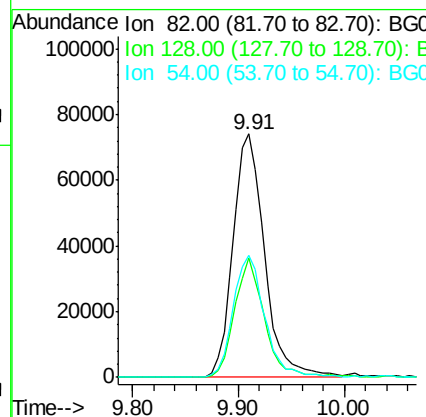
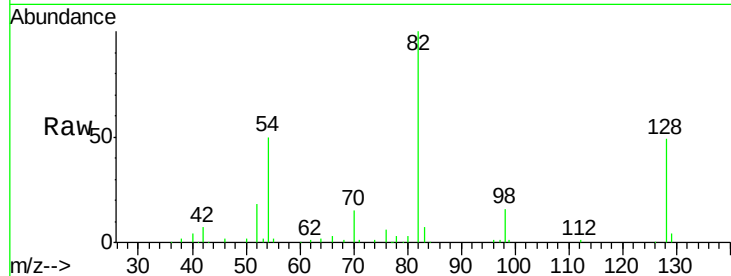




#23
Nitrobenzene-d5
Concen: 91.415 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

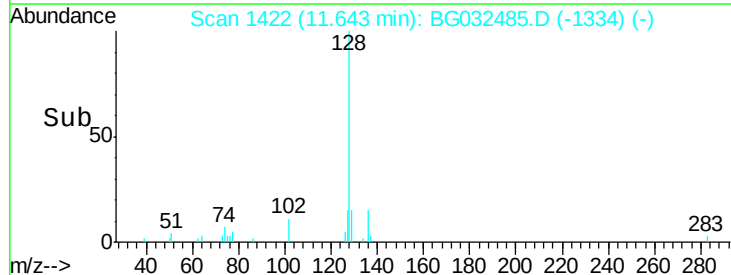
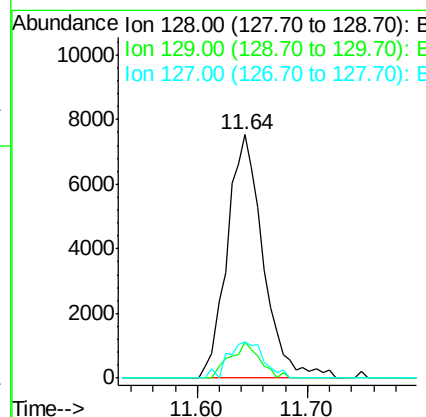
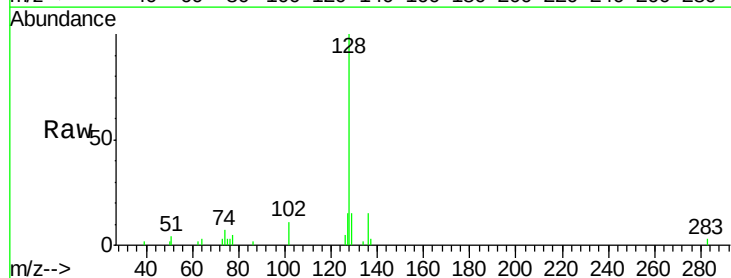
Instrument :
BNA_G
ClientSampleId :
OILY-STONES-2

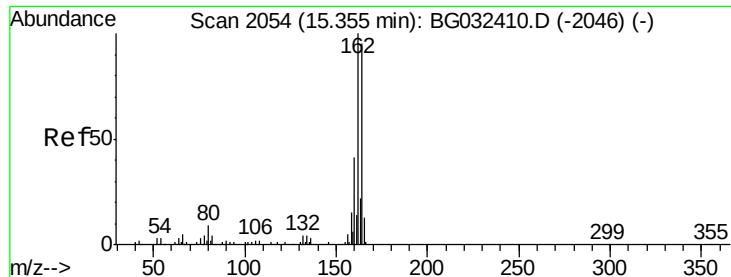
Tot Ion: 82 Resp: 152897
Ion Ratio Lower Upper
82 100
128 48.9 29.7 44.5#
54 50.2 43.1 64.7



#31
Naphthalene
Concen: 3.353 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion: 128 Resp: 17106
Ion Ratio Lower Upper
128 100
129 15.0 8.6 12.8#
127 14.9 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-2

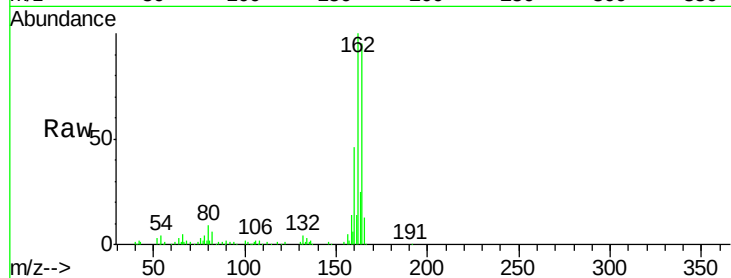
Tot Ion:164 Resp: 74179

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

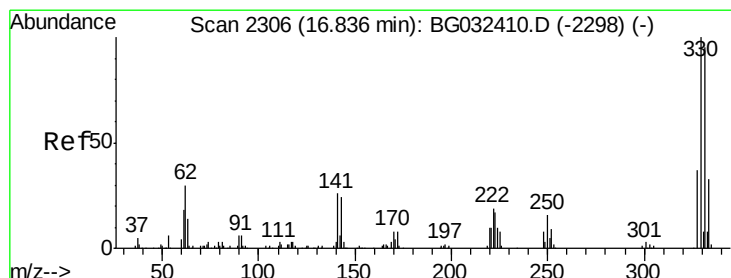
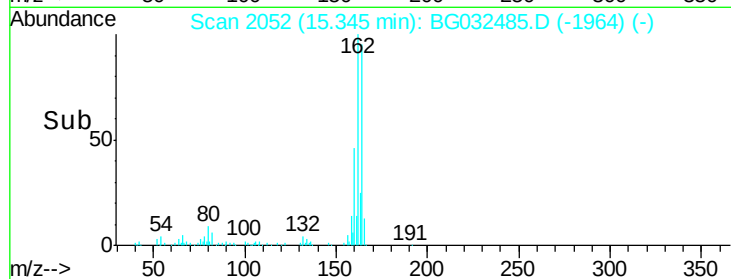
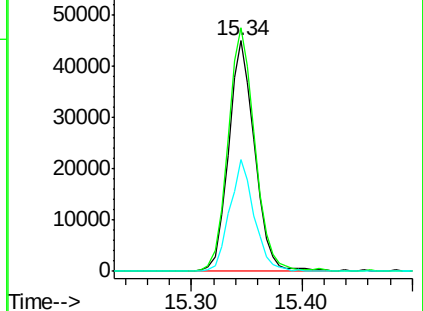
160 48.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.788 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

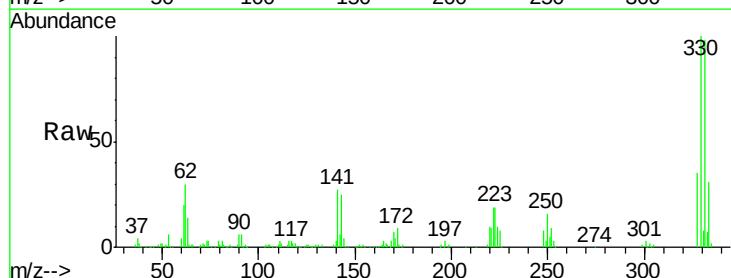
Tgt Ion:330 Resp: 224208

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

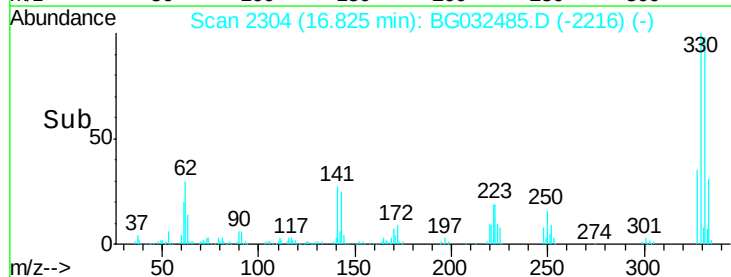
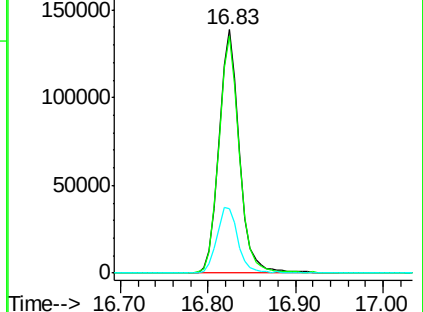
141 28.1 25.2 37.8

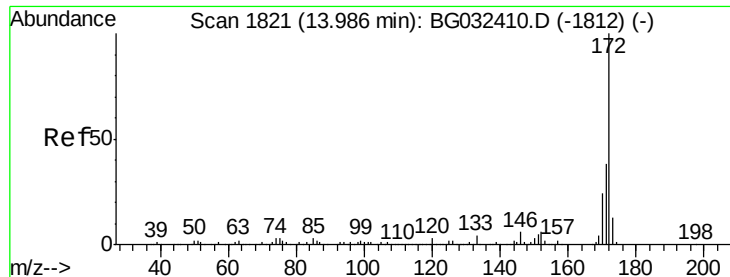


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

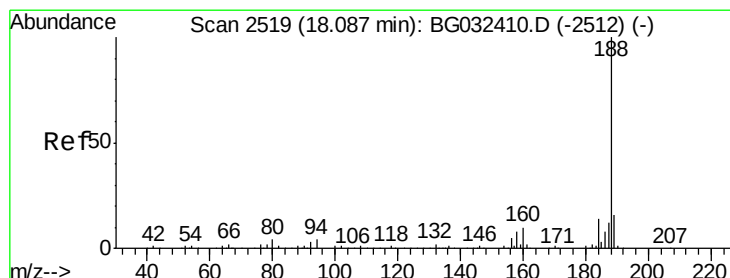
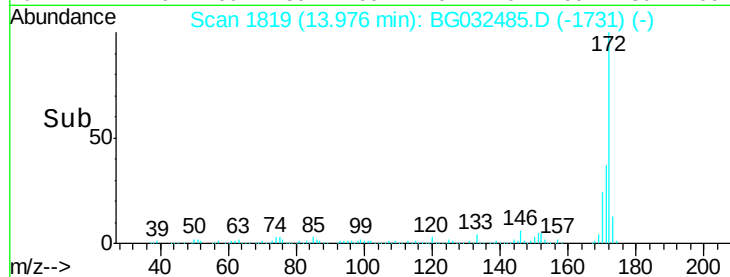
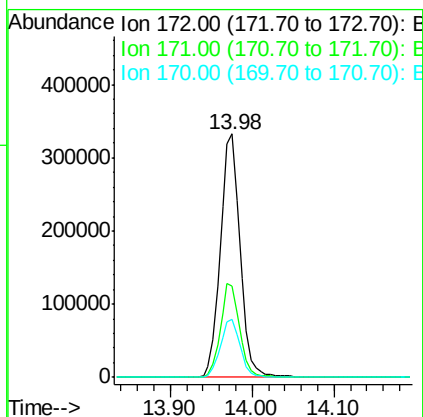
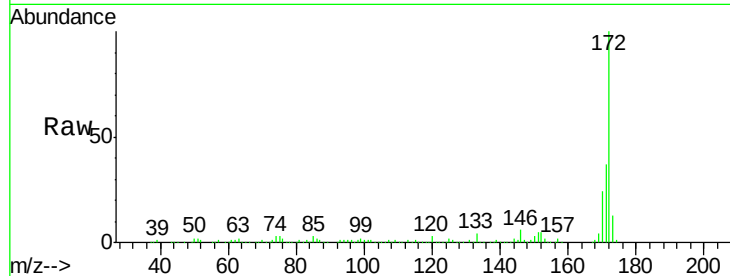




#44
2-Fluorobiphenyl
Concen: 89.701 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

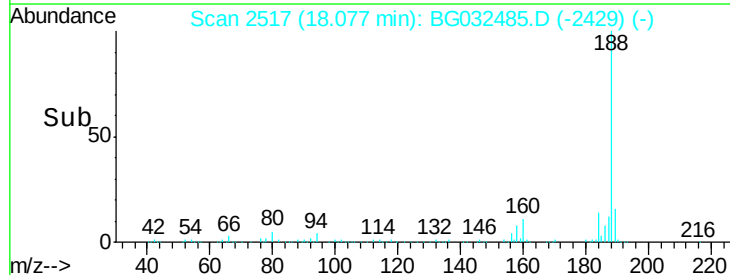
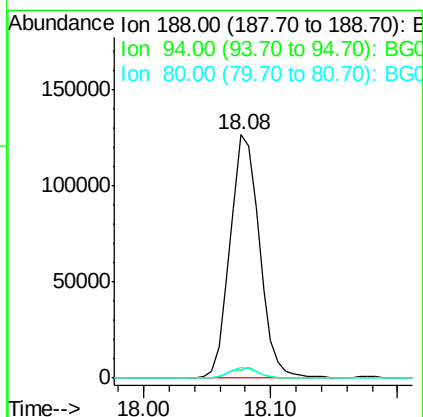
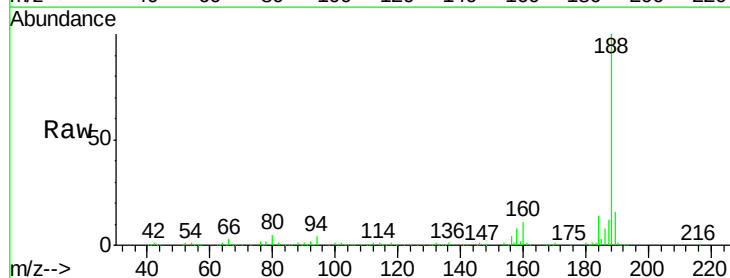
Instrument :
BNA_G
ClientSampleId :
OILY-STONES-2

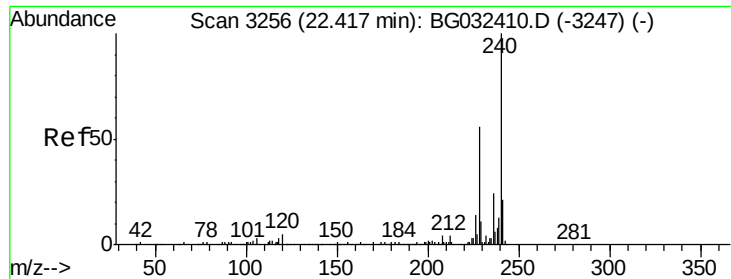
Tot Ion:172 Resp: 559831
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.7 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:188 Resp: 202788
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-2

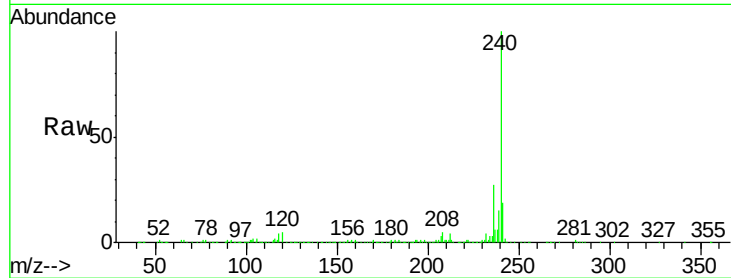
Tot Ion:240 Resp: 267572

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

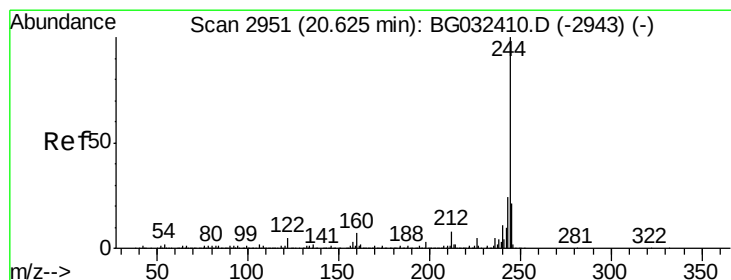
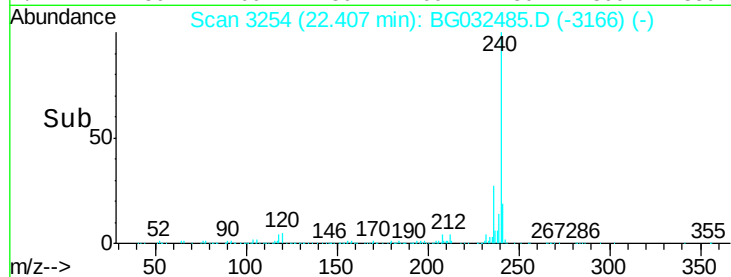
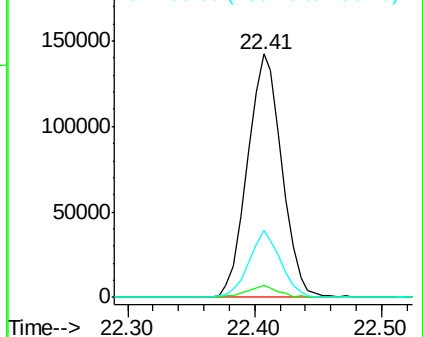
236 27.3 20.9 31.3



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: 97.514 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032485.D

Acq: 1 Feb 2018 4:40

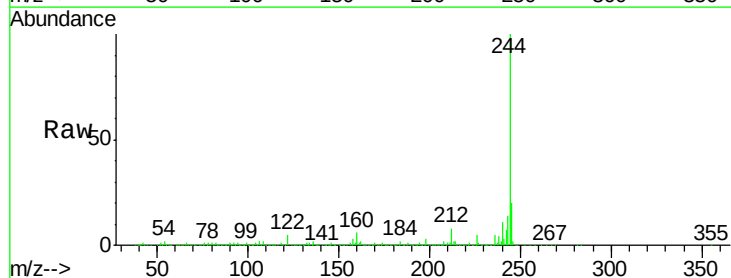
Tgt Ion:244 Resp: 1218066

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

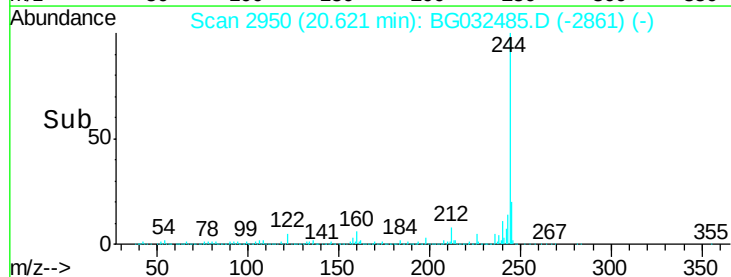
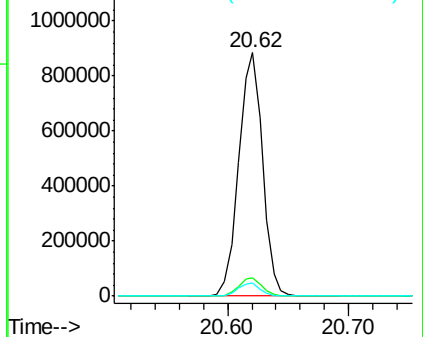
122 5.5 7.0 10.4#

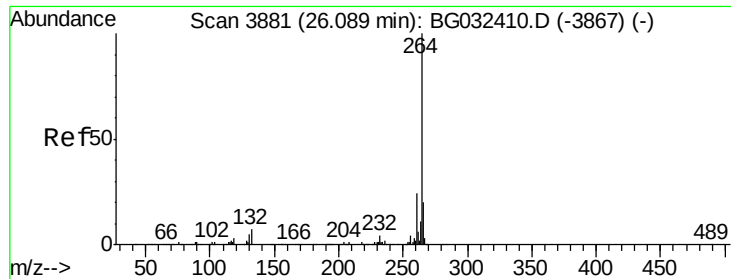


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032485.D
 Acq: 1 Feb 2018 4:40

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	23.2	17.7	26.5

