

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028714.D
 Acq On : 14 Sep 2017 2:46
 Operator : SJ/JU
 Sample : I5175-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

Quant Time: Sep 14 09:03:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28299	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	107512	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	77601	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	260429	20.00	ng	0.00
75) Chrysene-d12	22.03	240	322205	20.00	ng	0.00
86) Perylene-d12	25.52	264	251079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	248367	144.82	ng	0.00
7) Phenol-d6	7.48	99	317197	122.84	ng	0.00
23) Nitrobenzene-d5	9.50	82	232544	103.47	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	251456	195.92	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	582278	100.05	ng	0.00
78) Terphenyl-d14	20.28	244	1477573	97.80	ng	0.00

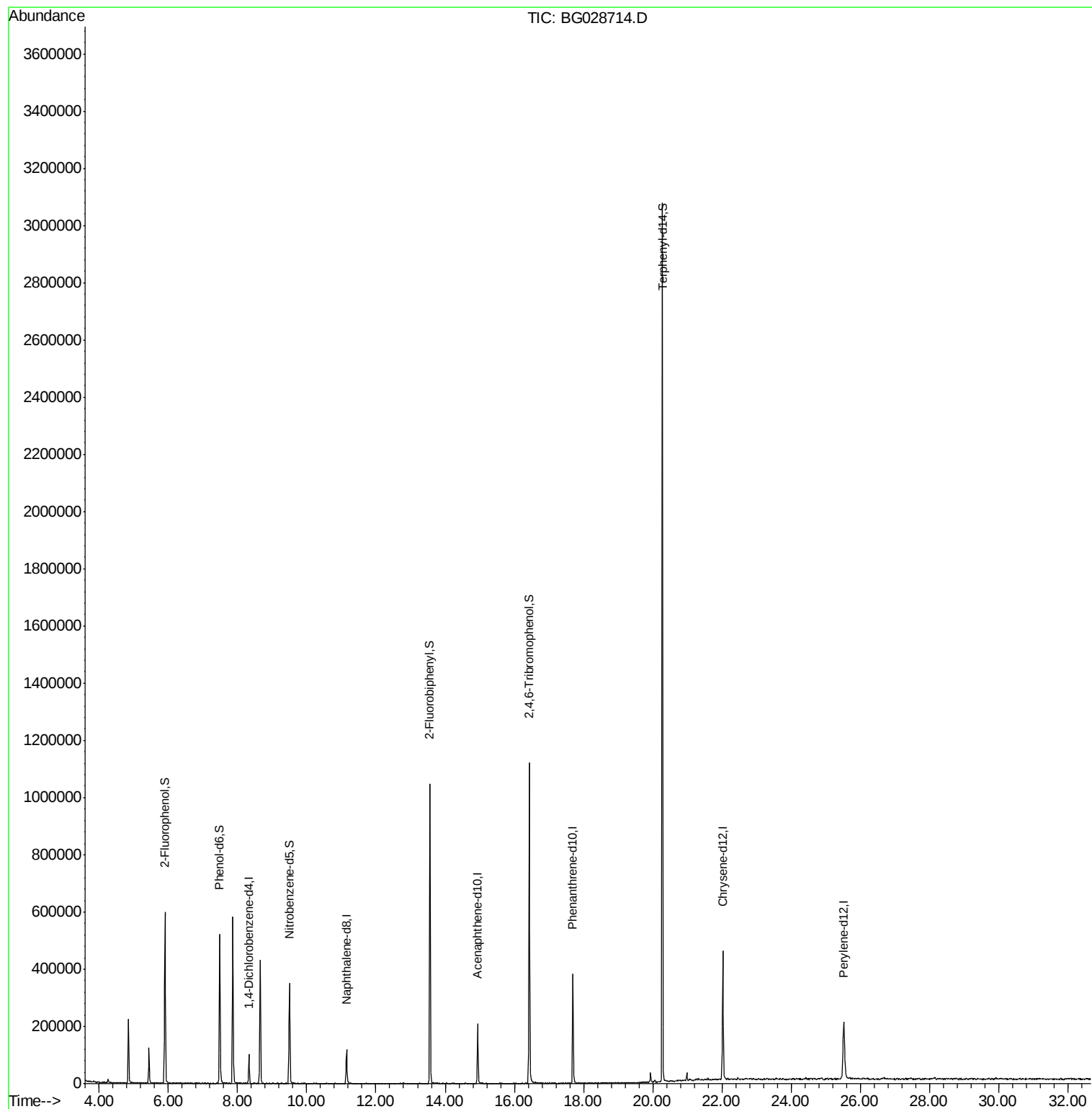
Target Compounds Qvalue

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

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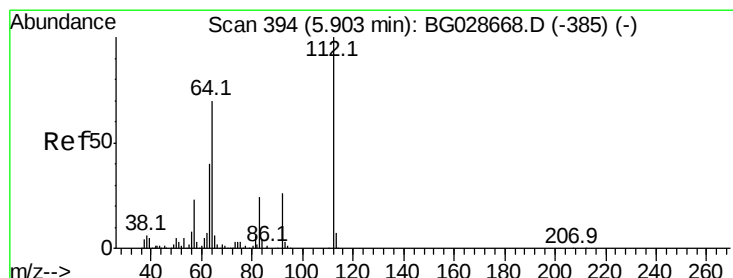
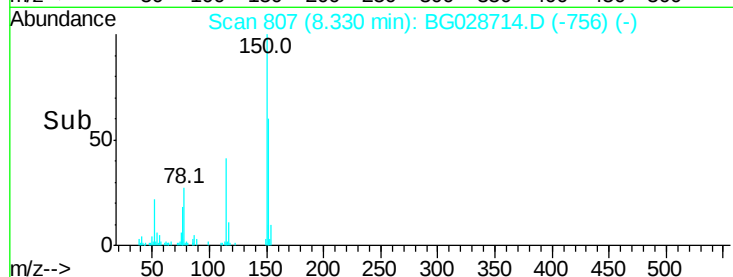
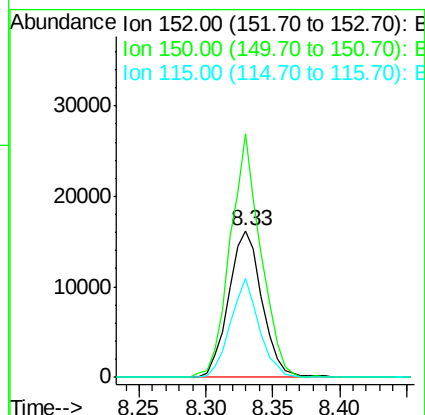
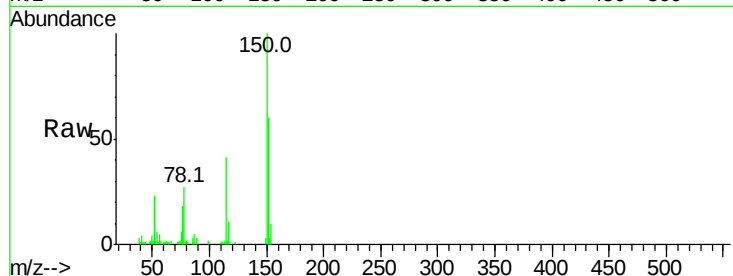


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Instrument :
BNA_G
ClientSampleId :
OILY-DRUM-COMP

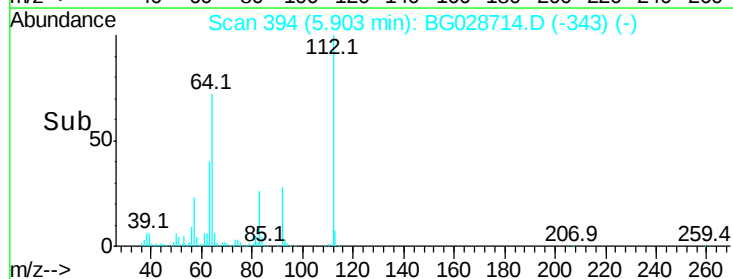
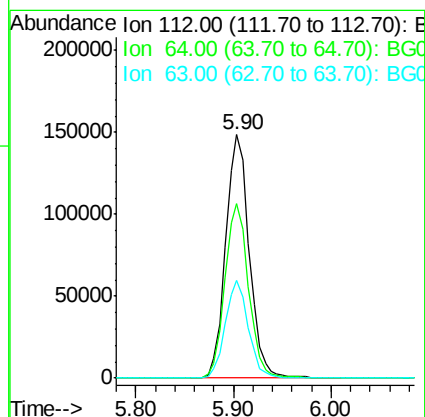
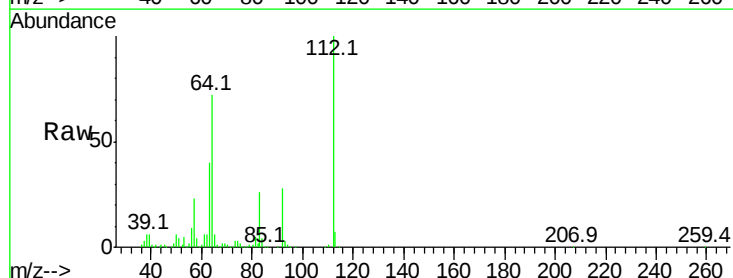
Tot Ion:152 Resp: 28299
Ion Ratio Lower Upper
152 100
150 166.0 114.0 171.0
115 67.5 48.1 72.1

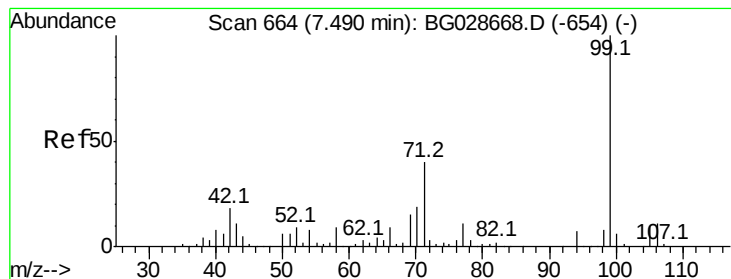


#5

2-Fluorophenol
Concen: 144.817 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Tgt Ion:112 Resp: 248367
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 40.0 37.2 55.8





#7

Phenol-d6

Concen: 122.840 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

OILY-DRUM-COMP

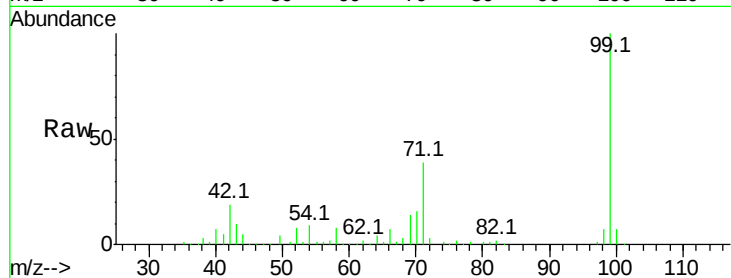
Tot Ion: 99 Resp: 317197

Ion Ratio Lower Upper

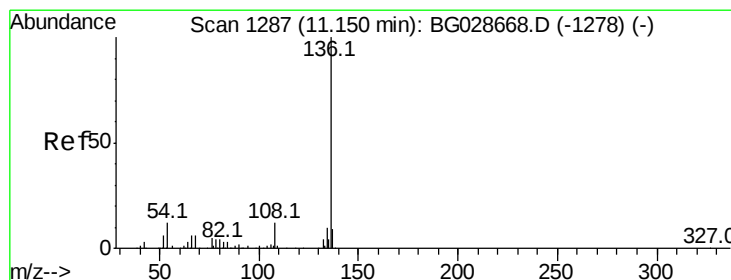
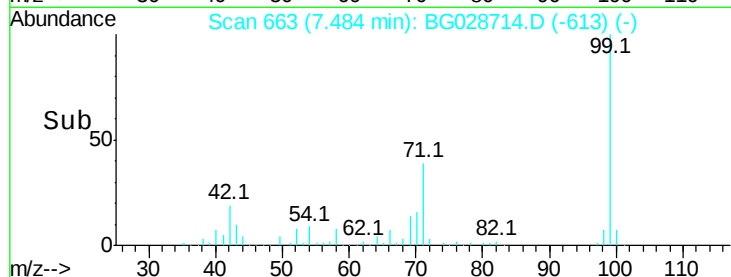
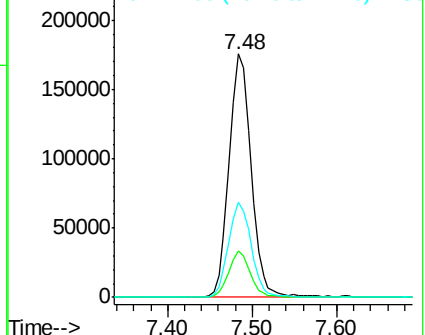
99 100

42 18.8 20.5 30.7#

71 39.0 37.6 56.4



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: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Tgt Ion: 136 Resp: 107512

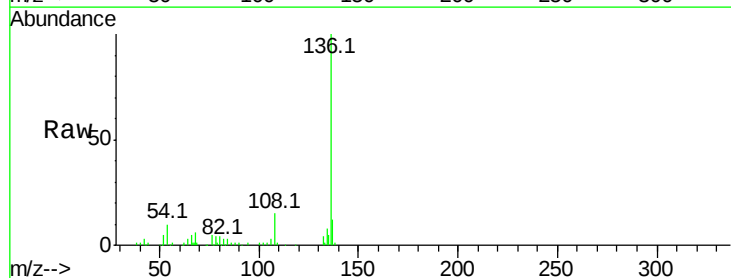
Ion Ratio Lower Upper

136 100

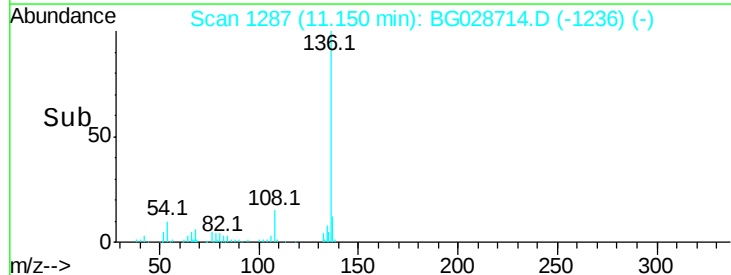
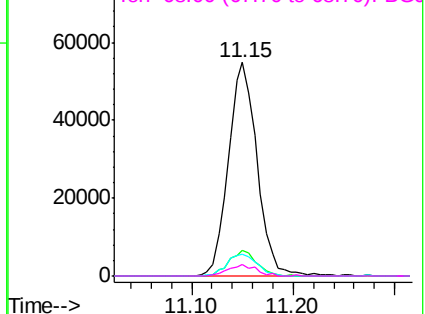
137 12.3 8.9 13.3

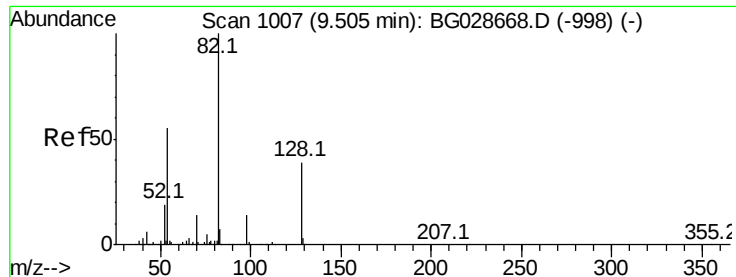
54 10.4 9.3 13.9

68 6.4 5.1 7.7



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

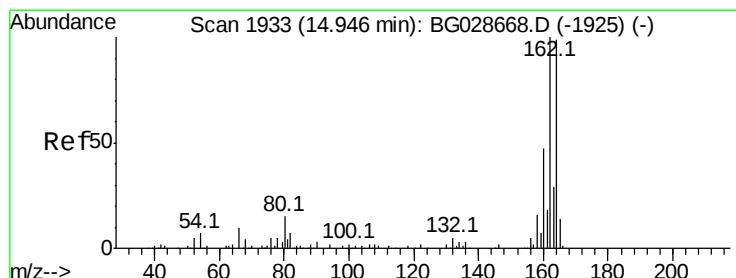
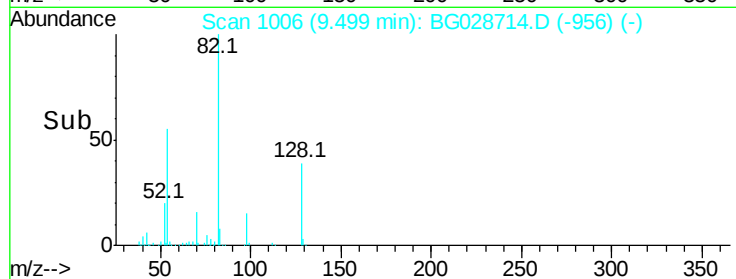
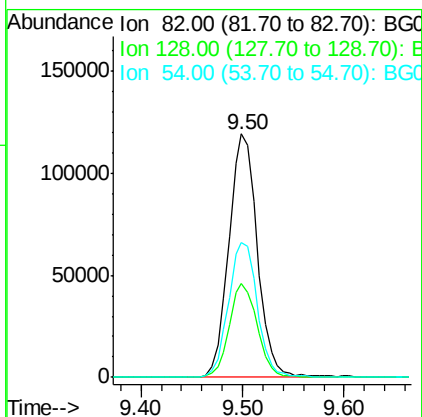
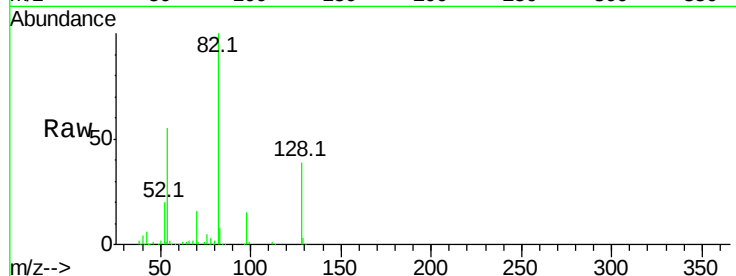




#23
 Nitrobenzene-d5
 Concen: 103.470 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028714.D
 Acq: 14 Sep 2017 2:46

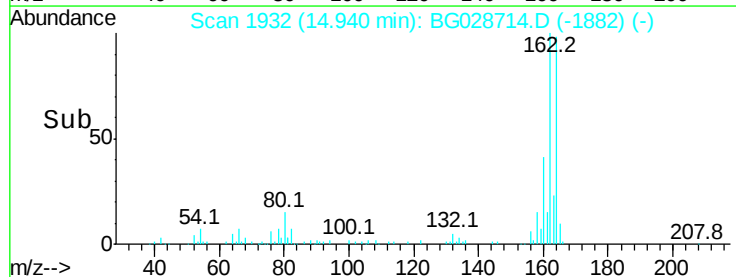
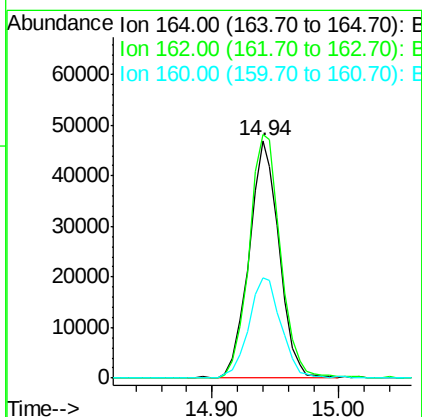
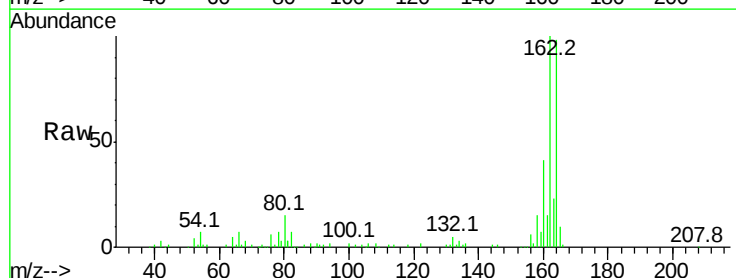
Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

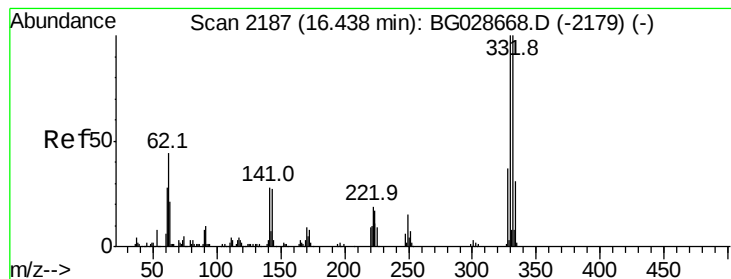
Tot Ion	82	Resp	232544
Ion Ratio	100	Lower	Upper
128	38.8	26.4	39.6
54	55.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028714.D
 Acq: 14 Sep 2017 2:46

Tgt Ion	164	Resp	77601
Ion Ratio	100	Lower	Upper
162	102.4	85.1	127.7
160	42.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 195.918 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

OILY-DRUM-COMP

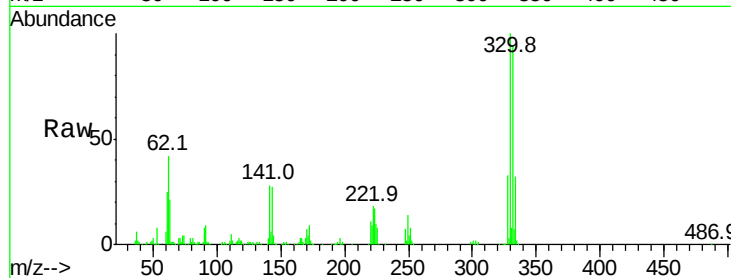
Tot Ion:330 Resp: 251456

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

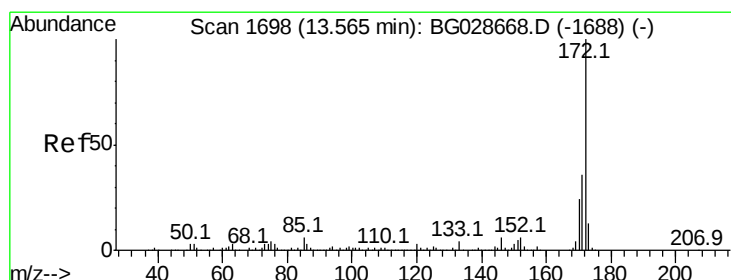
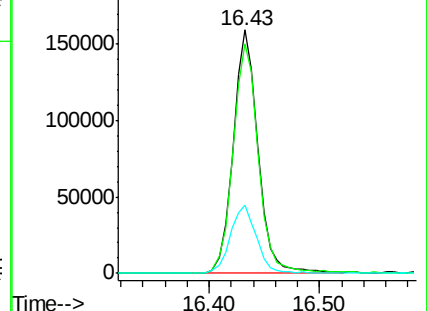
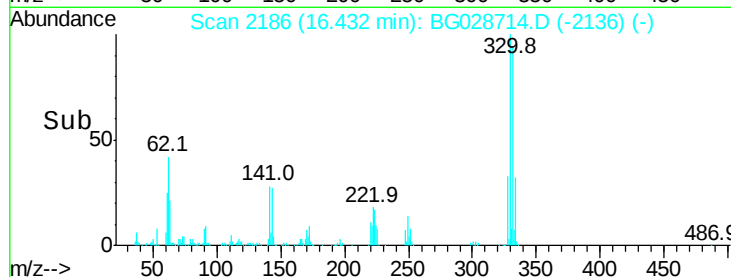
141 29.6 32.1 48.1#



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: 100.053 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

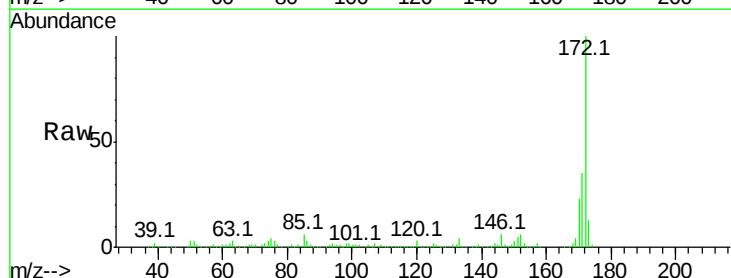
Tgt Ion:172 Resp: 582278

Ion Ratio Lower Upper

172 100

171 35.1 32.2 48.2

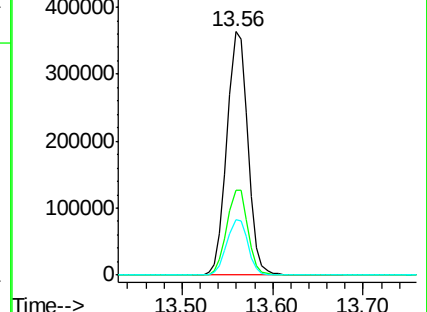
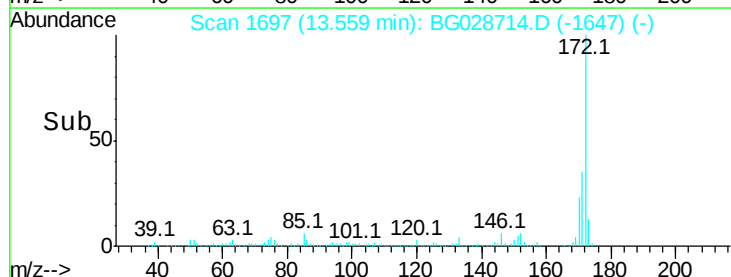
170 22.9 21.8 32.6



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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

OILY-DRUM-COMP

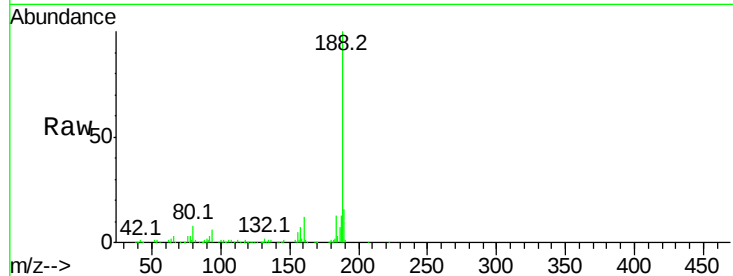
Tot Ion:188 Resp: 260429

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

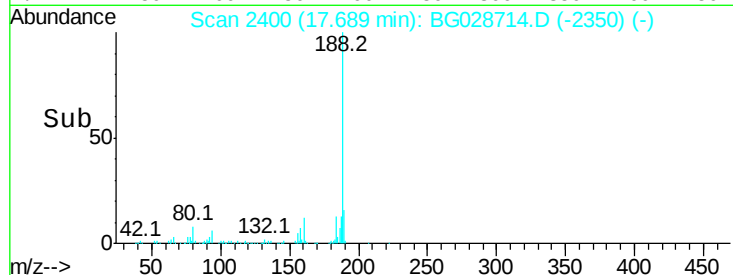
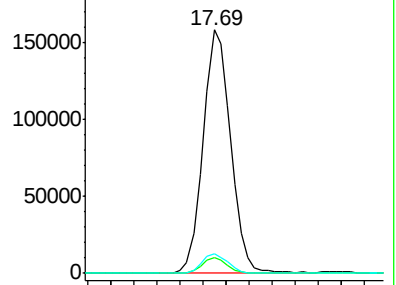
80 7.8 7.5 11.3



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: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

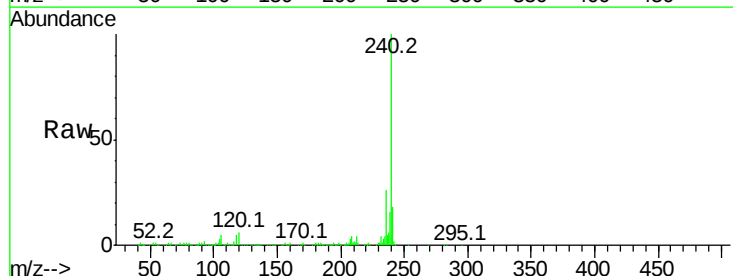
Tgt Ion:240 Resp: 322205

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

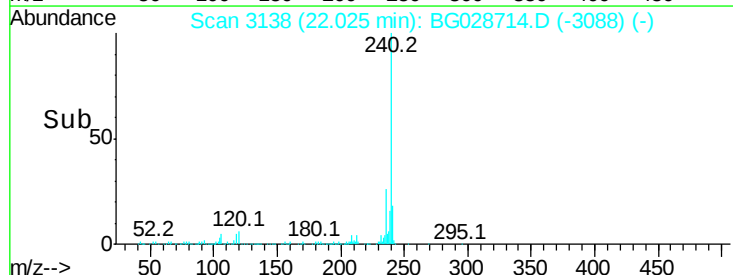
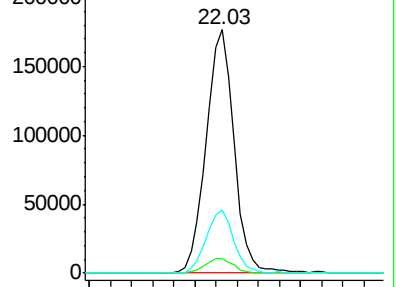
236 26.0 22.2 33.4

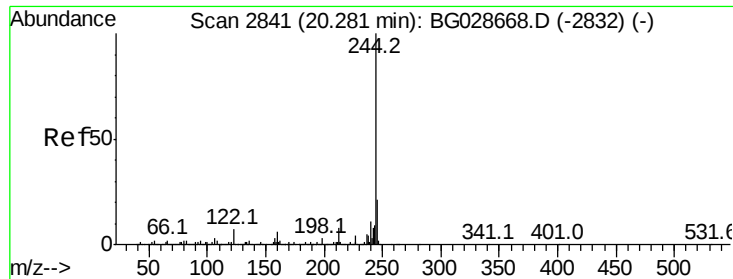


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.796 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

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OILY-DRUM-COMP

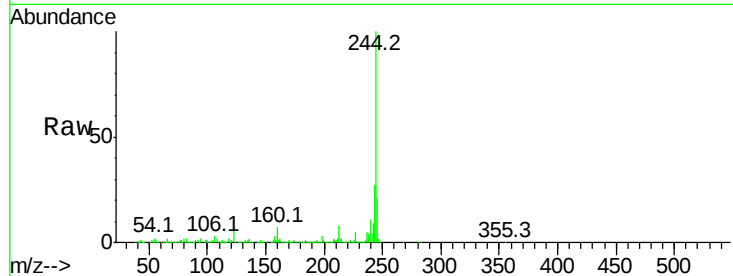
Tot Ion:244 Resp: 1477573

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

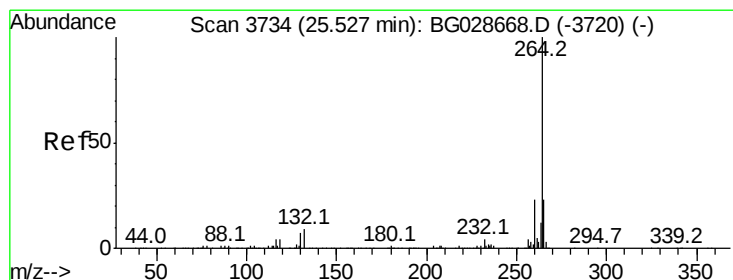
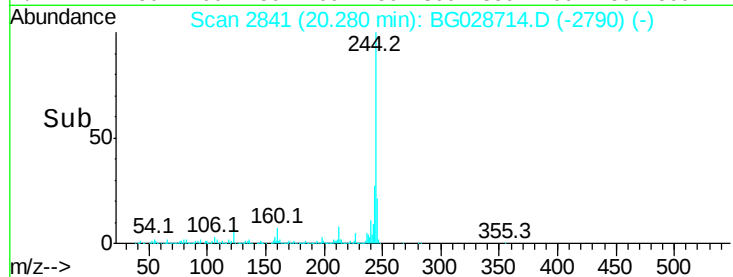
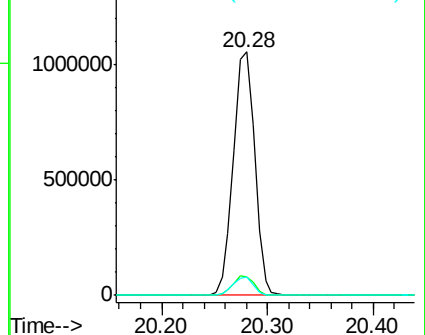
122 7.3 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

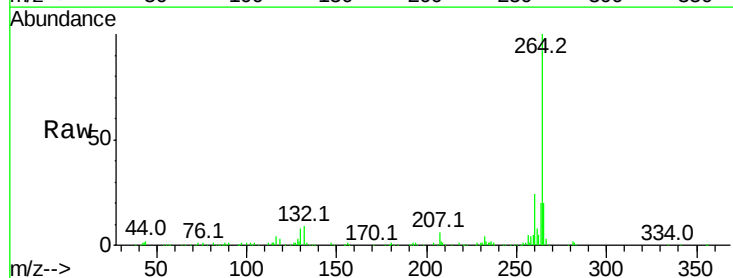
Tgt Ion:264 Resp: 251079

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 19.9 18.2 27.4



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

