

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032979.D
 Acq On : 3 Mar 2018 12:59
 Operator : SJ/JU
 Sample : J1774-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-18

Quant Time: Mar 05 03:02:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

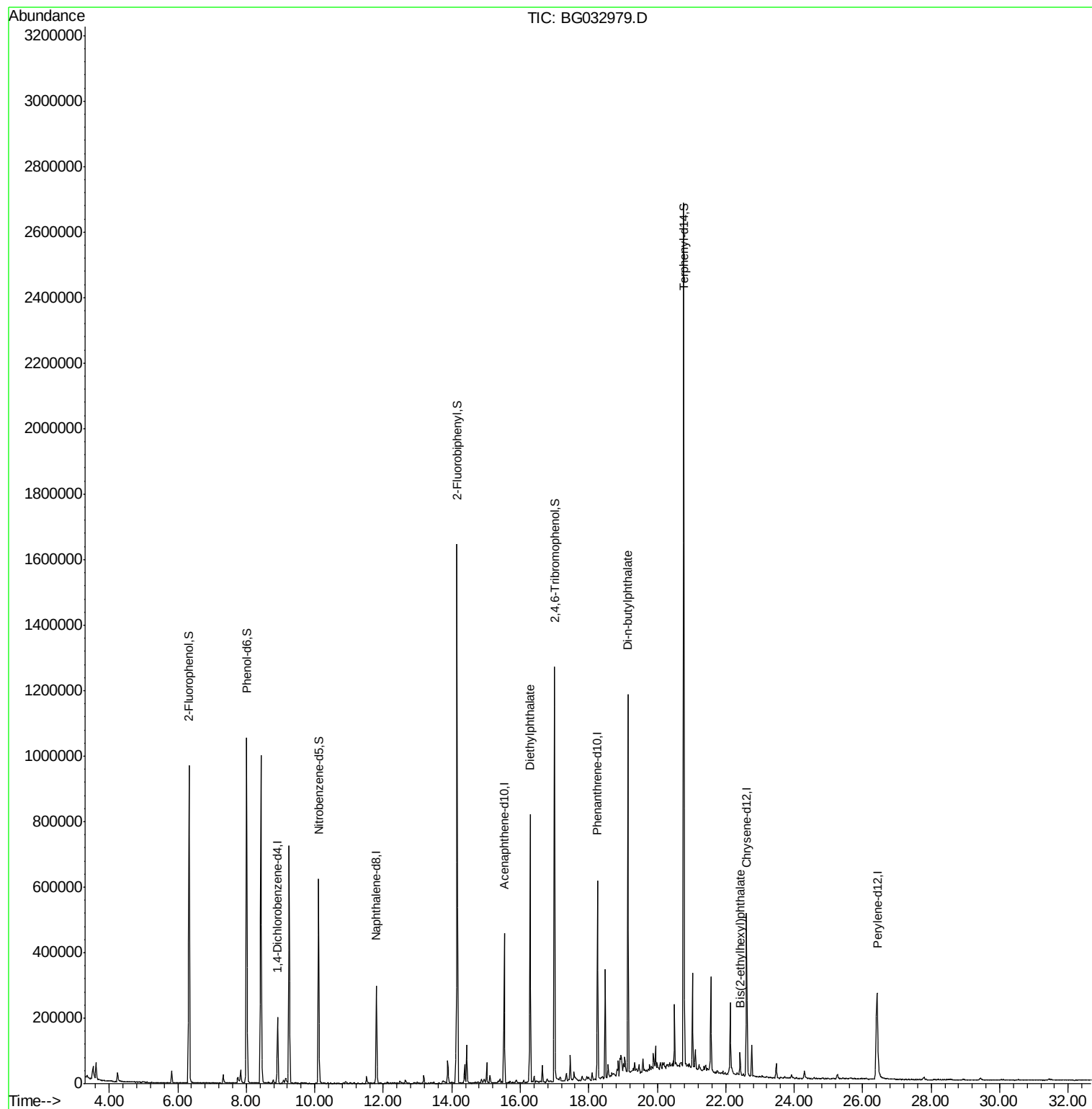
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58525	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	268079	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	153143	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	355568	20.00	ng	0.00
75) Chrysene-d12	22.61	240	332472	20.00	ng	-0.01
86) Perylene-d12	26.42	264	343776	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	473472	129.43	ng	0.00
7) Phenol-d6	8.01	99	661302	129.69	ng	0.00
23) Nitrobenzene-d5	10.11	82	390042	99.10	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	216600	134.51	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	848023	79.86	ng	0.00
78) Terphenyl-d14	20.78	244	1221381	82.54	ng	0.00
Target Compounds						
59) Diethylphthalate	16.29	149	471397	34.371	ng	98
73) Di-n-butylphthalate	19.14	149	848621	35.239	ng	100
83) Bis(2-ethylhexyl)phthalate	22.42	149	33375	2.169	ng	# 96

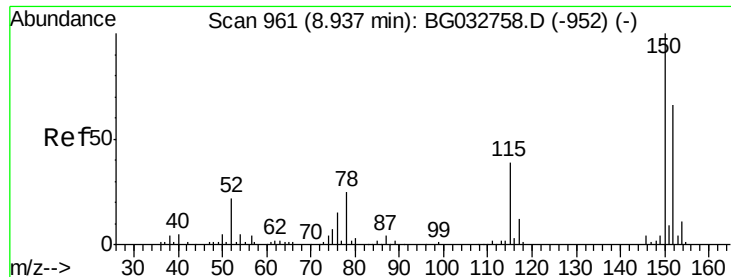
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



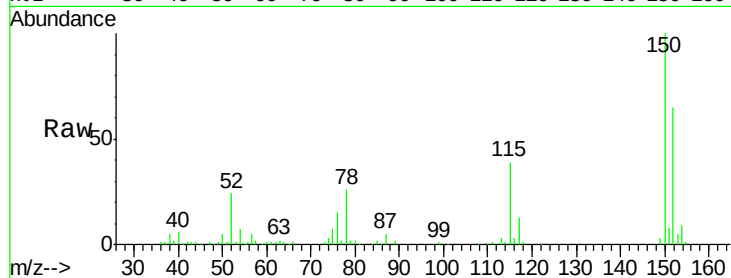


#1

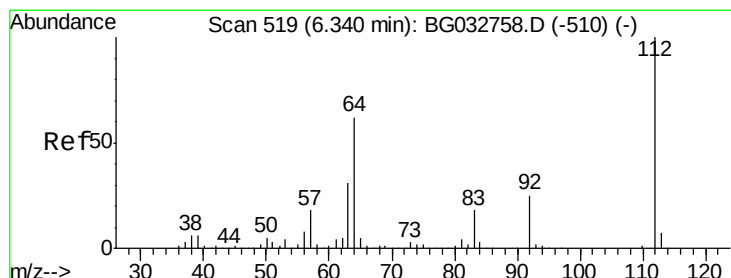
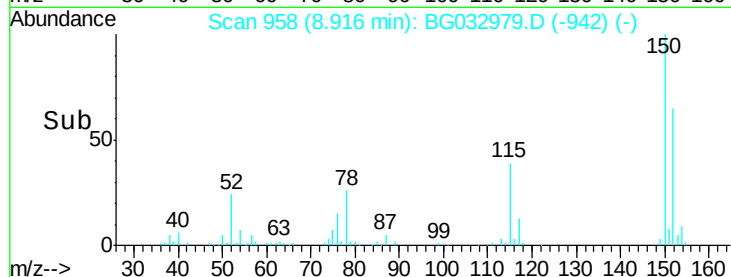
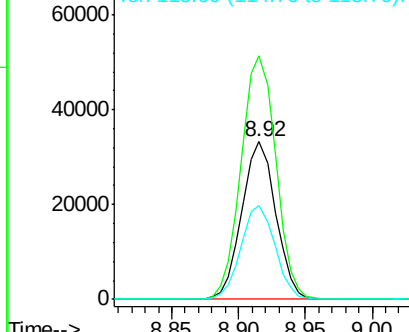
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-18

Tot Ion:152 Resp: 58525
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 59.4 53.0 79.4



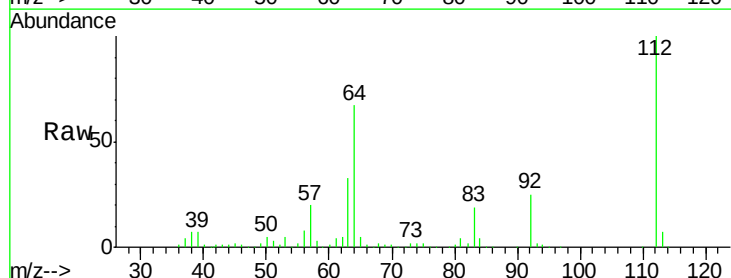
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



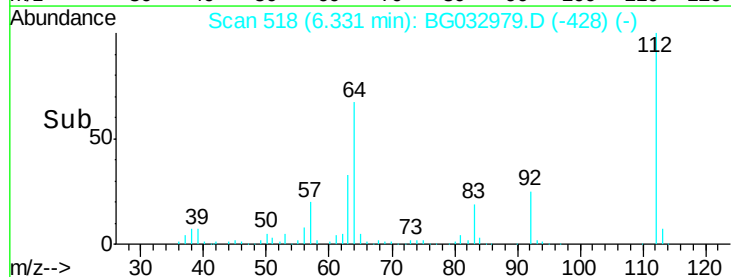
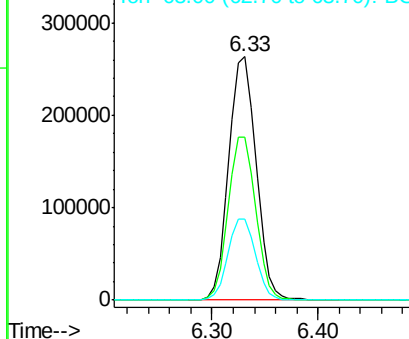
#5

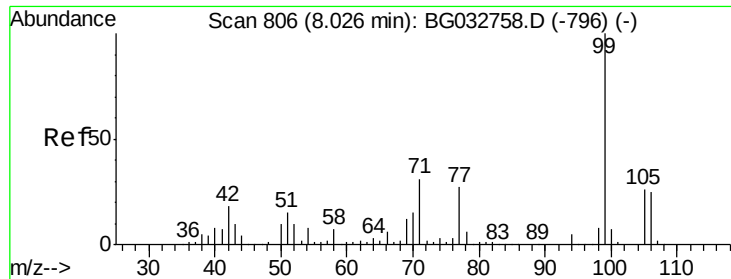
2-Fluorophenol
Concen: 129.430 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:112 Resp: 473472
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 33.3 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: 129.694 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-18

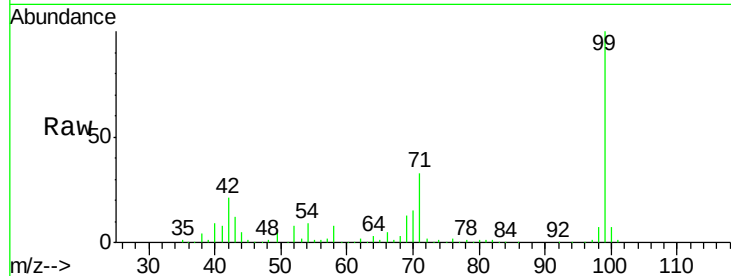
Tot Ion: 99 Resp: 661302

Ion Ratio Lower Upper

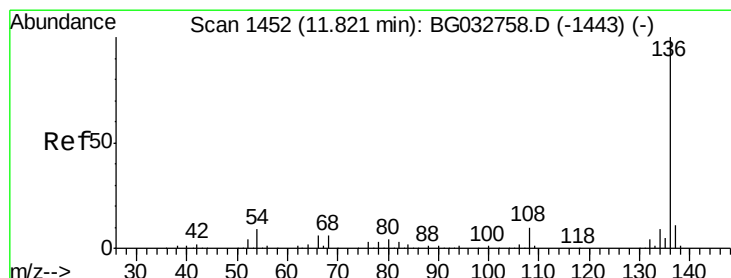
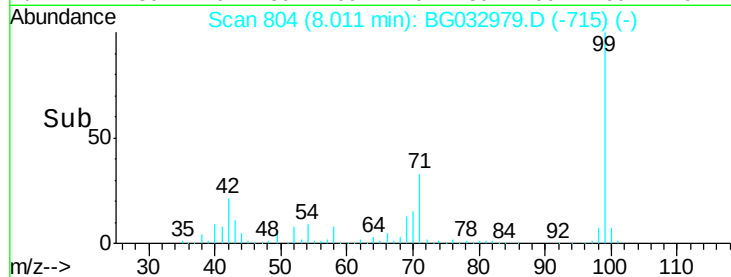
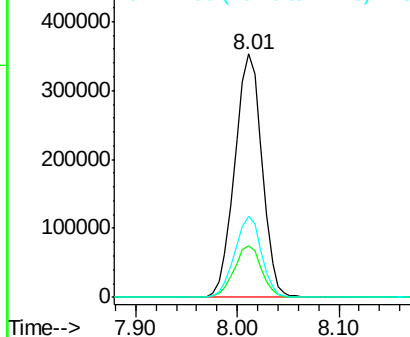
99 100

42 21.0 14.1 21.1

71 33.4 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Tgt Ion: 136 Resp: 268079

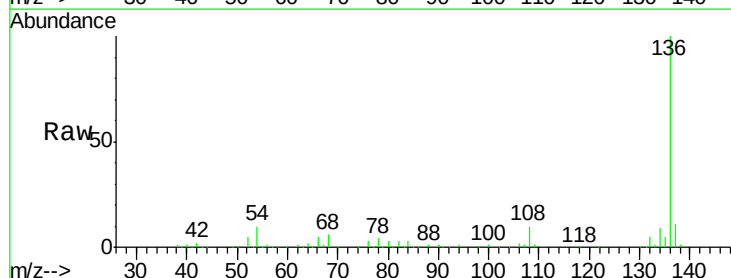
Ion Ratio Lower Upper

136 100

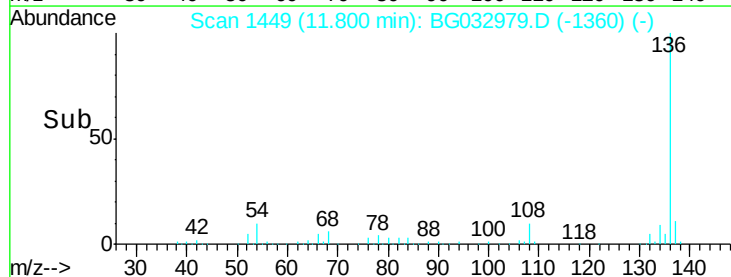
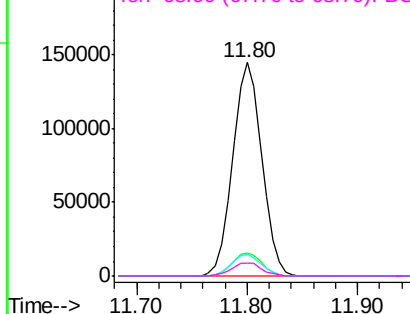
137 11.1 9.2 13.8

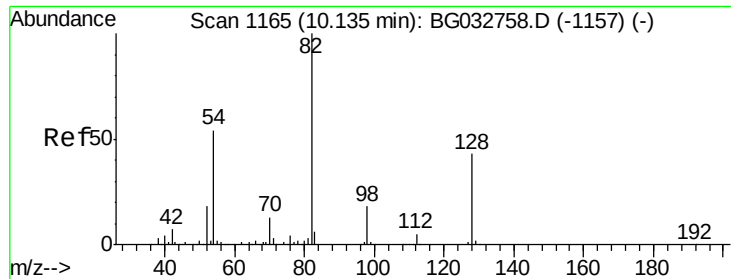
54 10.3 10.3 15.5#

68 6.3 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

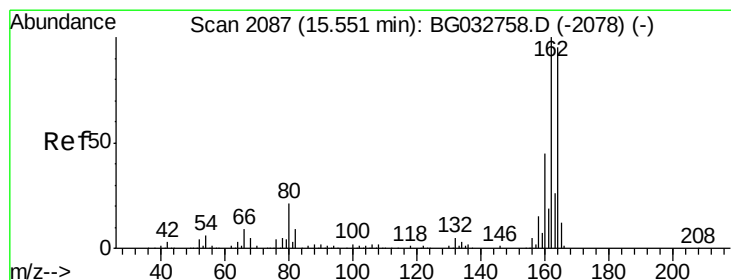
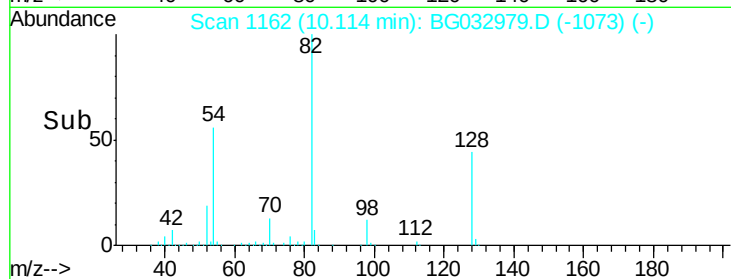
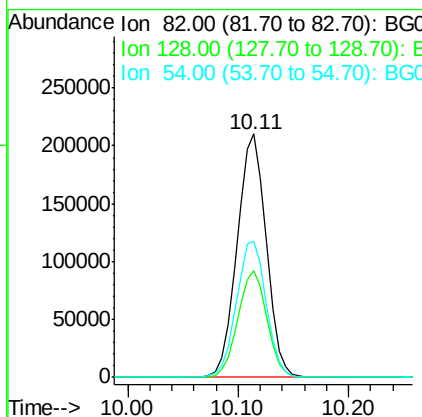
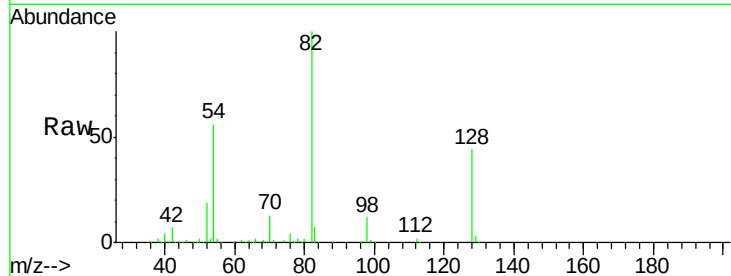




#23
Nitrobenzene-d5
Concen: 99.105 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

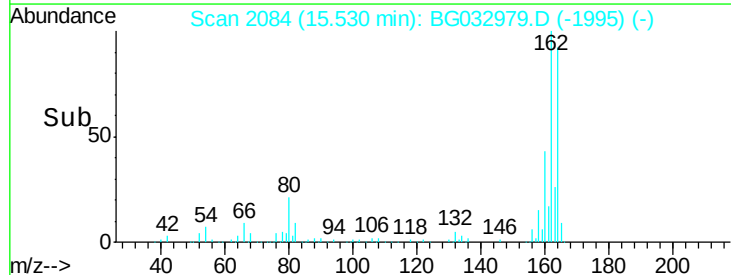
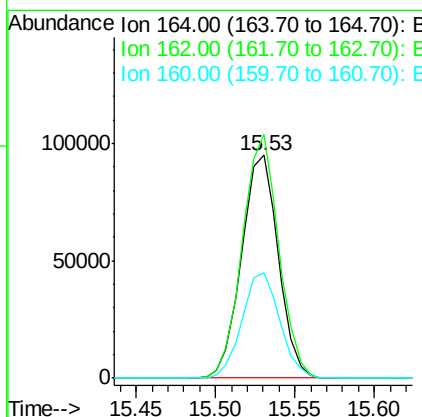
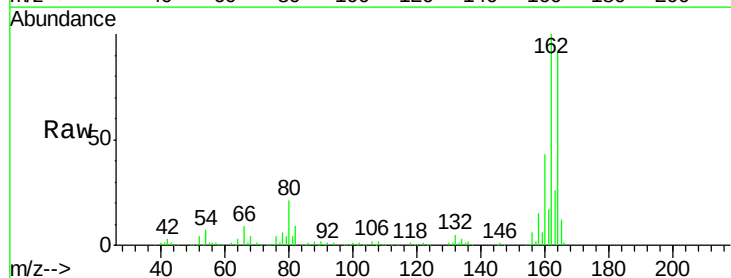
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-18

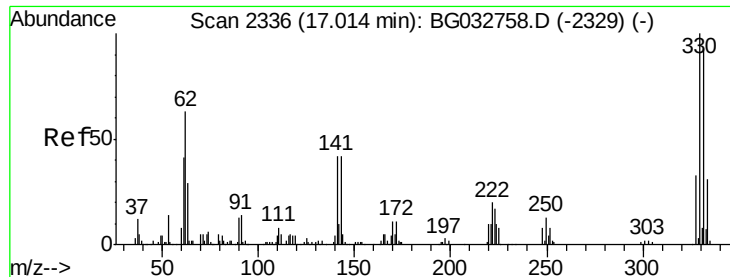
Tot Ion	82	Resp	390042
Ion Ratio	Lower	Upper	
82	100		
128	43.8	29.7	44.5
54	55.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion	164	Resp	153143
Ion Ratio	Lower	Upper	
164	100		
162	109.3	78.8	118.2
160	47.4	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 134.514 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-18

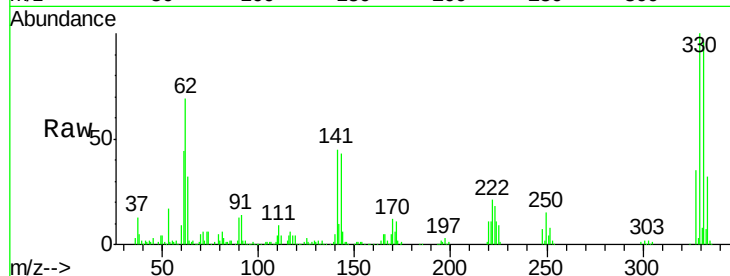
Tot Ion:330 Resp: 216600

Ion Ratio Lower Upper

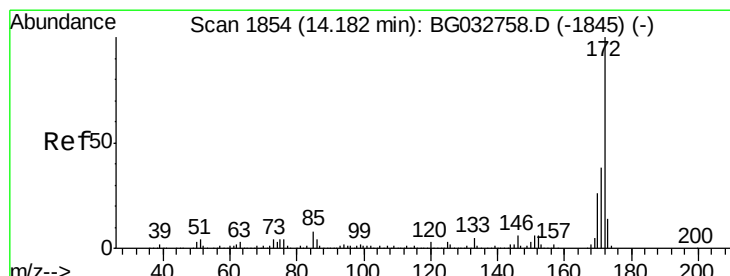
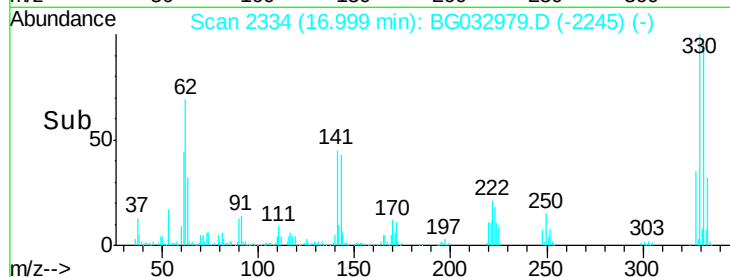
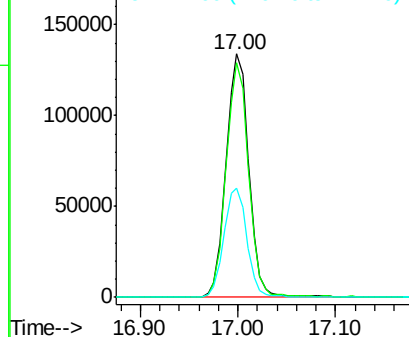
330 100

332 94.7 77.0 115.6

141 45.4 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: 79.864 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

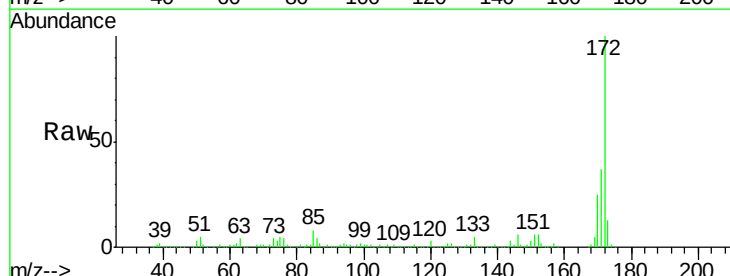
Tgt Ion:172 Resp: 848023

Ion Ratio Lower Upper

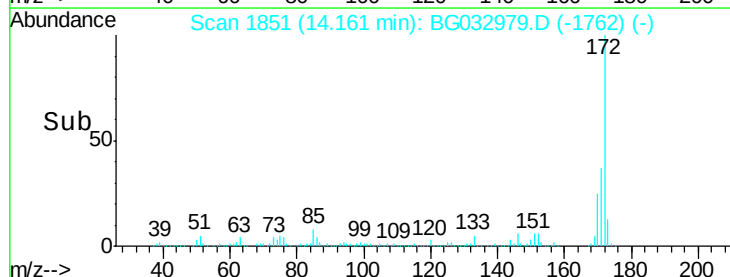
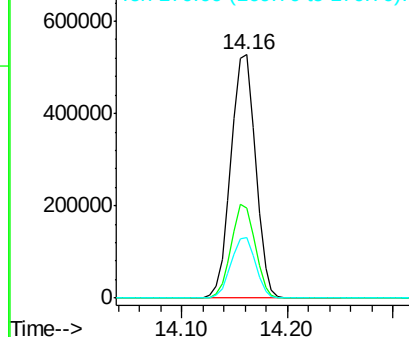
172 100

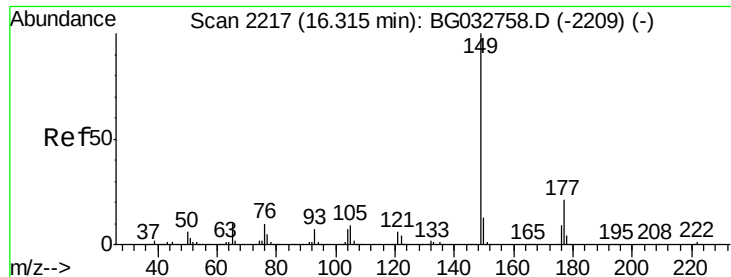
171 37.1 30.0 45.0

170 25.0 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

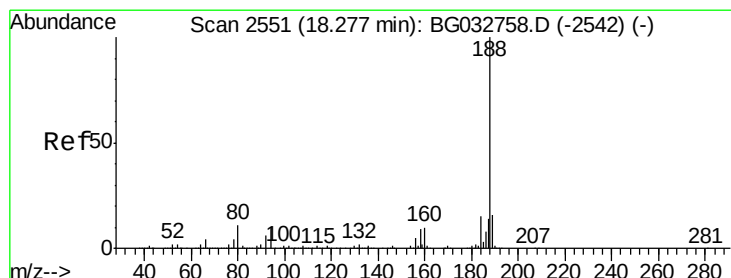
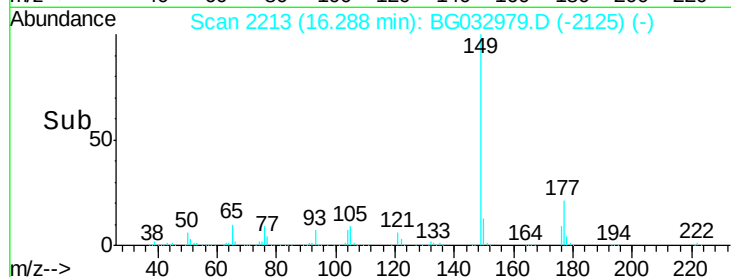
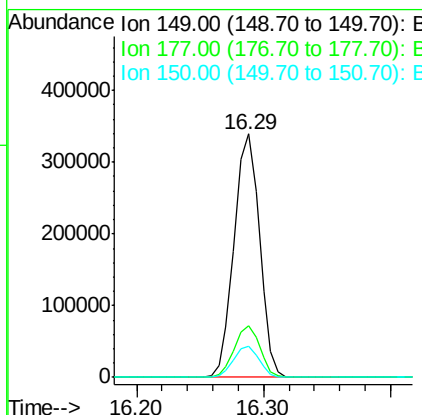
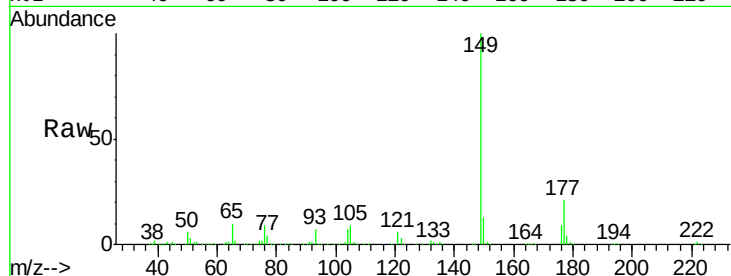




#59
Diethylphthalate
Concen: 34.371 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

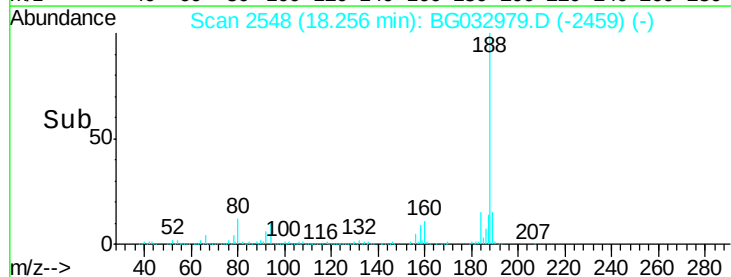
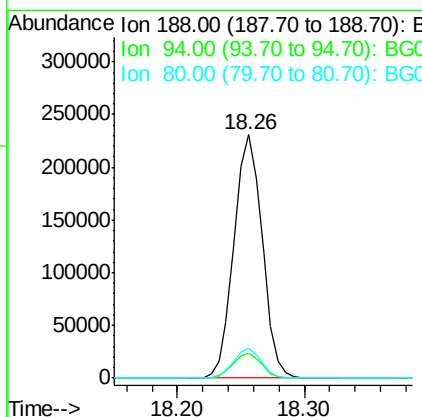
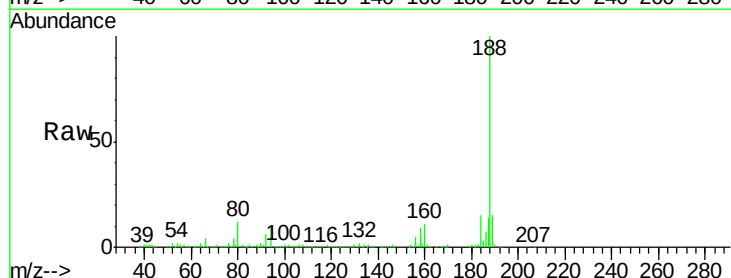
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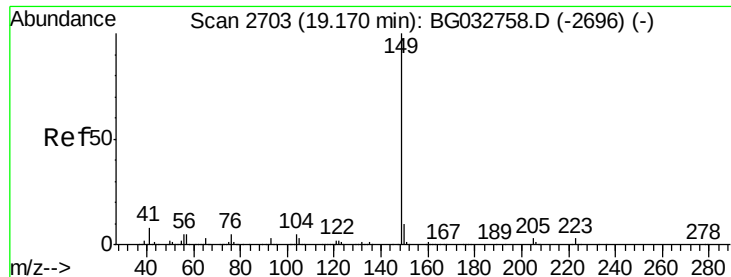
Tot Ion:149 Resp: 471397
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 12.8 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:188 Resp: 355568
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 12.0 7.7 11.5#

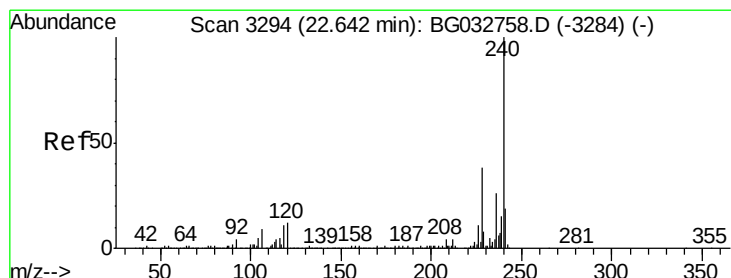
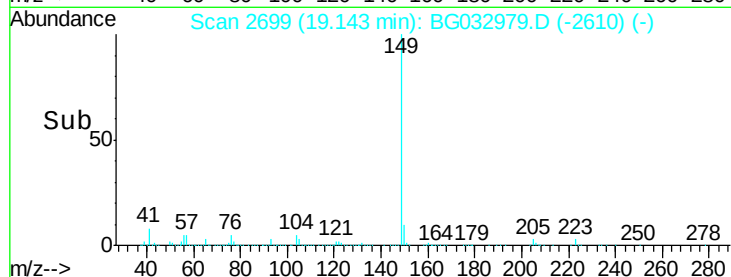
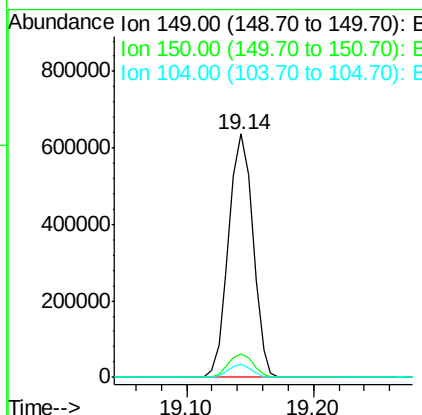
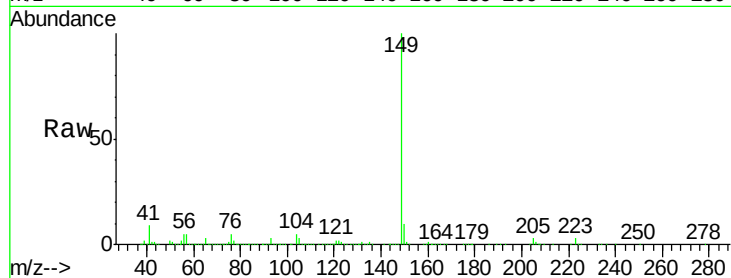




#73
Di-n-butylphthalate
Concen: 35.239 ng
RT: 19.14 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

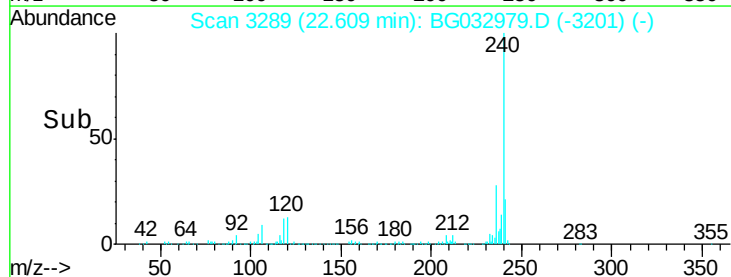
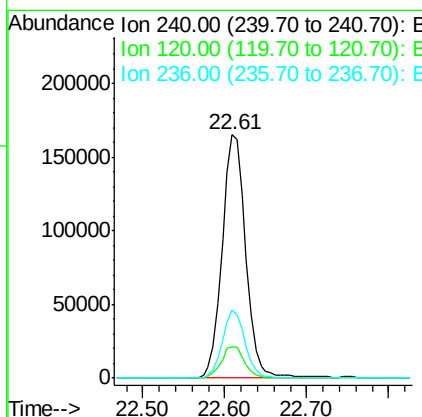
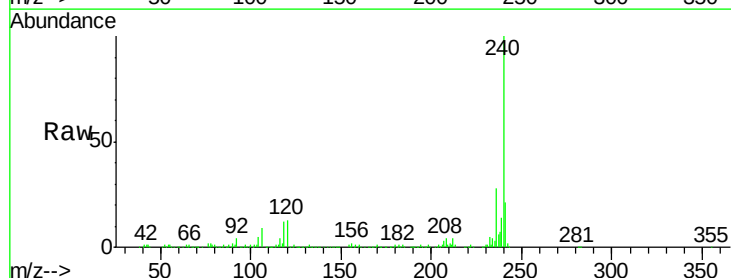
Instrument :
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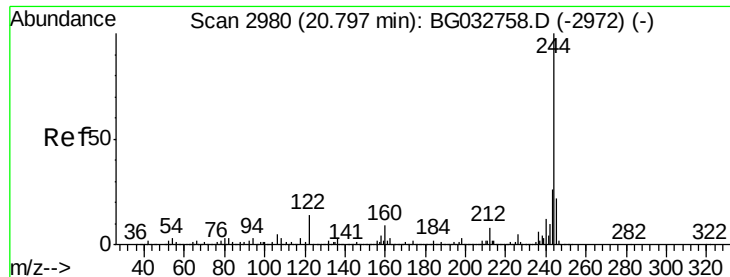
Tot Ion:149 Resp: 848621
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.2 3.9 5.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:240 Resp: 332472
Ion Ratio Lower Upper
240 100
120 12.8 6.8 10.2#
236 27.8 20.9 31.3





#78

Terphenyl-d14

Concen: 82.537 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-18

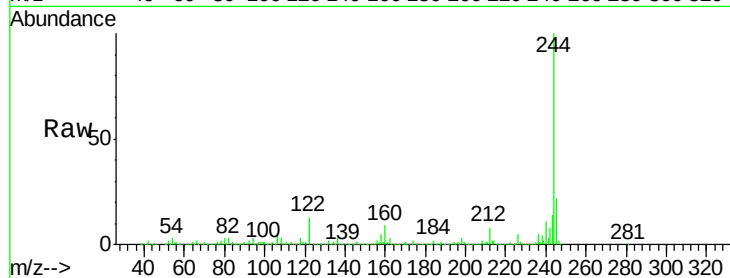
Tot Ion:244 Resp: 1221381

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

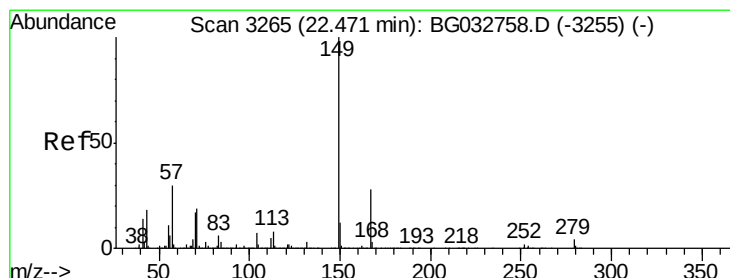
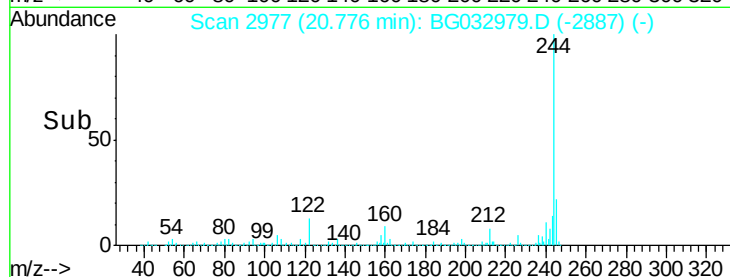
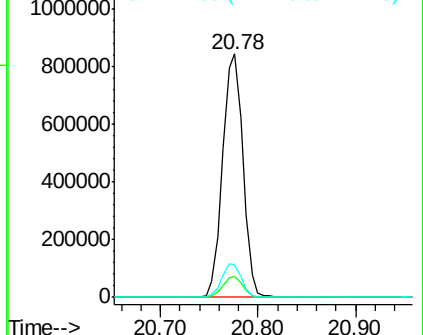
122 13.5 7.0 10.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.169 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

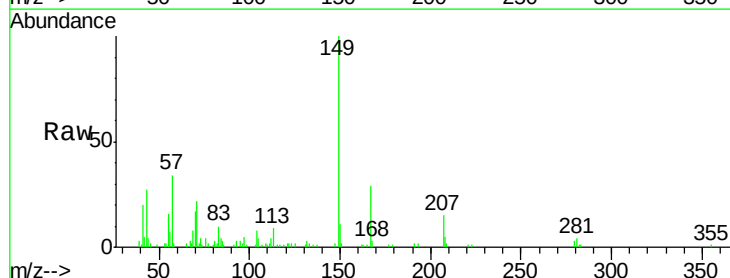
Tgt Ion:149 Resp: 33375

Ion Ratio Lower Upper

149 100

167 28.5 24.3 36.5

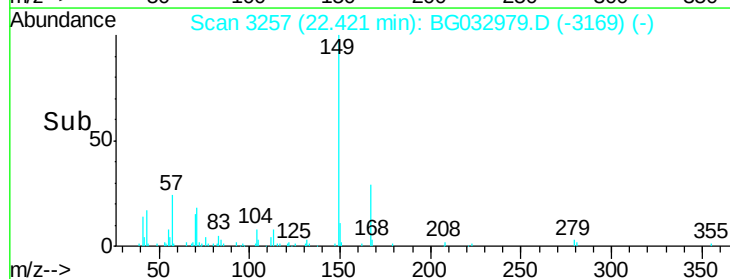
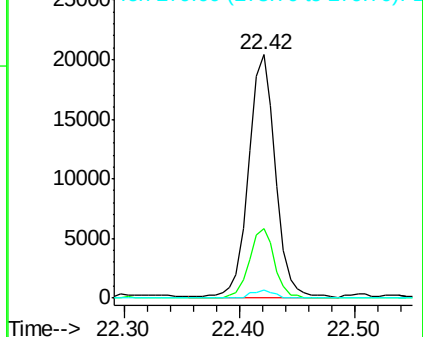
279 3.1 4.0 6.0#

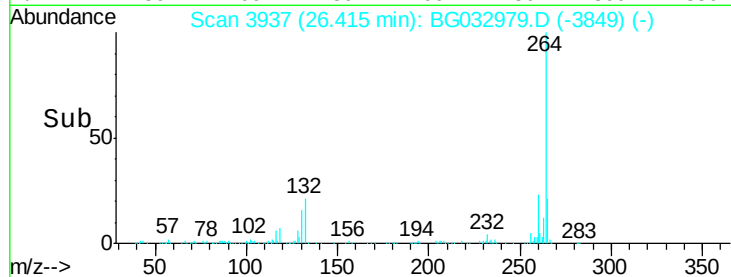
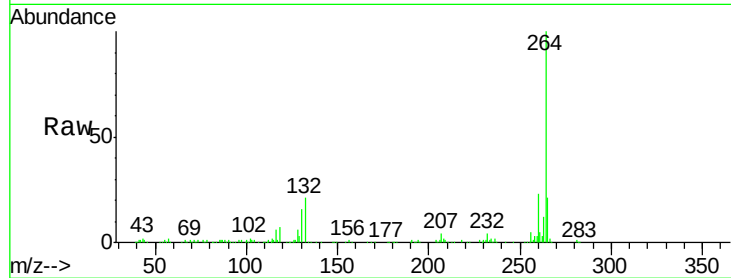
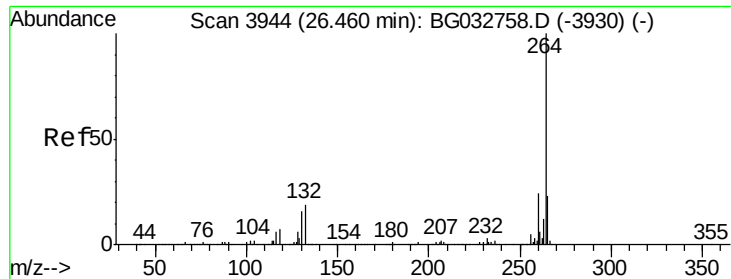


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.42 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-18

Tot Ion:264 Resp: 343776

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.2 17.7 26.5

