

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105337.D
 Acq On : 12 May 2018 15:10
 Operator : JU/SJ
 Sample : J2870-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-A

Quant Time: May 14 09:28:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

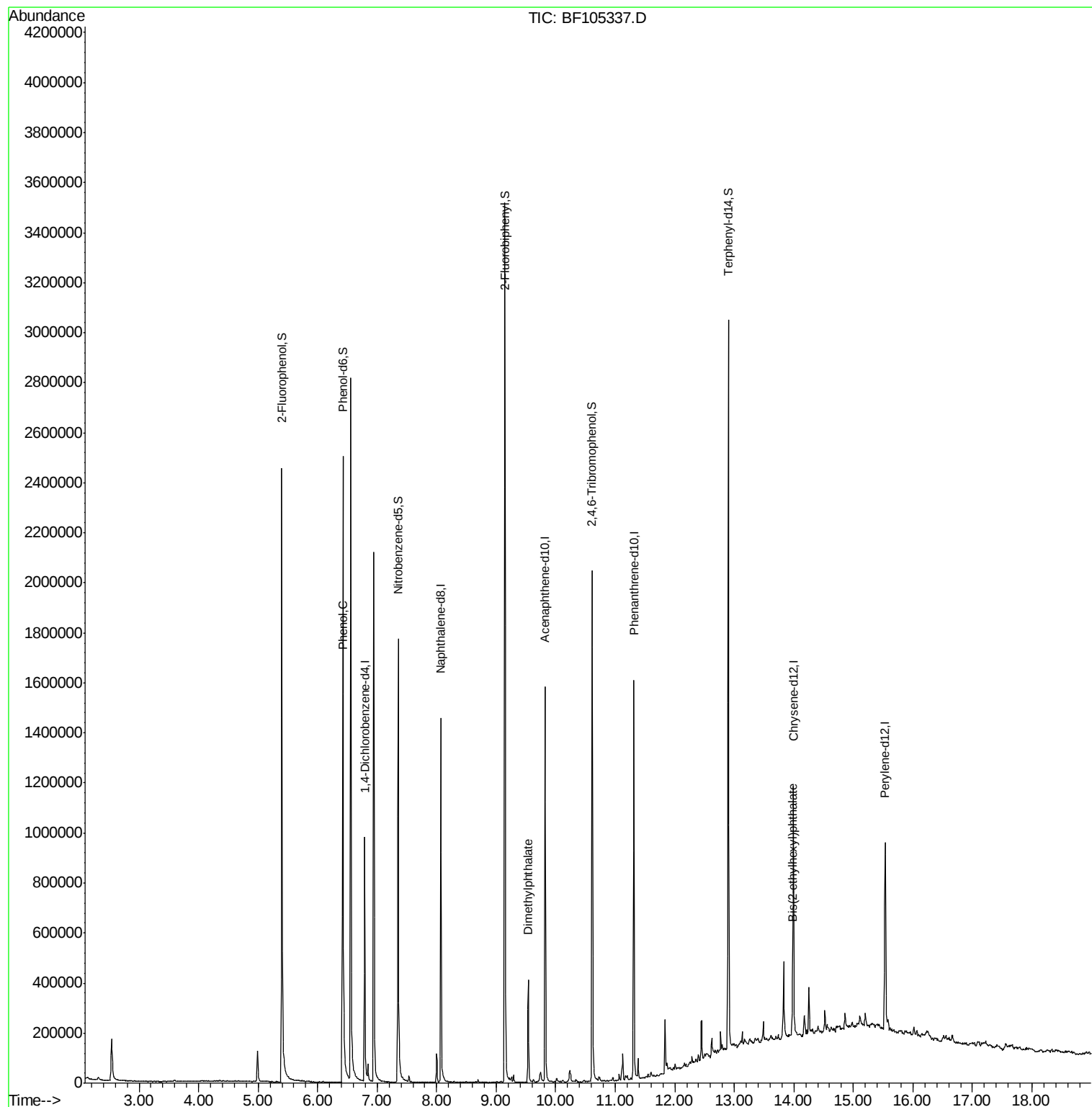
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155037	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	657274	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	299973	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	555895	20.00	ng	0.00
75) Chrysene-d12	13.99	240	364048	20.00	ng	-0.02
86) Perylene-d12	15.53	264	389323	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	756860	73.42	ng	0.00
7) Phenol-d6	6.42	99	968252	79.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	607344	53.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	287277	74.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1106898	53.18	ng	0.00
78) Terphenyl-d14	12.90	244	1096721	64.76	ng	0.00
Target Compounds						
10) Phenol	6.43	94	28267	2.023	ng	Qvalue # 71
49) Dimethylphthalate	9.54	163	161830	7.027	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	56496	3.770	ng	97

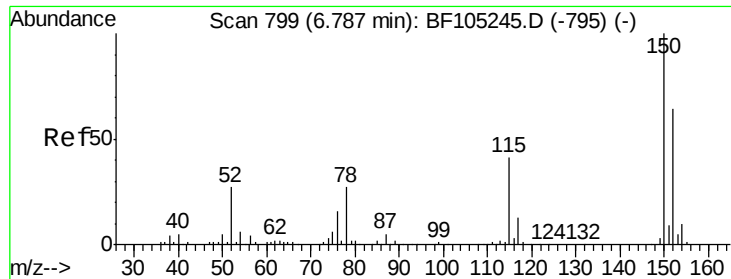
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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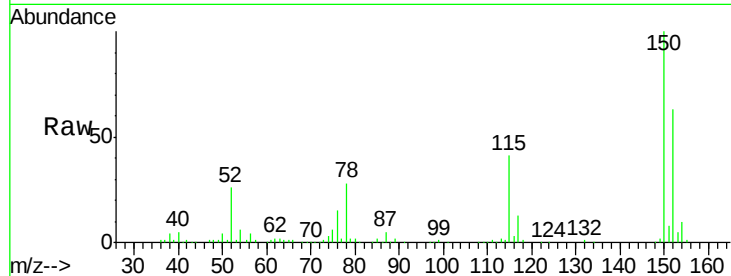


#1

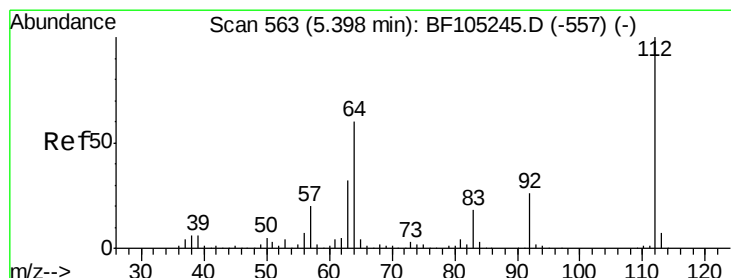
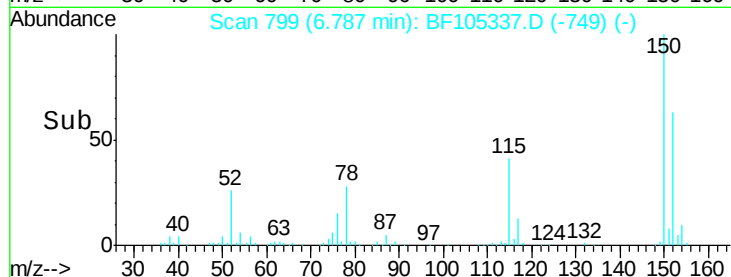
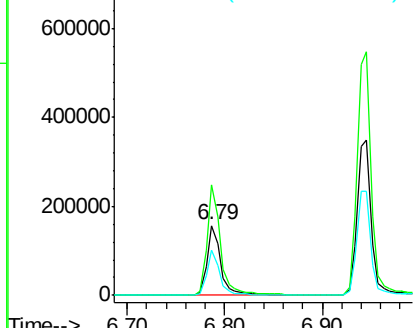
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RUBBLE-PILE-A

Tot Ion:152 Resp: 155037
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 65.5 50.1 75.1



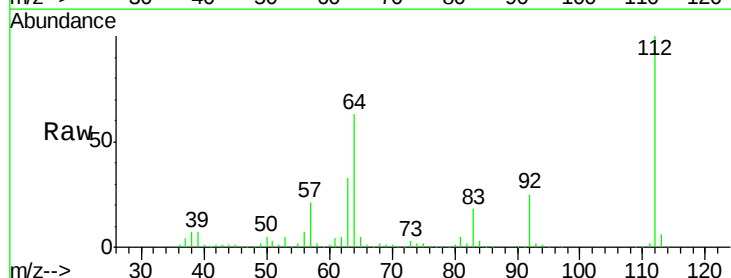
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



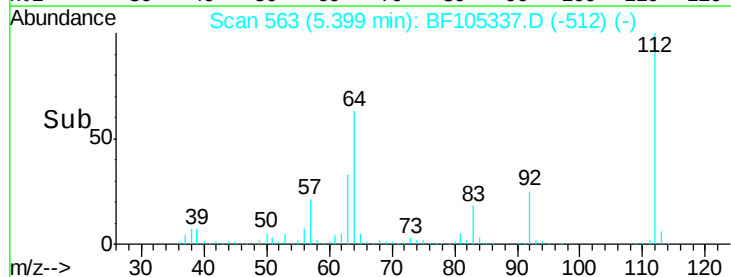
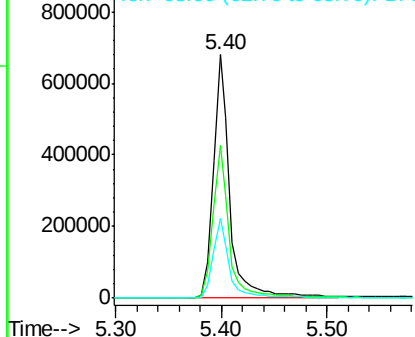
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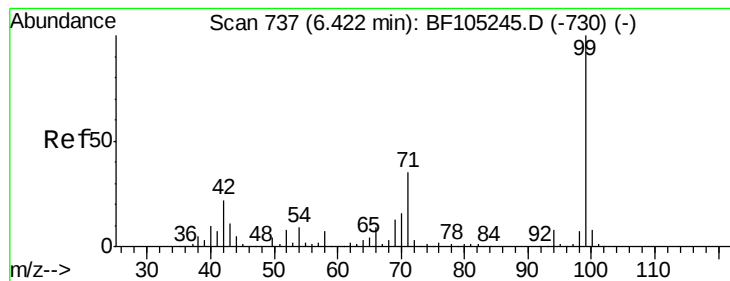
2-Fluorophenol
Concen: 73.423 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Tgt Ion:112 Resp: 756860
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.049 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF105337.D

Acq: 12 May 2018 15:10

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RUBBLE-PILE-A

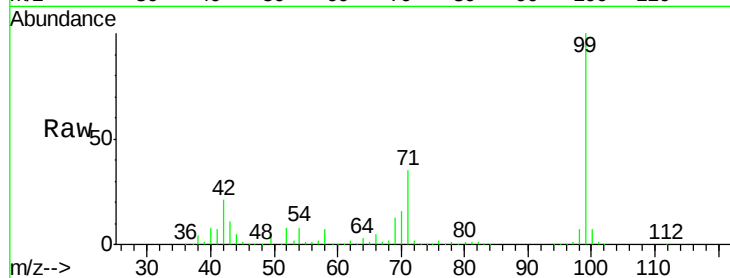
Tot Ion: 99 Resp: 968252

Ion Ratio Lower Upper

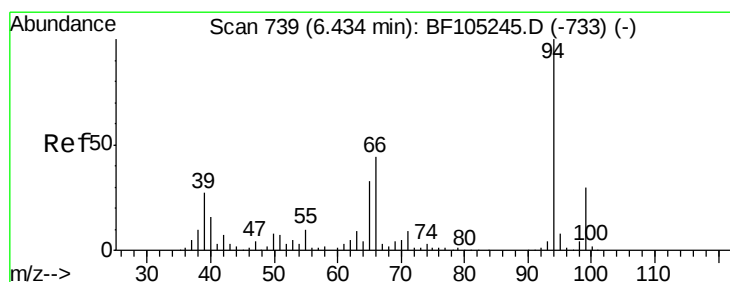
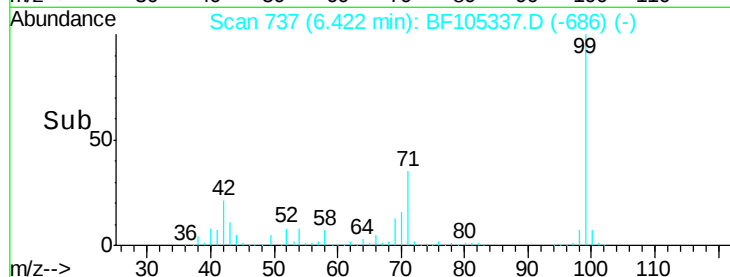
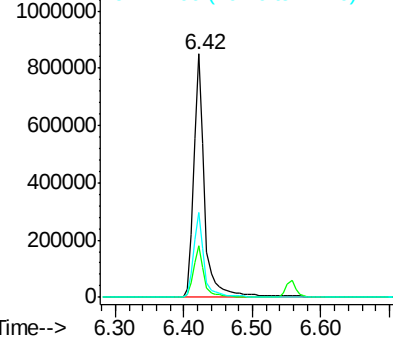
99 100

42 21.1 14.5 21.7

71 35.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.023 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105337.D

Acq: 12 May 2018 15:10

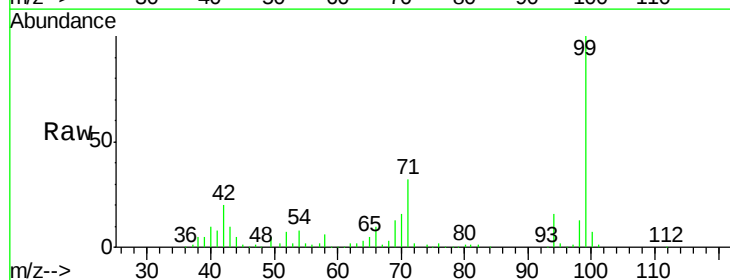
Tgt Ion: 94 Resp: 28267

Ion Ratio Lower Upper

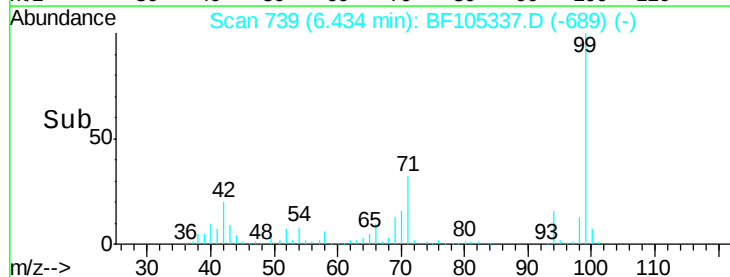
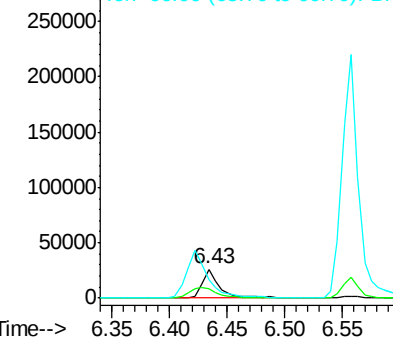
94 100

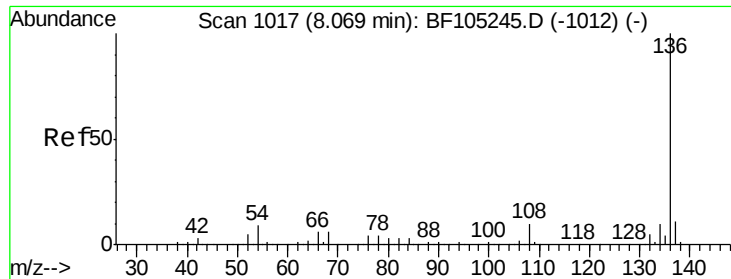
65 31.8 7.9 47.9

66 63.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

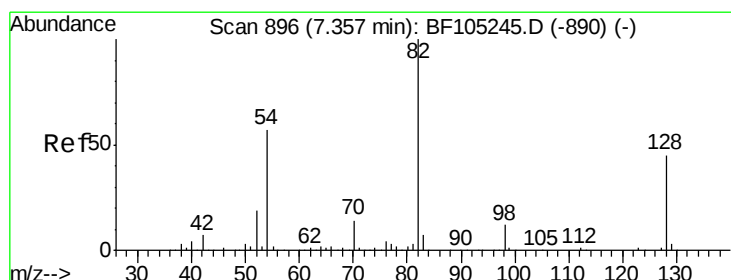
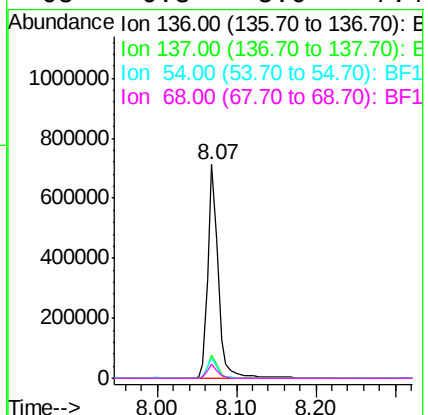
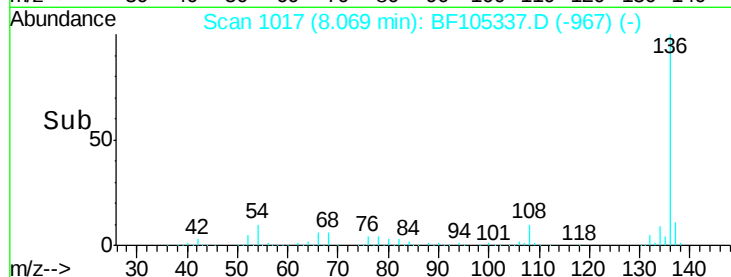
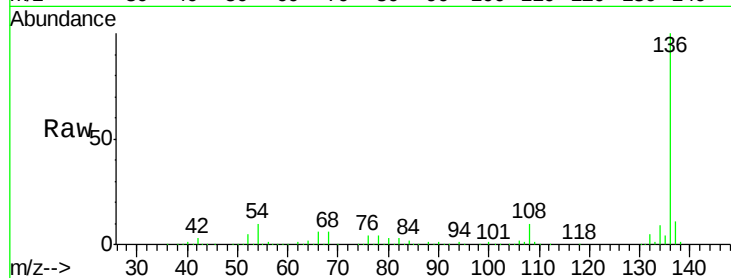




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

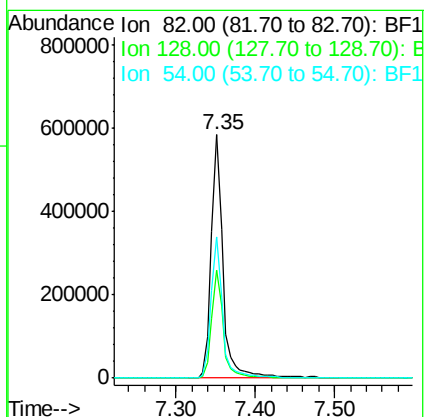
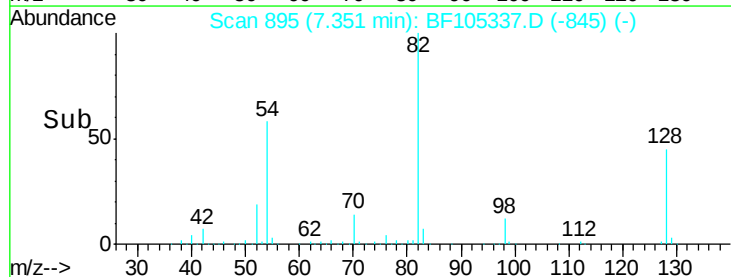
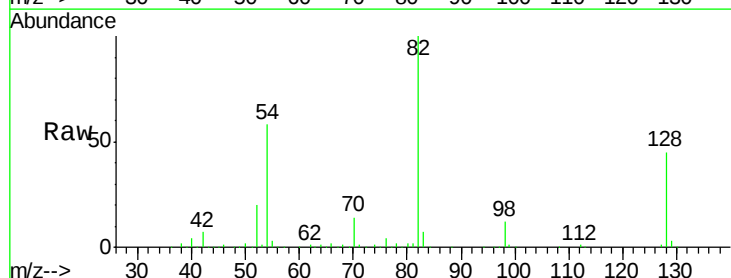
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RUBBLE-PILE-A

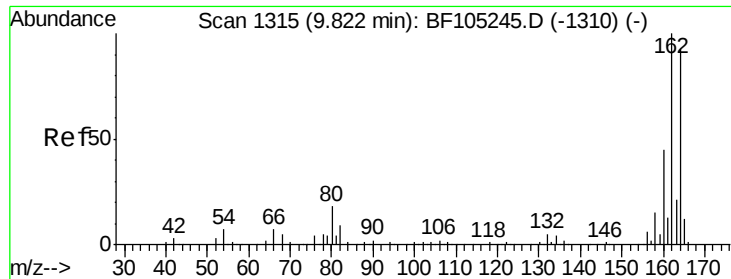
Tot Ion:136	Resp:	657274
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.6	6.6 9.8
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 53.780 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Tgt Ion: 82	Resp:	607344
Ion	Ratio	Lower Upper
82	100	
128	44.6	36.1 54.1
54	57.9	41.4 62.2

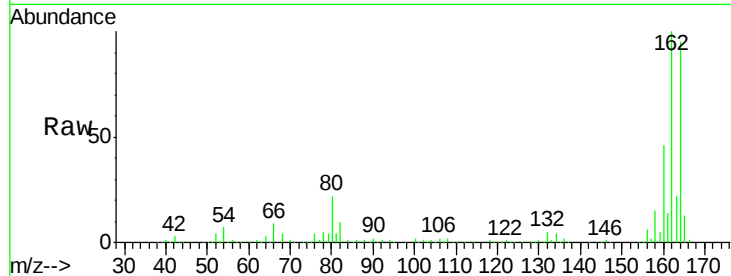




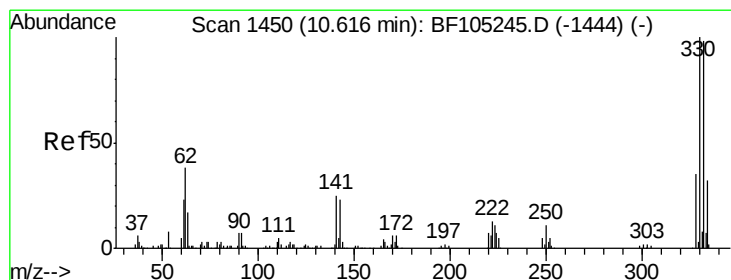
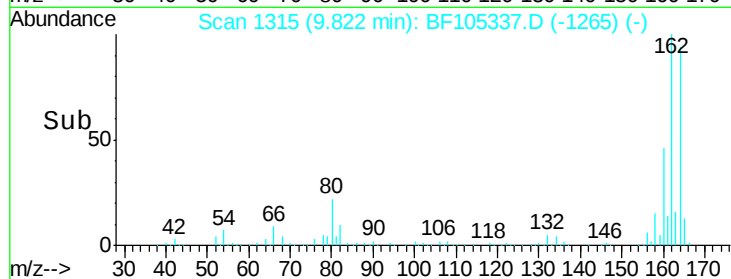
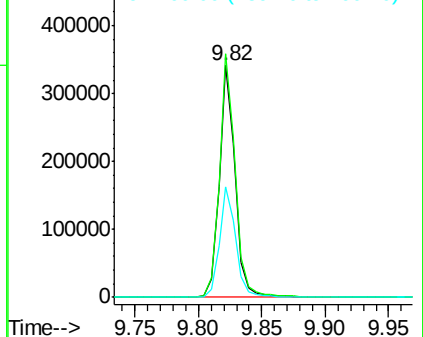
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105337.D
 Acq: 12 May 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-A

Tot Ion:164 Resp: 299973
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.9 38.3 57.5

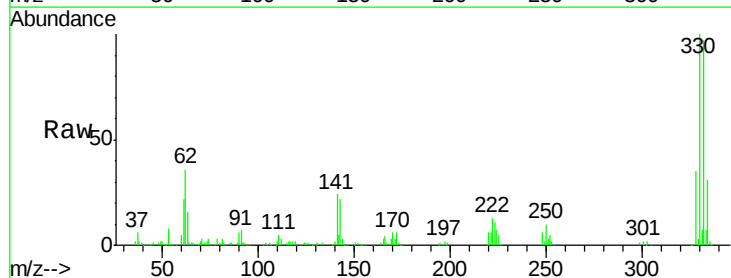


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

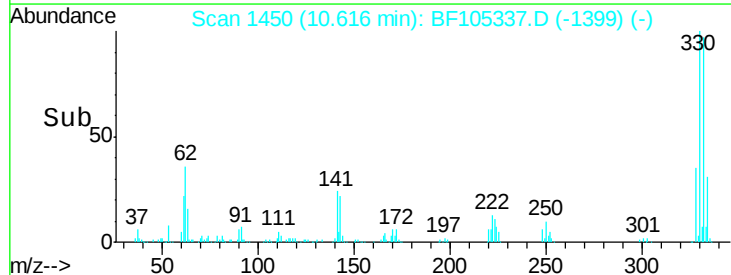
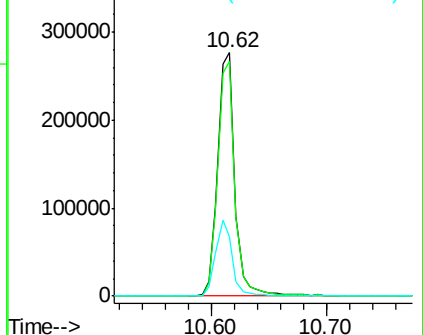


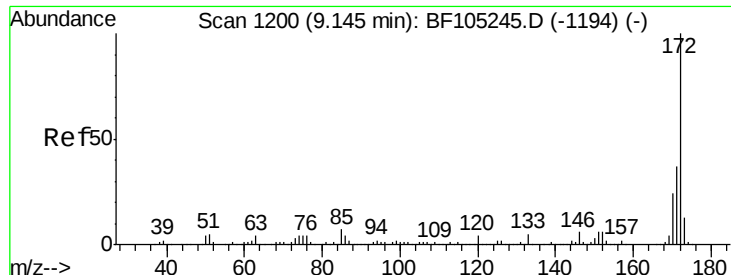
#41
 2,4,6-Tribromophenol
 Concen: 74.126 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105337.D
 Acq: 12 May 2018 15:10

Tgt Ion:330 Resp: 287277
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 30.3 29.9 44.9



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

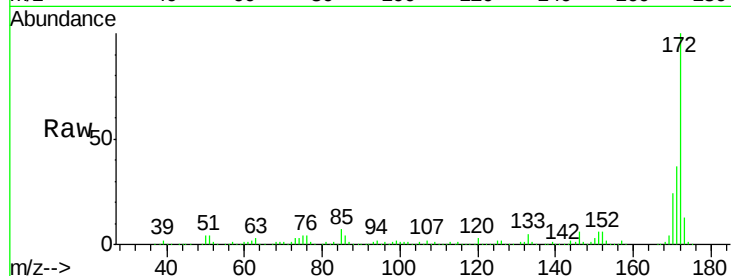




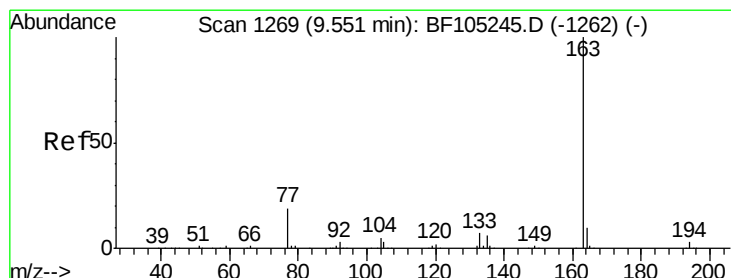
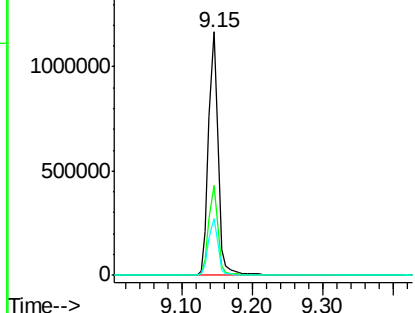
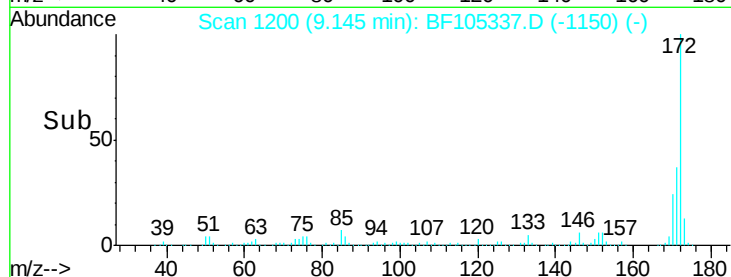
#44
2-Fluorobiphenyl
Concen: 53.184 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Instrument :
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ClientSampleId :
CONCRETE-RUBBLE-PILE-A

Tot Ion:172 Resp: 1106898
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 23.5 19.6 29.4

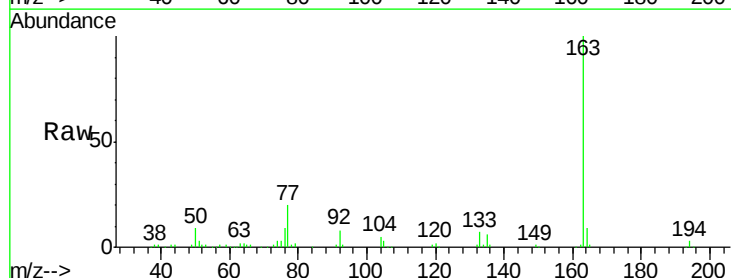


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

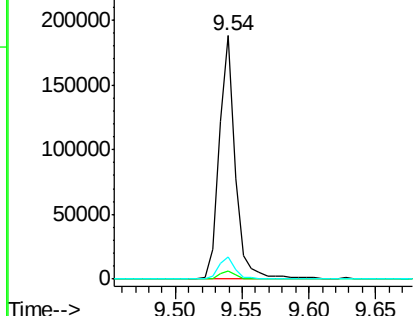
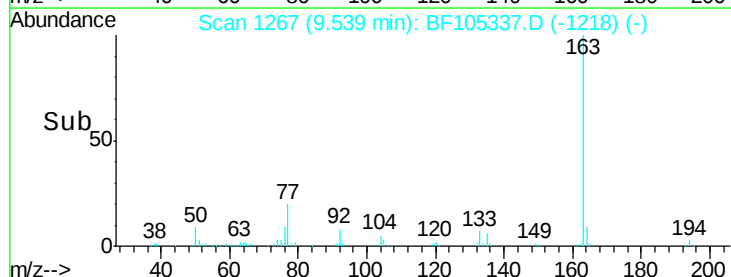


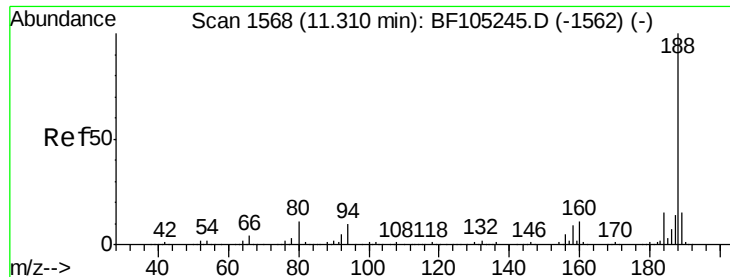
#49
Dimethylphthalate
Concen: 7.027 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Tgt Ion:163 Resp: 161830
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

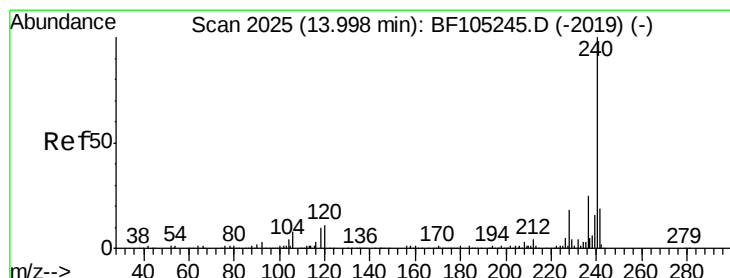
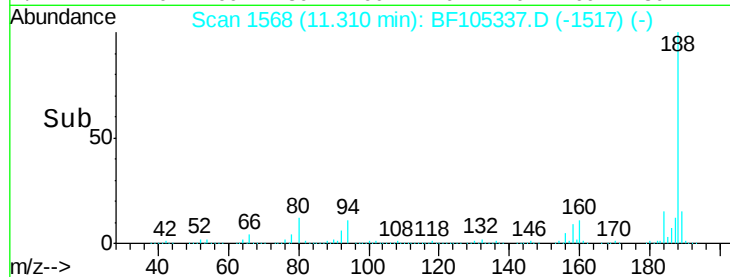
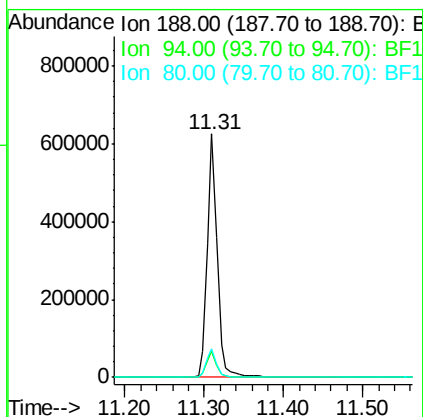
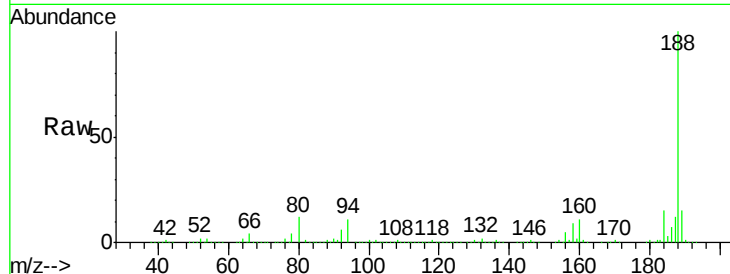




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

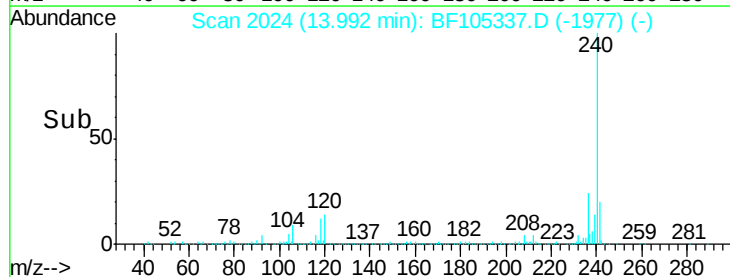
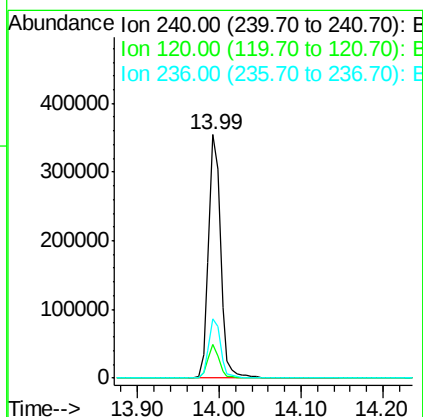
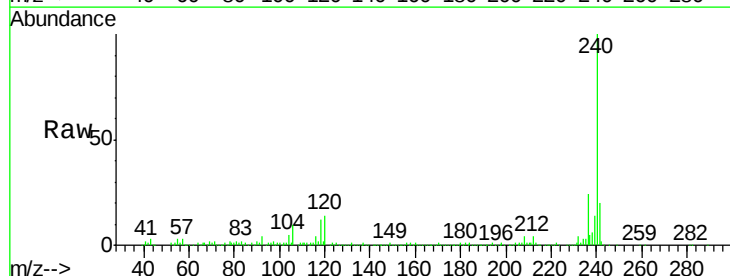
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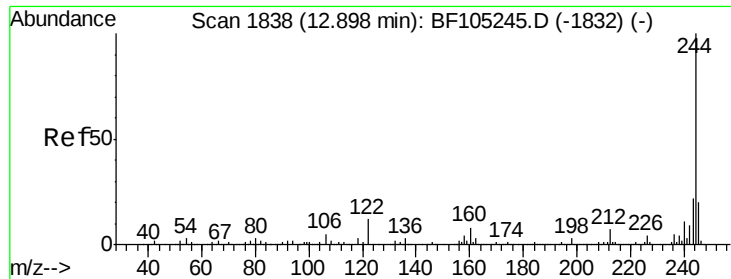
Tot Ion:188 Resp: 555895
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF105337.D
Acq: 12 May 2018 15:10

Tgt Ion:240 Resp: 364048
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 64.760 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105337.D

Acq: 12 May 2018 15:10

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RUBBLE-PILE-A

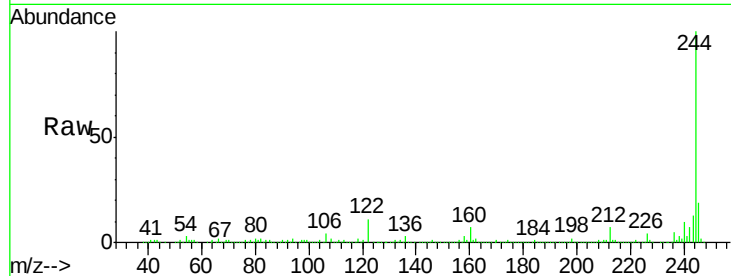
Tot Ion:244 Resp: 1096721

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

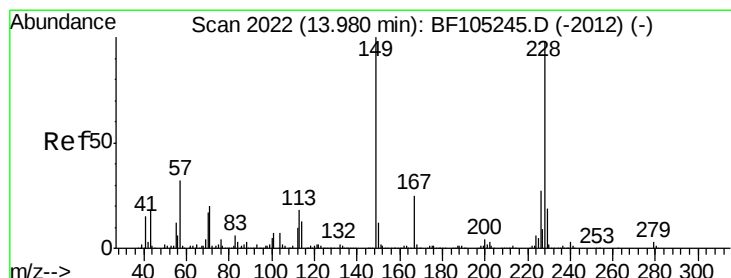
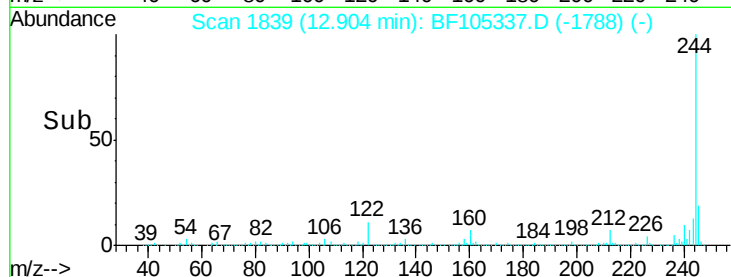
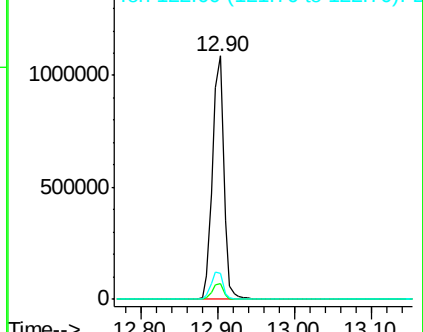
122 10.6 11.0 16.4#



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: 3.770 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF105337.D

Acq: 12 May 2018 15:10

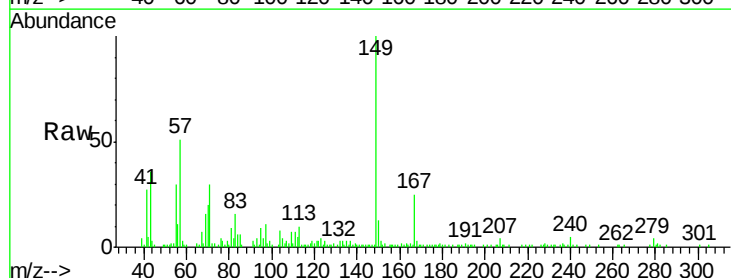
Tgt Ion:149 Resp: 56496

Ion Ratio Lower Upper

149 100

167 25.0 21.3 31.9

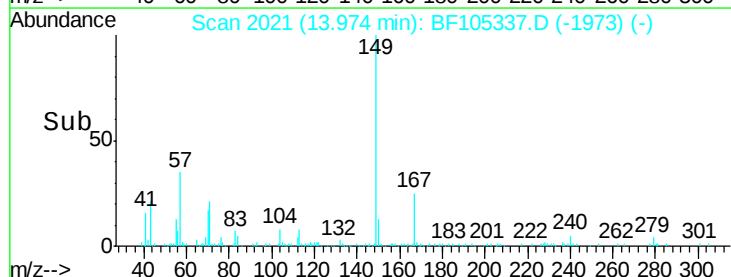
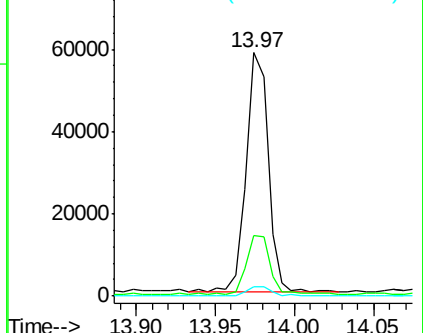
279 3.8 3.0 4.4

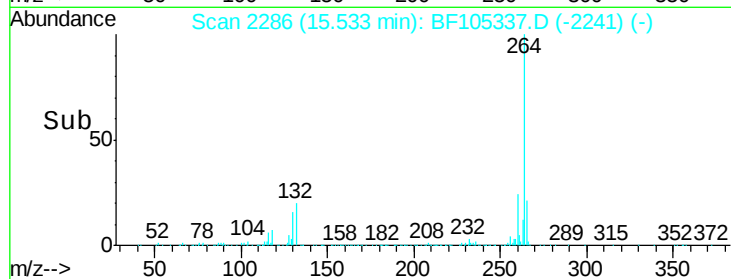
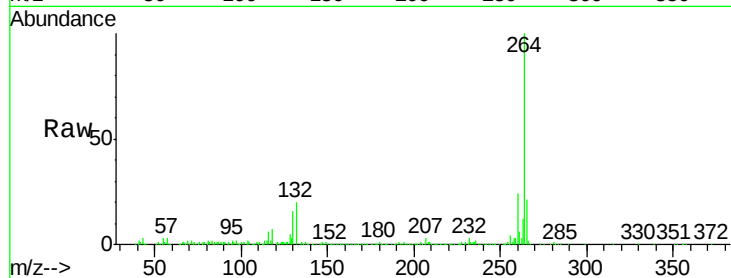
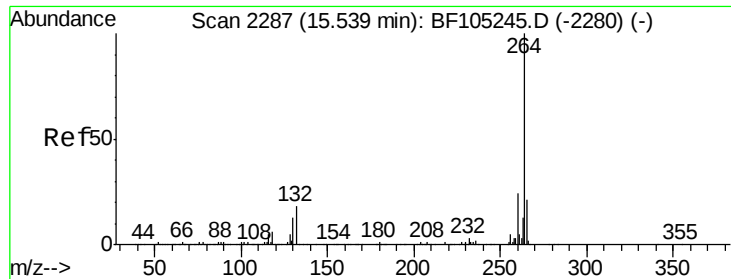


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.53 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: BF105337.D
 Acq: 12 May 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3

