

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097286.D
 Acq On : 2 Aug 2017 21:11
 Operator : SJ/JU
 Sample : I4566-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REFUSE-PIT

Quant Time: Aug 03 00:06:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

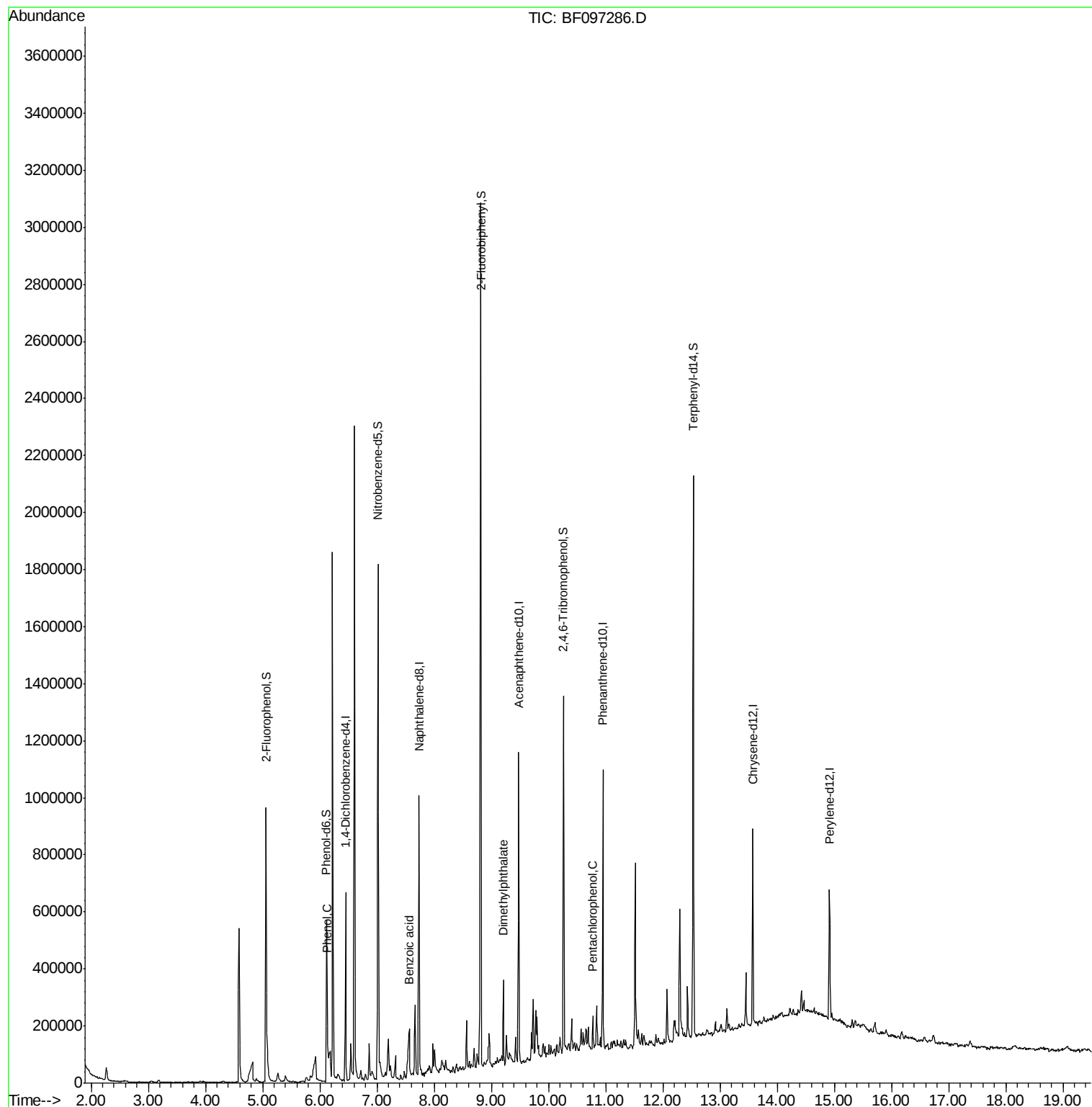
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	105777	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	431278	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	215071	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	331390	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	217003	20.00	ng	-0.05
86) Perylene-d12	14.92	264	180360	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	326972	46.60	ng	-0.04
7) Phenol-d6	6.12	99	225644	28.17	ng	-0.05
23) Nitrobenzene-d5	7.02	82	624241	84.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	138279	81.38	ng	-0.05
44) 2-Fluorobiphenyl	8.82	172	1051974	83.01	ng	-0.05
78) Terphenyl-d14	12.54	244	689227	64.76	ng	-0.05
Target Compounds						
10) Phenol	6.13	94	32614	3.432	ng	93
32) Benzoic acid	7.56	122	73024	14.311	ng	89
49) Dimethylphthalate	9.21	163	100488	6.153	ng	97
69) Pentachlorophenol	10.78	266	14066	9.167	ng	95

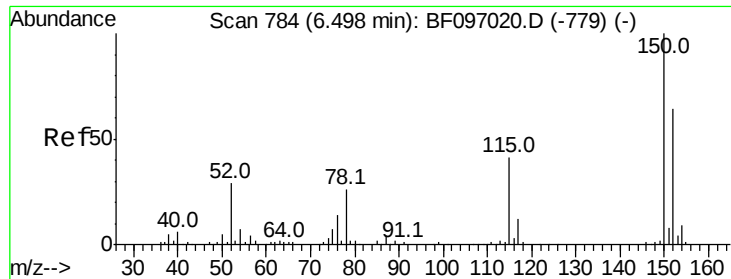
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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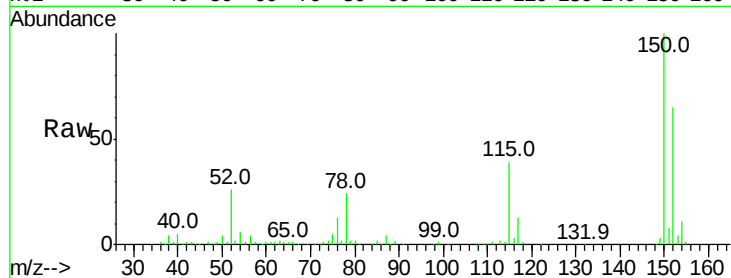


#1

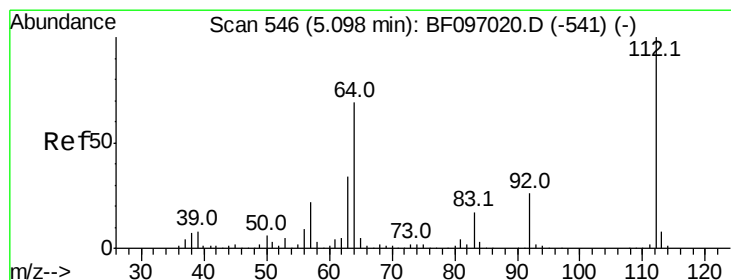
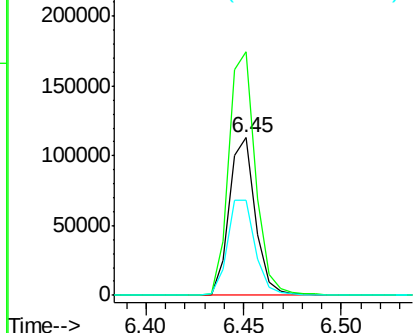
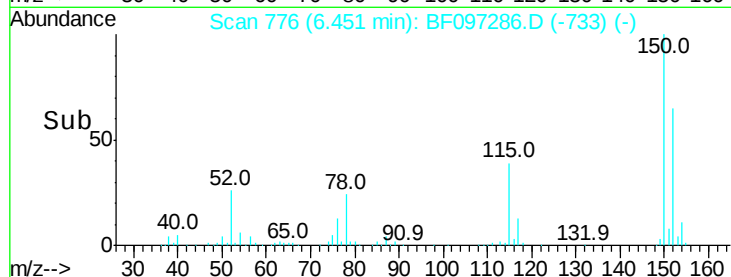
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 REFUSE-PIT

Tot Ion:152 Resp: 105777
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 60.6 52.2 78.2



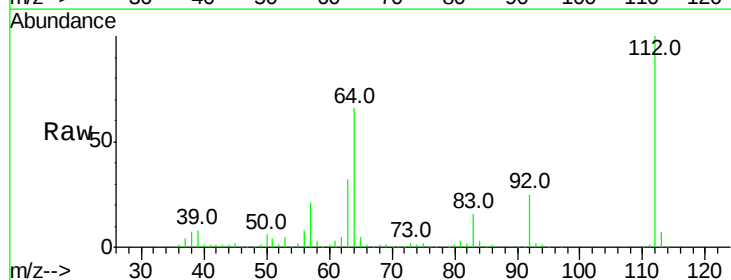
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



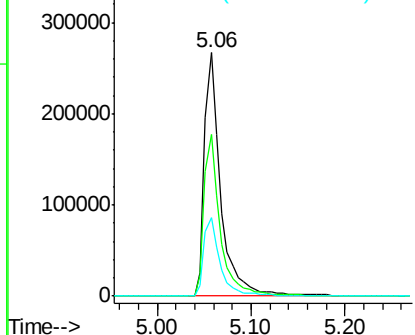
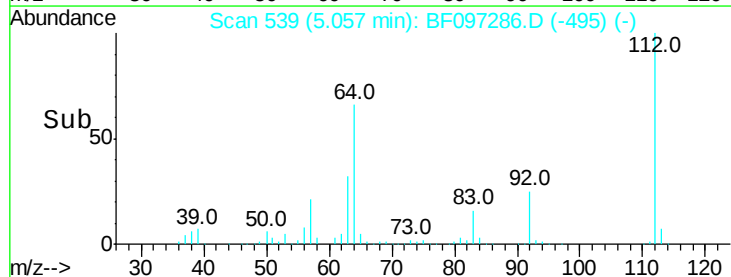
#5

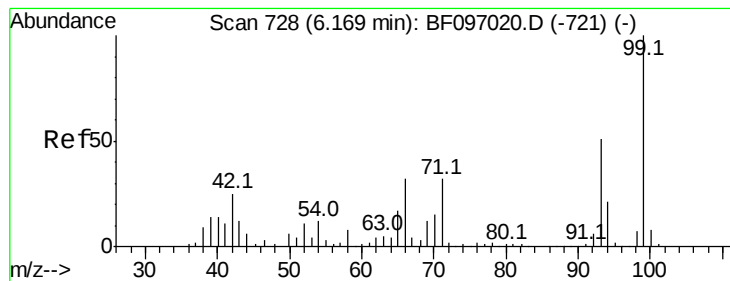
2-Fluorophenol
 Concen: 46.599 ng
 RT: 5.06 min Scan# 539
 Delta R.T. -0.04 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Tgt Ion:112 Resp: 326972
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.0 69.0
 63 32.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.169 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

Instrument :

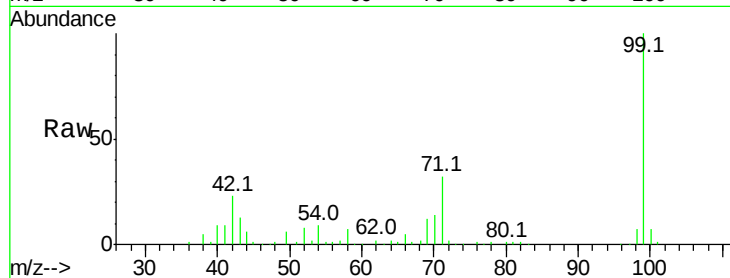
BNA_F

ClientSampleId :

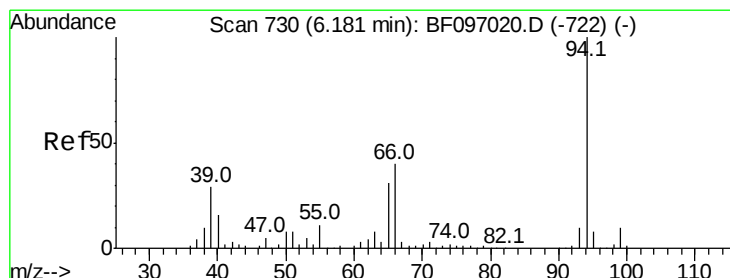
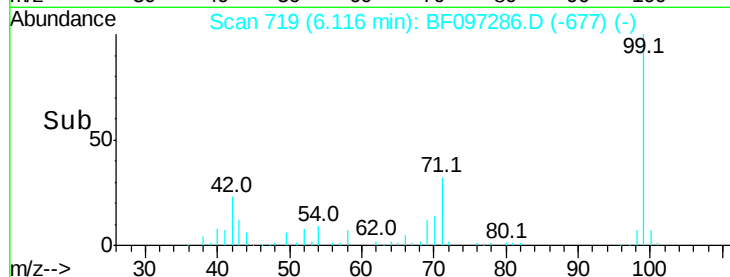
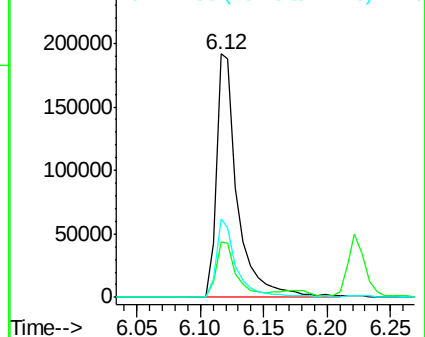
REFUSE-PIT

Tot Ion: 99 Resp: 225644

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.432 ng

RT: 6.13 min Scan# 722

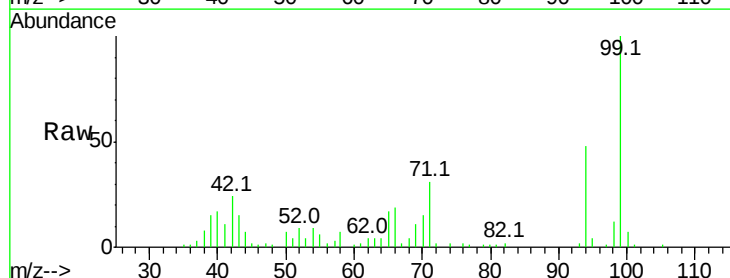
Delta R.T. -0.05 min

Lab File: BF097286.D

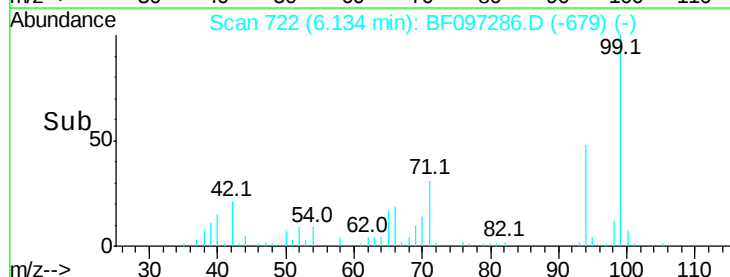
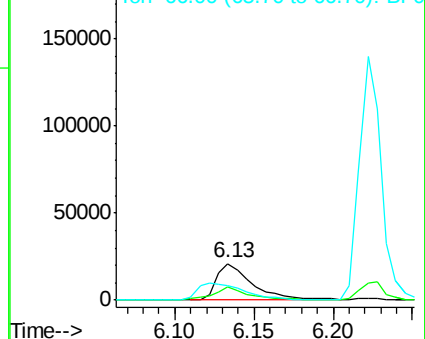
Acq: 2 Aug 2017 21:11

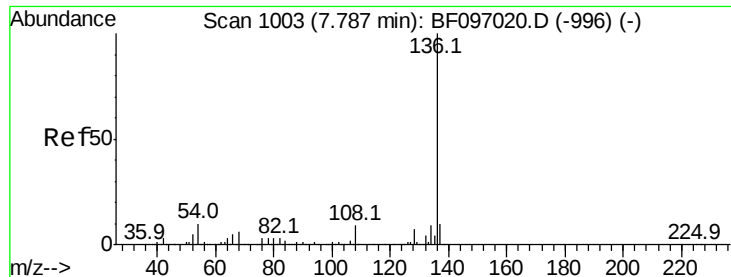
Tgt Ion: 94 Resp: 32614

Ion	Ratio	Lower	Upper
94	100		
65	34.4	9.9	49.9
66	39.5	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

Instrument :

BNA_F

ClientSampleId :

REFUSE-PIT

Tot Ion:136 Resp: 431278

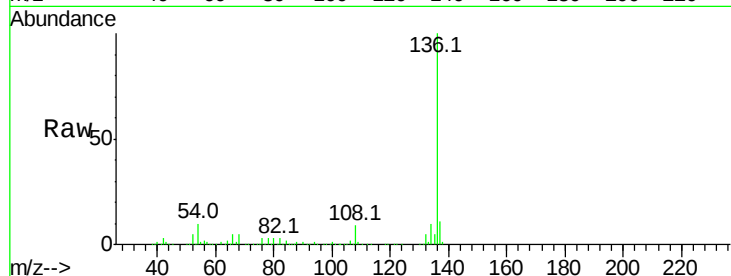
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.6 4.9 7.3#

68 5.1 4.1 6.1

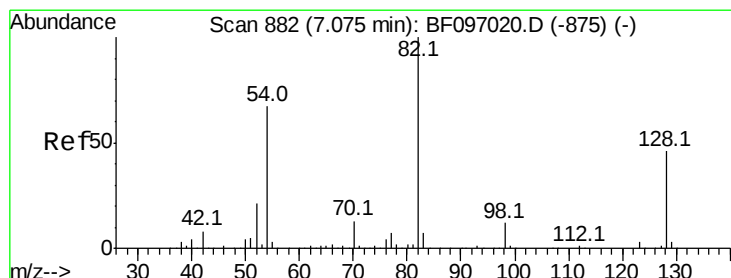
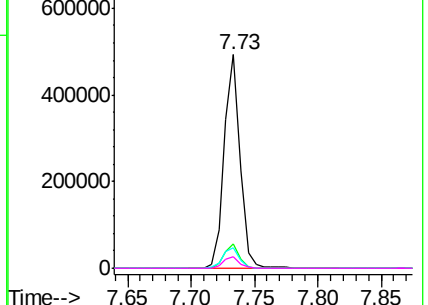
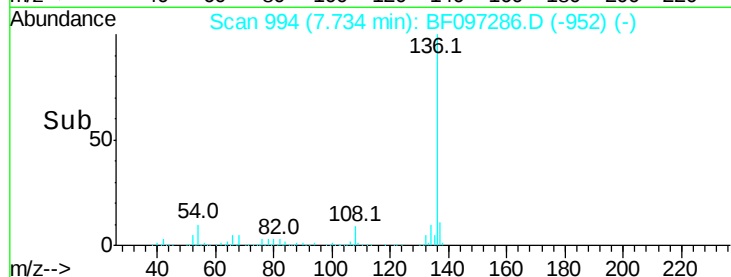


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 84.912 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

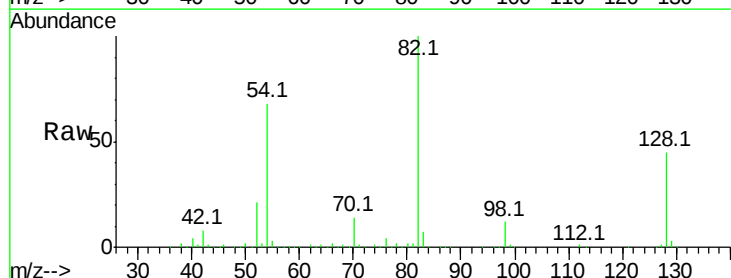
Tgt Ion: 82 Resp: 624241

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

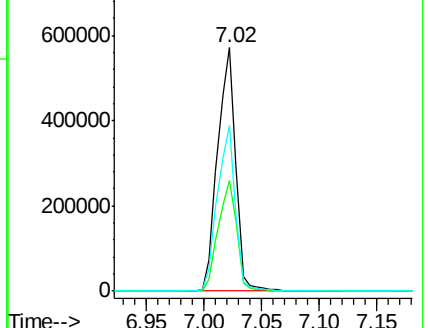
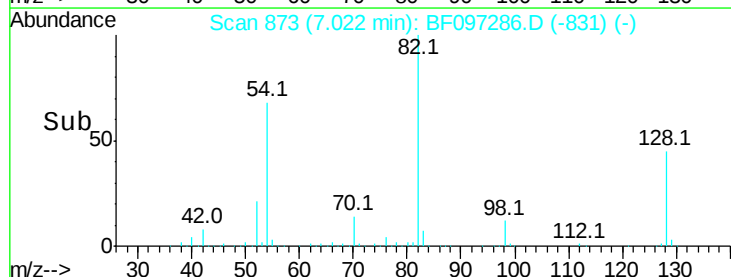
54 67.8 42.2 63.2#

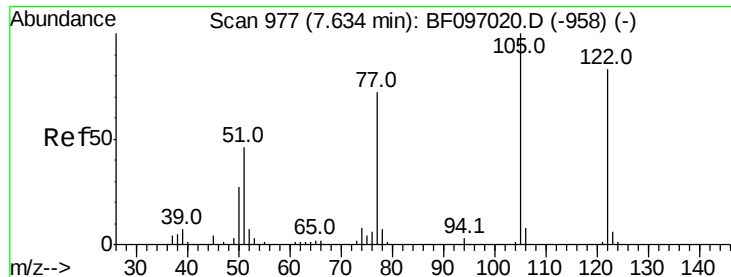


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 14.311 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.07 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

Instrument :

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REFUSE-PIT

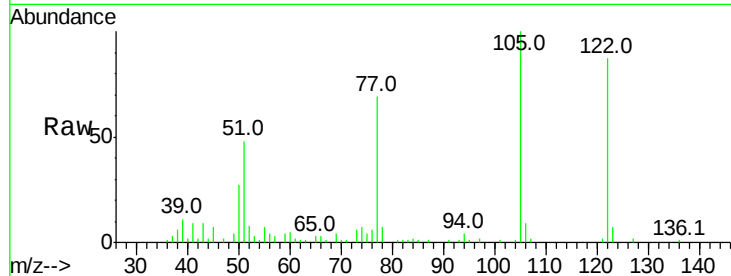
Tot Ion:122 Resp: 73024

Ion Ratio Lower Upper

122 100

105 114.7 103.3 143.3

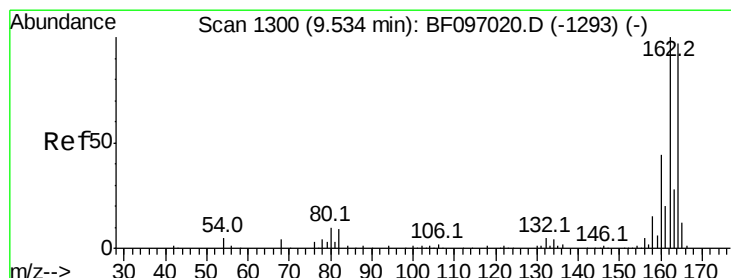
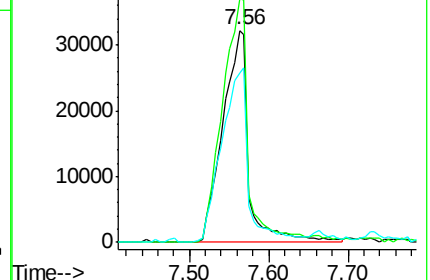
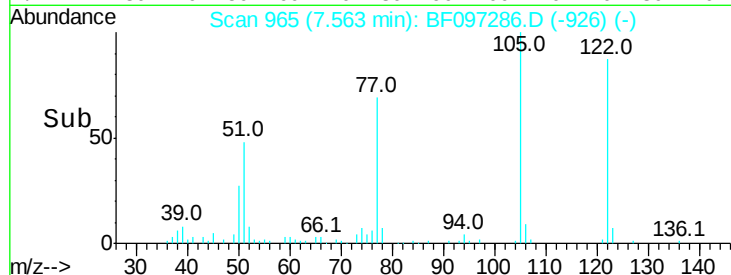
77 79.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

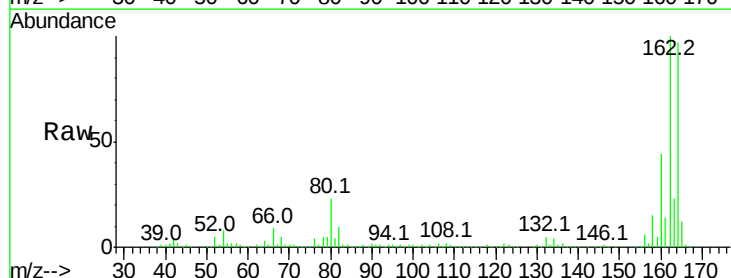
Tgt Ion:164 Resp: 215071

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

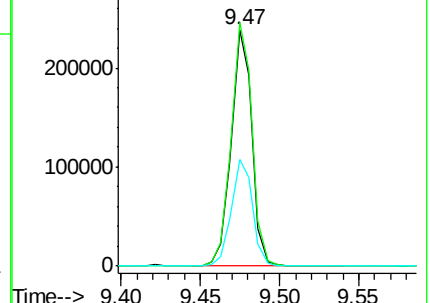
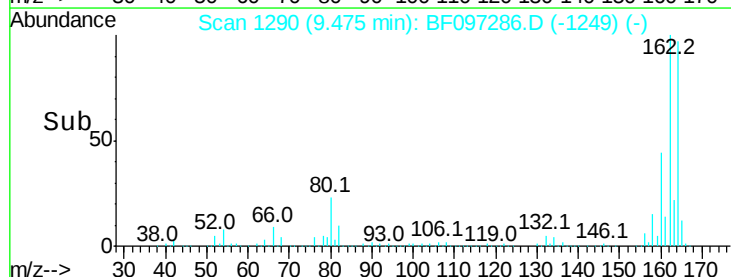
160 45.2 36.2 54.2

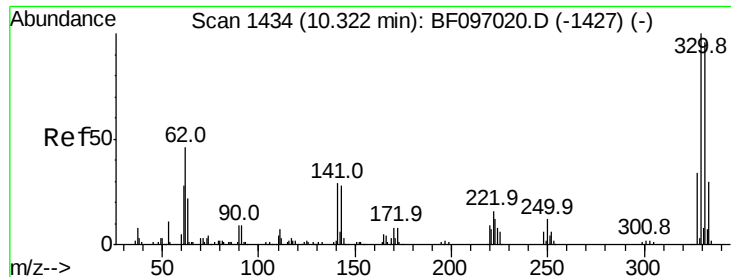


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

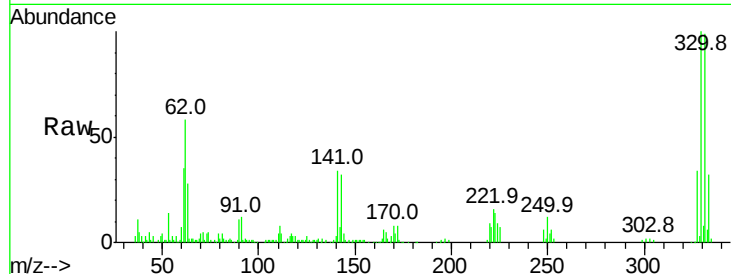




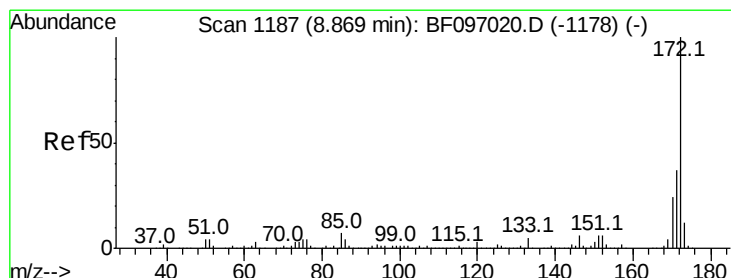
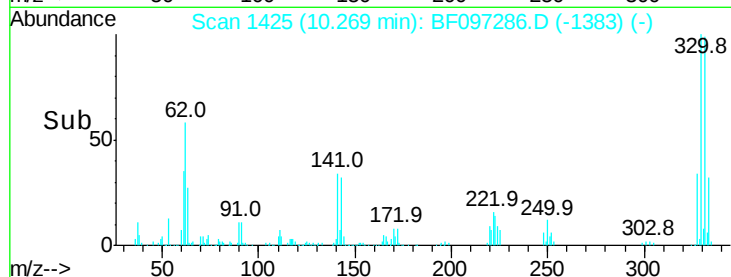
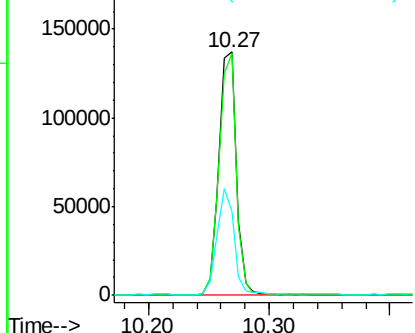
#41
 2,4,6-Tribromophenol
 Concen: 81.376 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 REFUSE-PIT

Tot Ion:330 Resp: 138279
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 41.7 31.4 47.2

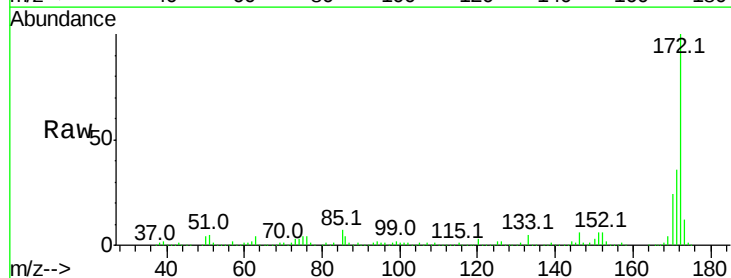


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

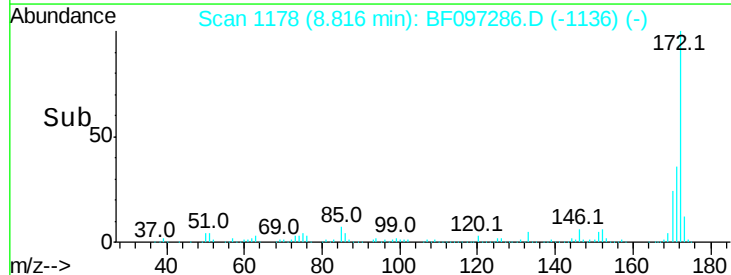
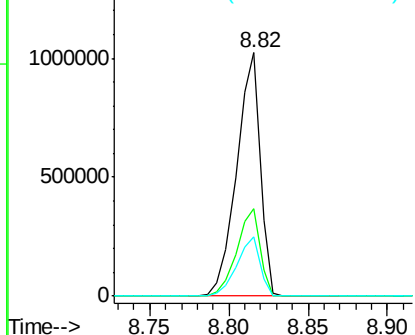


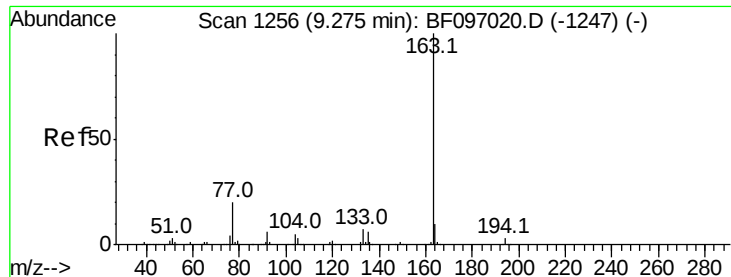
#44
 2-Fluorobiphenyl
 Concen: 83.010 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Tgt Ion:172 Resp: 1051974
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 19.8 29.8



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

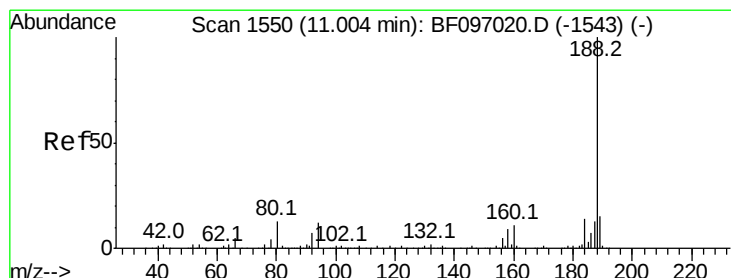
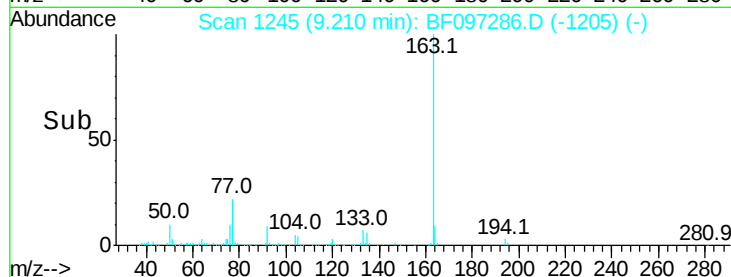
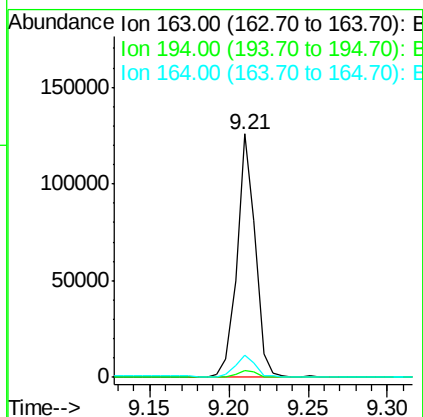
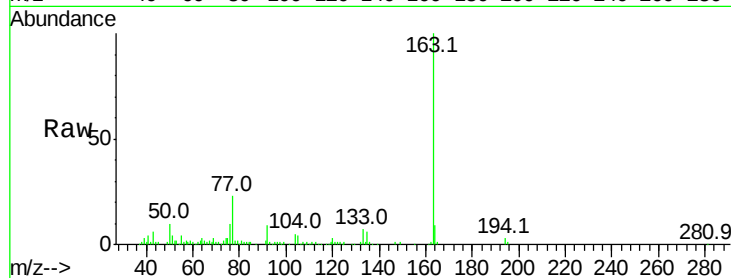




#49
Dimethylphthalate
Concen: 6.153 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

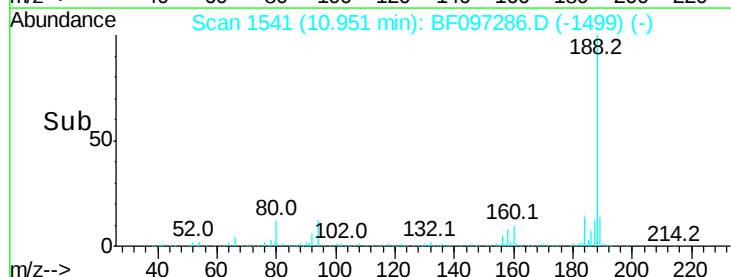
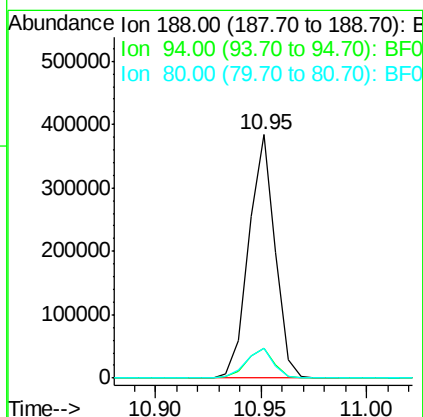
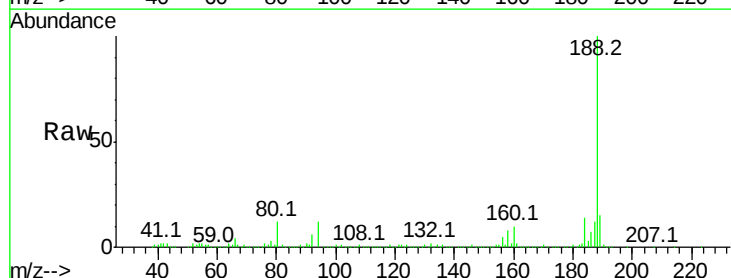
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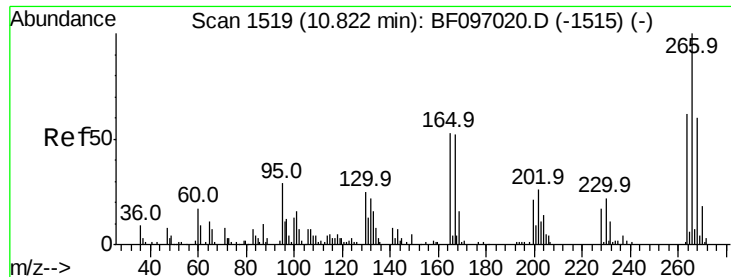
Tot Ion:163 Resp: 100488
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:188 Resp: 331390
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.1 10.2 15.2

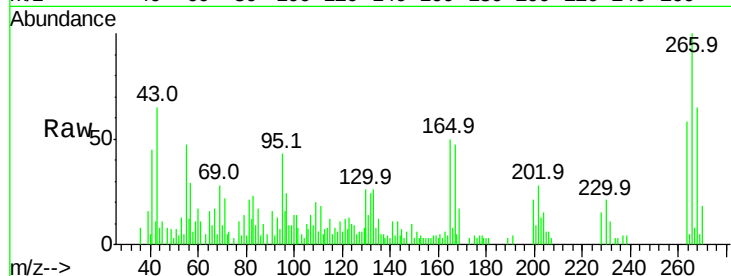




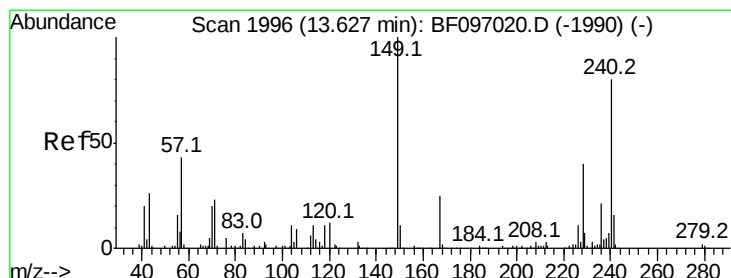
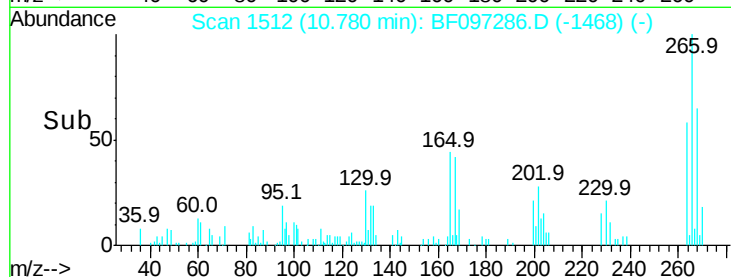
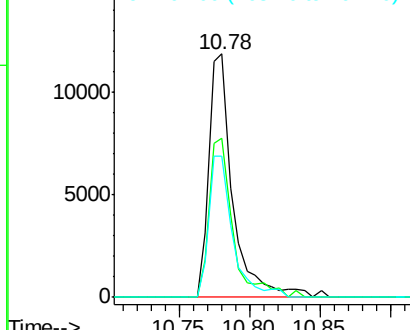
#69
 Pentachlorophenol
 Concen: 9.167 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 REFUSE-PIT

Tot Ion:266 Resp: 14066
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 58.2 51.7 77.5

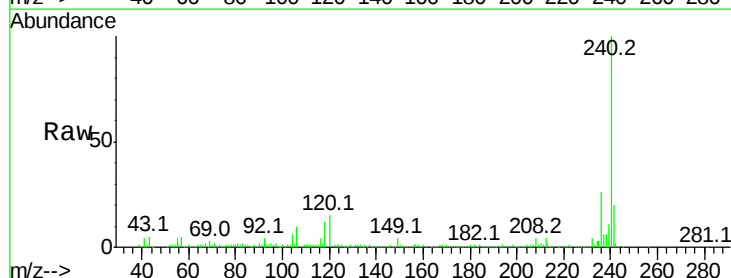


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

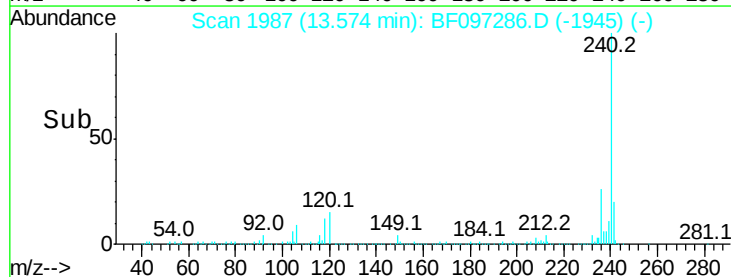
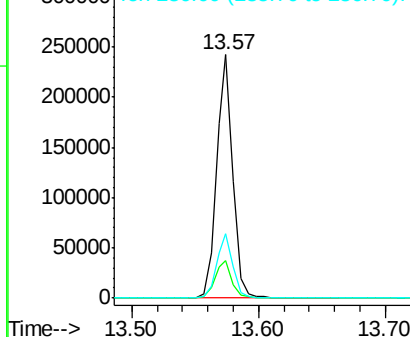


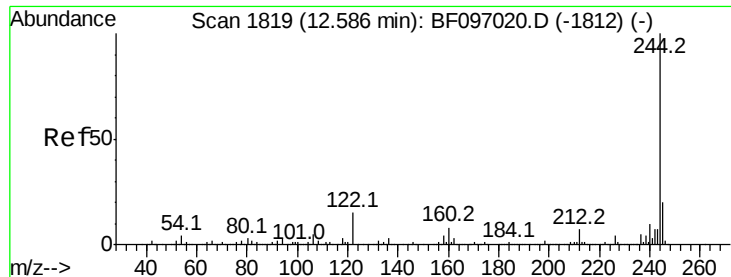
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.05 min
 Lab File: BF097286.D
 Acq: 2 Aug 2017 21:11

Tgt Ion:240 Resp: 217003
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 26.4 20.5 30.7



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: 64.756 ng

RT: 12.54 min Scan# 1811

Delta R.T. -0.05 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

Instrument :

BNA_F

ClientSampleId :

REFUSE-PIT

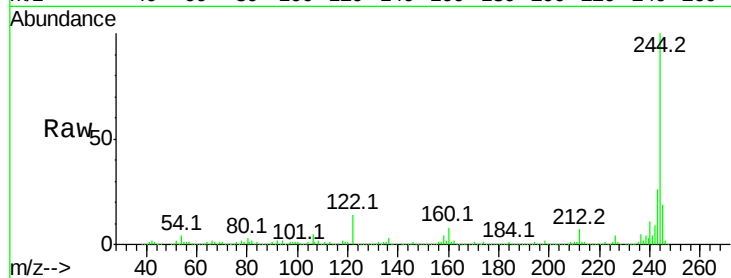
Tot Ion:244 Resp: 689227

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

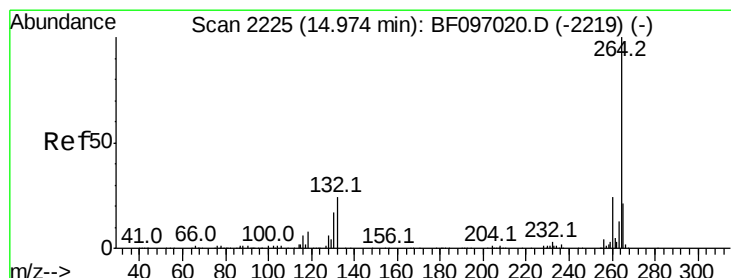
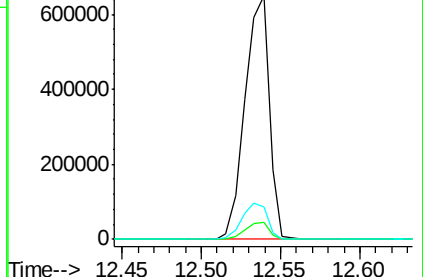
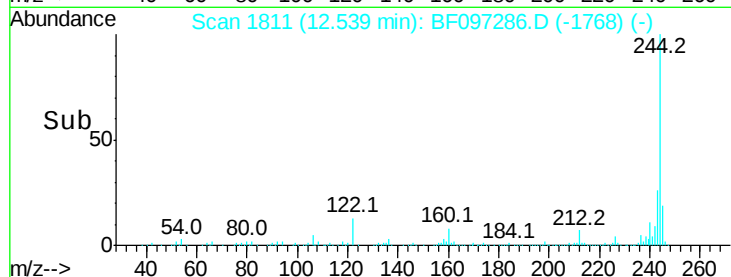
122 13.6 10.3 15.5



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: 14.92 min Scan# 2215

Delta R.T. -0.06 min

Lab File: BF097286.D

Acq: 2 Aug 2017 21:11

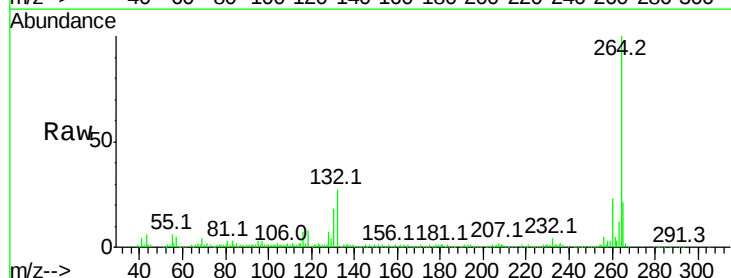
Tgt Ion:264 Resp: 180360

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.3 17.2 25.8



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

