

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098261.D
 Acq On : 2 Sep 2017 22:24
 Operator : SJ/JU
 Sample : I5055-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Quant Time: Sep 04 08:24:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

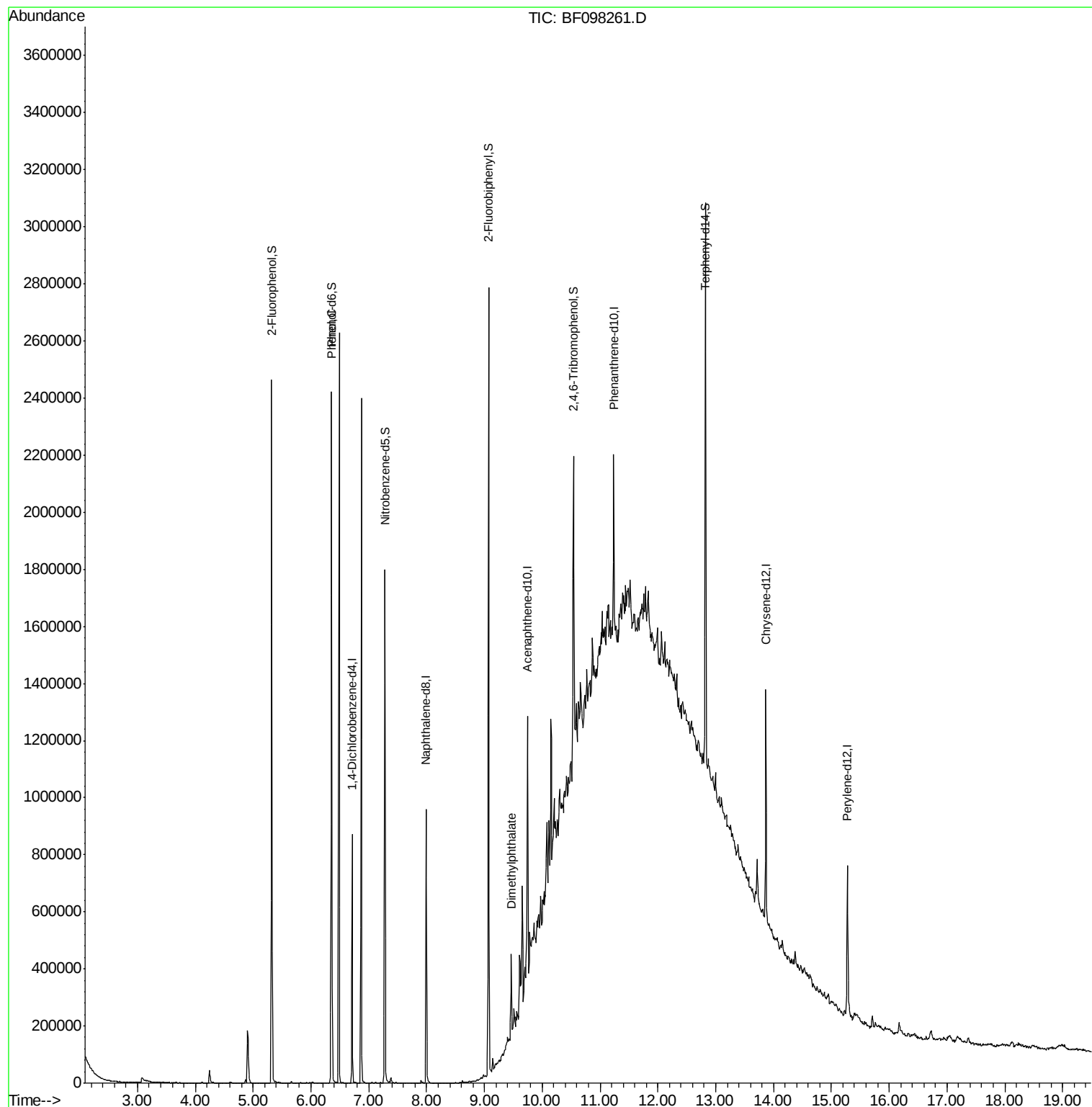
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	110808	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	416716	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	162300	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	267664	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	281879	20.00	ng	-0.03
86) Perylene-d12	15.28	264	222538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	816071	112.02	ng	-0.02
7) Phenol-d6	6.36	99	1091279	110.25	ng	-0.03
23) Nitrobenzene-d5	7.28	82	649649	84.69	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	162504	115.40	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	923802	83.63	ng	-0.04
78) Terphenyl-d14	12.82	244	735285	54.40	ng	-0.03
Target Compounds						
10) Phenol	6.37	94	25639	2.215	ng	96
49) Dimethylphthalate	9.47	163	110490	9.313	ng	98

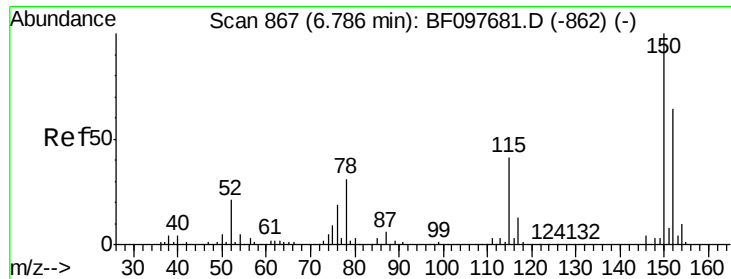
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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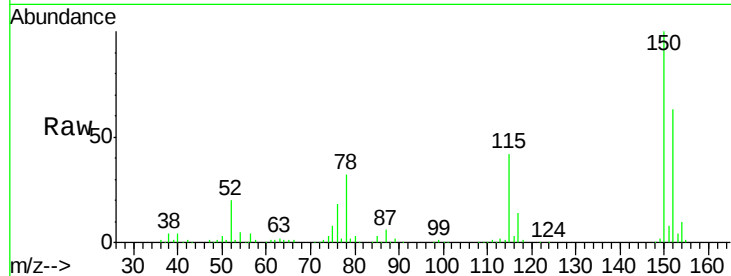


#1

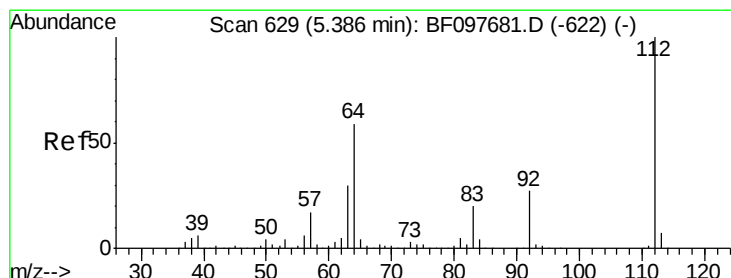
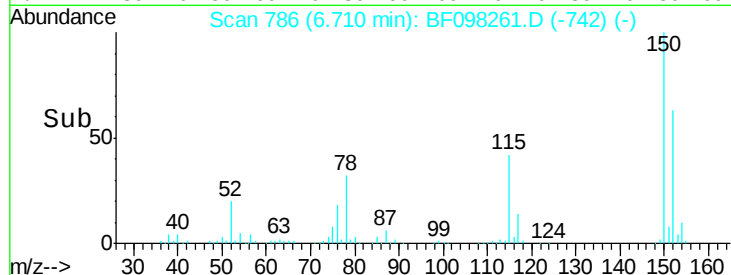
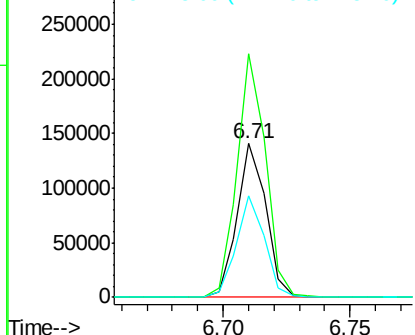
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Tgt Ion:152 Resp: 110808
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.2 189.2
 115 66.5 52.2 78.2



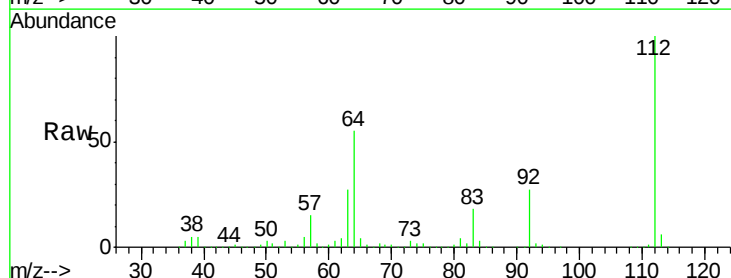
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



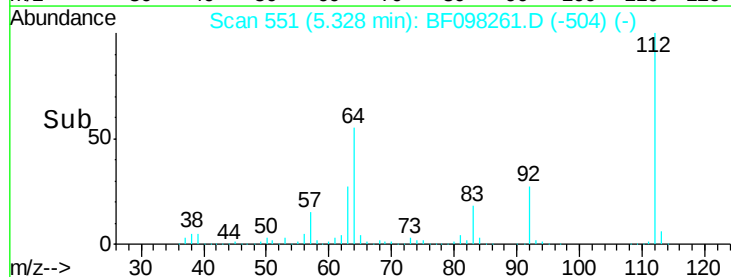
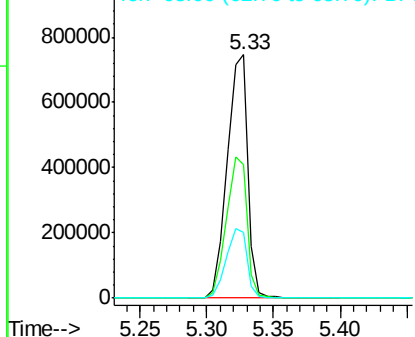
#5

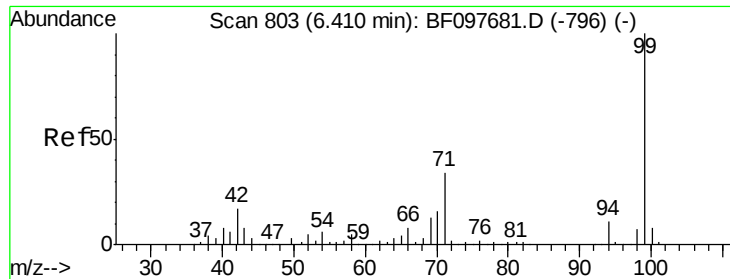
2-Fluorophenol
 Concen: 112.023 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Tgt Ion:112 Resp: 816071
 Ion Ratio Lower Upper
 112 100
 64 55.0 46.0 69.0
 63 27.1 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: 110.252 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampleId :

RT3992-20-41-RT3451-1550

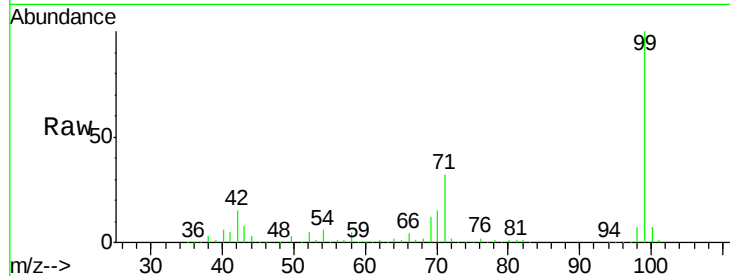
Tgt Ion: 99 Resp: 1091279

Ion Ratio Lower Upper

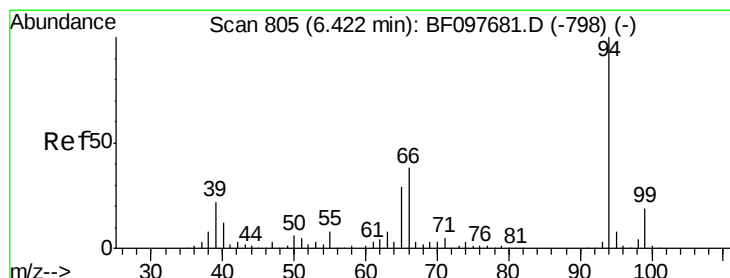
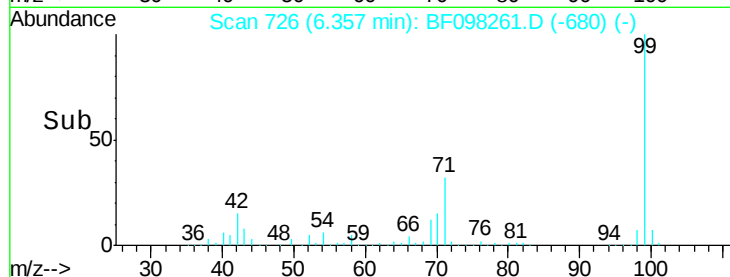
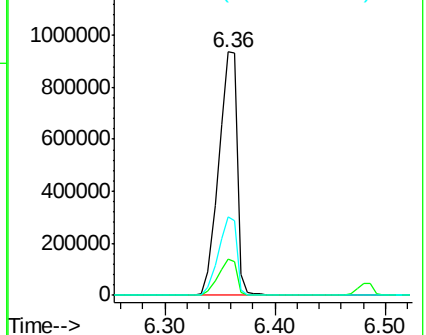
99 100

42 14.9 13.5 20.3

71 32.4 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: 2.215 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

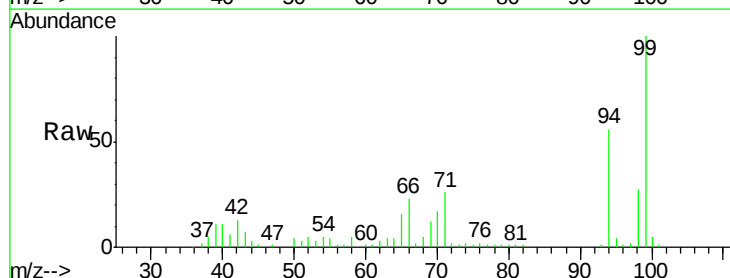
Tgt Ion: 94 Resp: 25639

Ion Ratio Lower Upper

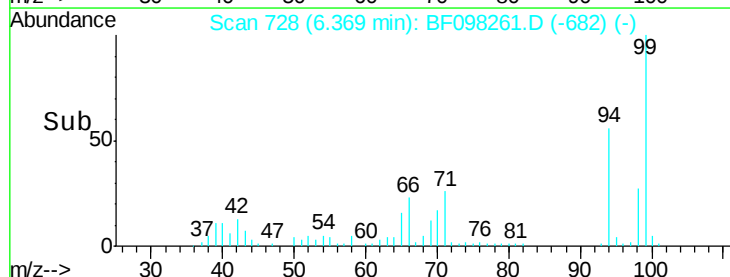
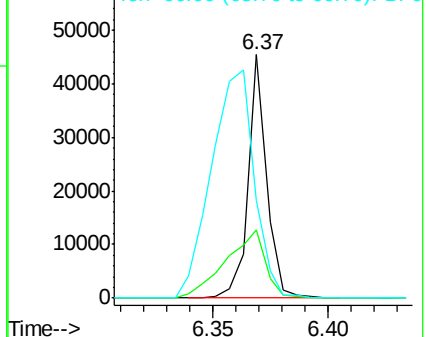
94 100

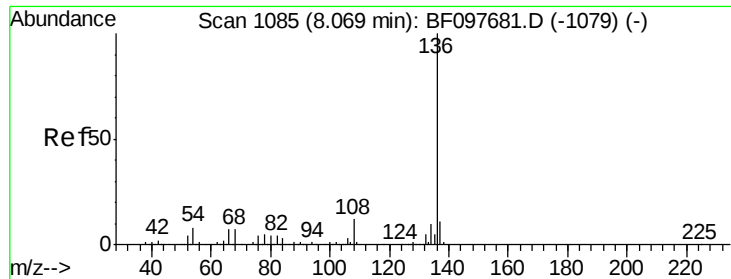
65 27.9 9.9 49.9

66 40.2 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

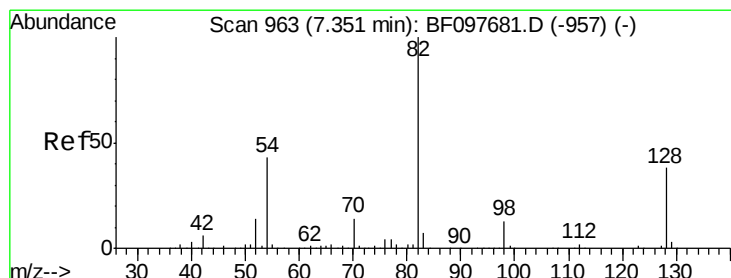
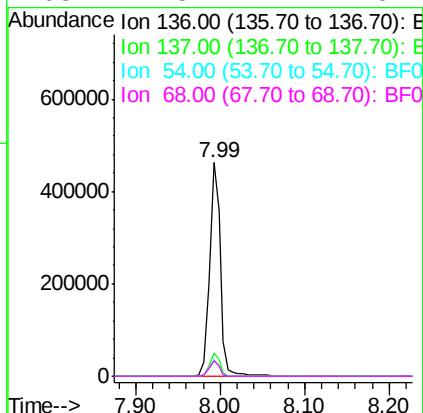
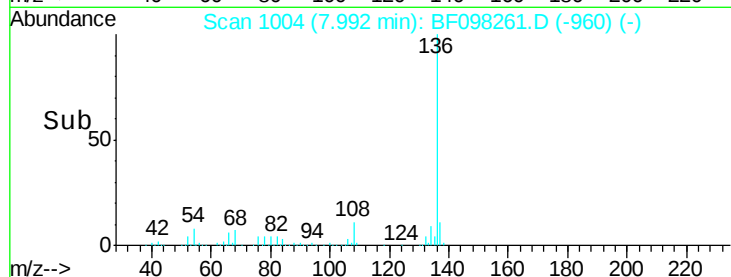
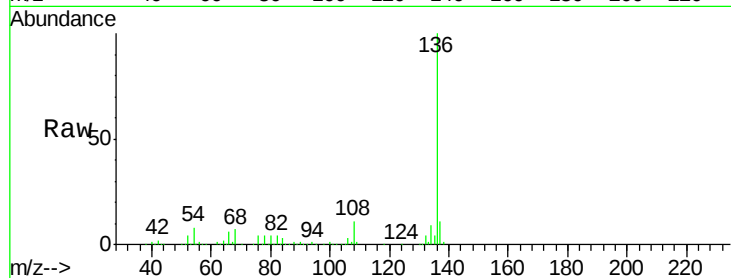




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

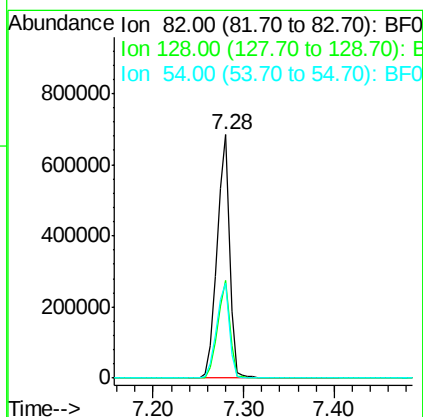
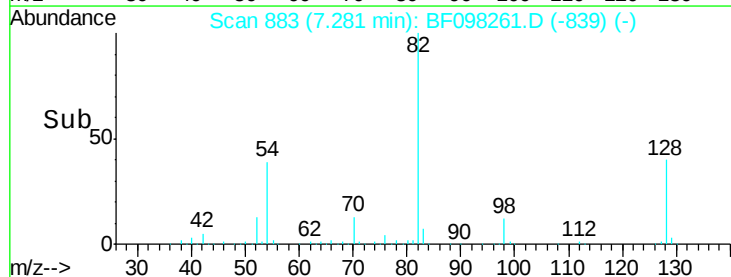
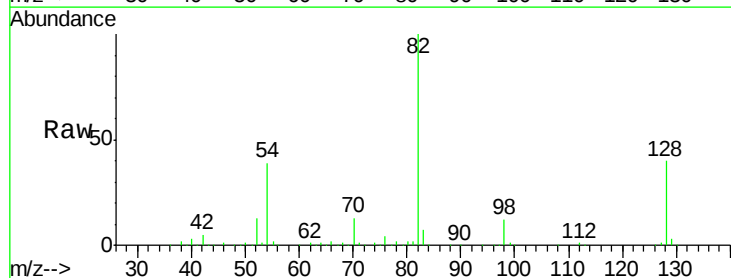
Instrument :
BNA_F
ClientSampleId :
RT3992-20-41-RT3451-1550

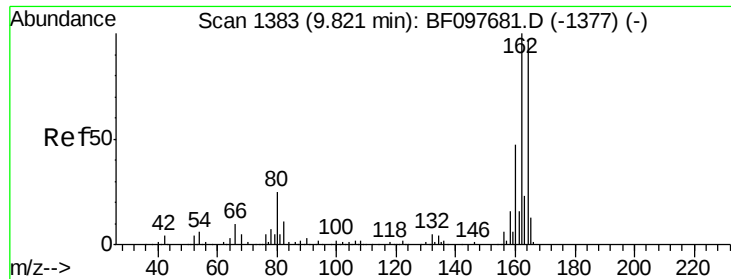
Tgt Ion:	136	Resp:	416716
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.8	4.9	7.3#
68	7.5	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 84.691 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Tgt Ion:	82	Resp:	649649
Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	39.3	42.2	63.2#

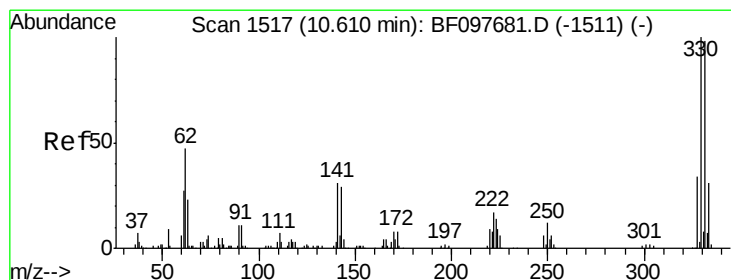
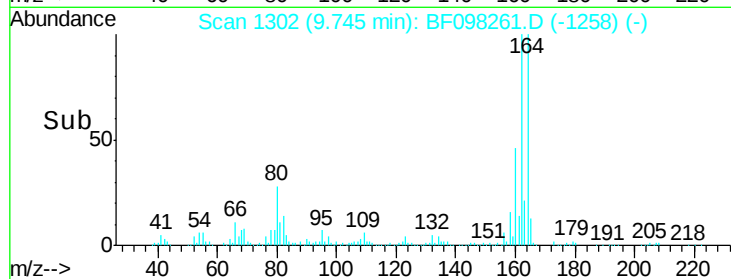
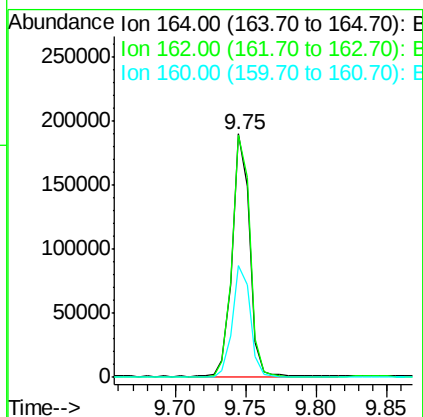
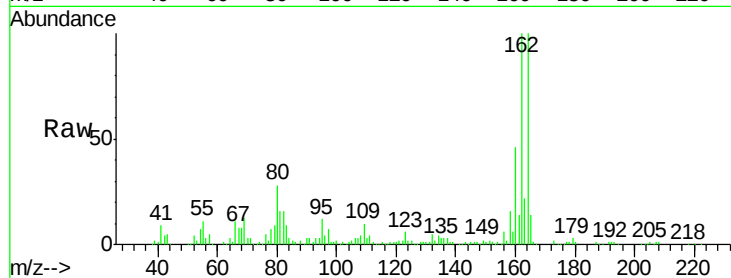




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

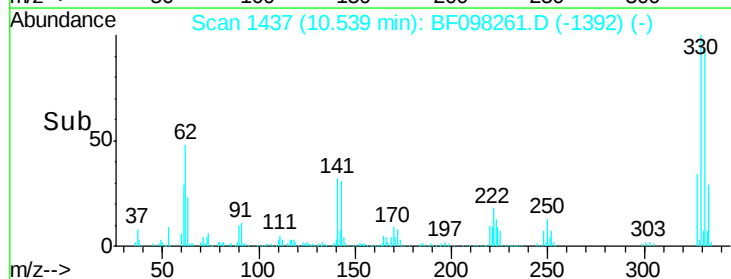
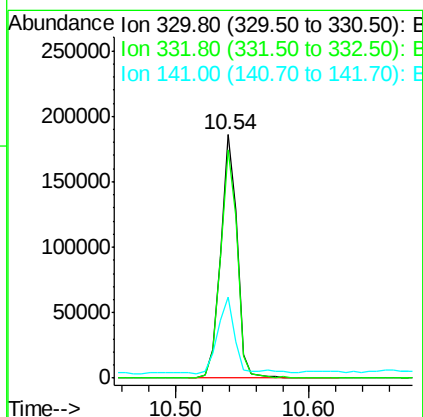
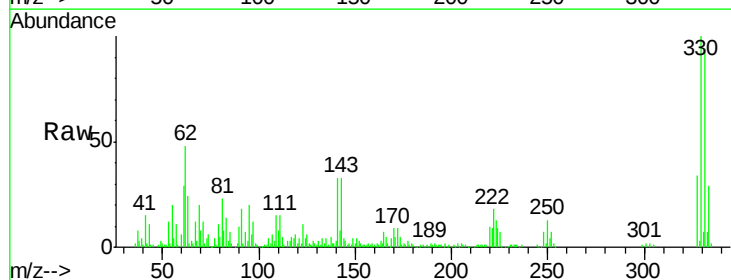
Instrument :
 BNA_F
 ClientSampleId :
 RT3992-20-41-RT3451-1550

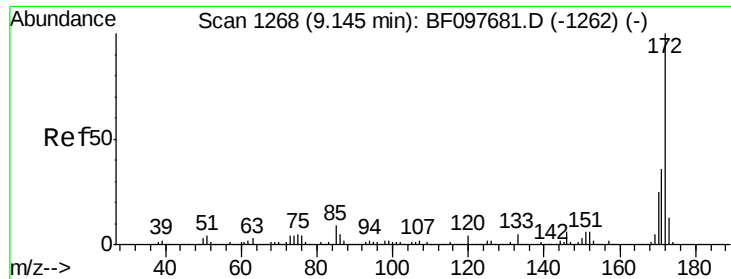
Tgt Ion:164 Resp: 162300
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 46.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 115.397 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Tgt Ion:330 Resp: 162504
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 31.7 31.4 47.2

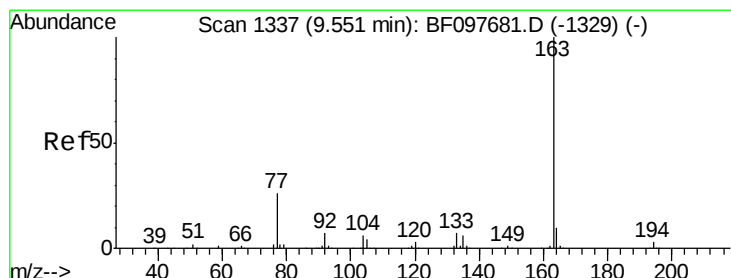
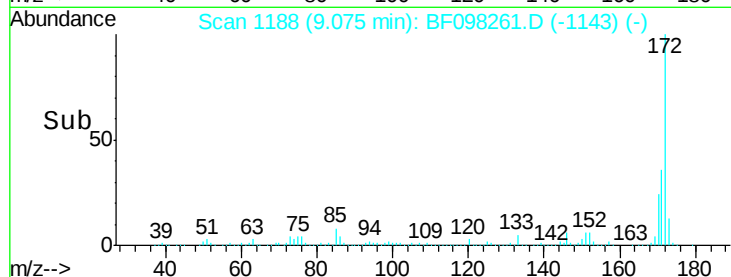
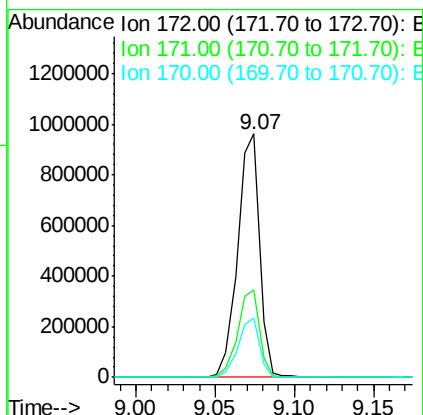
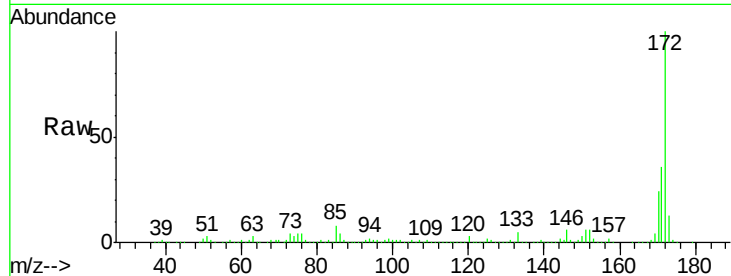




#44
2-Fluorobiphenyl
Concen: 83.626 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

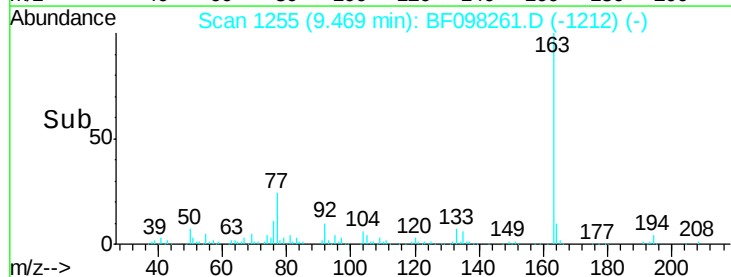
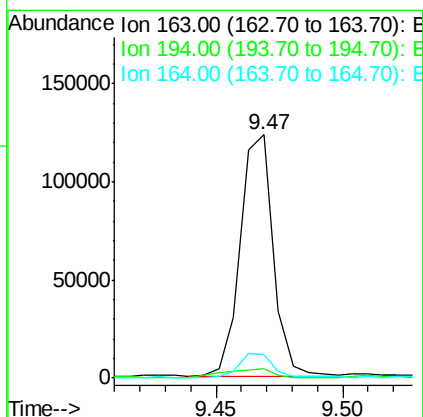
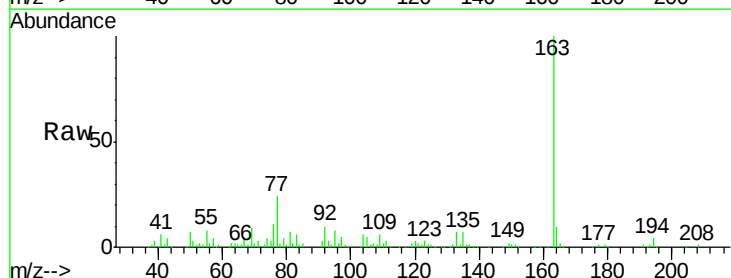
Instrument :
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ClientSampleId :
RT3992-20-41-RT3451-1550

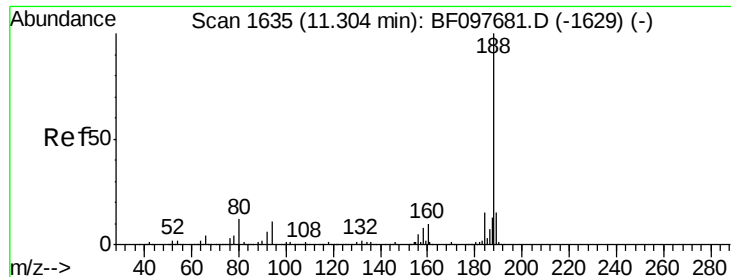
Tgt Ion:172 Resp: 923802
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.313 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Tgt Ion:163 Resp: 110490
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.7 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampleId :

RT3992-20-41-RT3451-1550

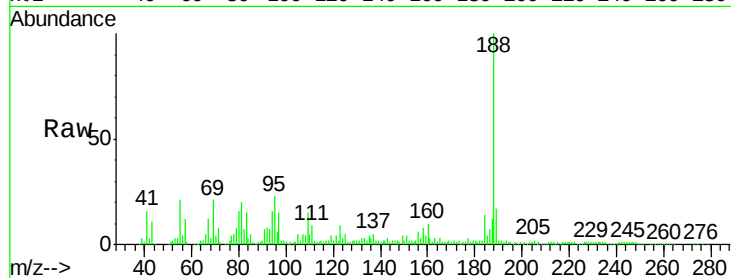
Tgt Ion:188 Resp: 267664

Ion Ratio Lower Upper

188 100

94 15.6 9.4 14.2#

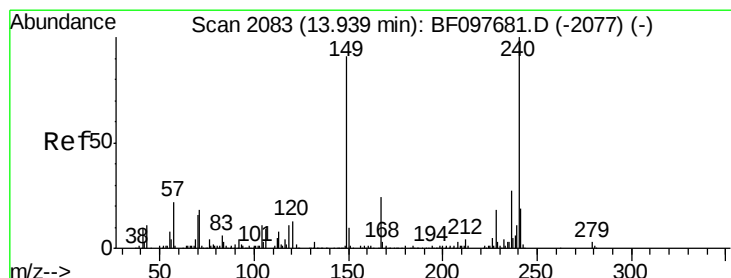
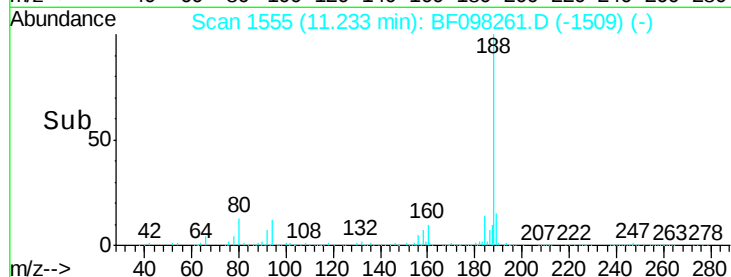
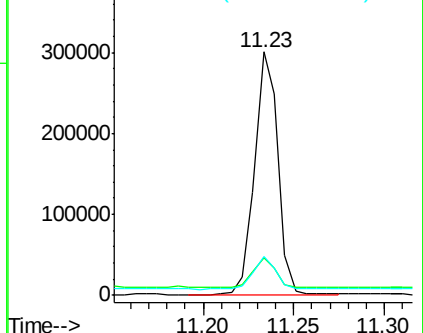
80 15.9 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

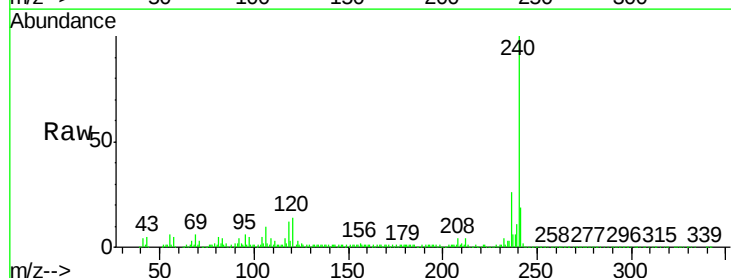
Tgt Ion:240 Resp: 281879

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

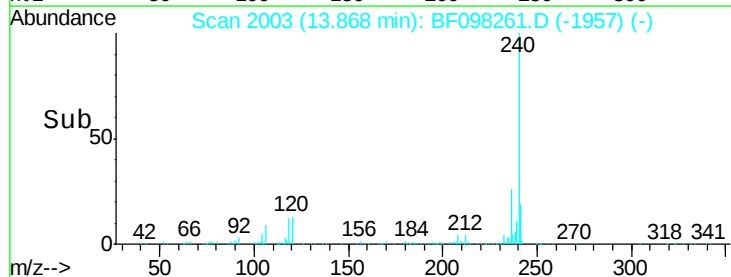
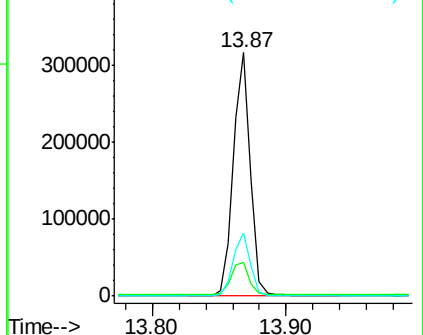
236 26.1 20.5 30.7

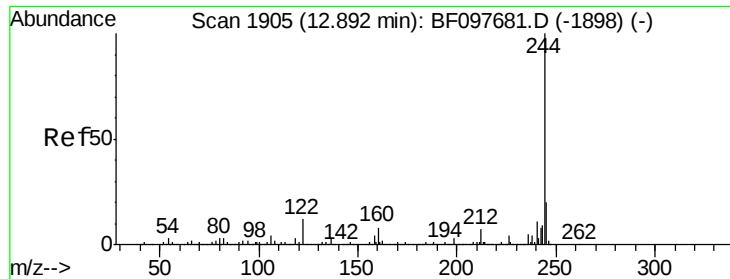


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.396 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098261.D

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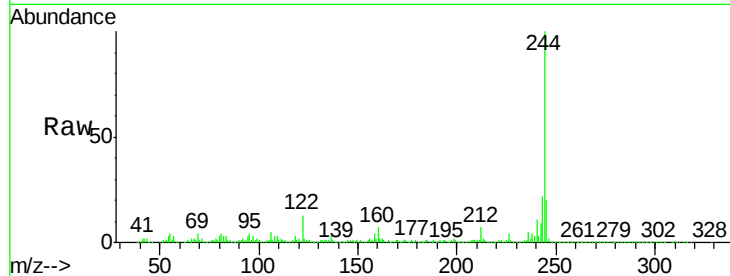
Tgt Ion:244 Resp: 735285

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 13.0 10.3 15.5



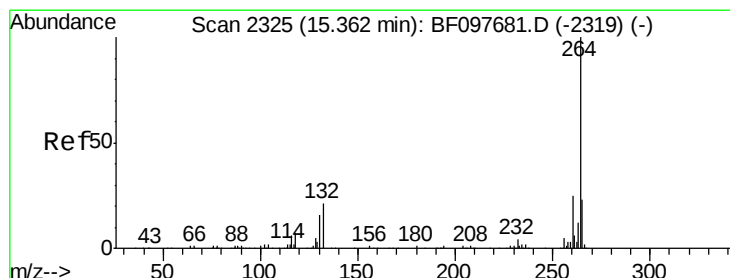
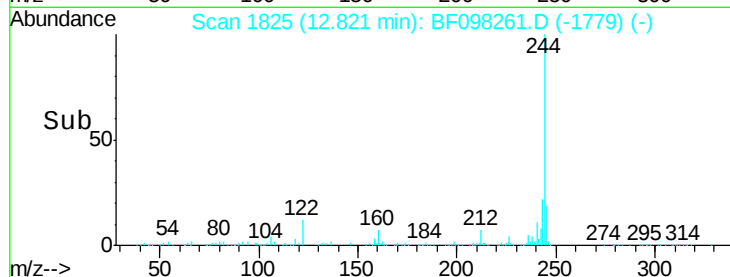
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

Time--> 12.75 12.80 12.85



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

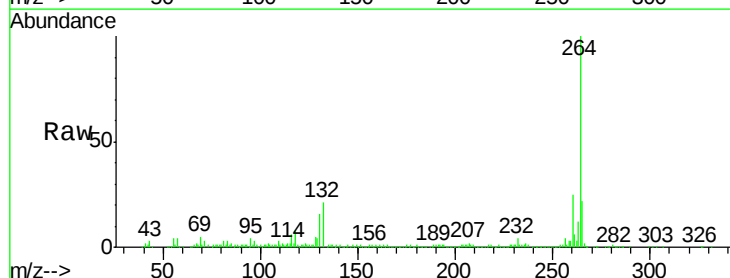
Tgt Ion:264 Resp: 222538

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.9 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

15.28

Time--> 15.20 15.30 15.40

