

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095511.D
 Acq On : 27 May 2017 22:53
 Operator : SJ/MA
 Sample : I3281-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:17:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

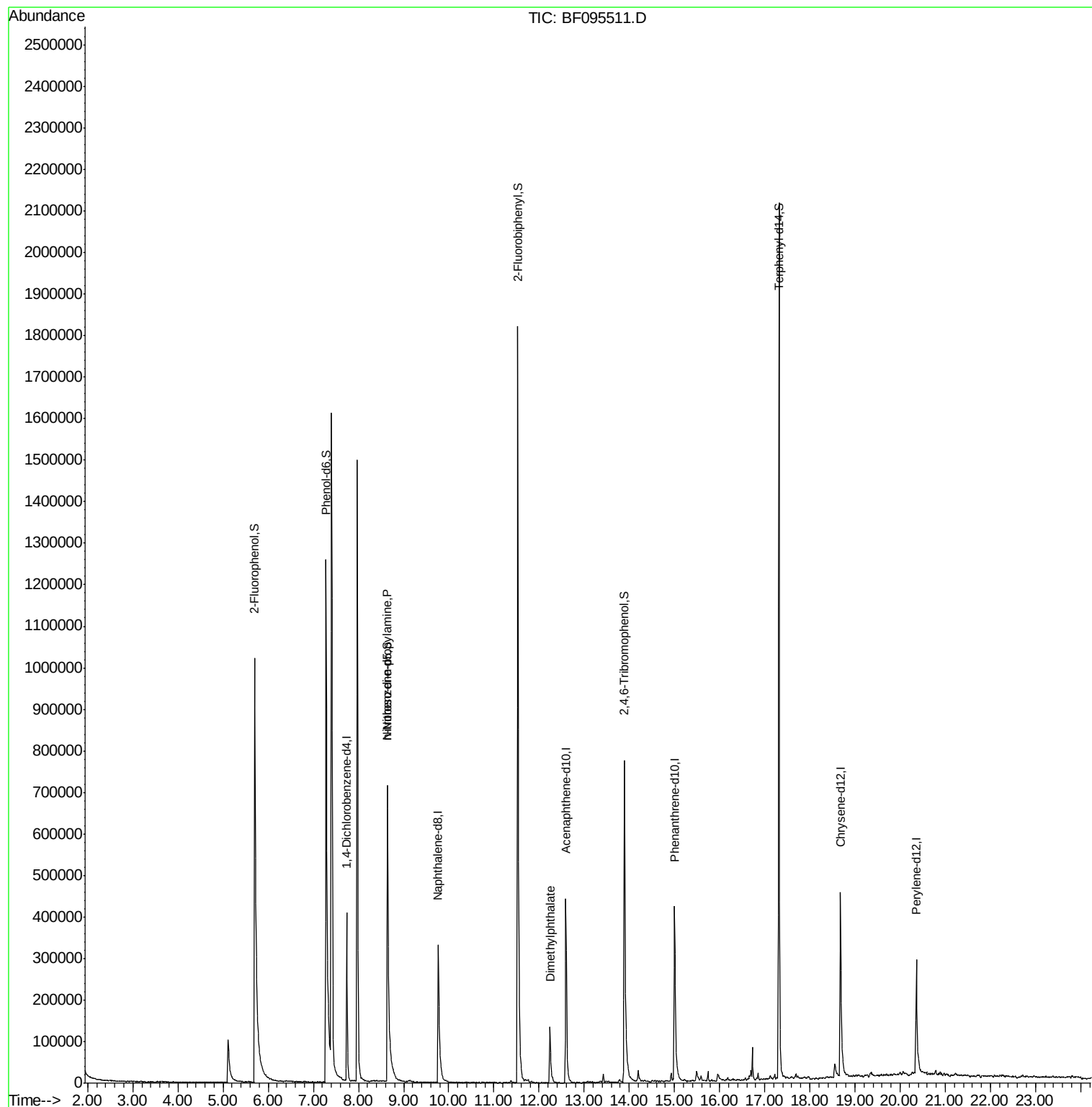
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101617	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	415030	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	172054	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	364848	20.00	ng	0.00
75) Chrysene-d12	18.68	240	292027	20.00	ng	0.00
86) Perylene-d12	20.36	264	205369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	848917	139.28	ng	0.00
7) Phenol-d6	7.28	99	1013080	138.53	ng	-0.01
23) Nitrobenzene-d5	8.64	82	587185	89.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	200660	142.41	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1113974	93.19	ng	0.00
78) Terphenyl-d14	17.32	244	926541	69.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.64	70	66851	13.52	ng	Qvalue # 80
49) Dimethylphthalate	12.24	163	130505	9.24	ng	97

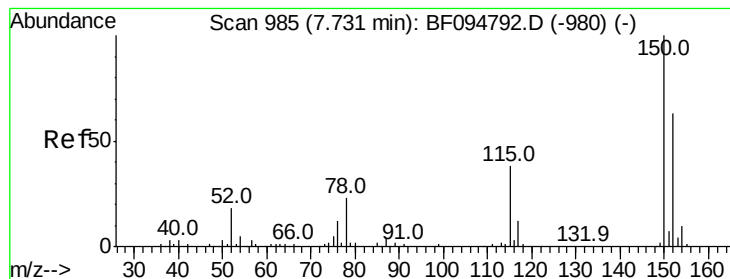
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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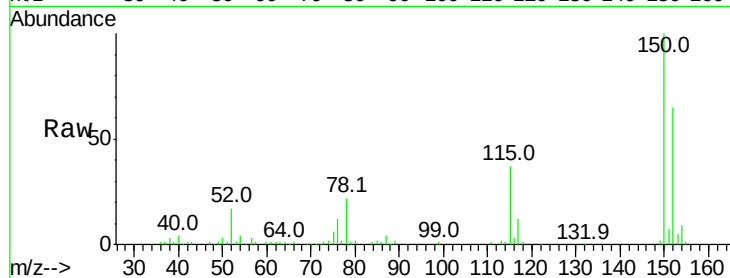


#1

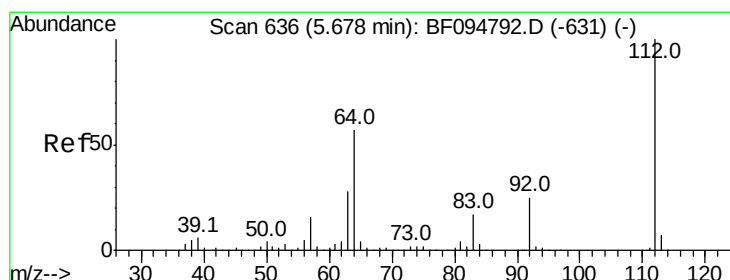
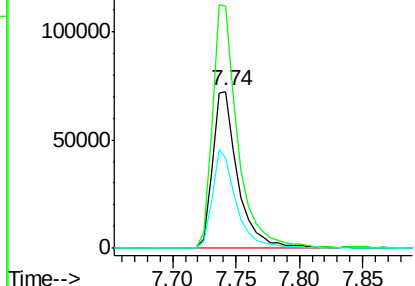
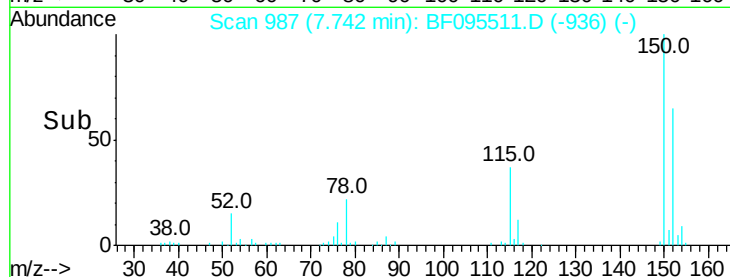
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	57.6	52.2	78.2



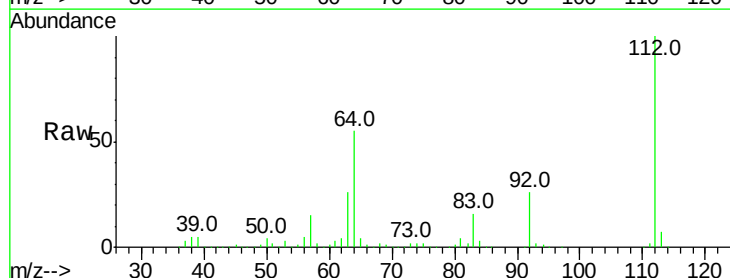
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



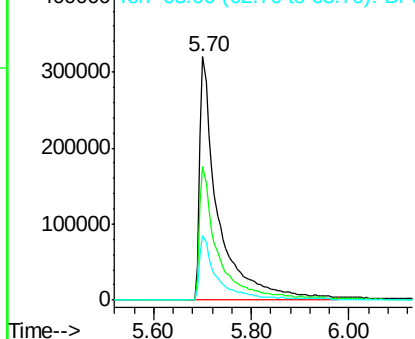
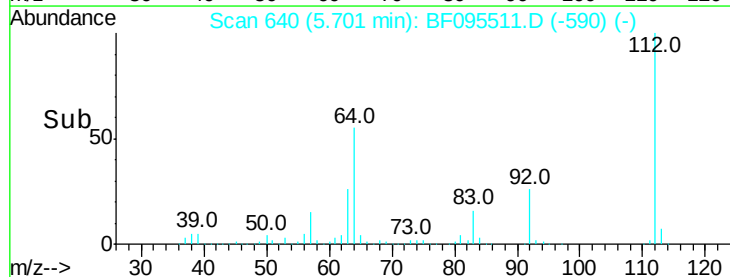
#5

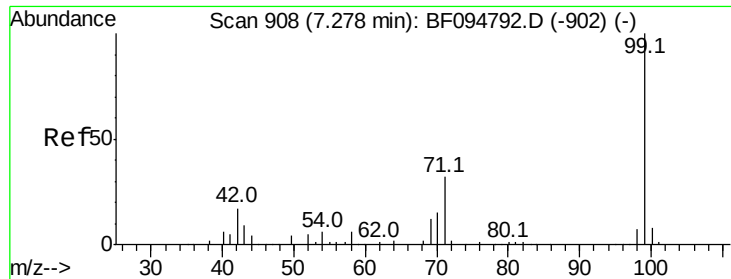
2-Fluorophenol
Concen: 139.28 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	26.5	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: 138.53 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

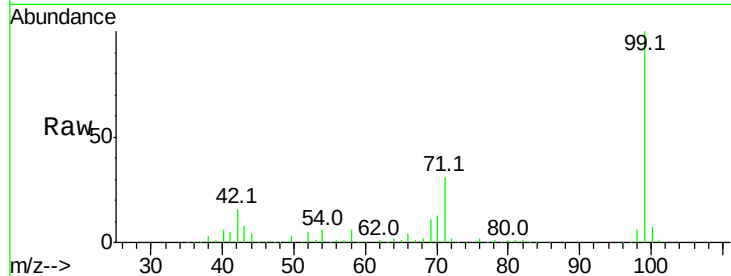
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1013080

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.7	24.5	36.7

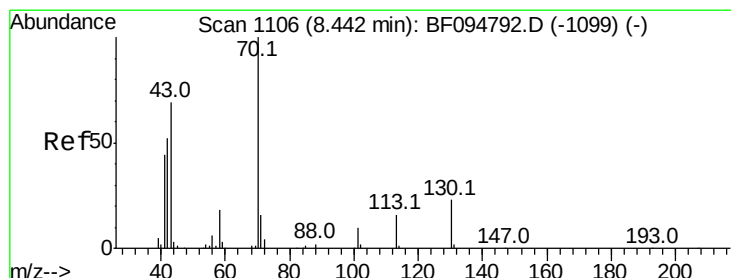
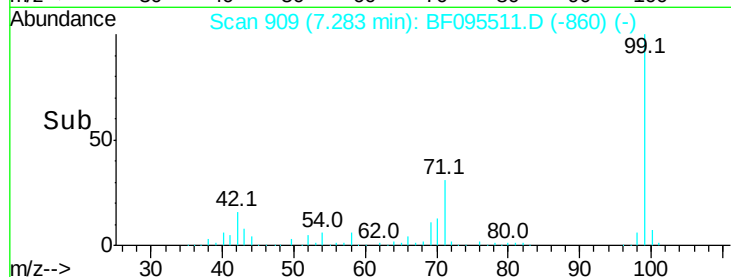
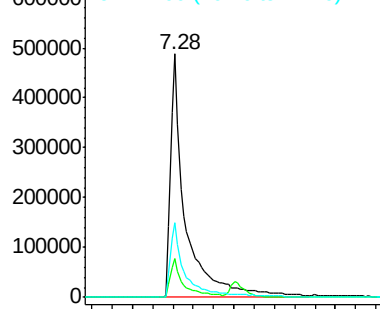


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.52 ng

RT: 8.64 min Scan# 1140

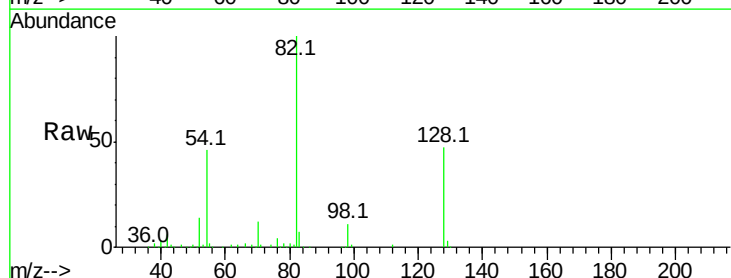
Delta R.T. 0.18 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Tgt Ion: 70 Resp: 66851

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.2	70.8
101	0.0	7.2	10.8#
130	3.4	15.9	23.9#



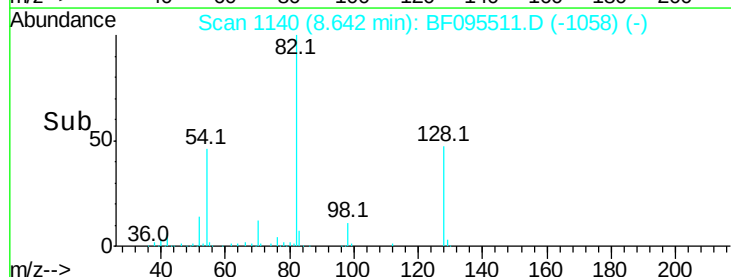
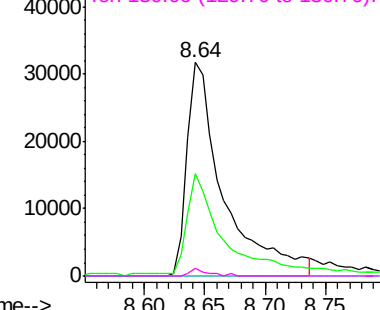
Abundance

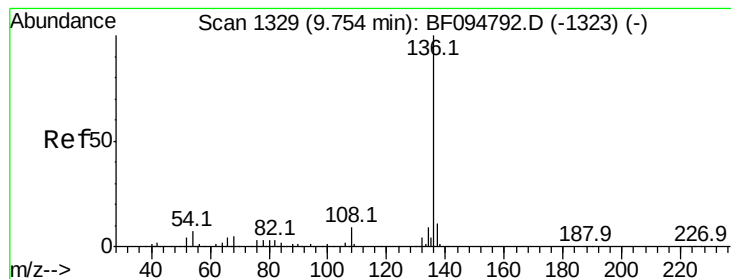
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Instrument :

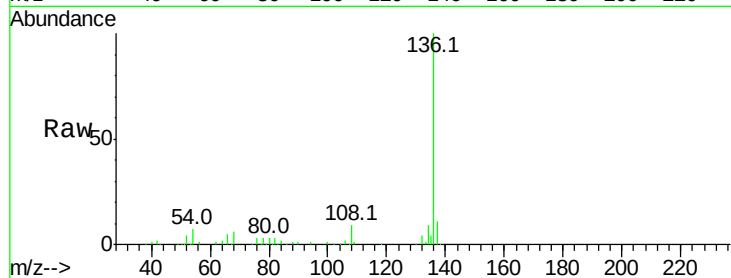
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 415030

Ion Ratio Lower Upper

136	100		
137	11.5	8.5	12.7
54	7.4	4.9	7.3#
68	5.6	4.1	6.1

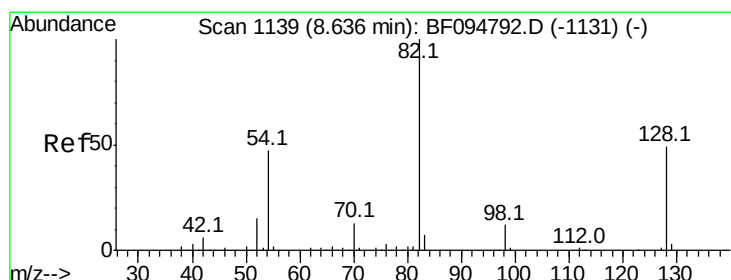
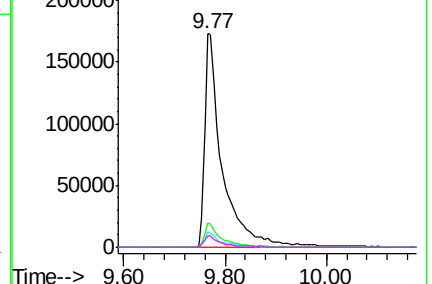
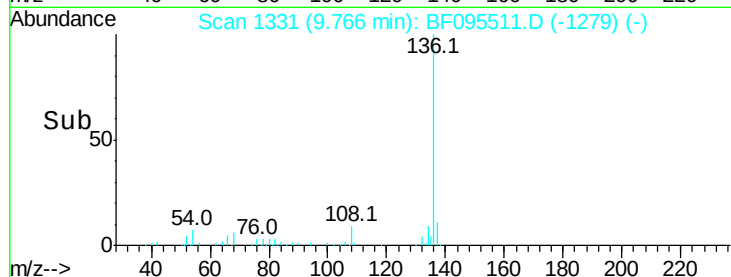


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.22 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

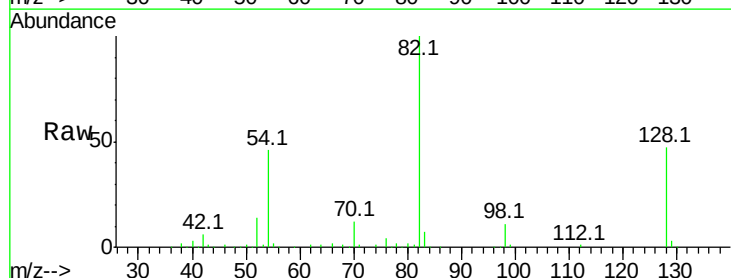
Lab File: BF095511.D

Acq: 27 May 2017 22:53

Tgt Ion: 82 Resp: 587185

Ion Ratio Lower Upper

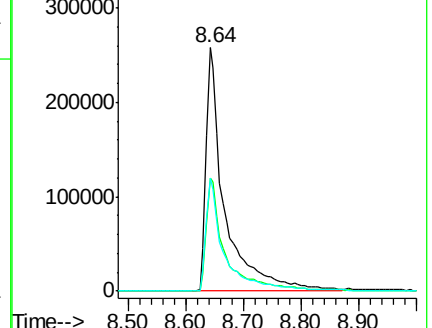
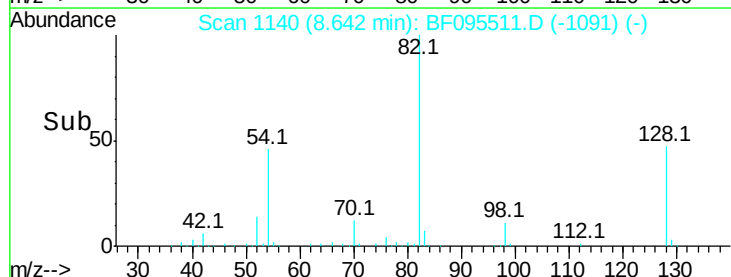
82	100		
128	46.5	34.0	51.0
54	46.3	42.2	63.2

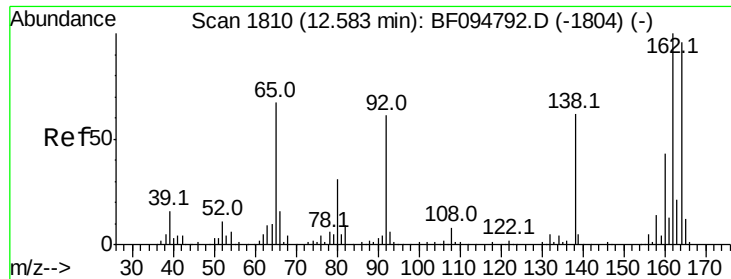


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Instrument :

BNA_F

ClientSampleId :

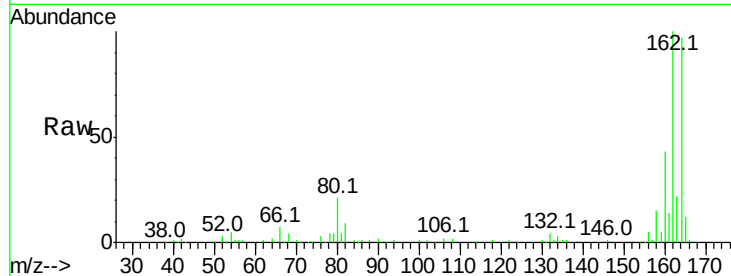
Tot Ion:164 Resp: 172054

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

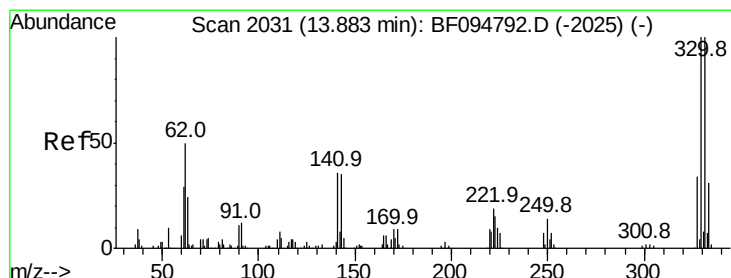
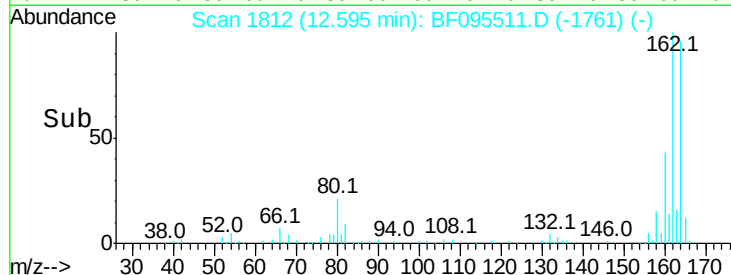
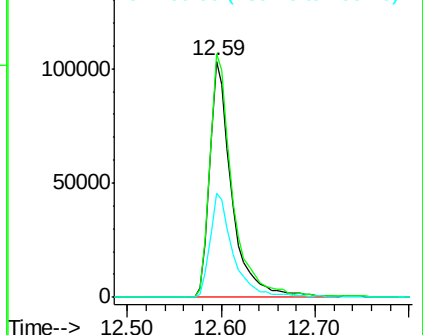
160 44.1 36.2 54.2



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: 142.41 ng

RT: 13.89 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

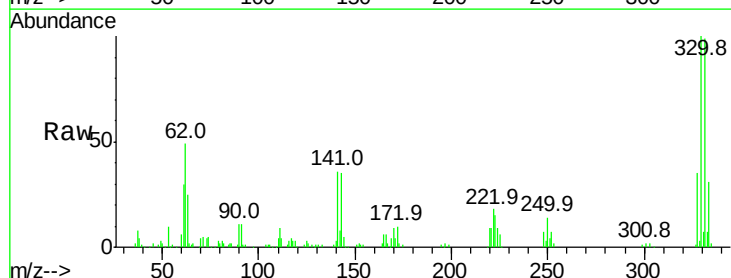
Tgt Ion:330 Resp: 200660

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

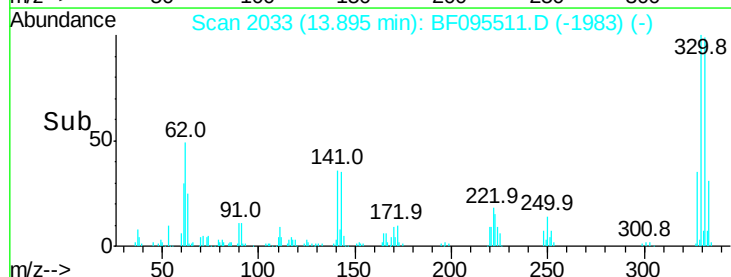
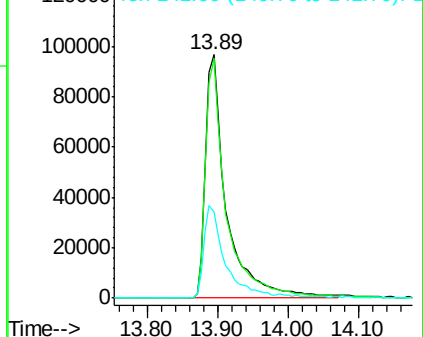
141 39.3 31.4 47.2

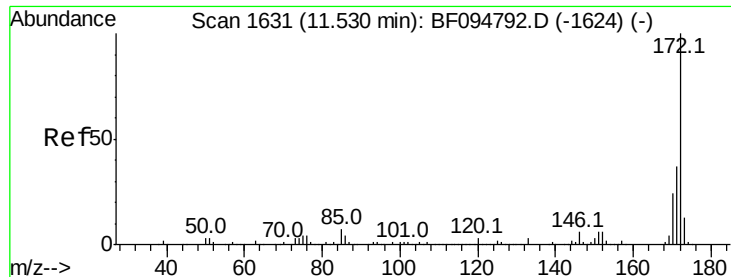


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

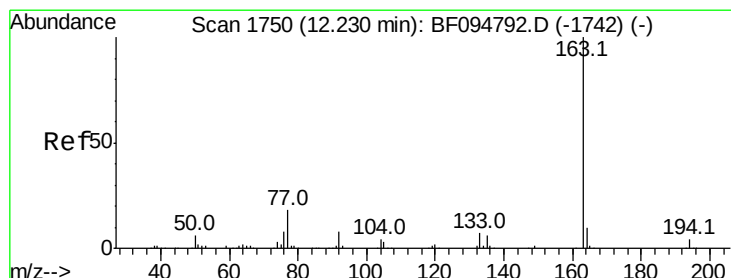
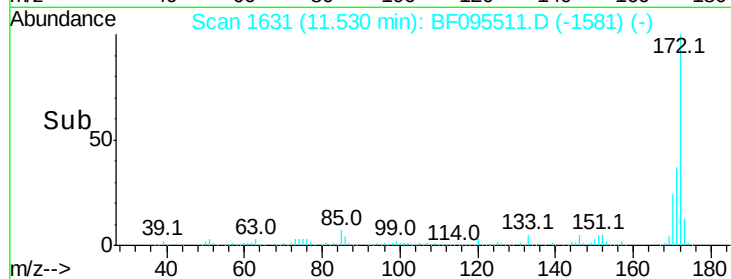
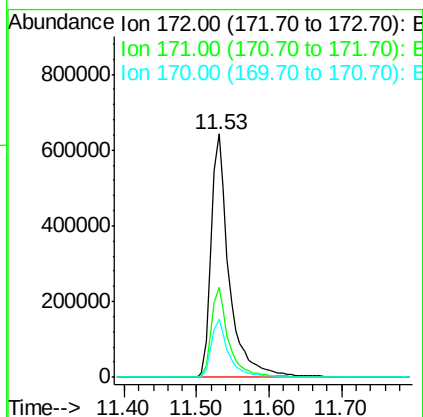
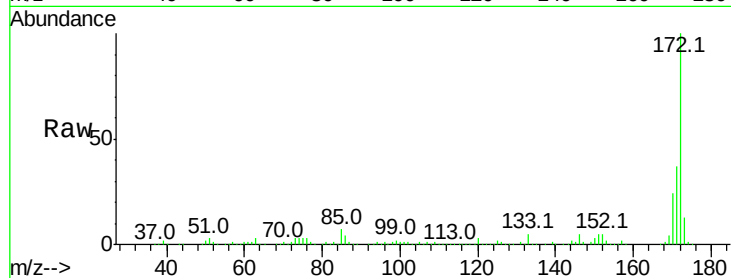




#44
2-Fluorobiphenyl
Concen: 93.19 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

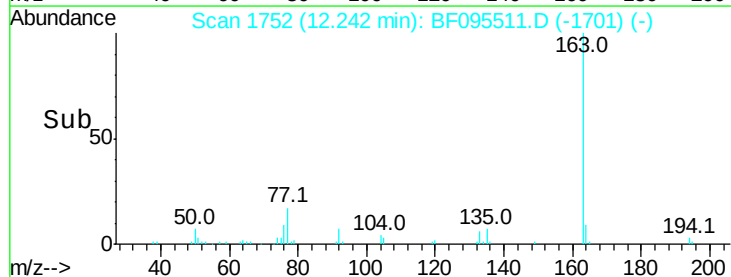
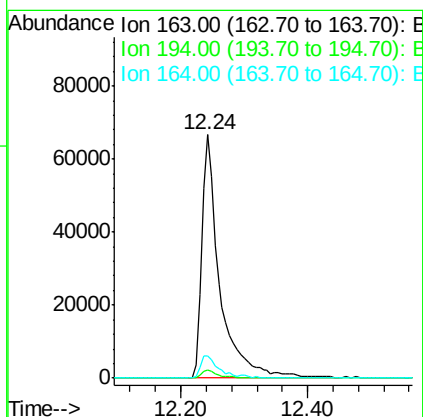
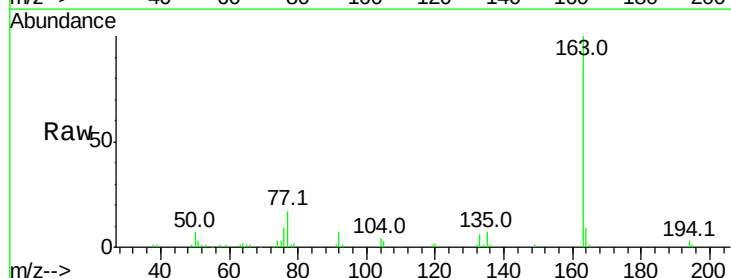
Instrument :
BNA_F
ClientSampleId :

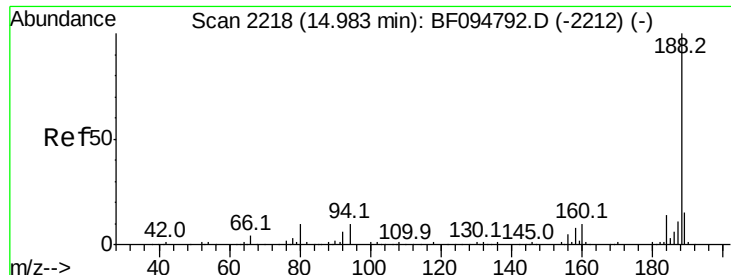
Tot Ion:172 Resp: 1113974
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 9.24 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095511.D
Acq: 27 May 2017 22:53

Tgt Ion:163 Resp: 130505
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 8.9 8.4 12.6

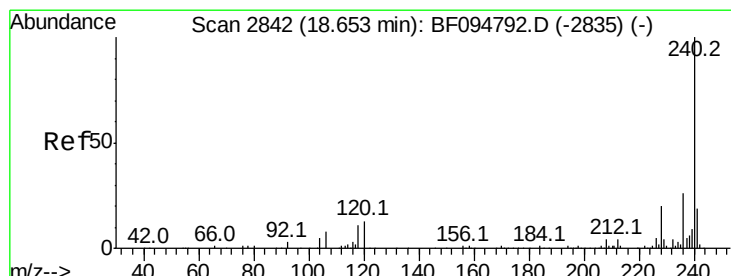
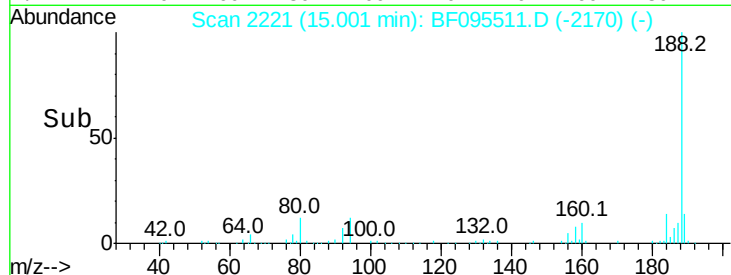
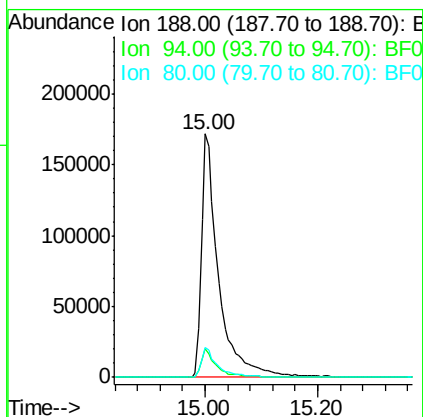
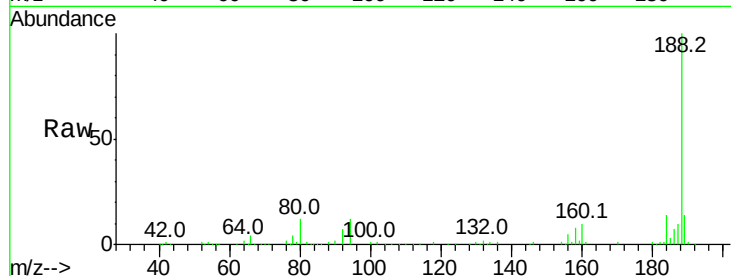




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

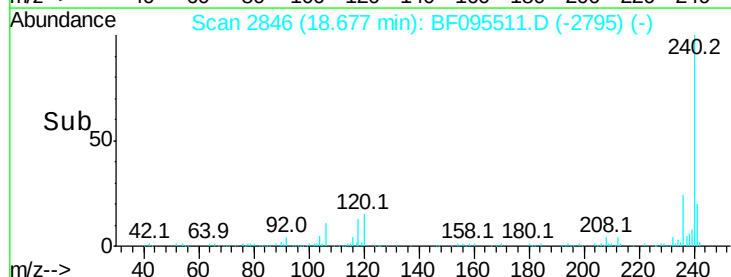
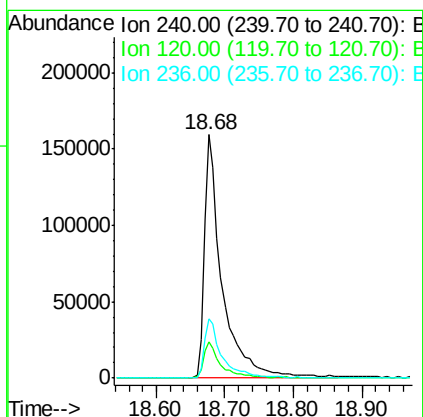
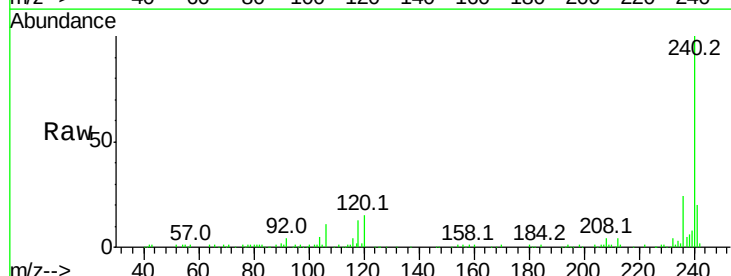
Instrument :
 BNA_F
 ClientSampleId :

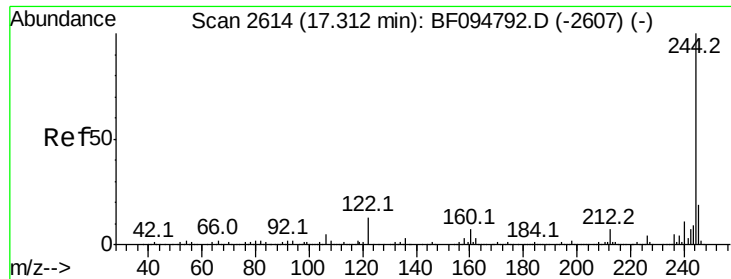
Tot Ion:188 Resp: 364848
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095511.D
 Acq: 27 May 2017 22:53

Tgt Ion:240 Resp: 292027
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 24.3 20.5 30.7





#78

Terphenyl-d14

Concen: 69.88 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

Instrument :

BNA_F

ClientSampleId :

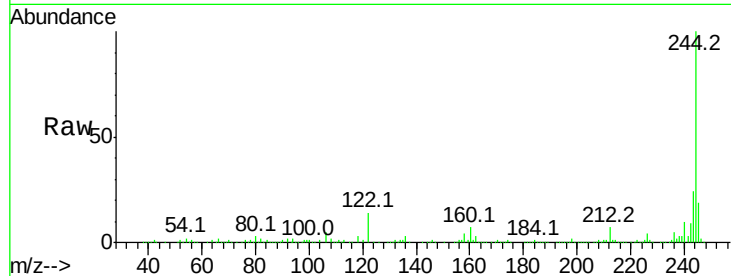
Tot Ion:244 Resp: 926541

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

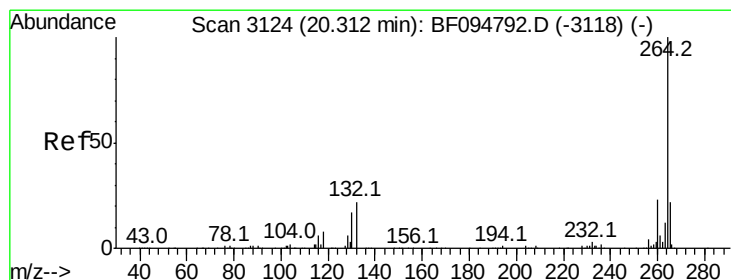
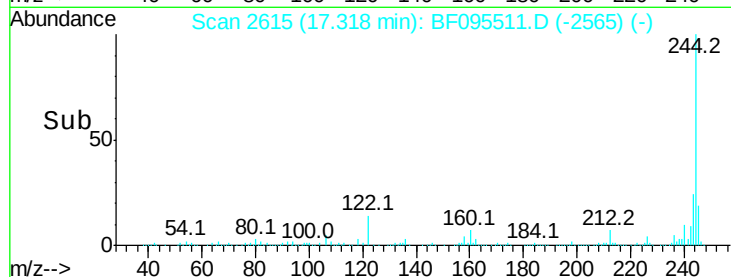
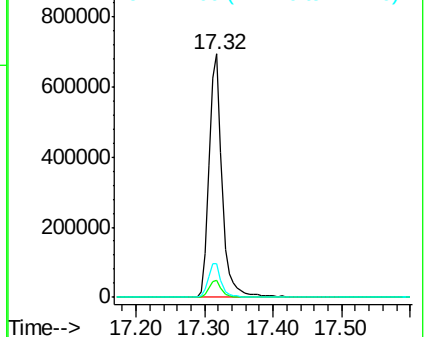
122 13.8 10.3 15.5



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: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095511.D

Acq: 27 May 2017 22:53

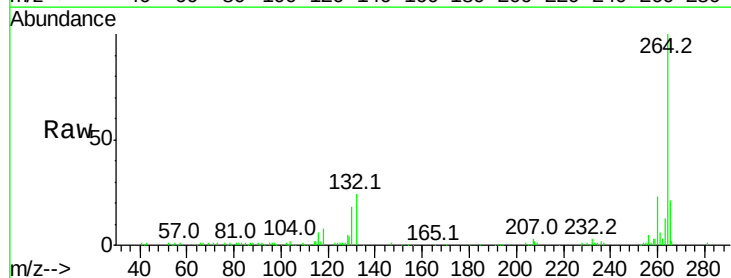
Tgt Ion:264 Resp: 205369

Ion Ratio Lower Upper

264 100

260 22.9 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

