

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095088.D
 Acq On : 11 May 2017 19:37
 Operator : SJ/MA
 Sample : I3062-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 02:57:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

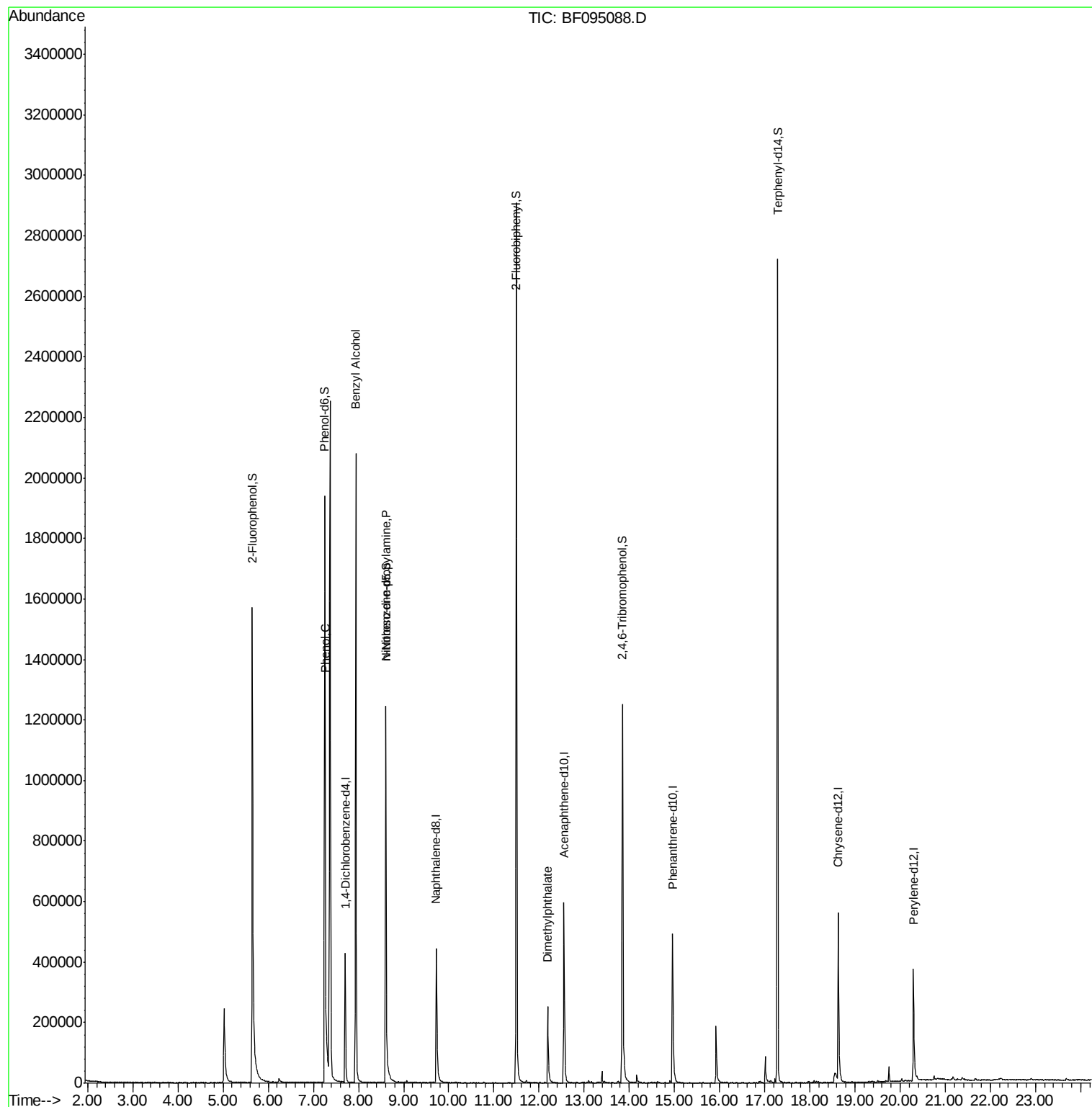
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	95129	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	389340	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	182428	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	349659	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	321345	20.00	ng	-0.02
86) Perylene-d12	20.29	264	217915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	880337	154.29	ng	-0.02
7) Phenol-d6	7.25	99	1171514	171.12	ng	-0.02
23) Nitrobenzene-d5	8.61	82	657452	106.48	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	241064	161.35	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1341904	105.88	ng	-0.03
78) Terphenyl-d14	17.29	244	1147284	78.64	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	27077	3.75	ng	# 72
15) Benzyl Alcohol	7.94	79	11339	2.58	ng	# 39
19) n-Nitroso-di-n-propylamine	8.61	70	80948	17.48	ng	# 75
49) Dimethylphthalate	12.19	163	196765	13.14	ng	98

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

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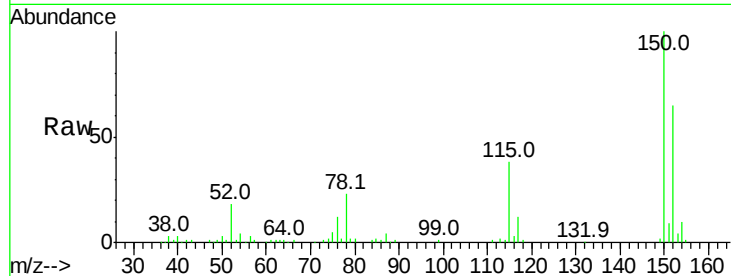


#1

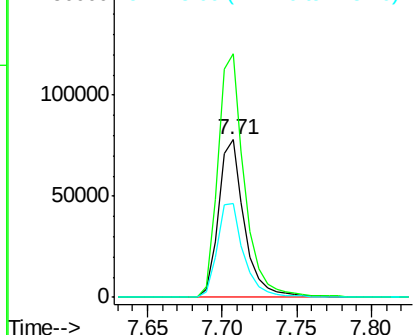
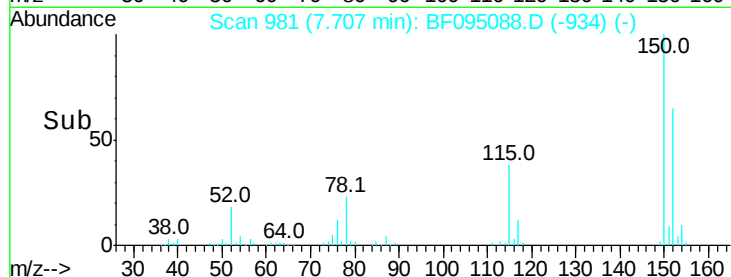
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095088.D
Acq: 11 May 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95129
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 59.3 52.2 78.2



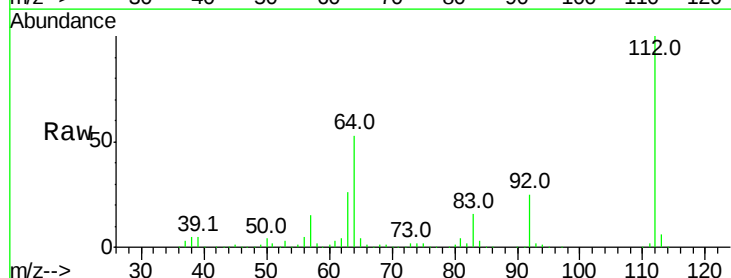
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



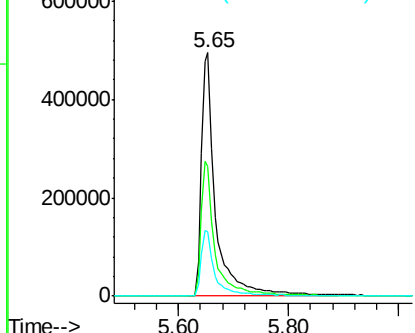
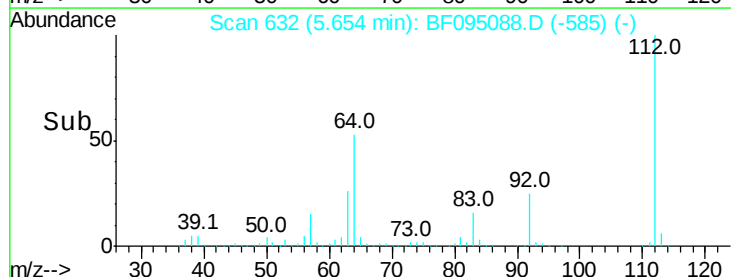
#5

2-Fluorophenol
Concen: 154.29 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095088.D
Acq: 11 May 2017 19:37

Tgt Ion:112 Resp: 880337
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 26.2 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: 171.12 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

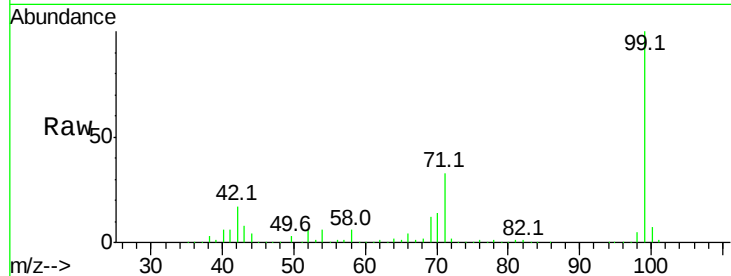
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1171514

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.9	24.5	36.7

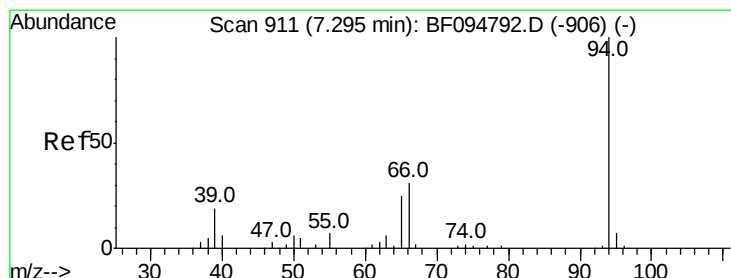
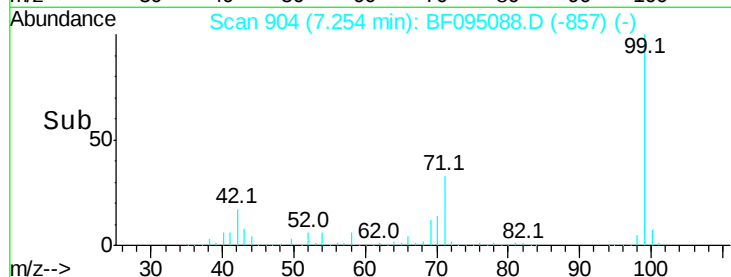
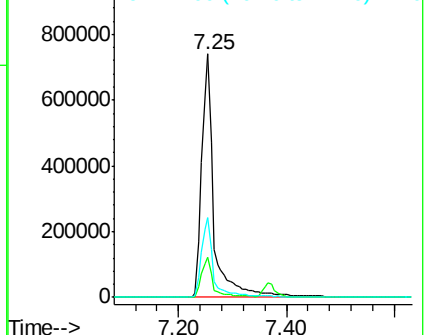


Abundance

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: 3.75 ng

RT: 7.27 min Scan# 906

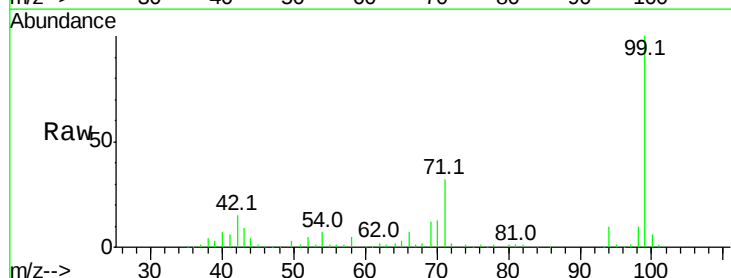
Delta R.T. -0.03 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

Tgt Ion: 94 Resp: 27077

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	71.0	23.1	63.1

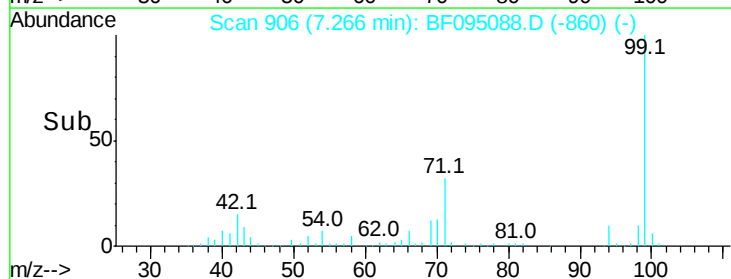
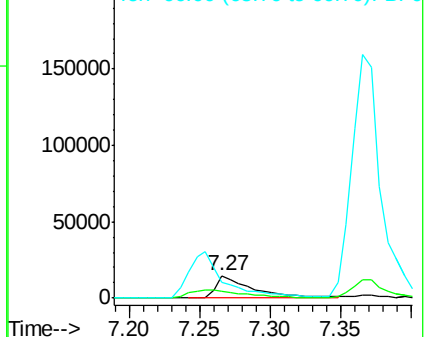


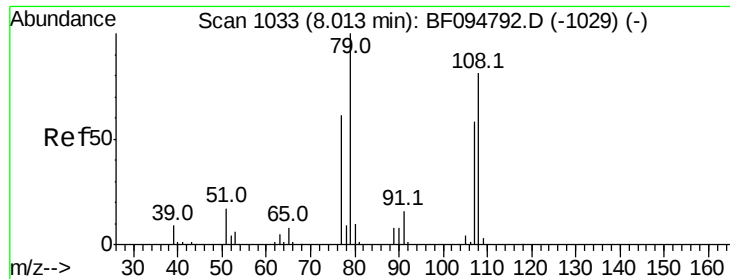
Abundance

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





#15

Benzyl Alcohol

Concen: 2.58 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

Instrument :

BNA_F

ClientSampled :

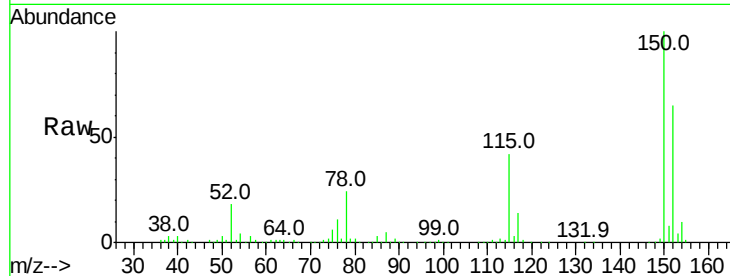
Tot Ion: 79 Resp: 11339

Ion Ratio Lower Upper

79 100

108 26.4 63.4 95.0#

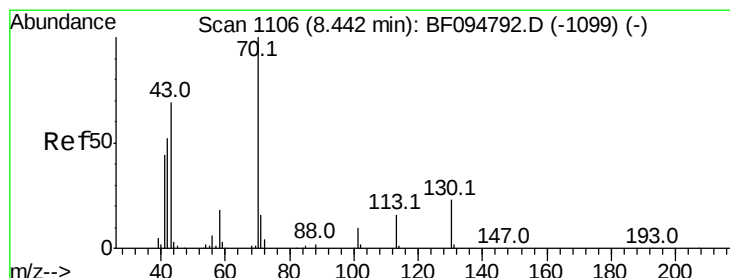
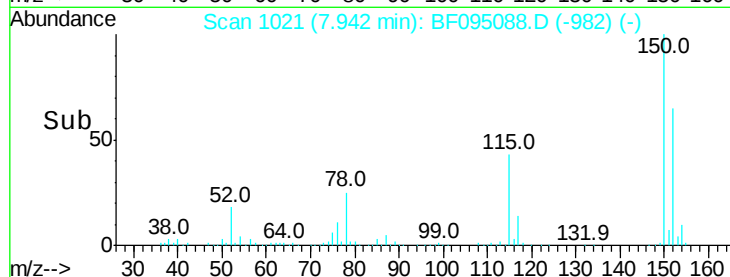
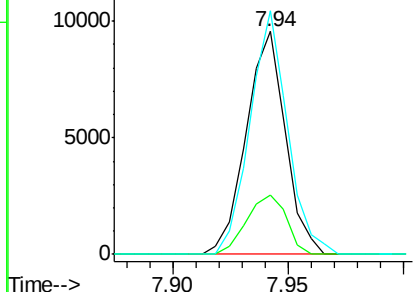
77 109.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

Tgt Ion: 70 Resp: 80948

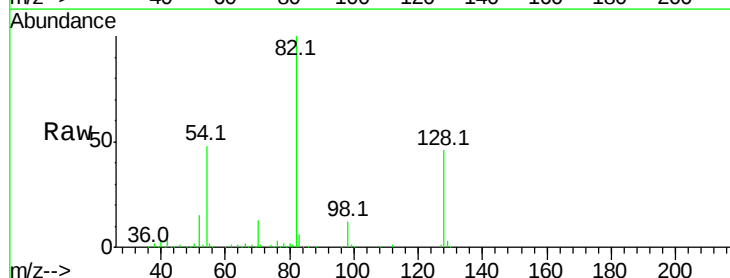
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

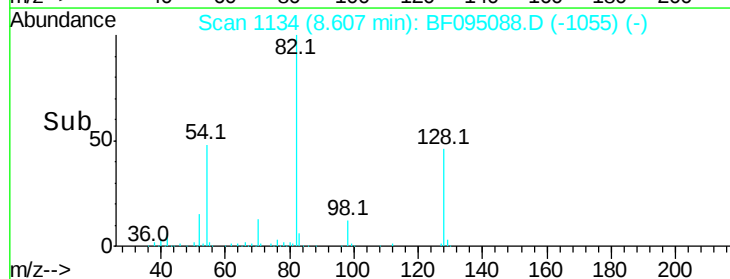
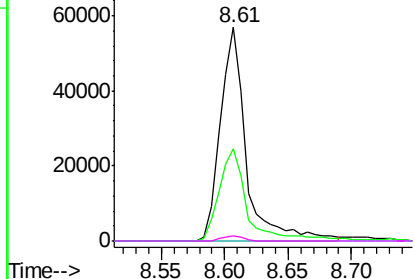


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 389340

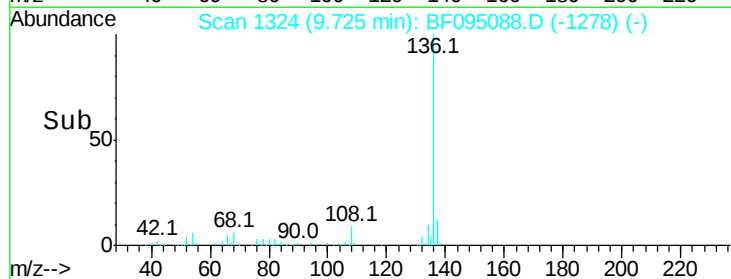
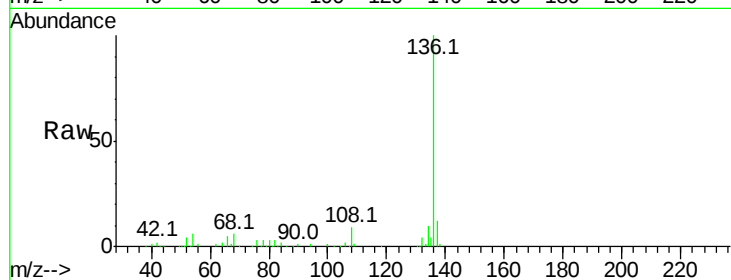
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.2 4.9 7.3

68 5.7 4.1 6.1

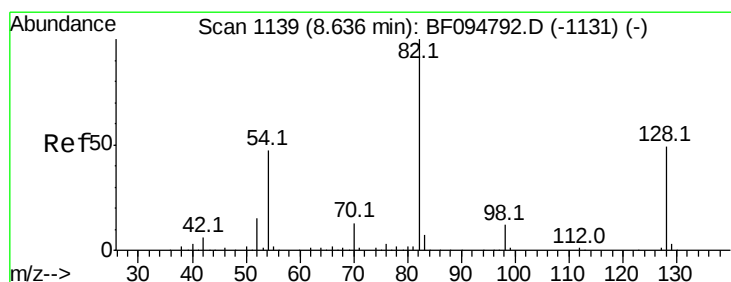
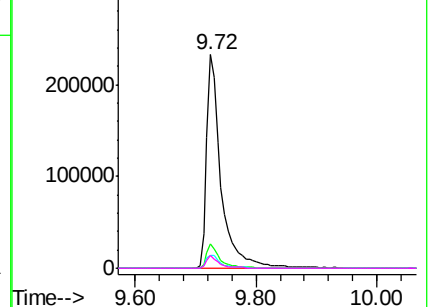


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.48 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

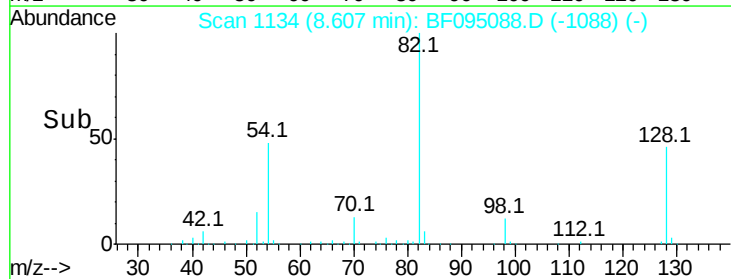
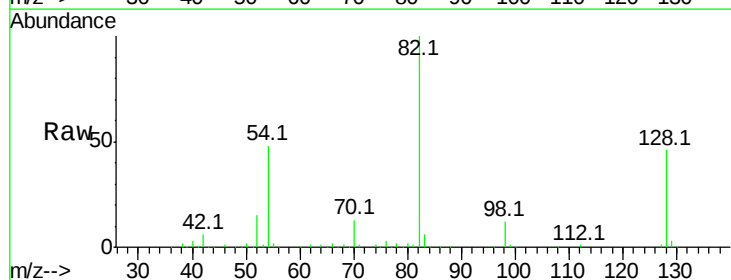
Tgt Ion: 82 Resp: 657452

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

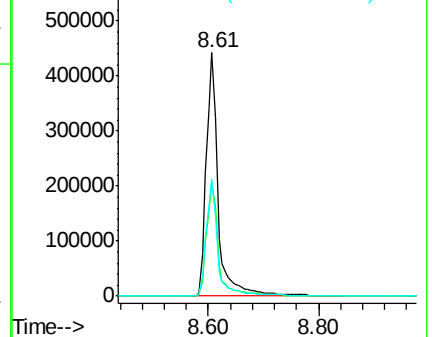
54 47.8 42.2 63.2

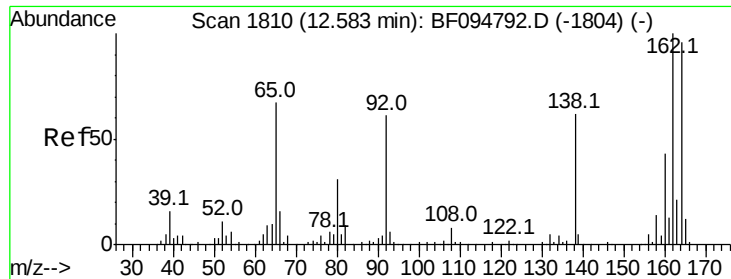


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

Instrument :

BNA_F

ClientSampleId :

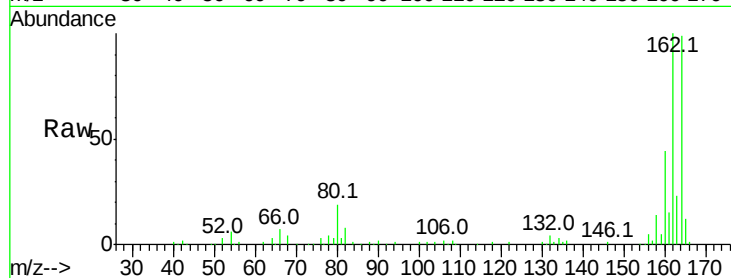
Tot Ion:164 Resp: 182428

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

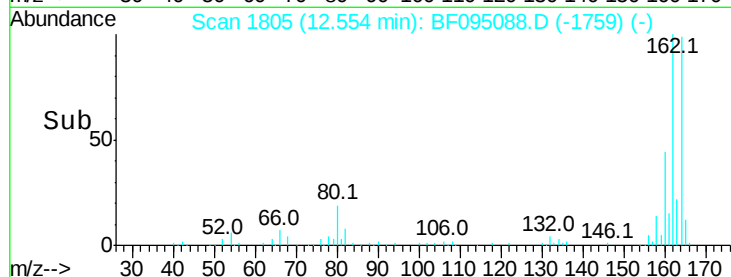
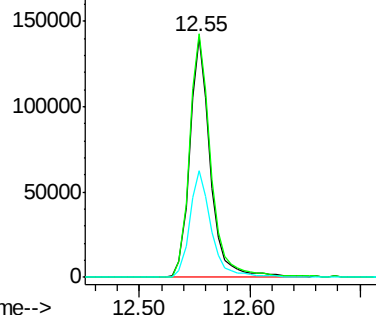
160 44.6 36.2 54.2



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: 161.35 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095088.D

Acq: 11 May 2017 19:37

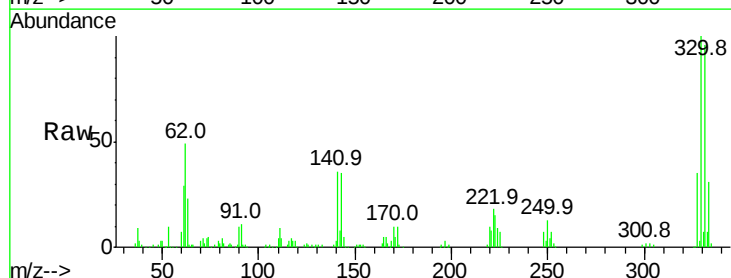
Tgt Ion:330 Resp: 241064

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

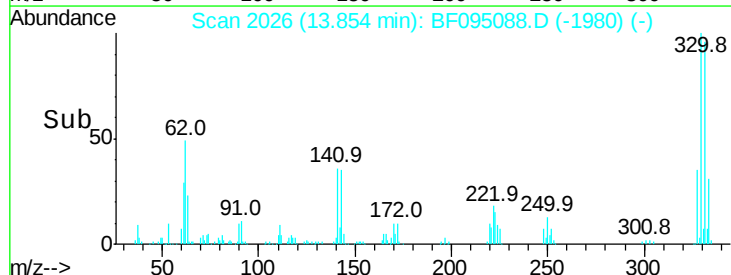
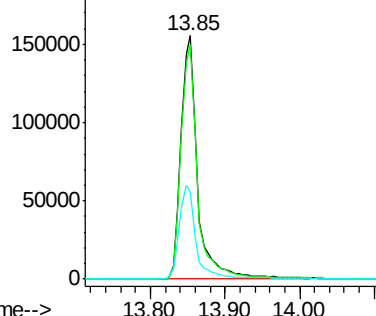
141 39.3 31.4 47.2



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

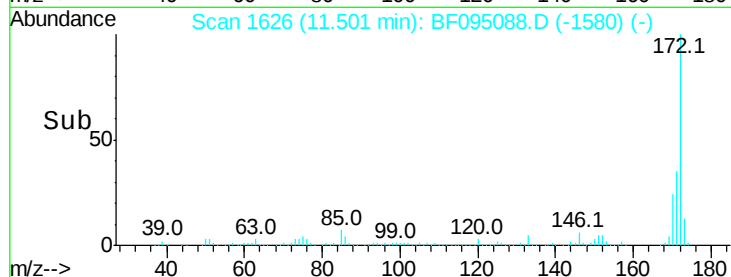
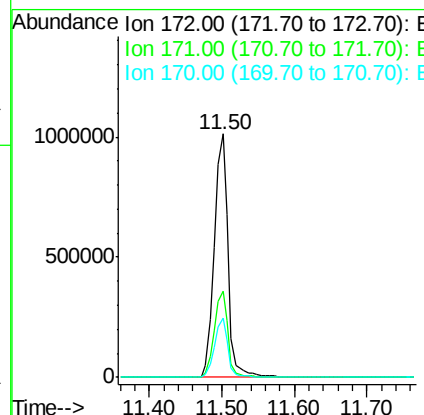
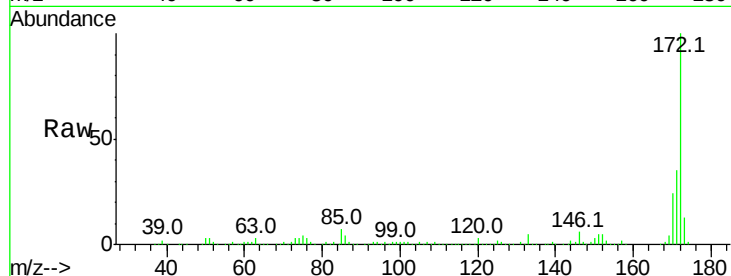




#44
 2-Fluorobiphenyl
 Concen: 105.88 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

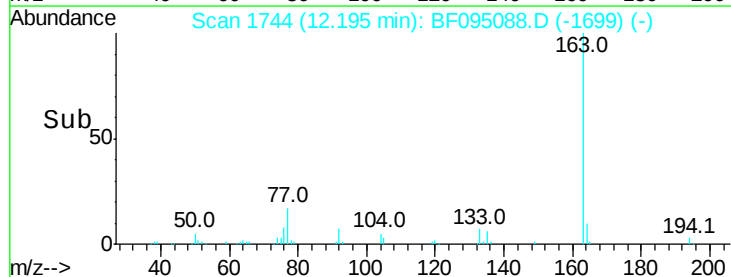
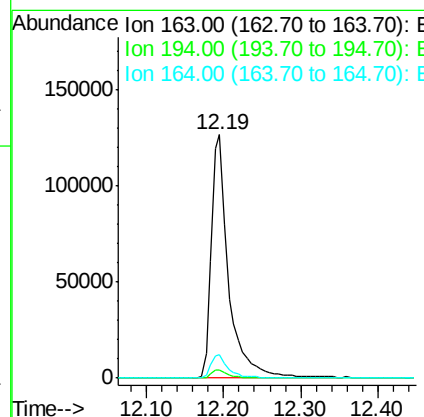
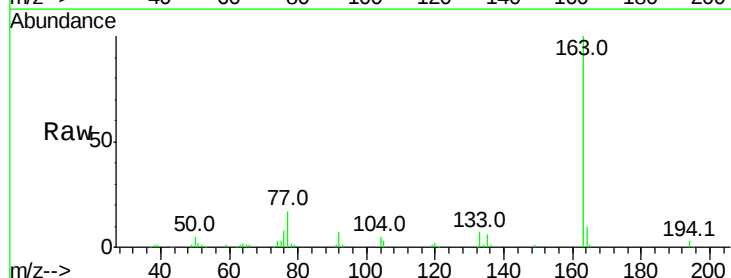
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1341904
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 13.14 ng
 RT: 12.19 min Scan# 1744
 Delta R.T. -0.04 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

Tgt Ion:163 Resp: 196765
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.8 8.4 12.6

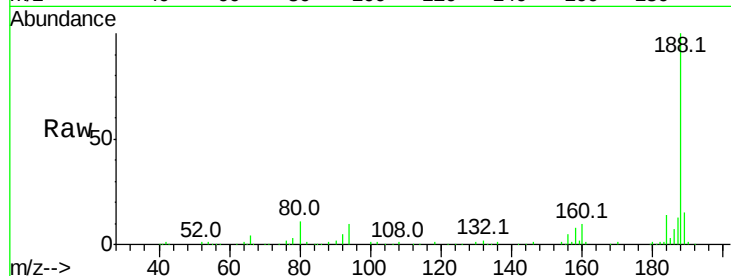




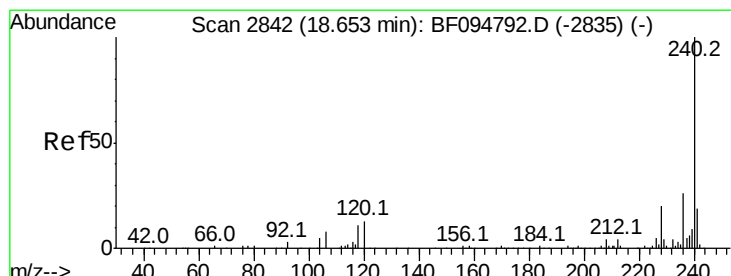
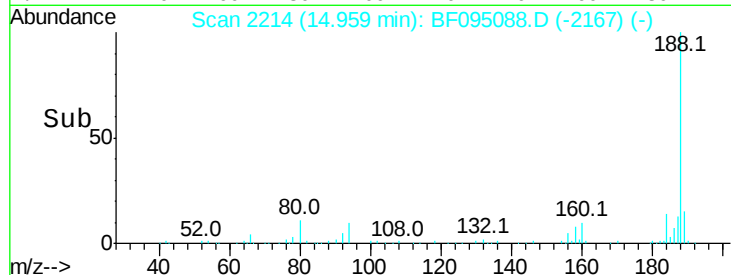
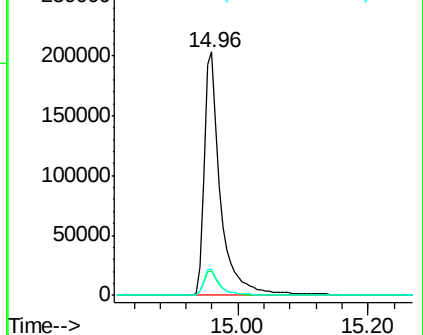
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 349659
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.7 10.2 15.2

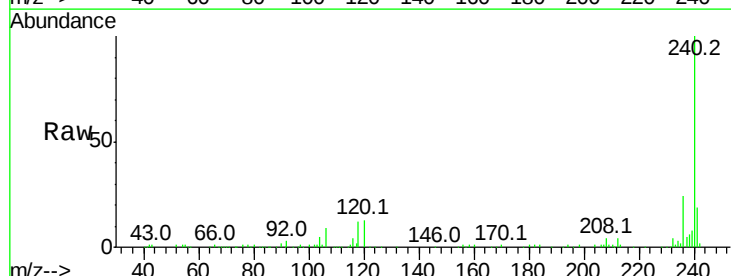


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

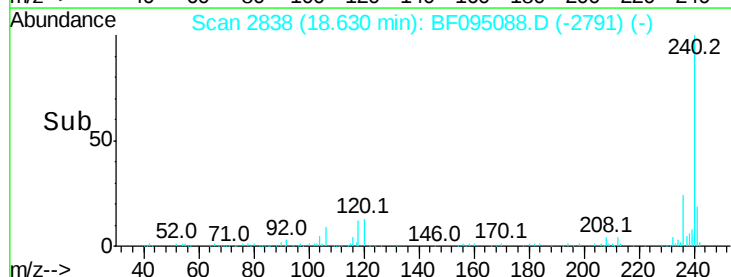
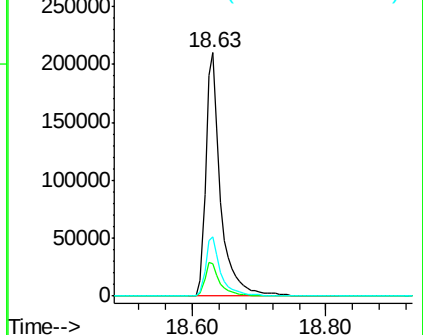


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

Tgt Ion:240 Resp: 321345
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 24.4 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

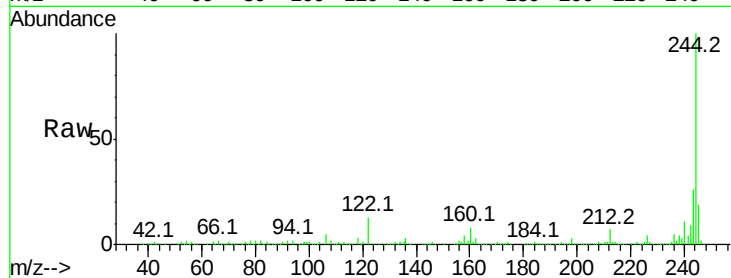




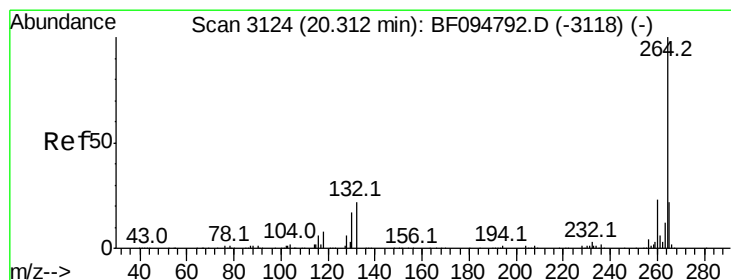
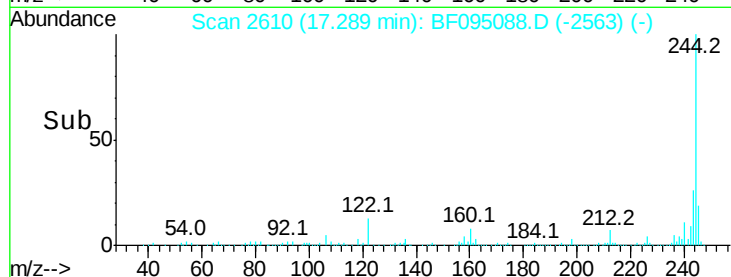
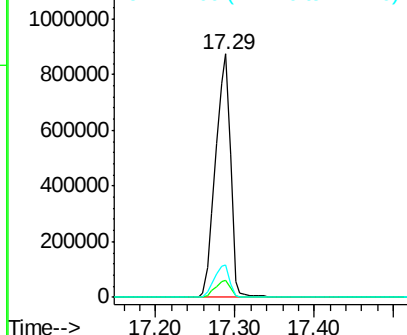
#78
 Terphenyl-d14
 Concen: 78.64 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1147284
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.3 10.3 15.5

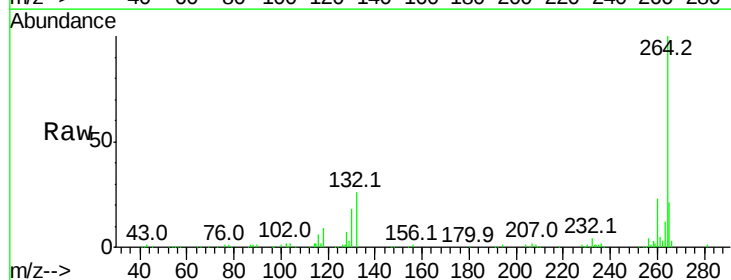


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095088.D
 Acq: 11 May 2017 19:37

Tgt Ion:264 Resp: 217915
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.1 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

