

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095598.D
 Acq On : 1 Jun 2017 17:00
 Operator : SJ/MA
 Sample : I3379-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

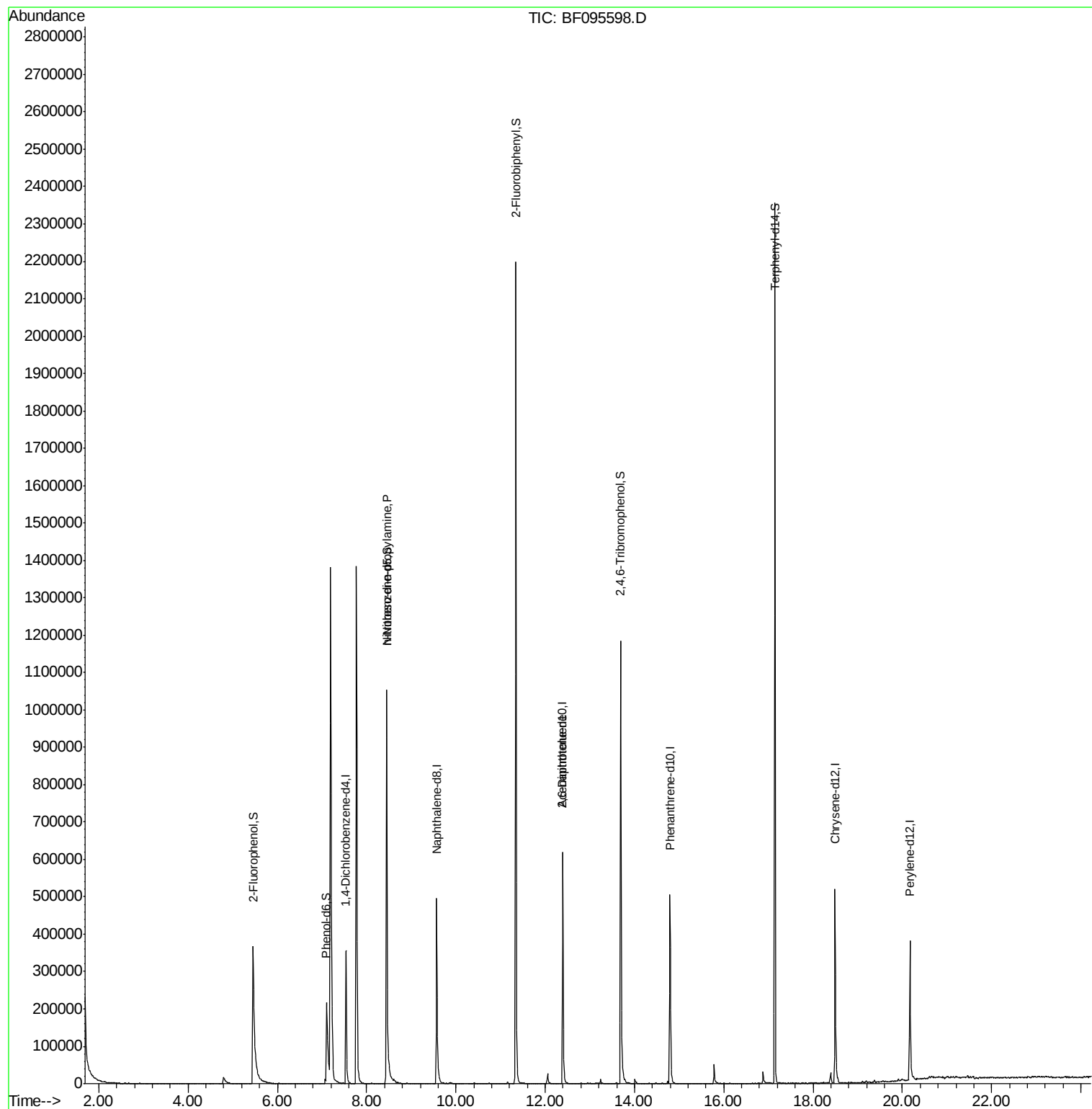
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	92487	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	401902	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	185334	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	310603	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	276152	20.00	ng	-0.02
86) Perylene-d12	20.17	264	199146	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	330530	59.58	ng	0.00
7) Phenol-d6	7.10	99	249708	37.52	ng	0.00
23) Nitrobenzene-d5	8.45	82	573416	89.97	ng	-0.02
41) 2,4,6-Tribromophenol	13.69	330	214061	141.03	ng	-0.02
44) 2-Fluorobiphenyl	11.35	172	1046797	81.30	ng	-0.02
78) Terphenyl-d14	17.15	244	966956	77.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	72176	16.03	ng	# 74
50) 2,6-Dinitrotoluene	12.39	165	23285	7.50	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
Data File : BF095598.D
Acq On : 1 Jun 2017 17:00
Operator : SJ/MA
Sample : I3379-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 01 18:17:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:03:02 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Instrument :

BNA_F

ClientSampleId :

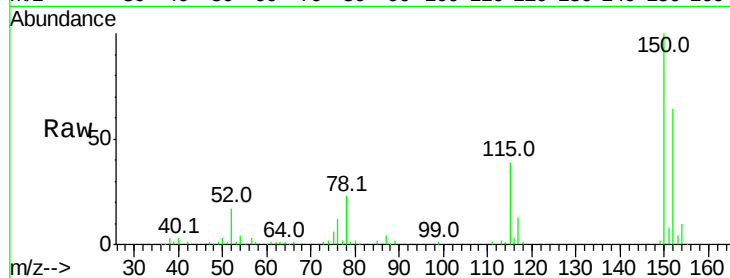
Tot Ion:152 Resp: 92487

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

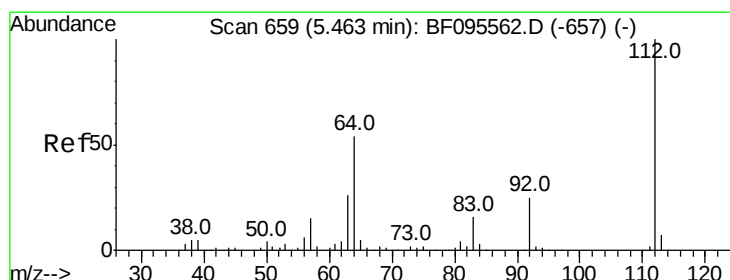
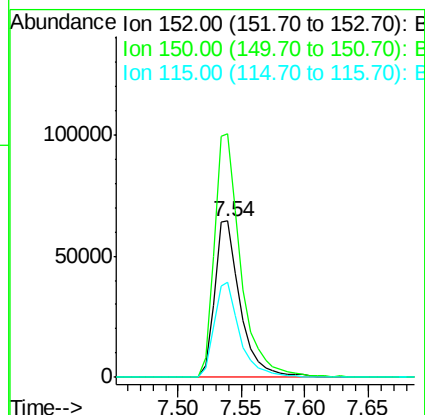
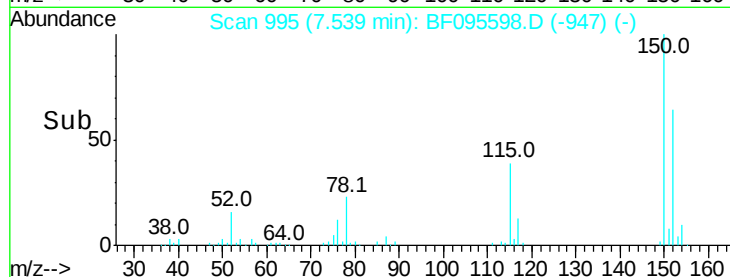
115 61.1 52.2 78.2



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: 59.58 ng

RT: 5.46 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

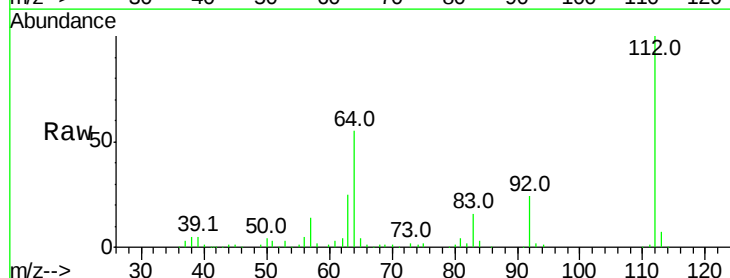
Tgt Ion:112 Resp: 330530

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

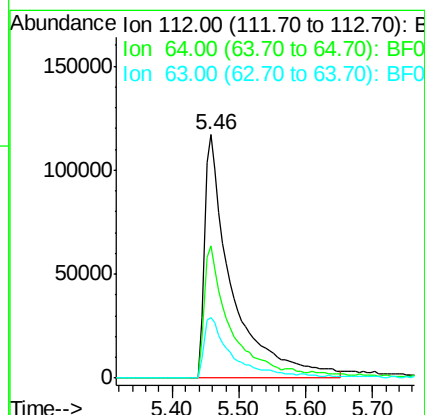
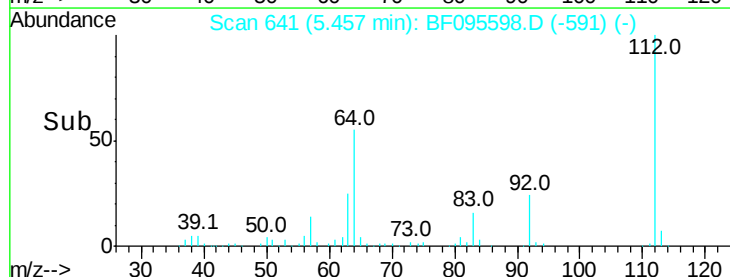
63 25.1 23.4 35.0

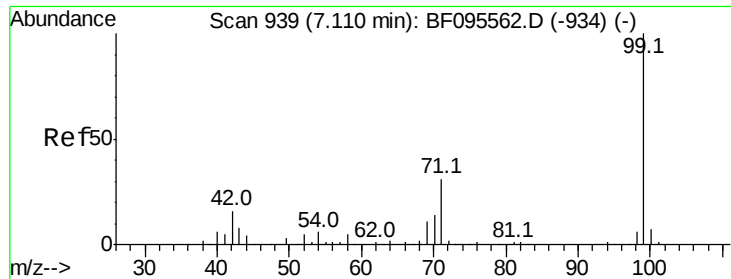


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.52 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Instrument :

BNA_F

ClientSampled :

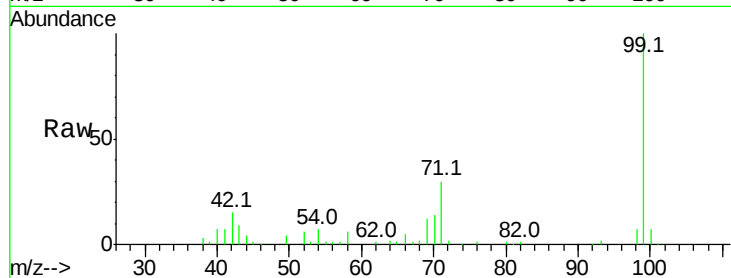
Tot Ion: 99 Resp: 249708

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

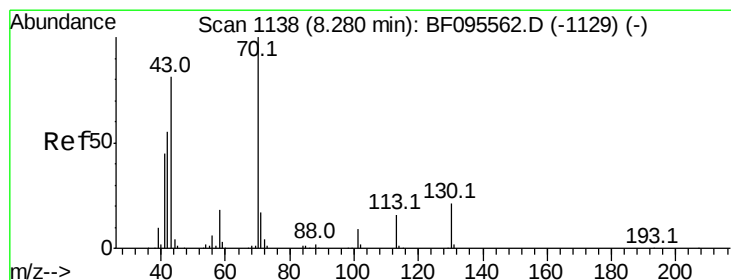
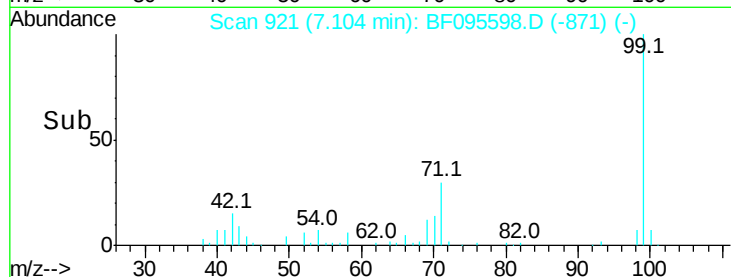
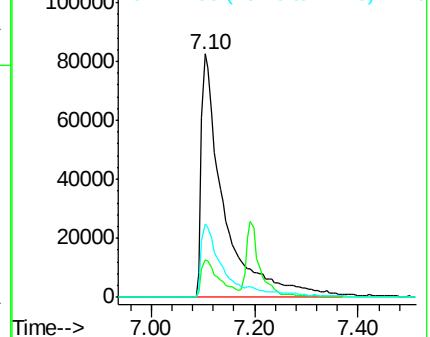
71 30.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.03 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.17 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Tgt Ion: 70 Resp: 72176

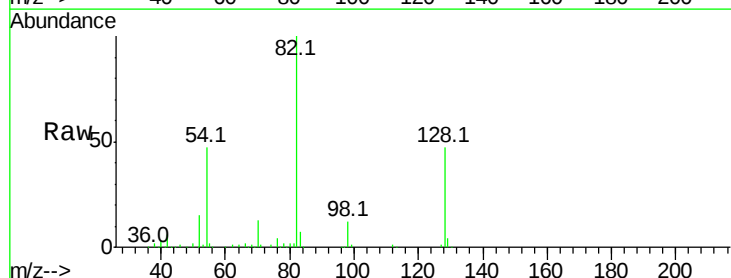
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

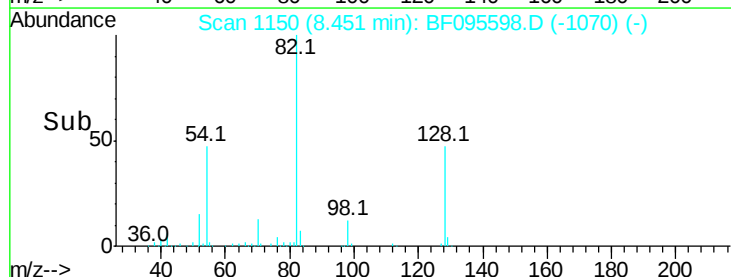
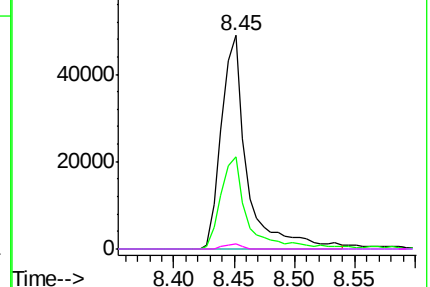


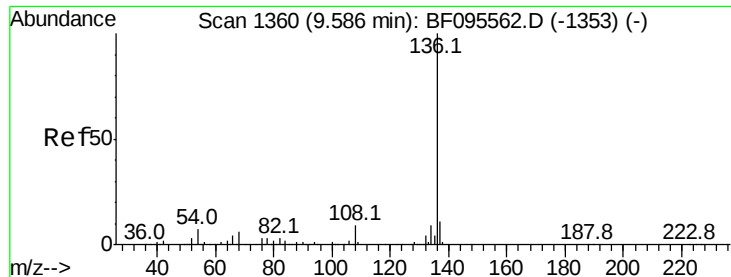
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

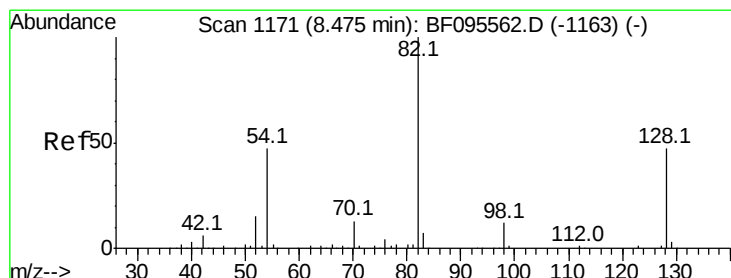
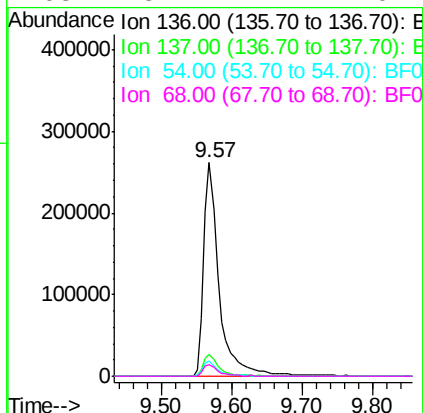
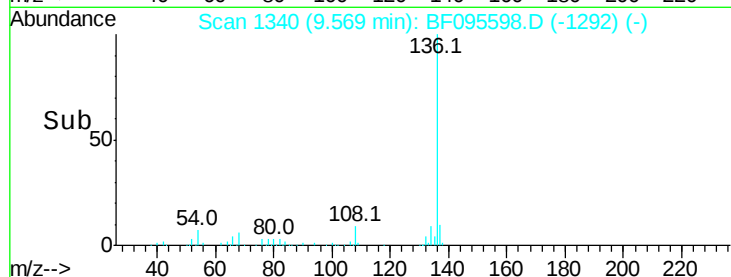
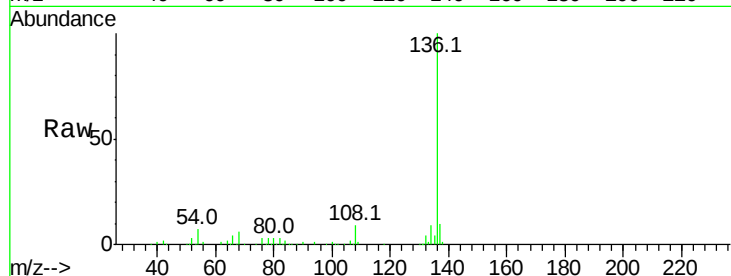
Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	401902
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.5 12.7
54	6.9	4.9 7.3
68	5.7	4.1 6.1



#23

Nitrobenzene-d5

Concen: 89.97 ng

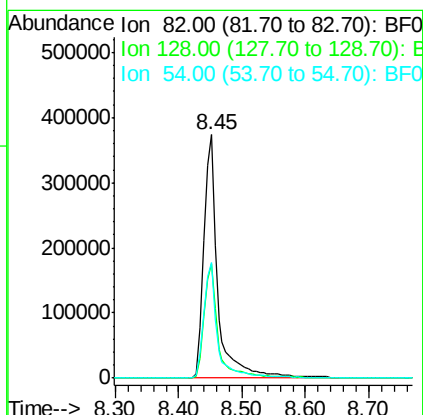
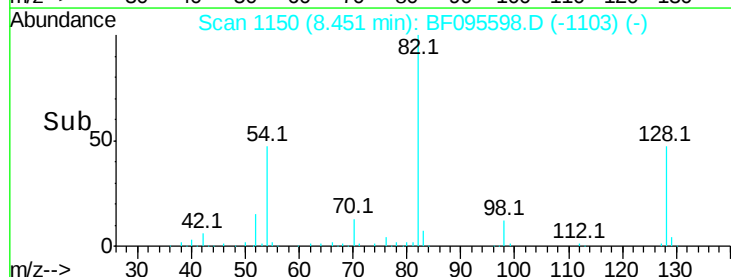
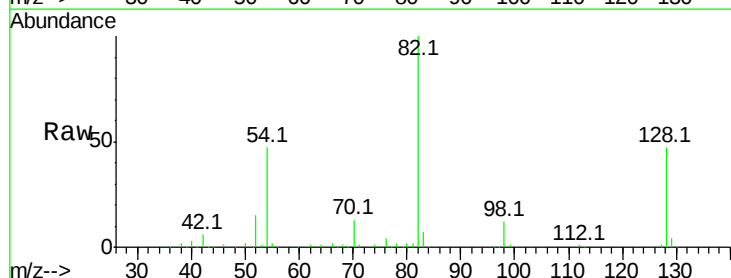
RT: 8.45 min Scan# 1150

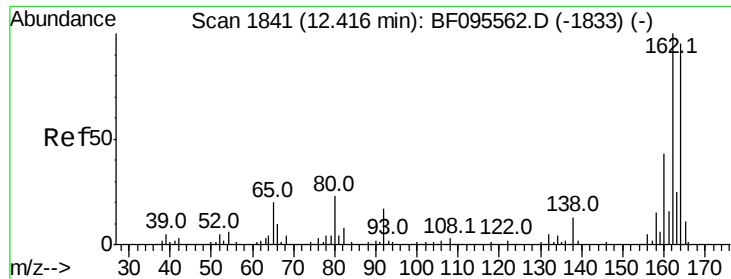
Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Tgt Ion: 82	Resp:	573416
Ion	Ratio	Lower Upper
82	100	
128	47.1	34.0 51.0
54	47.4	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Instrument :

BNA_F

ClientSampleId :

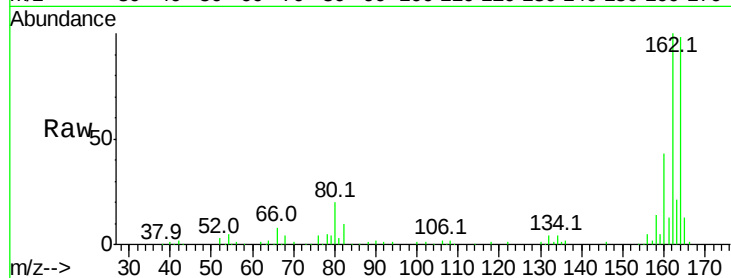
Tot Ion:164 Resp: 185334

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

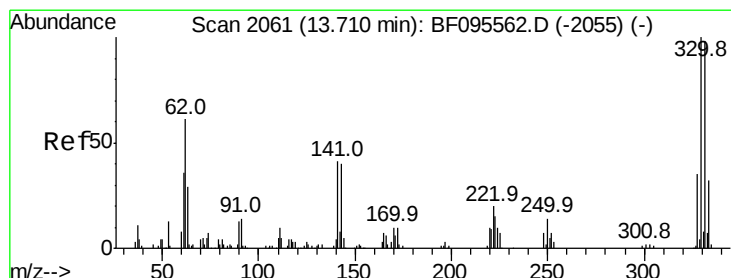
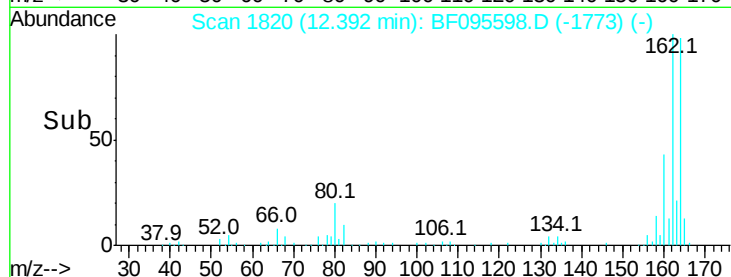
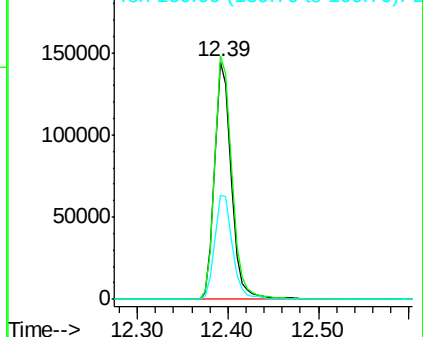
160 44.0 36.2 54.2



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: 141.03 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

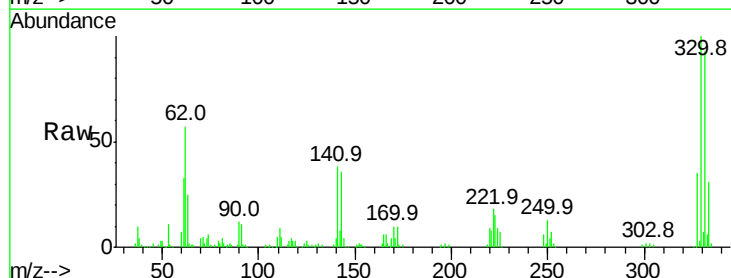
Tgt Ion:330 Resp: 214061

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

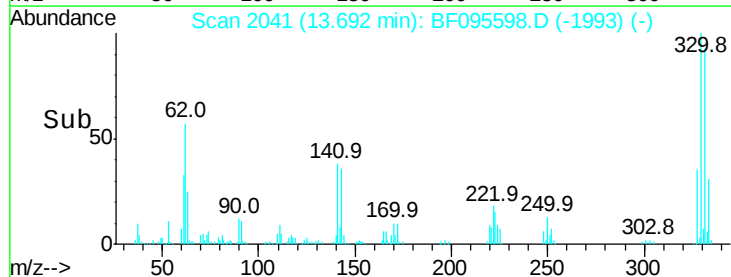
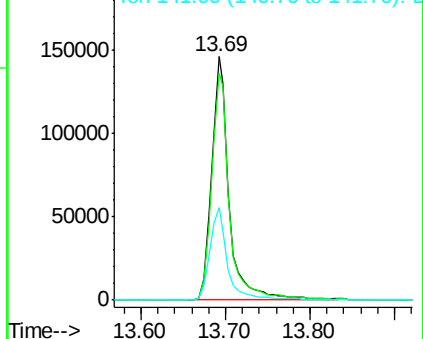
141 38.6 31.4 47.2

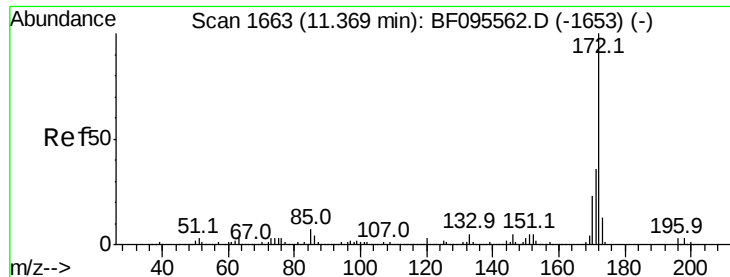


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 81.30 ng

RT: 11.35 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

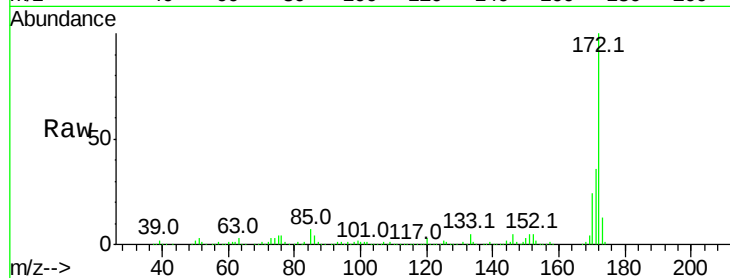
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1046797

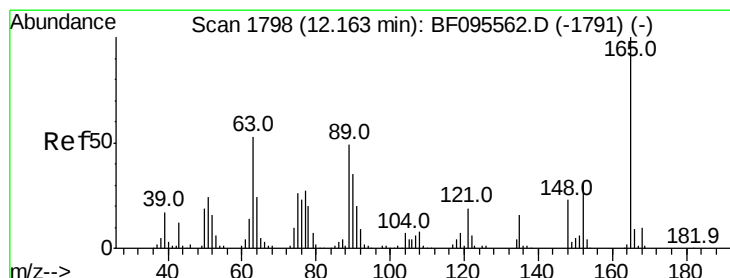
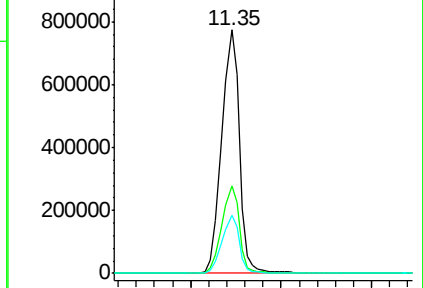
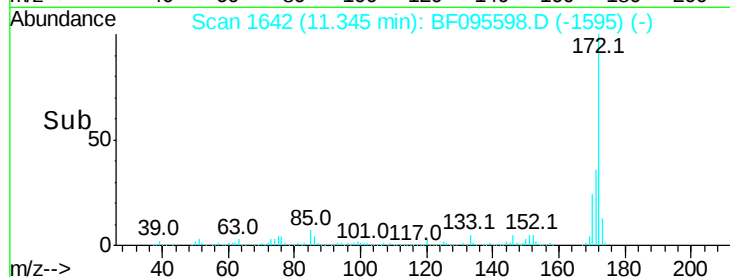
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8



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



#50

2,6-Dinitrotoluene

Concen: 7.50 ng

RT: 12.39 min Scan# 1820

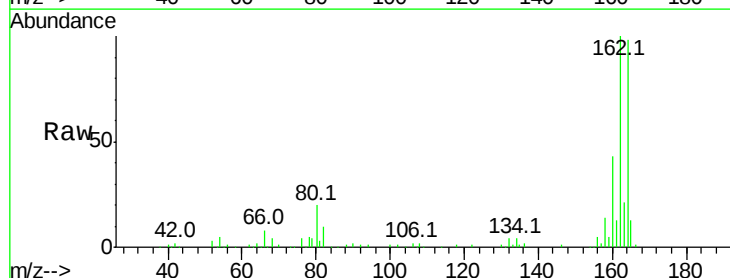
Delta R.T. 0.23 min

Lab File: BF095598.D

Acq: 1 Jun 2017 17:00

Tgt Ion:165 Resp: 23285

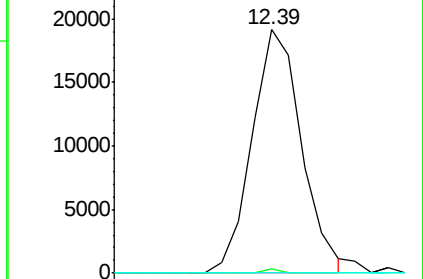
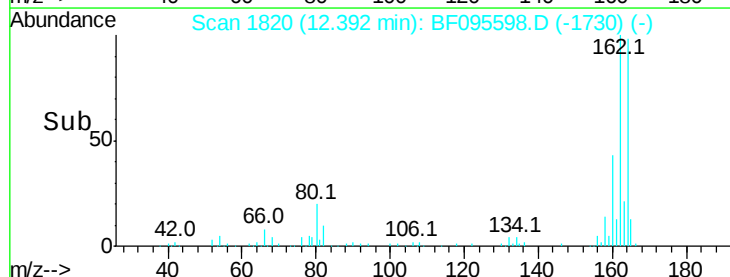
Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#

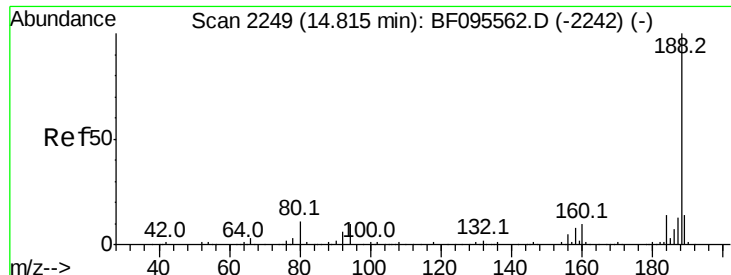


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

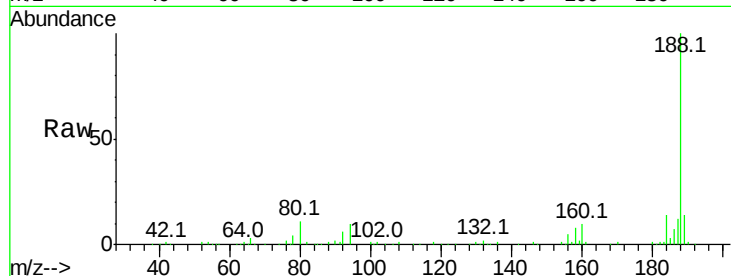




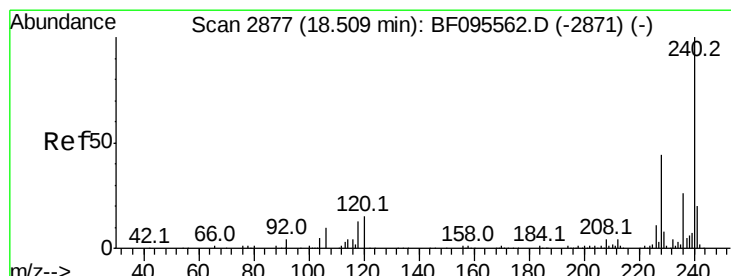
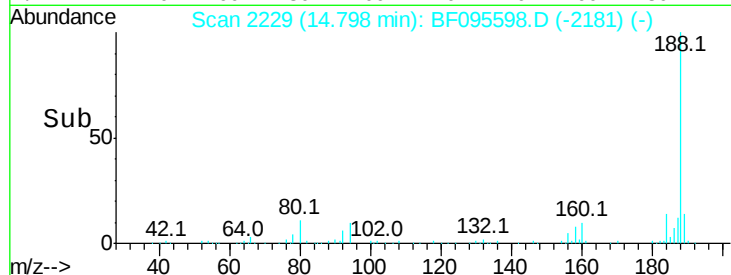
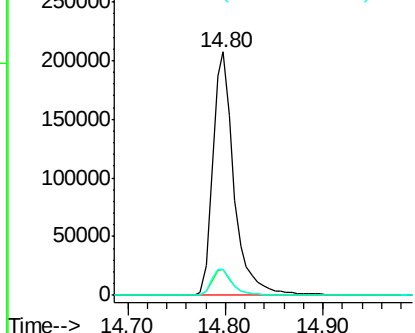
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095598.D
Acq: 1 Jun 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 310603
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.7 10.2 15.2

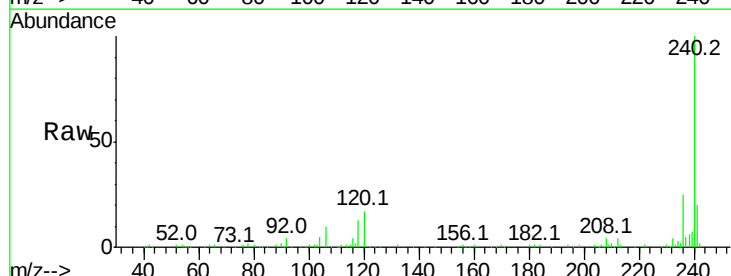


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

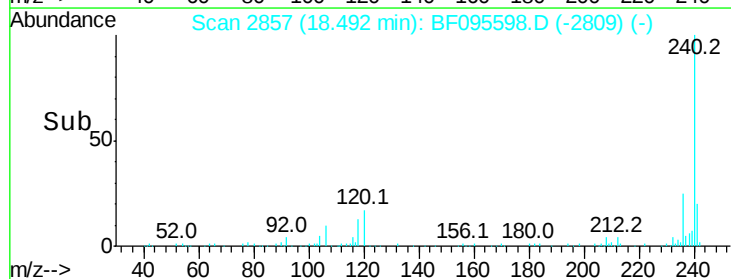
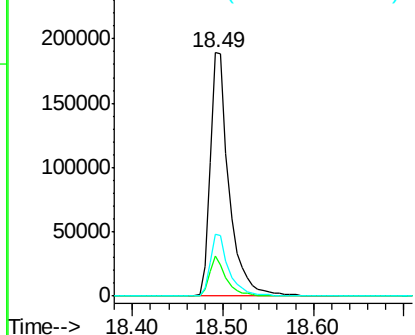


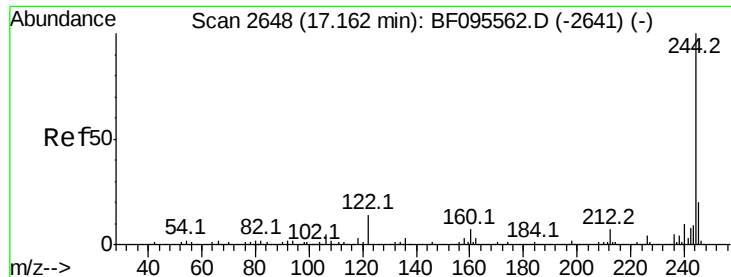
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BF095598.D
Acq: 1 Jun 2017 17:00

Tgt Ion:240 Resp: 276152
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 25.5 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

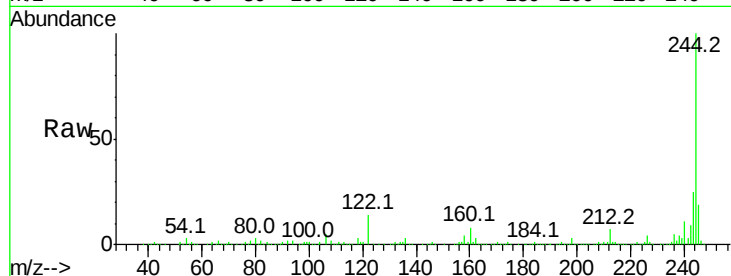




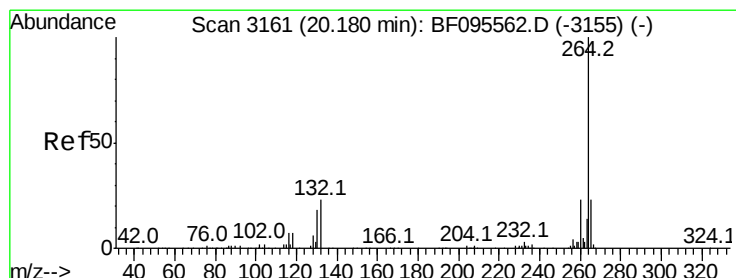
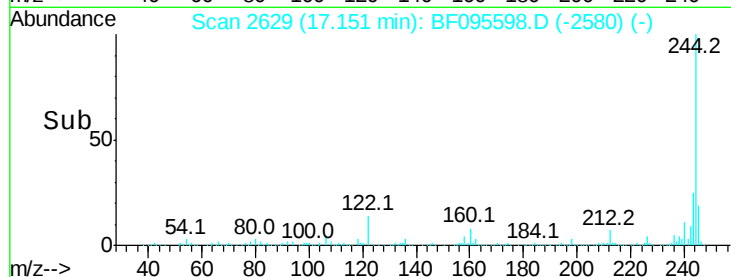
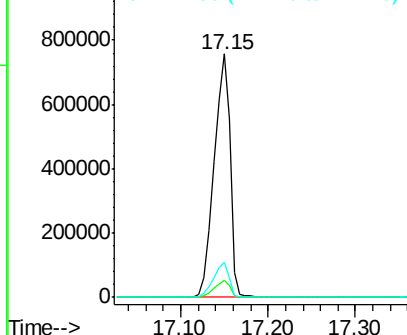
#78
 Terphenyl-d14
 Concen: 77.12 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.01 min
 Lab File: BF095598.D
 Acq: 1 Jun 2017 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 966956
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.1 10.3 15.5

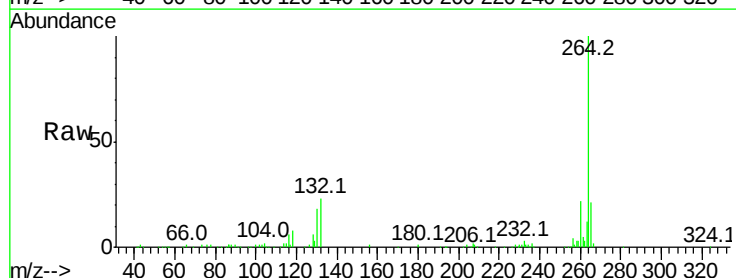


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BF095598.D
 Acq: 1 Jun 2017 17:00

Tgt Ion:264 Resp: 199146
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.4 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

