

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095278.D
 Acq On : 19 May 2017 23:15
 Operator : SJ/MA
 Sample : I3202-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:32:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

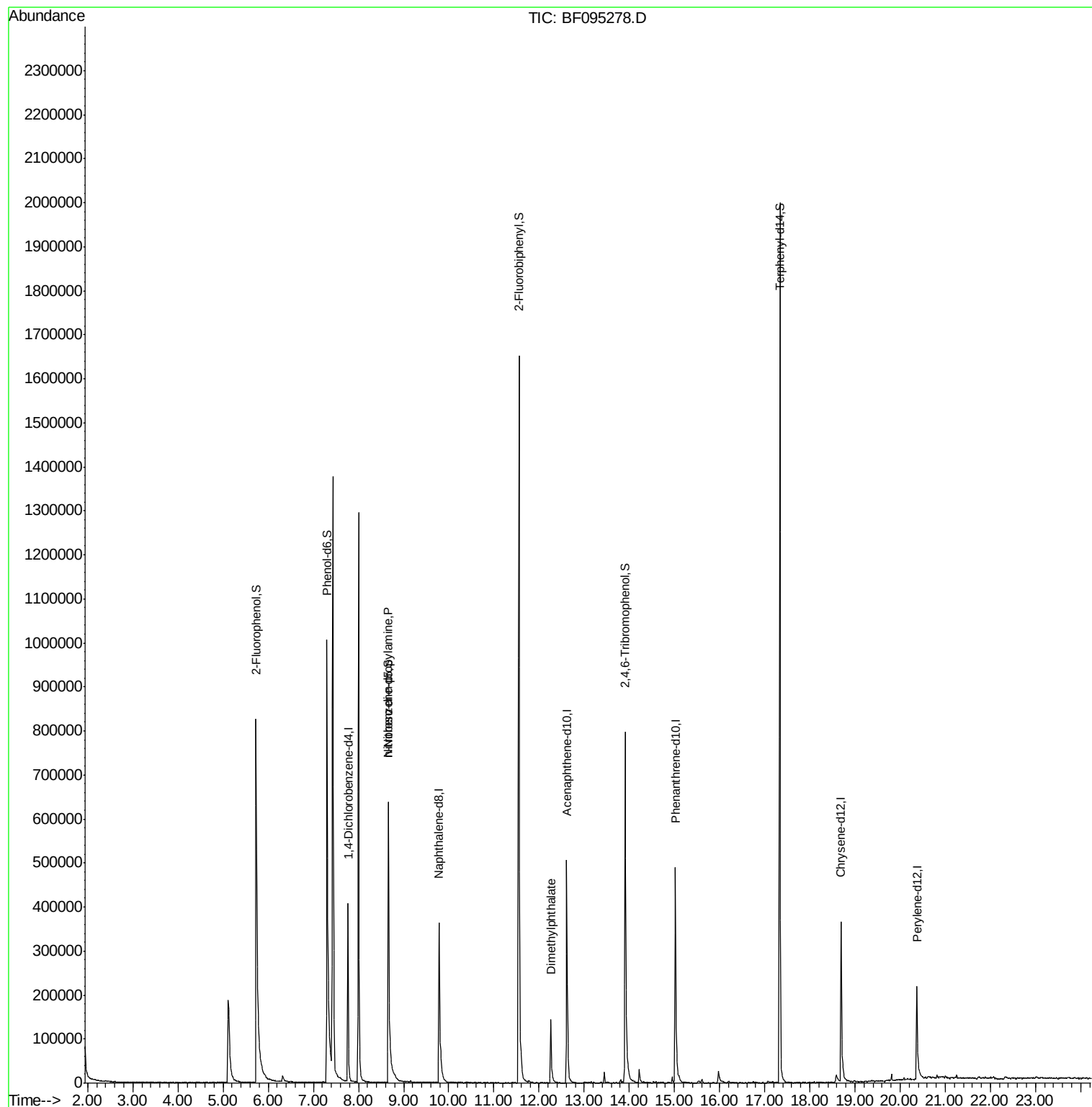
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	94482	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	398050	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	188153	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	358059	20.00	ng	0.00
75) Chrysene-d12	18.69	240	235780	20.00	ng	0.00
86) Perylene-d12	20.37	264	152715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	631769	111.48	ng	0.00
7) Phenol-d6	7.30	99	783141	115.17	ng	-0.01
23) Nitrobenzene-d5	8.66	82	454711	72.03	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	177370	115.11	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	930167	71.16	ng	0.00
78) Terphenyl-d14	17.34	244	792223	74.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	53330	11.60	ng	Qvalue # 77
49) Dimethylphthalate	12.26	163	131520	8.51	ng	98

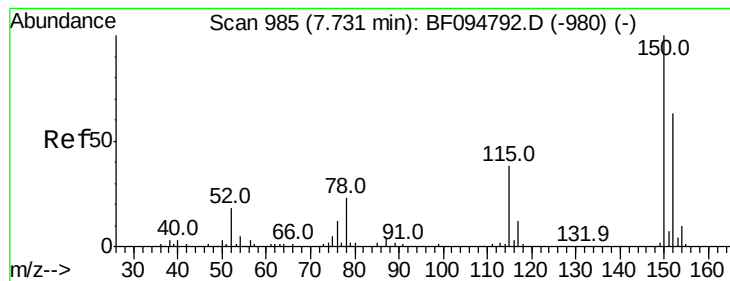
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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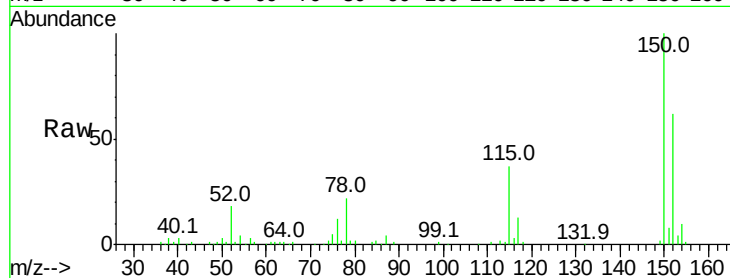


#1

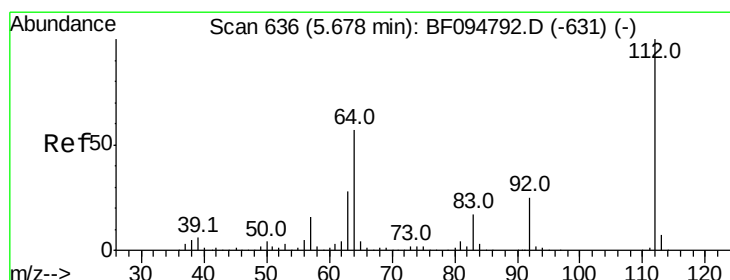
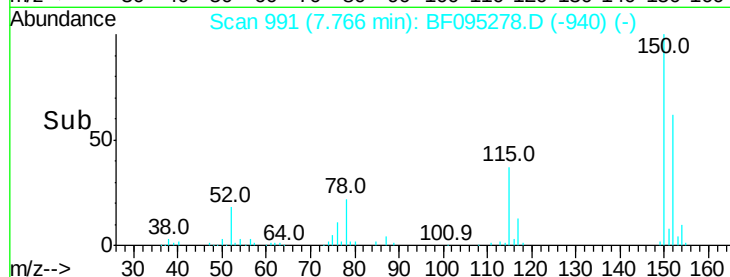
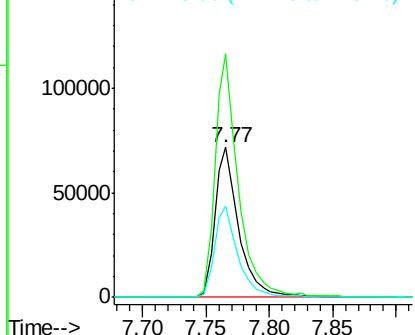
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94482
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 60.7 52.2 78.2



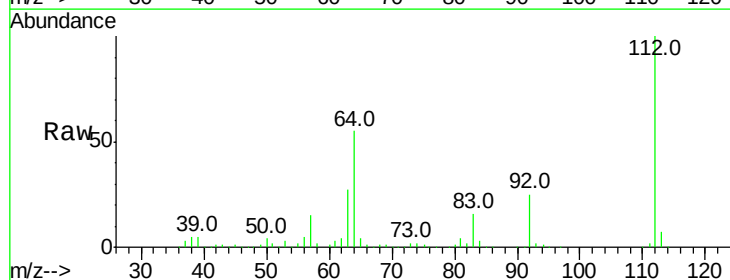
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



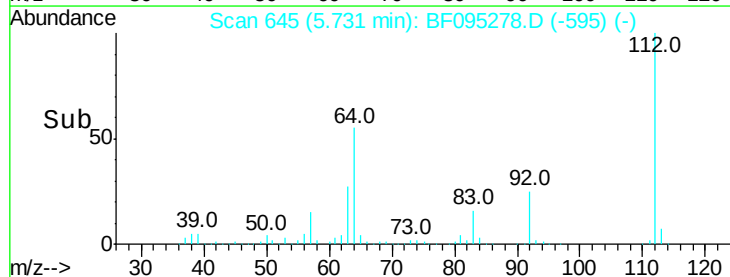
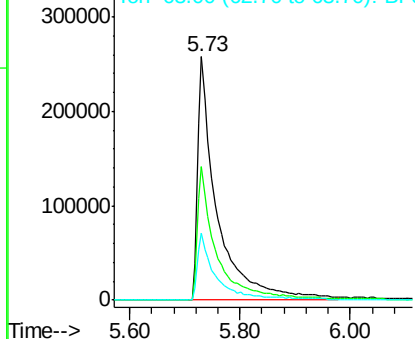
#5

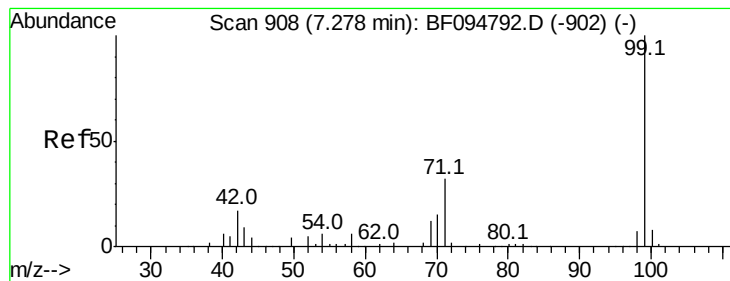
2-Fluorophenol
Concen: 111.48 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

Tgt Ion:112 Resp: 631769
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.3 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: 115.17 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095278.D

Acq: 19 May 2017 23:15

Instrument :

BNA_F

ClientSampled :

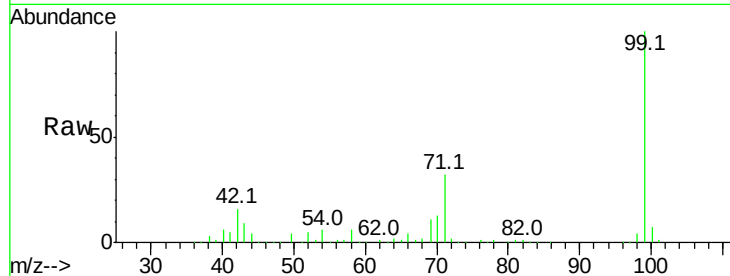
Tot Ion: 99 Resp: 783141

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

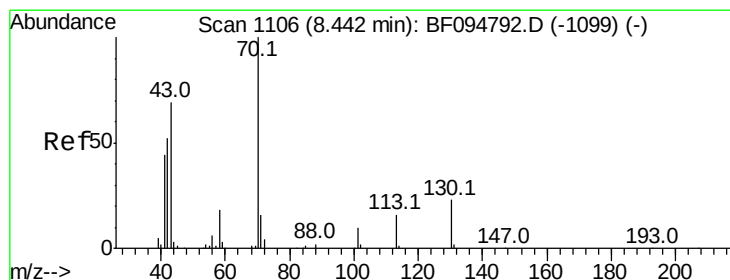
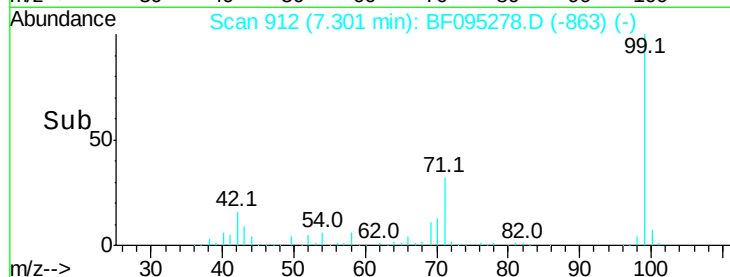
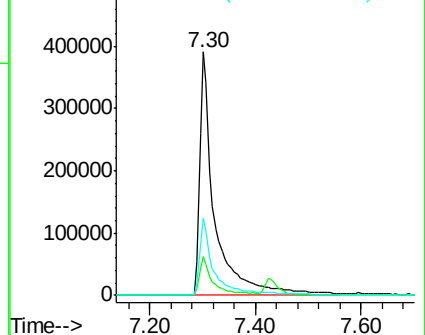
71 32.0 24.5 36.7



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: 11.60 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095278.D

Acq: 19 May 2017 23:15

Tgt Ion: 70 Resp: 53330

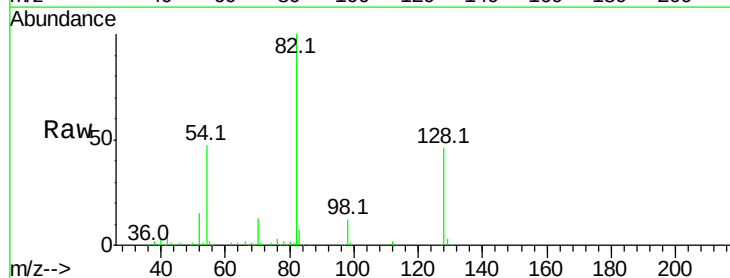
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

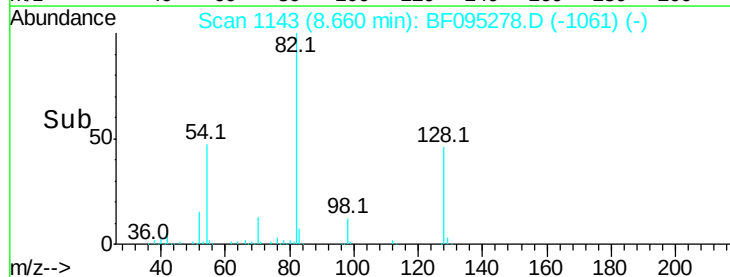
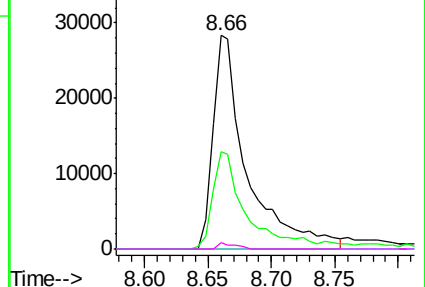


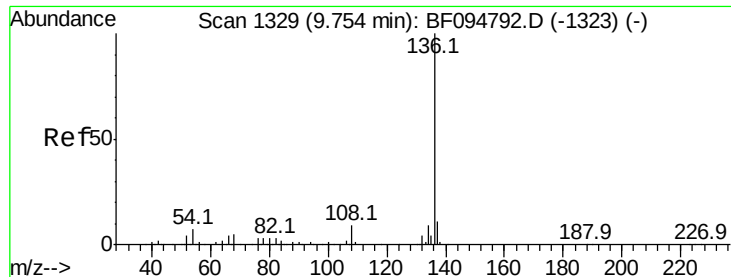
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

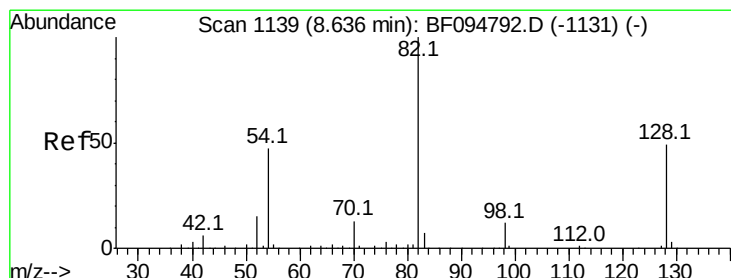
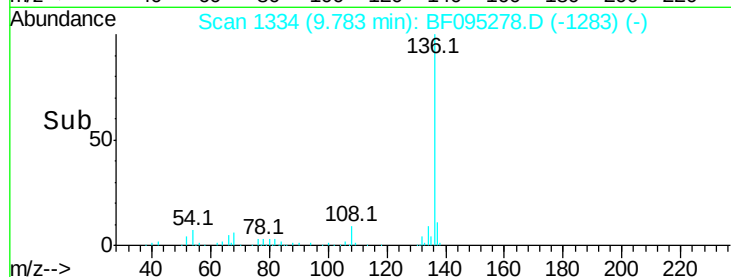
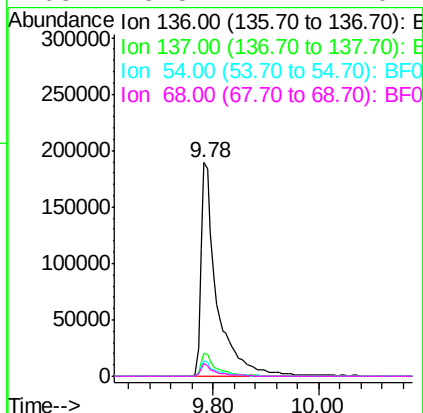
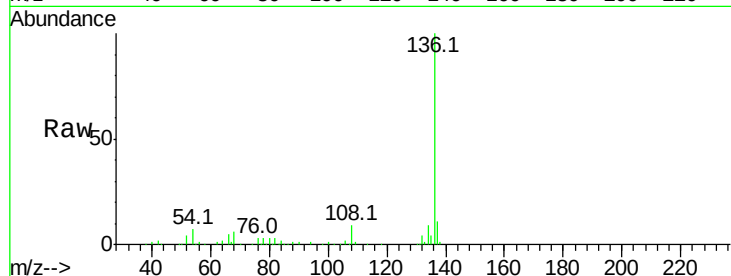




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

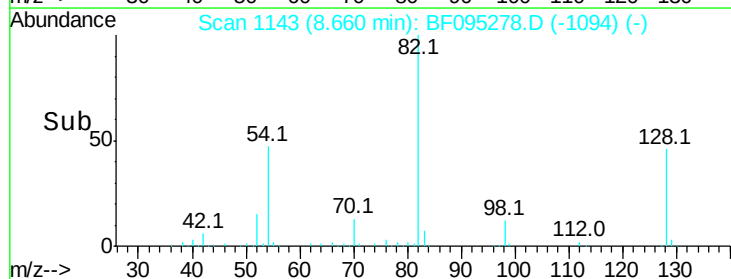
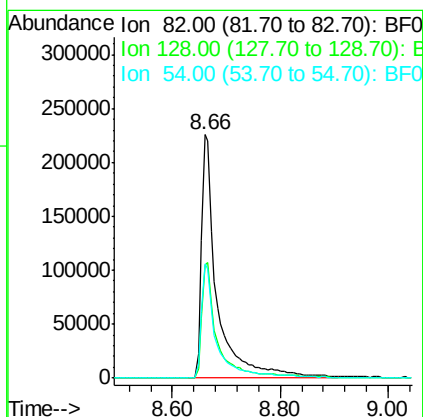
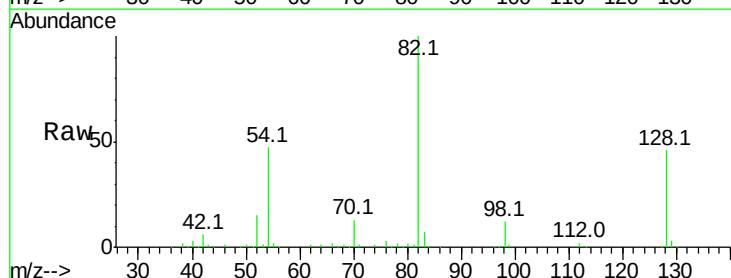
Instrument :
BNA_F
ClientSampled :

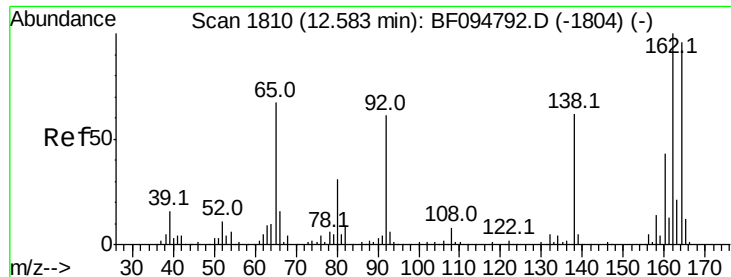
Tot Ion:136	Resp:	398050
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.0	4.9 7.3
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 72.03 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

Tgt Ion: 82	Resp:	454711
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.0 51.0
54	47.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095278.D

Acq: 19 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

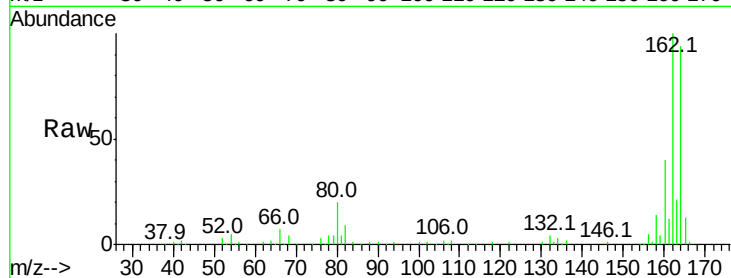
Tot Ion:164 Resp: 188153

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

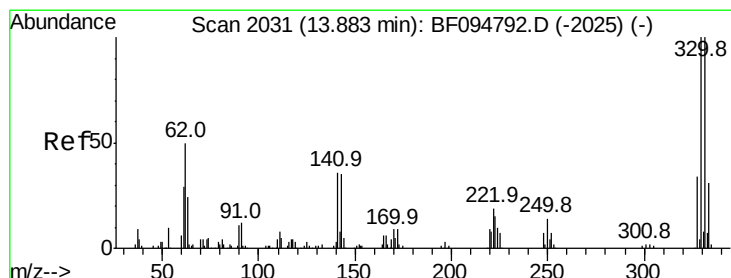
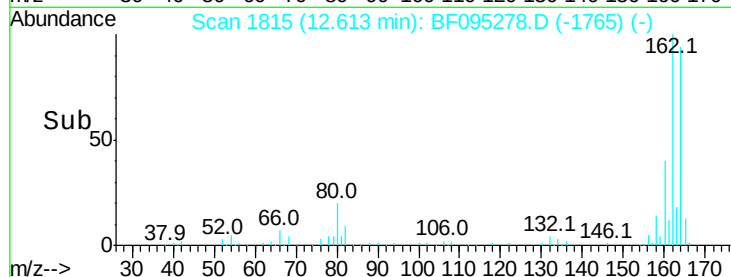
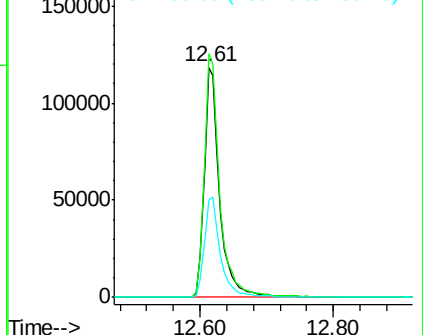
160 42.7 36.2 54.2



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: 115.11 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095278.D

Acq: 19 May 2017 23:15

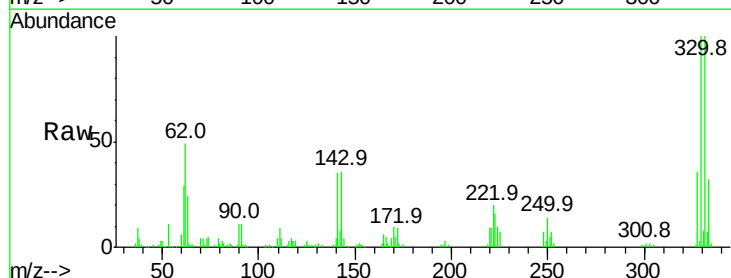
Tgt Ion:330 Resp: 177370

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

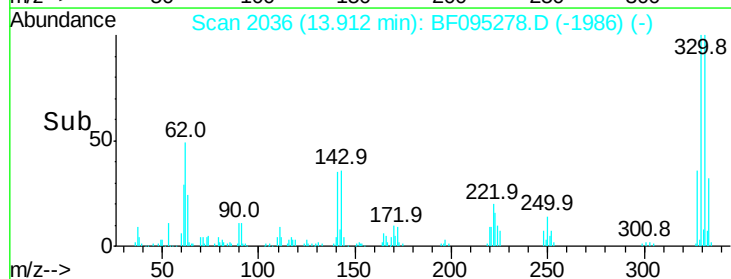
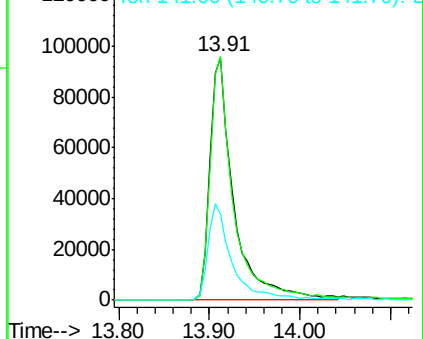
141 40.0 31.4 47.2

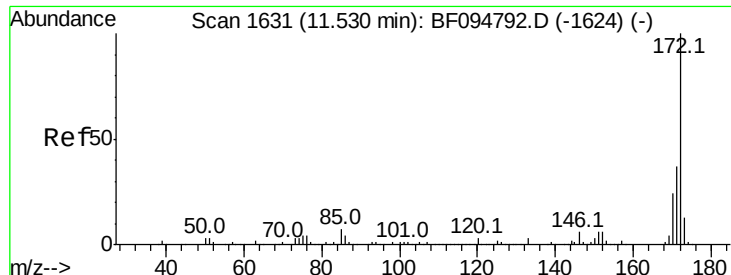


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

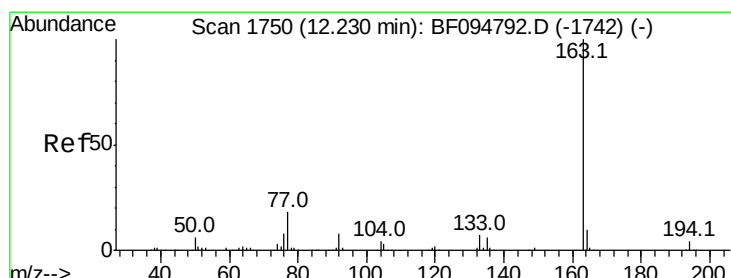
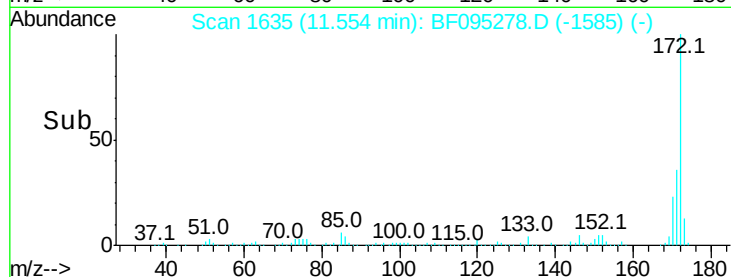
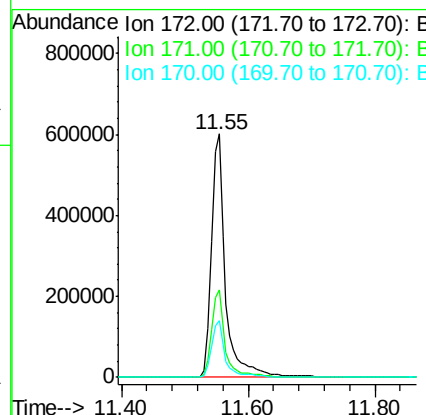
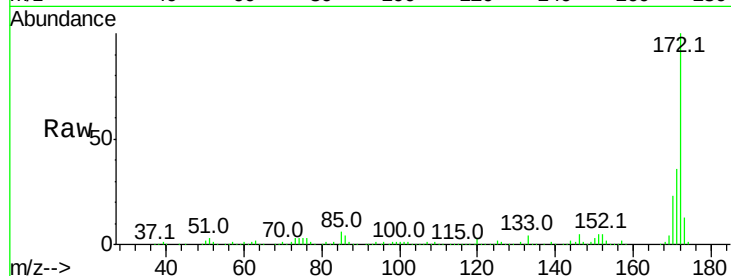




#44
2-Fluorobiphenyl
Concen: 71.16 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

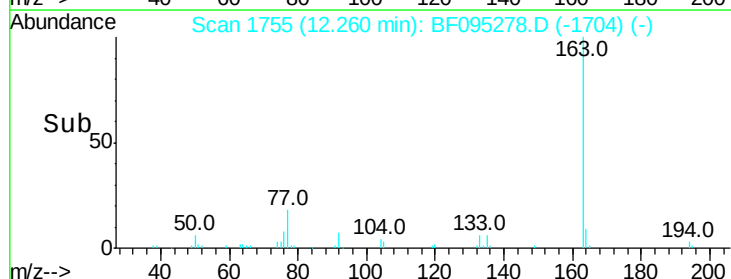
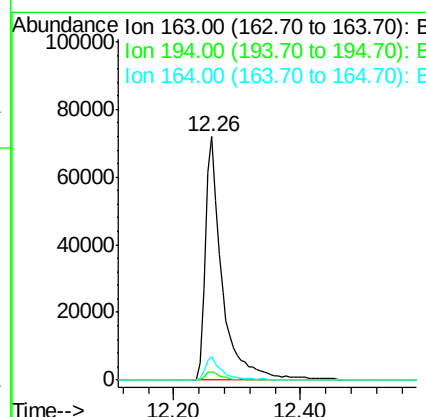
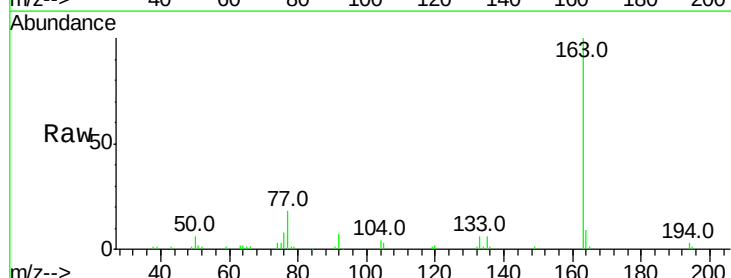
Instrument :
BNA_F
ClientSampleId :

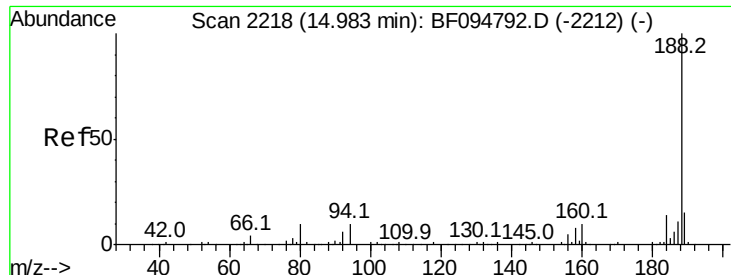
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8



#49
Dimethylphthalate
Concen: 8.51 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095278.D
Acq: 19 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.4	12.6

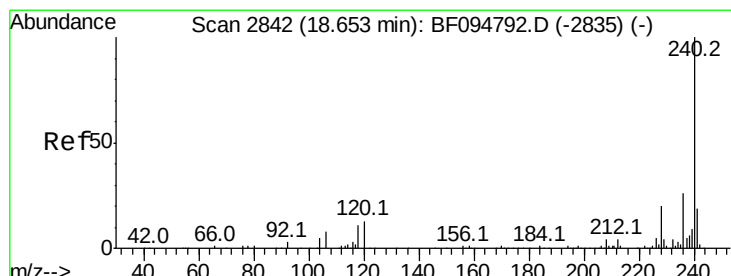
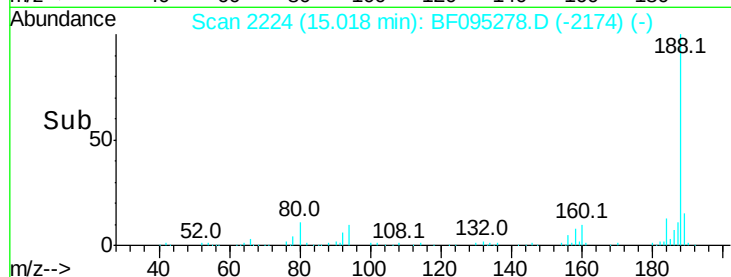
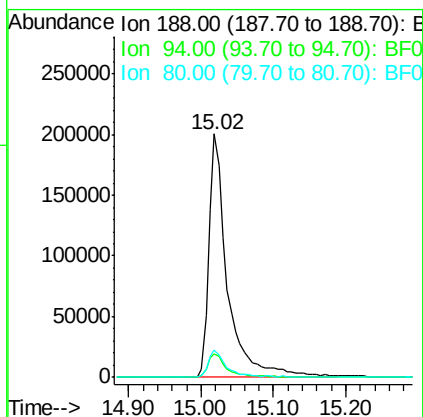
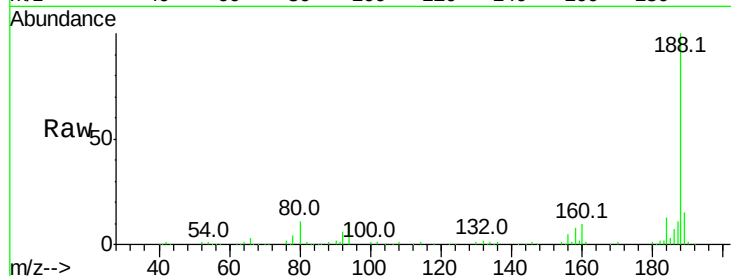




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095278.D
 Acq: 19 May 2017 23:15

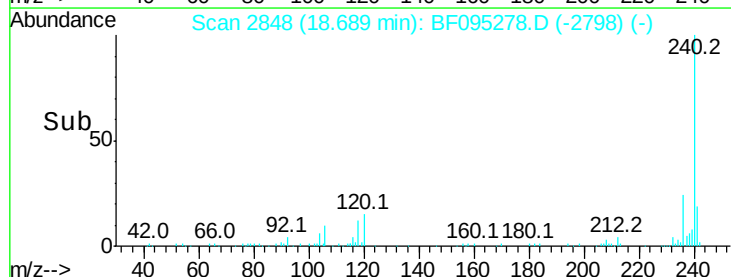
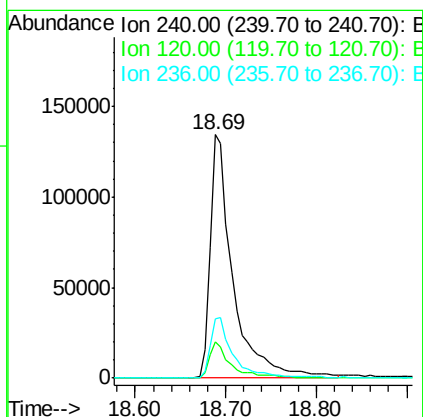
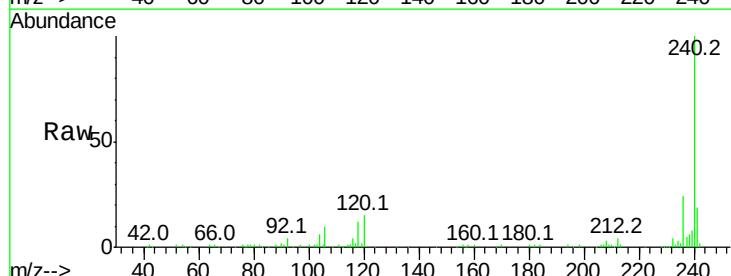
Instrument :
 BNA_F
 ClientSampled :

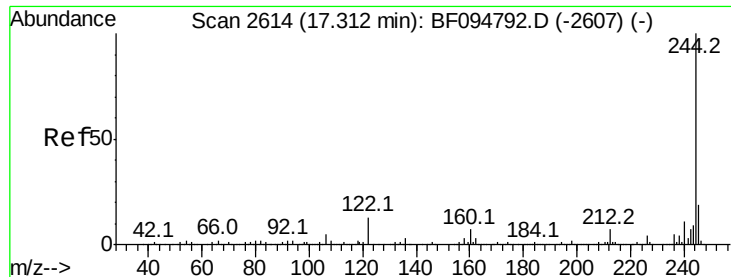
Tot Ion:188 Resp: 358059
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095278.D
 Acq: 19 May 2017 23:15

Tgt Ion:240 Resp: 235780
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 24.3 20.5 30.7

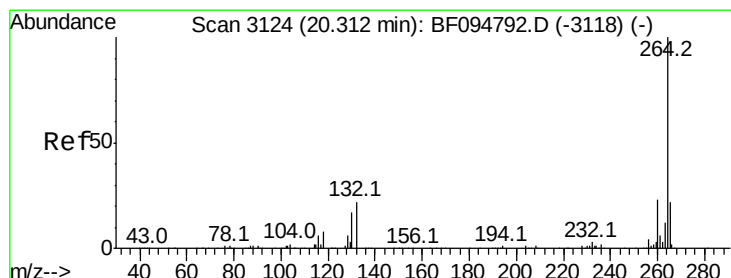
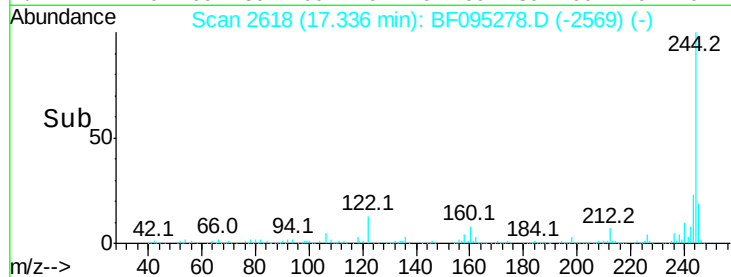
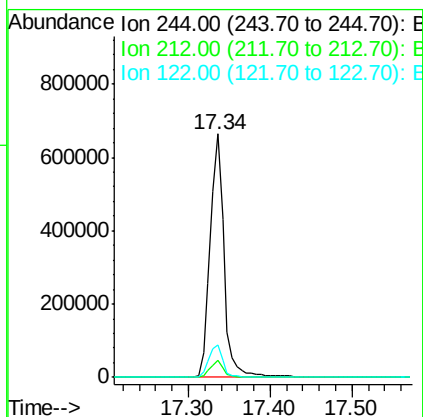
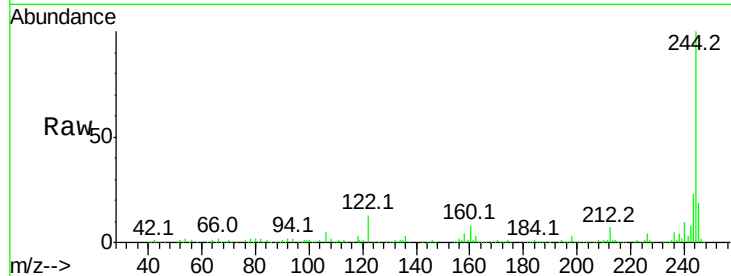




#78
 Terphenyl-d14
 Concen: 74.01 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095278.D
 Acq: 19 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 792223
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095278.D
 Acq: 19 May 2017 23:15

Tgt Ion:264 Resp: 152715
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 20.9 17.2 25.8

