

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095030.D
 Acq On : 9 May 2017 19:36
 Operator : SJ/MA
 Sample : I3014-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:15:18 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

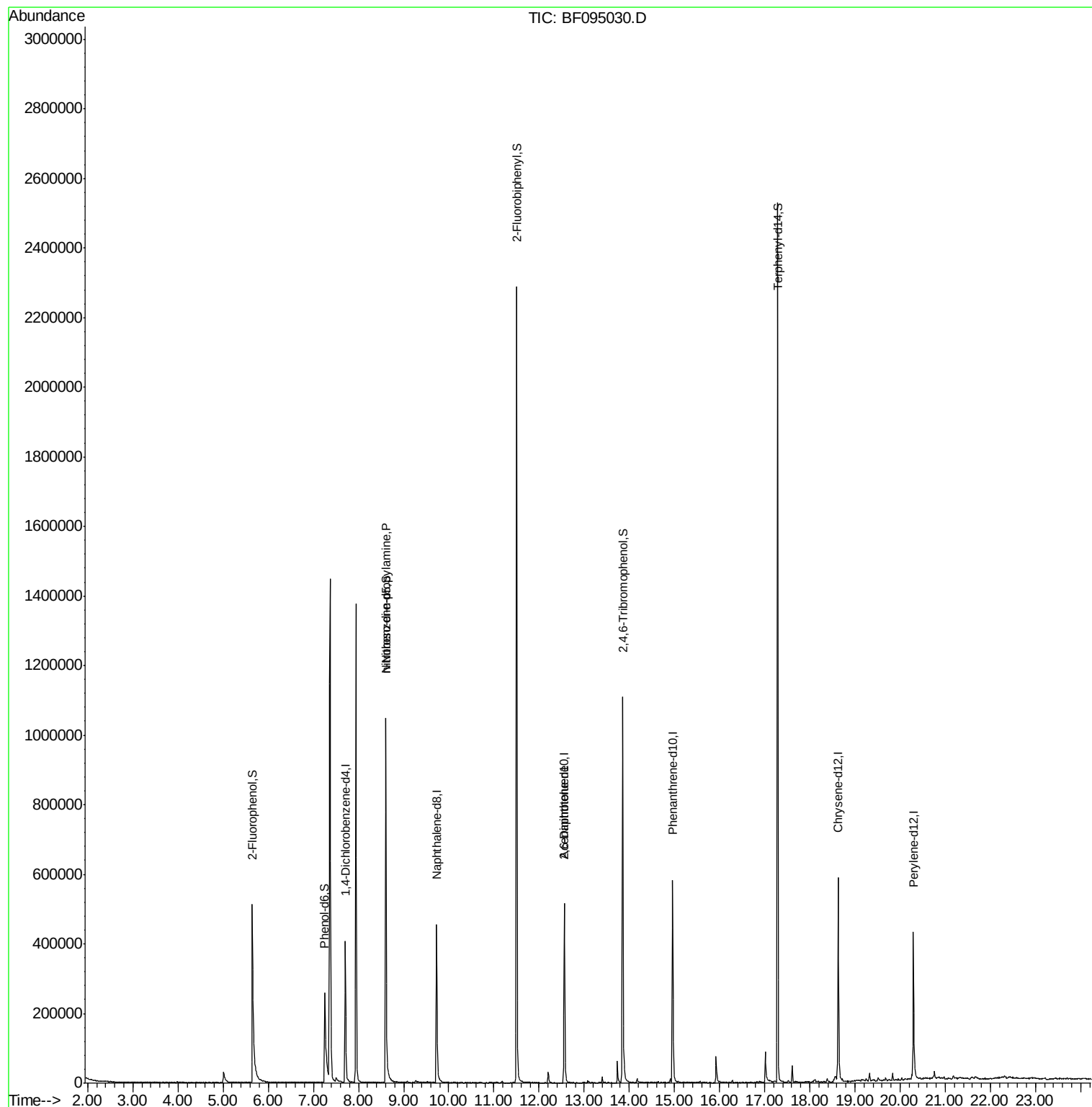
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	83162	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	342269	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	161574	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	319278	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	292690	20.00	ng	-0.02
86) Perylene-d12	20.29	264	206191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	344781	69.12	ng	-0.03
7) Phenol-d6	7.25	99	258368	43.17	ng	-0.03
23) Nitrobenzene-d5	8.61	82	518591	95.54	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	193510	146.24	ng	-0.03
44) 2-Fluorobiphenyl	11.51	172	1042324	92.85	ng	-0.02
78) Terphenyl-d14	17.29	244	1001132	75.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	64007	15.81	ng	# 78
50) 2,6-Dinitrotoluene	12.56	165	16729	6.18	ng	# 31

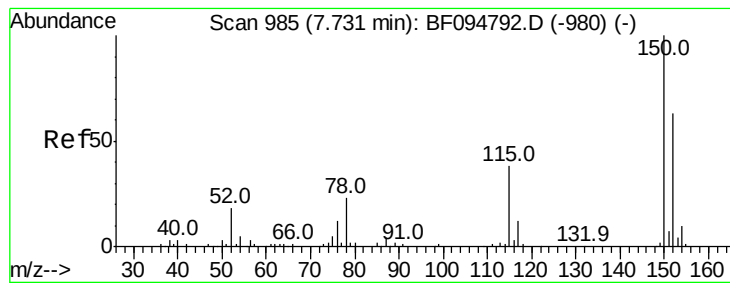
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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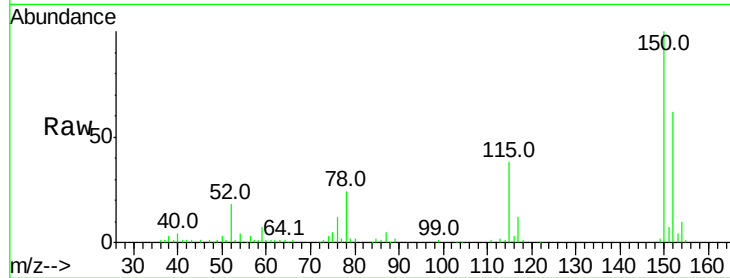


#1

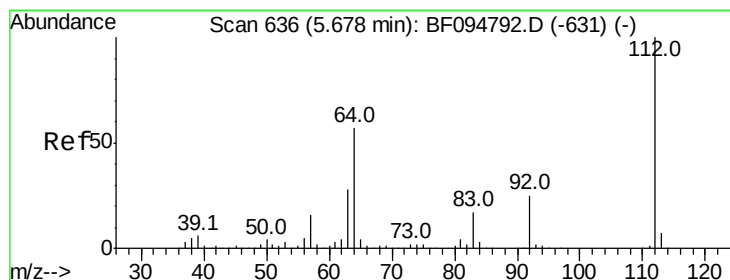
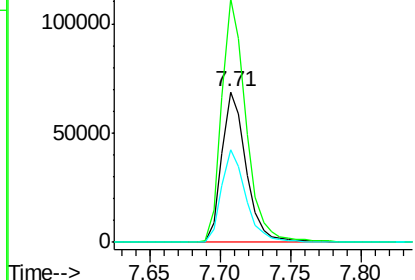
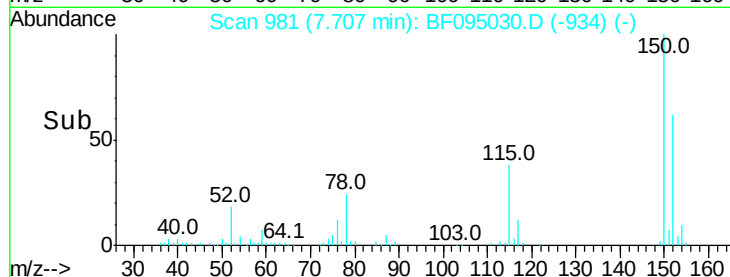
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095030.D
Acq: 9 May 2017 19:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 83162
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 61.6 52.2 78.2



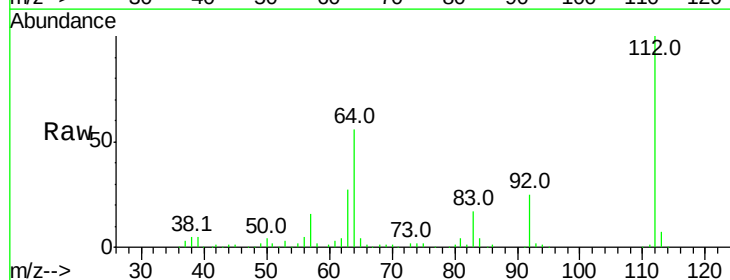
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



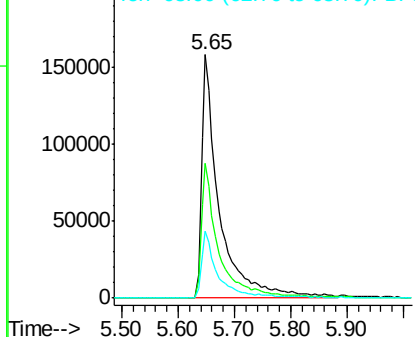
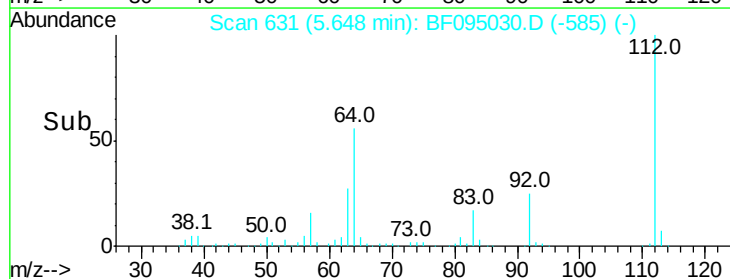
#5

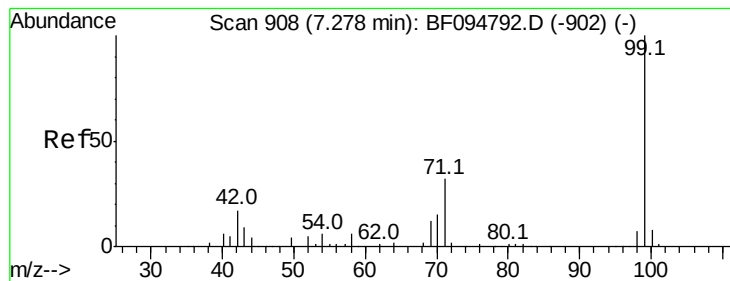
2-Fluorophenol
Concen: 69.12 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095030.D
Acq: 9 May 2017 19:36

Tgt Ion:112 Resp: 344781
Ion Ratio Lower Upper
112 100
64 55.6 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: 43.17 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

Instrument :

BNA_F

ClientSampled :

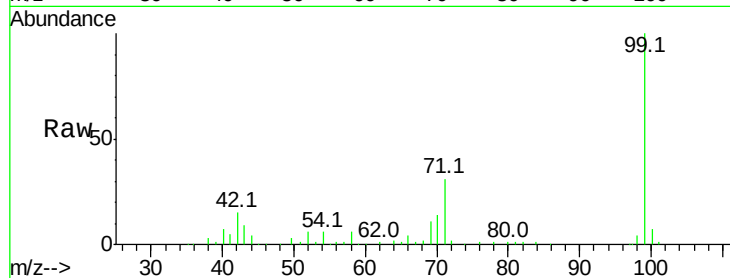
Tot Ion: 99 Resp: 258368

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

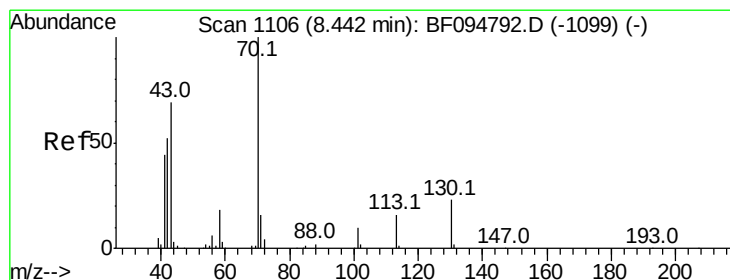
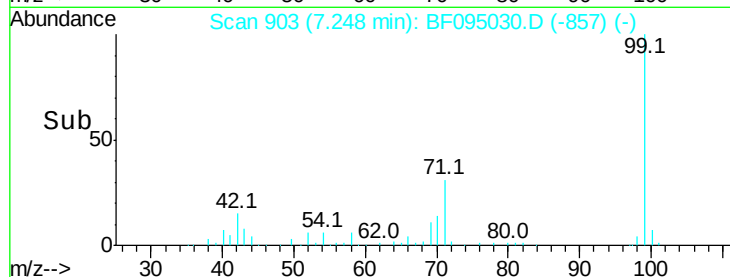
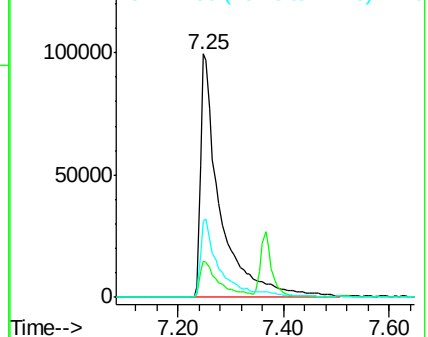
71 31.0 24.5 36.7



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: 15.81 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

Tgt Ion: 70 Resp: 64007

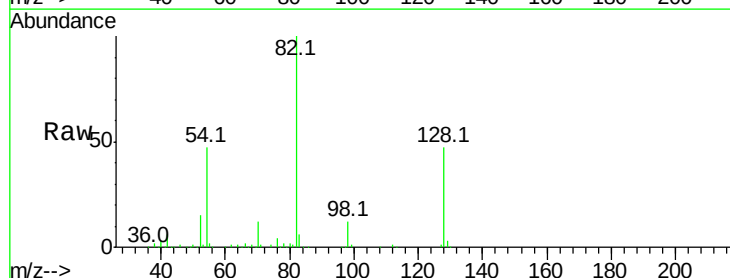
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

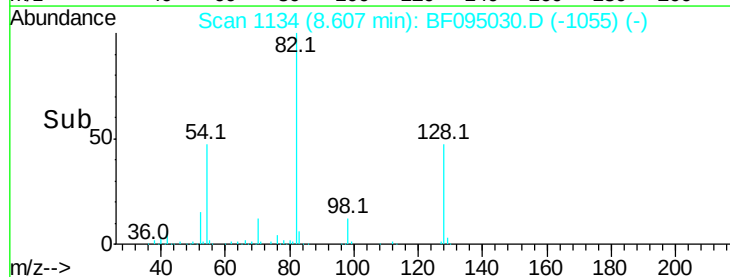
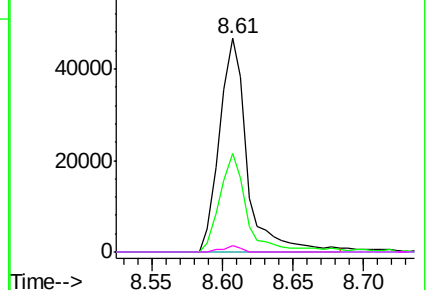


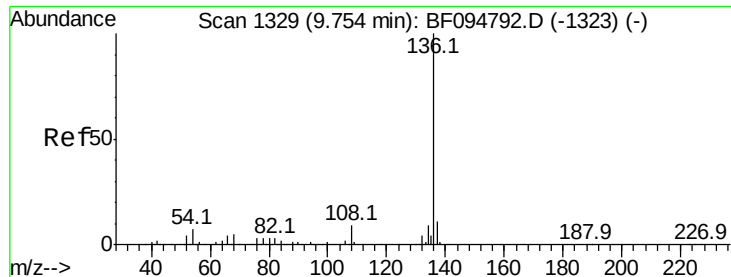
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

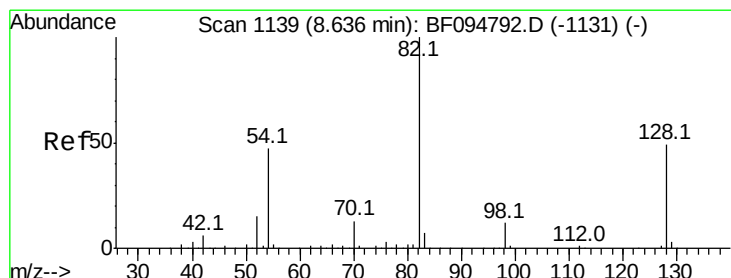
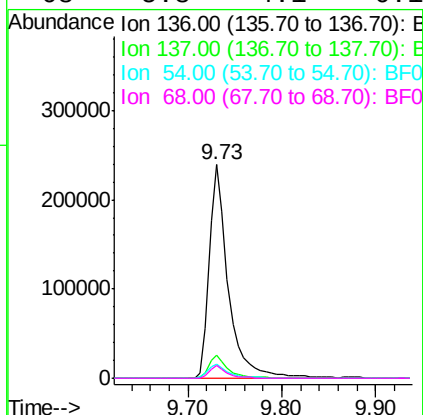
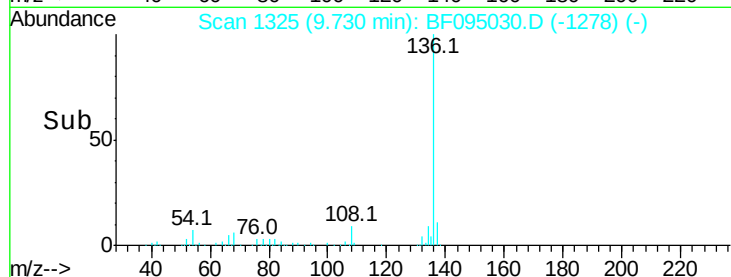
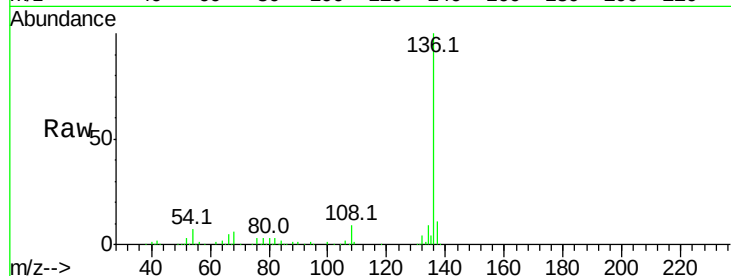




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095030.D
Acq: 9 May 2017 19:36

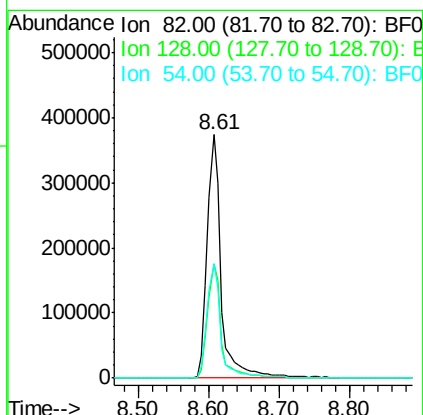
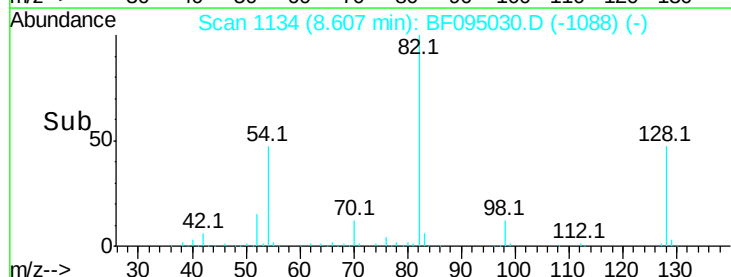
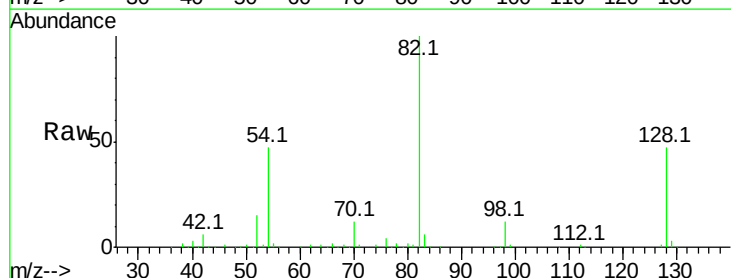
Instrument :
BNA_F
ClientSampleId :

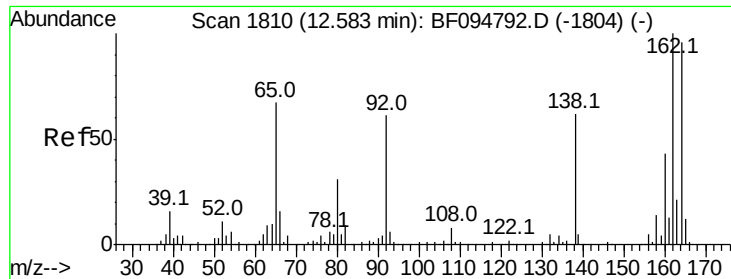
Tot Ion:136	Resp:	342269
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	6.7	4.9 7.3
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 95.54 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095030.D
Acq: 9 May 2017 19:36

Tgt Ion: 82	Resp:	518591
Ion	Ratio	Lower Upper
82	100	
128	47.0	34.0 51.0
54	46.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

Instrument :

BNA_F

ClientSampleId :

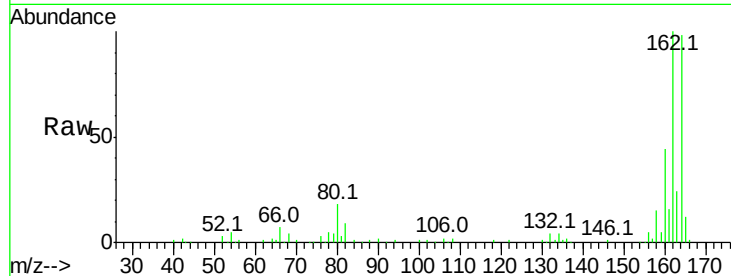
Tot Ion:164 Resp: 161574

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

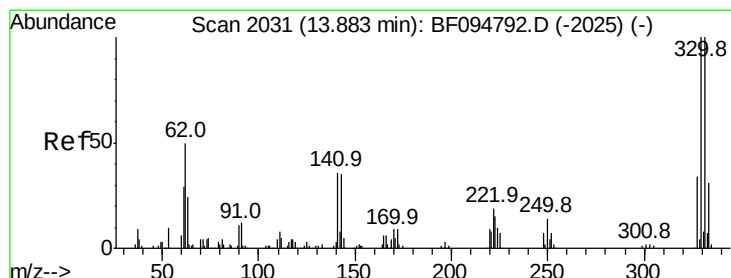
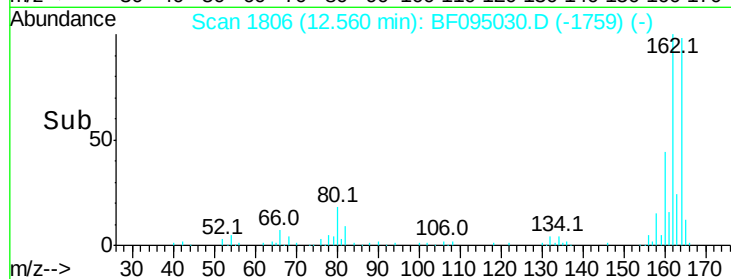
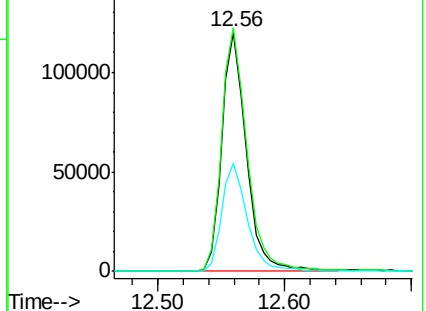
160 45.1 36.2 54.2



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: 146.24 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

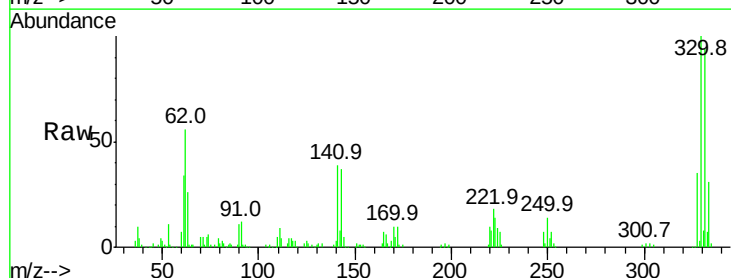
Tgt Ion:330 Resp: 193510

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

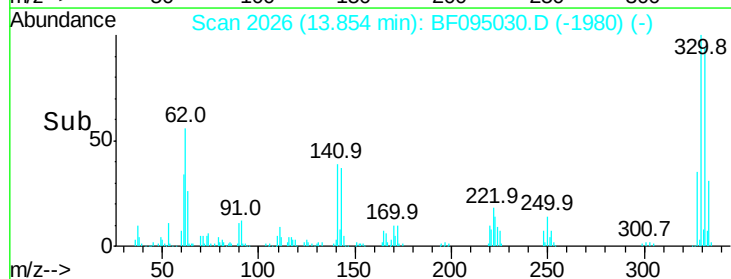
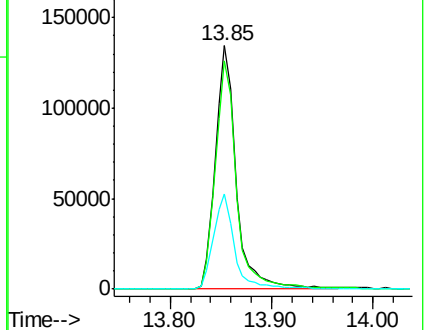
141 39.2 31.4 47.2

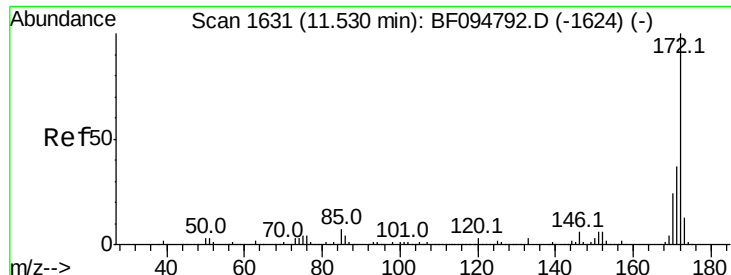


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.85 ng

RT: 11.51 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

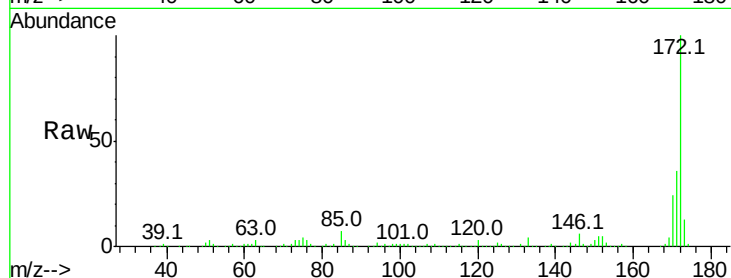
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1042324

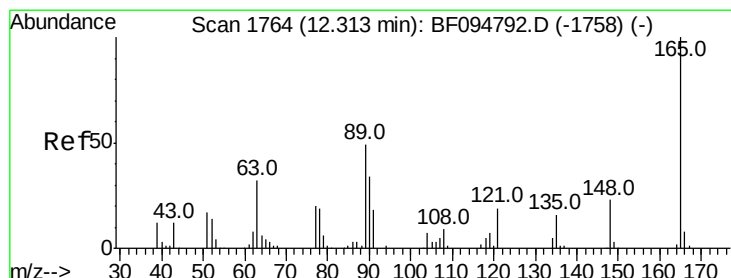
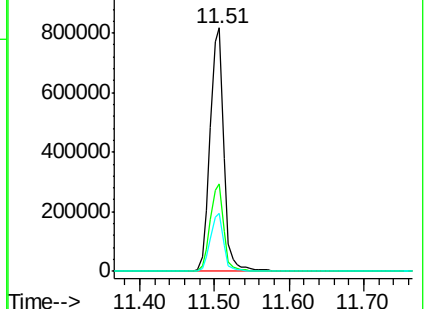
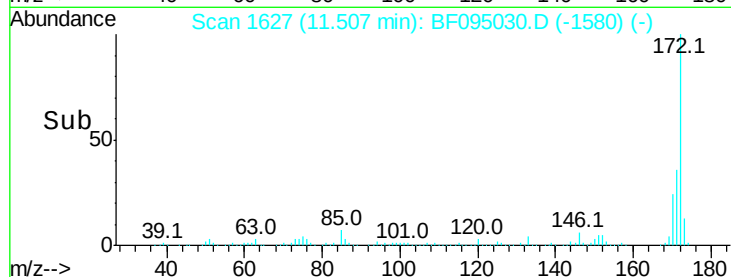
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



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: 6.18 ng

RT: 12.56 min Scan# 1806

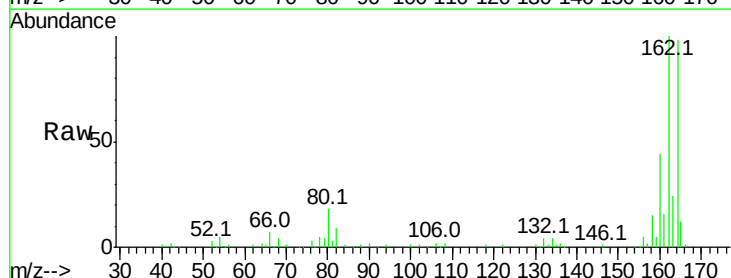
Delta R.T. 0.25 min

Lab File: BF095030.D

Acq: 9 May 2017 19:36

Tgt Ion:165 Resp: 16729

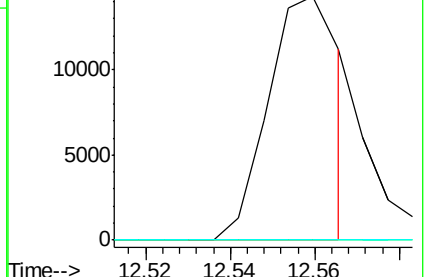
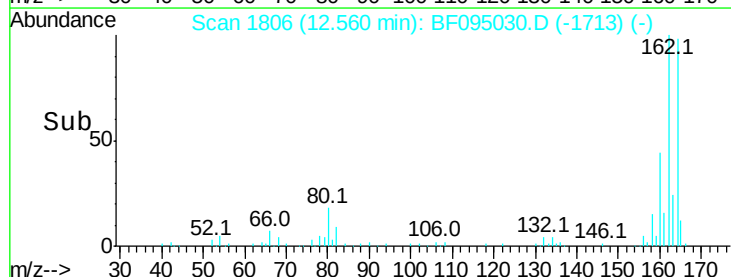
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

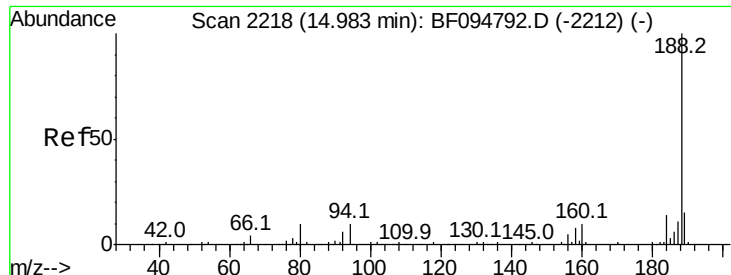


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

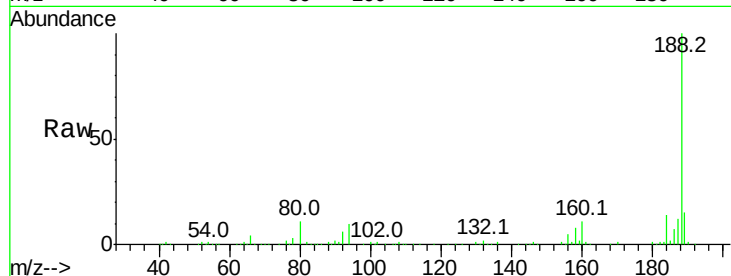




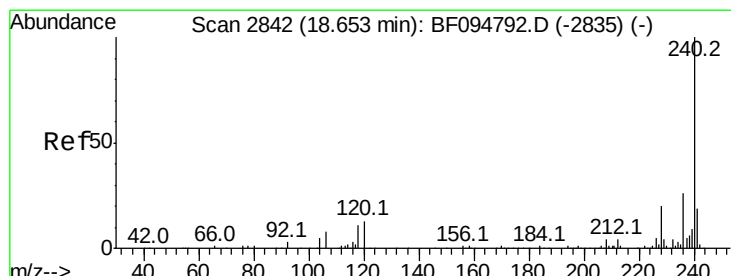
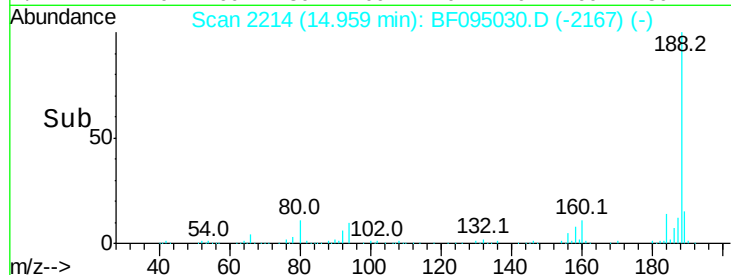
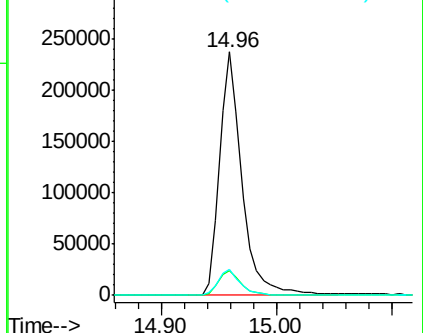
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095030.D
 Acq: 9 May 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 319278
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.8 10.2 15.2

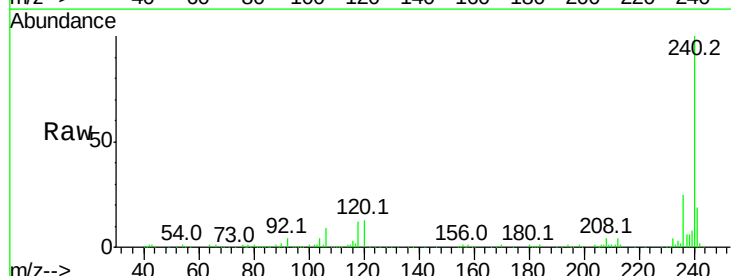


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

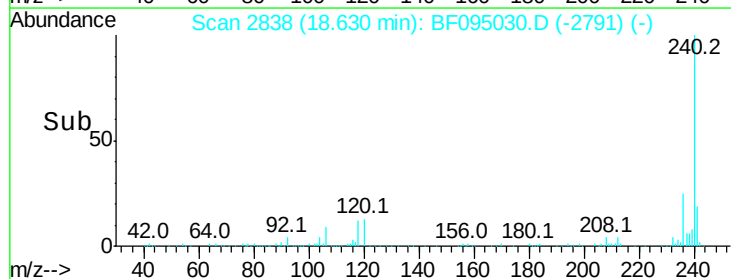
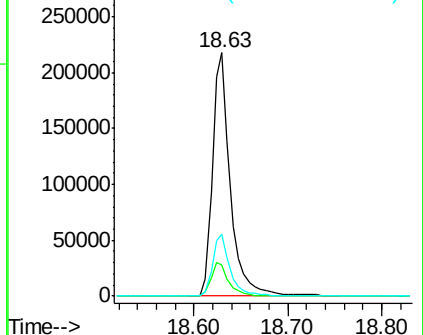


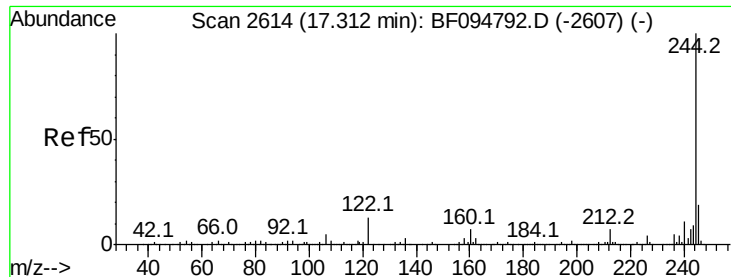
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095030.D
 Acq: 9 May 2017 19:36

Tgt Ion:240 Resp: 292690
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 25.2 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

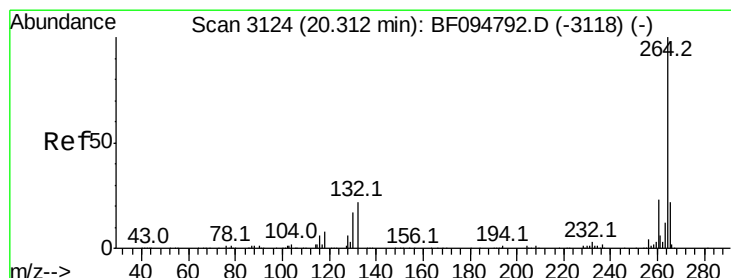
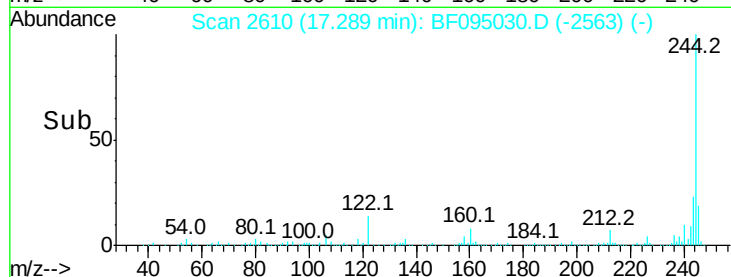
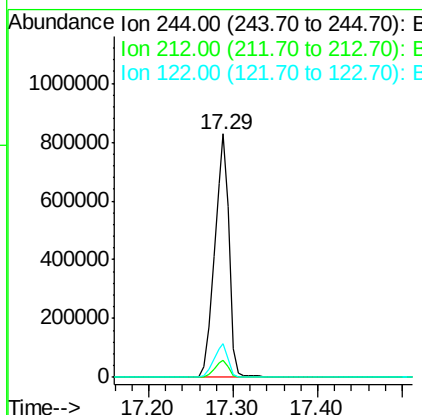
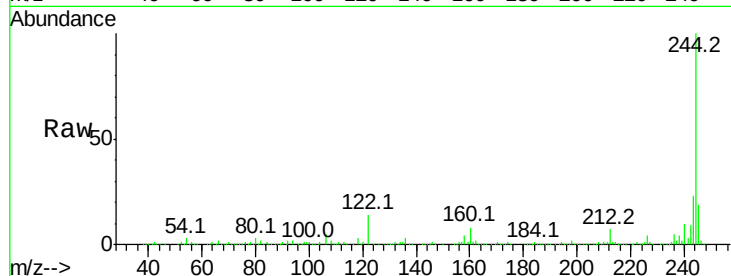




#78
 Terphenyl-d14
 Concen: 75.34 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095030.D
 Acq: 9 May 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1001132
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095030.D
 Acq: 9 May 2017 19:36

Tgt Ion:264 Resp: 206191
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.6 17.2 25.8

