

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093964.D
 Acq On : 28 Mar 2017 1:31
 Operator : SJ/MA
 Sample : I2412-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Mar 28 04:44:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

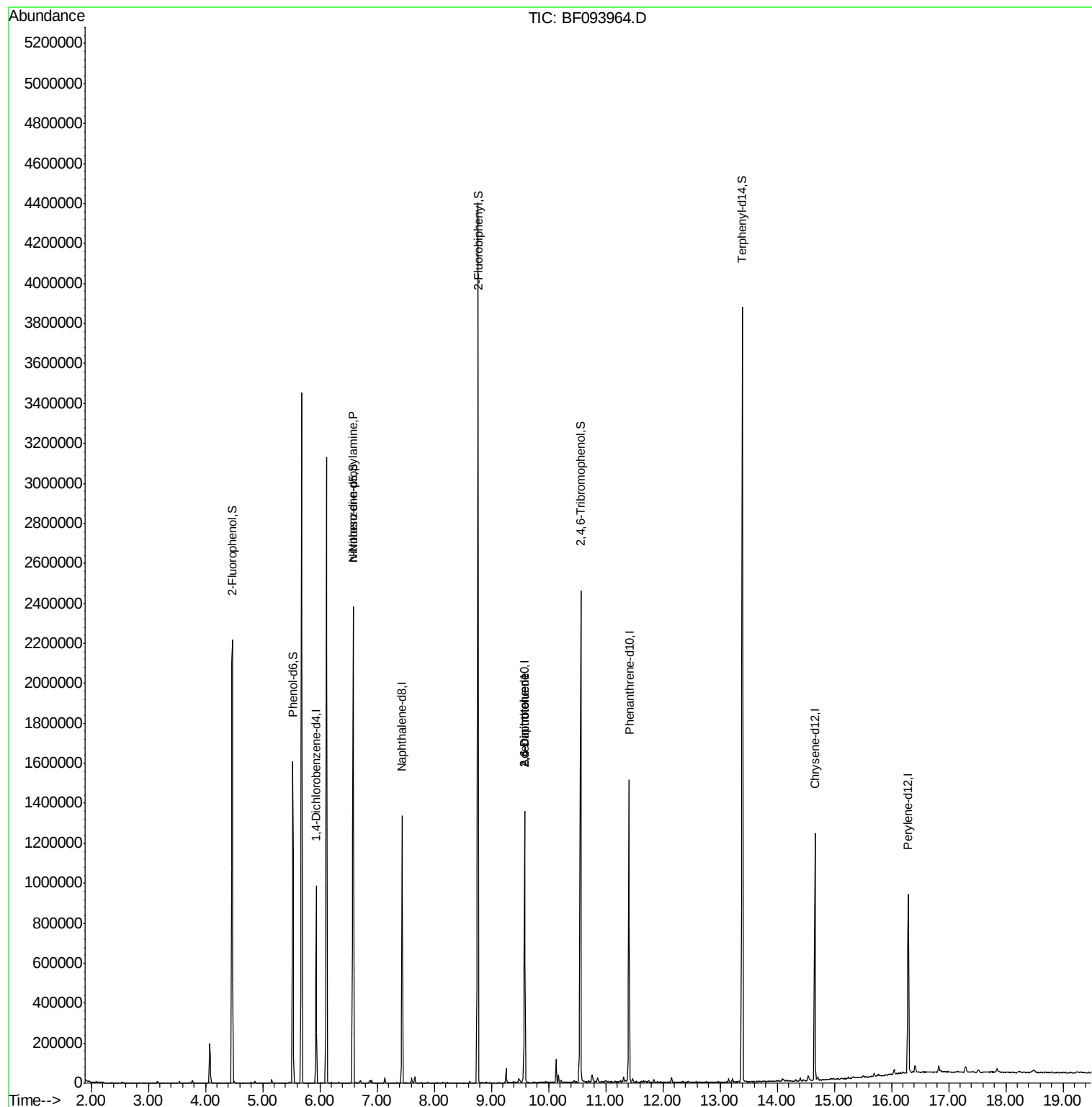
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	166771	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	666832	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	313682	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	580223	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	499298	20.00	ng	-0.02
86) Perylene-d12	16.29	264	374974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	669172	67.77	ng	0.00
7) Phenol-d6	5.53	99	566714	46.40	ng	-0.02
23) Nitrobenzene-d5	6.59	82	992248	84.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	365126	147.30	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1796358	87.35	ng	-0.01
78) Terphenyl-d14	13.39	244	1649511	74.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	131363	16.73	ng	# 79
50) 2,6-Dinitrotoluene	9.59	165	39706	7.77	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	39705	6.18	ng	# 33

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

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W-1A

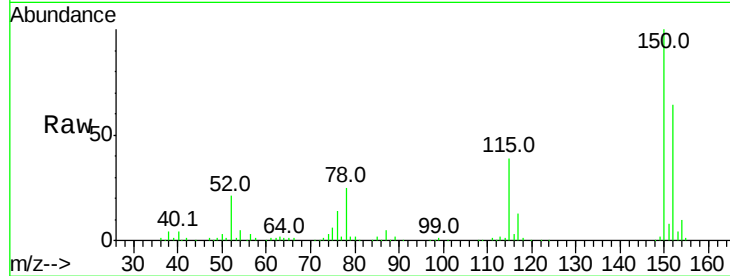
Tot Ion:152 Resp: 166771

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

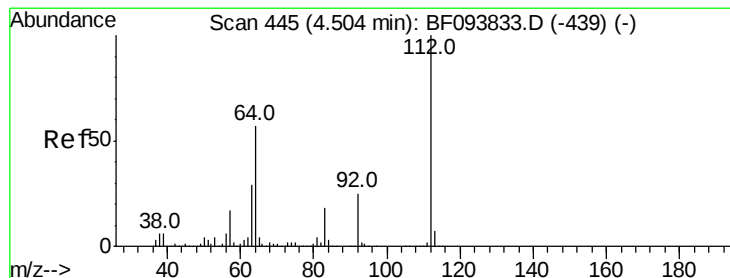
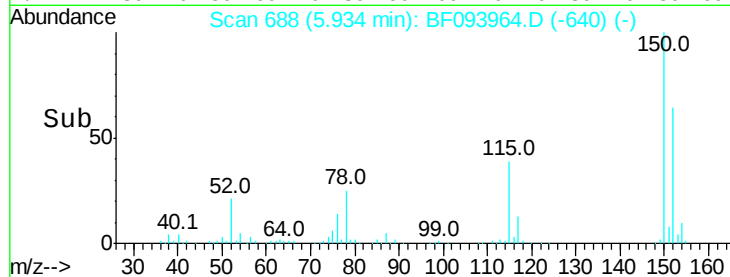
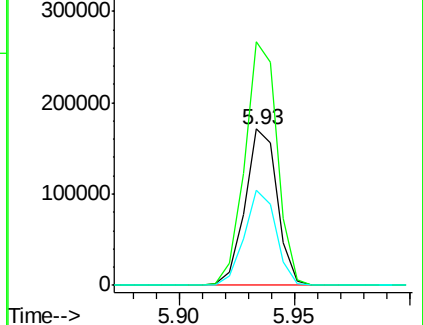
115 60.7 52.2 78.2



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: 67.77 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

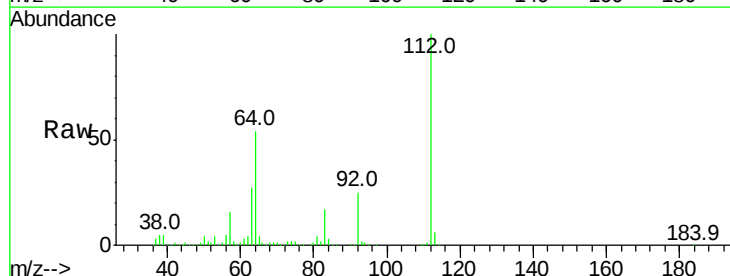
Tgt Ion:112 Resp: 669172

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

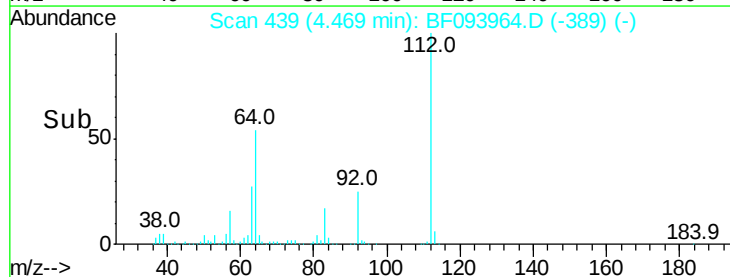
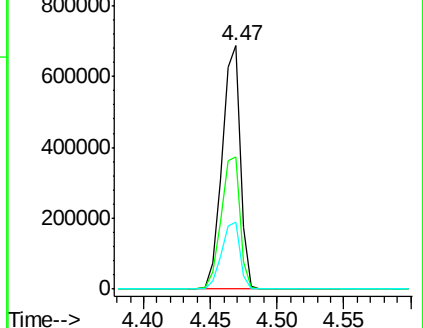
63 27.5 23.4 35.0

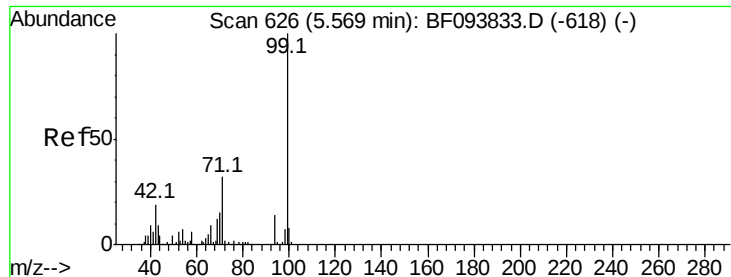


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.40 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

ClientSampleId :

W-1A

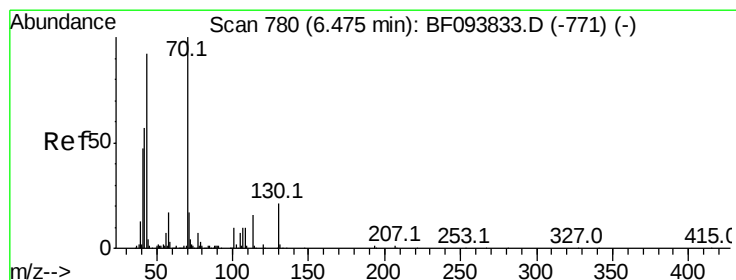
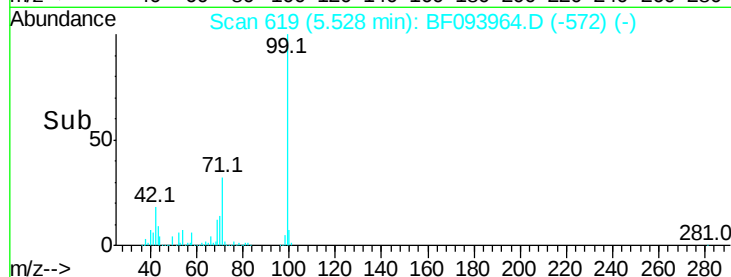
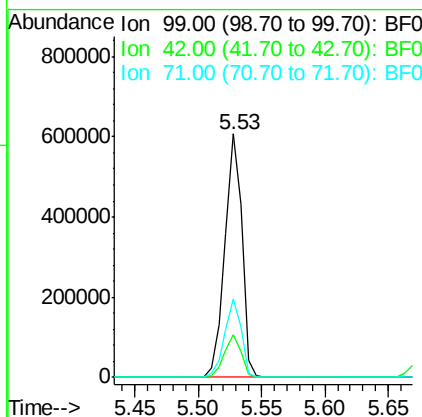
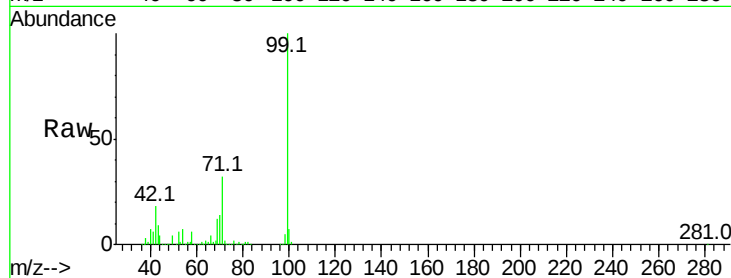
Tot Ion: 99 Resp: 566714

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 32.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.73 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Tgt Ion: 70 Resp: 131363

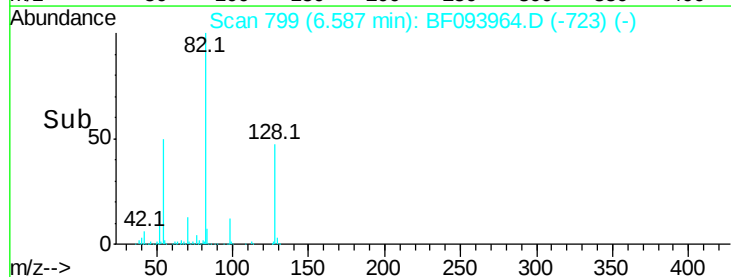
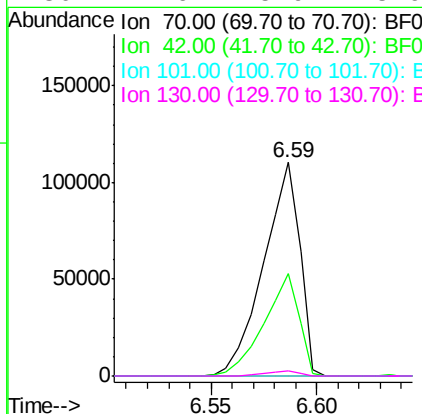
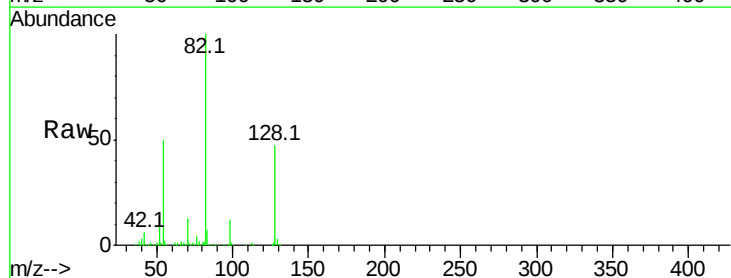
Ion Ratio Lower Upper

70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

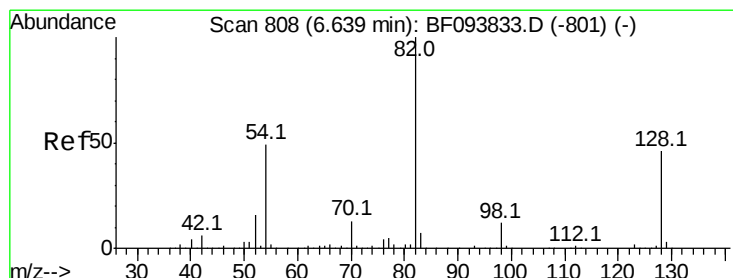
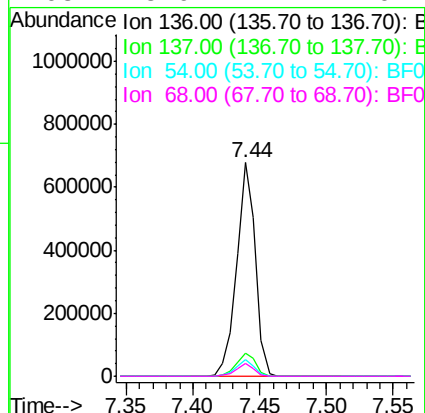
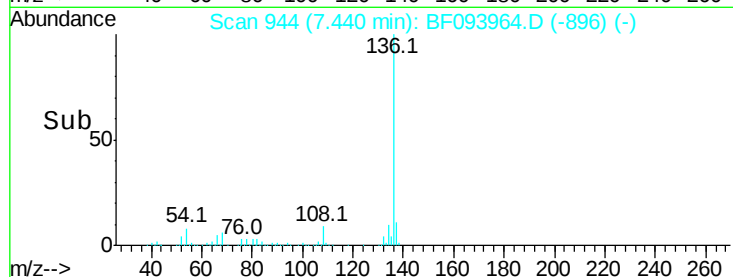
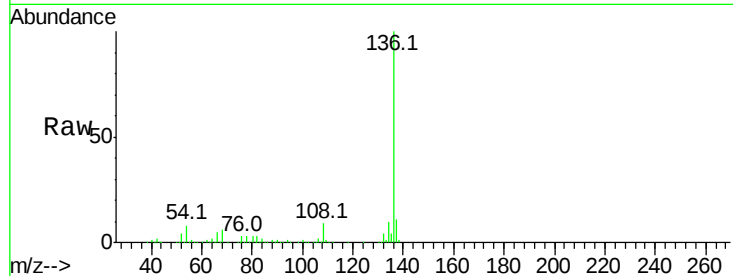




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093964.D
Acq: 28 Mar 2017 1:31

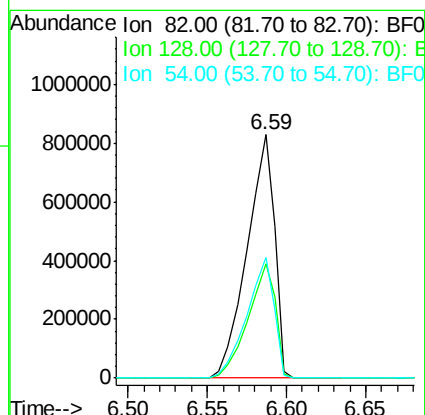
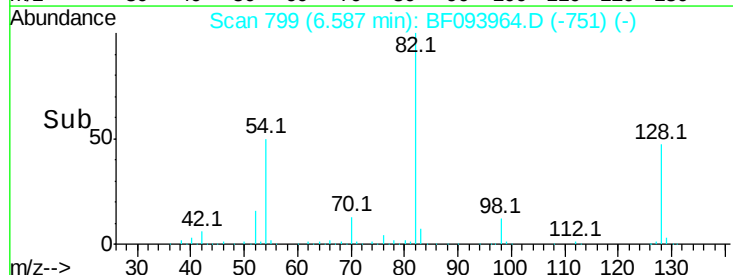
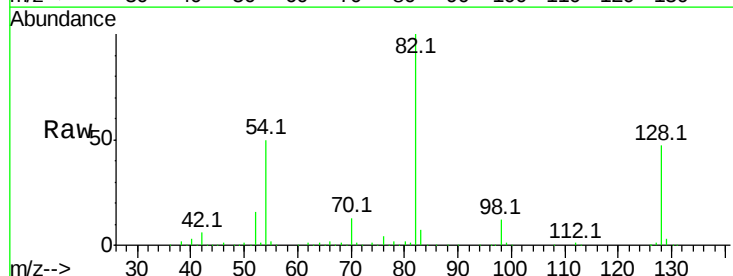
Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion:136	Resp: 666832
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.9	4.9 7.3#
68 5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.92 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093964.D
Acq: 28 Mar 2017 1:31

Tgt Ion: 82	Resp: 992248
Ion Ratio	Lower Upper
82 100	
128 46.7	34.0 51.0
54 49.5	42.2 63.2

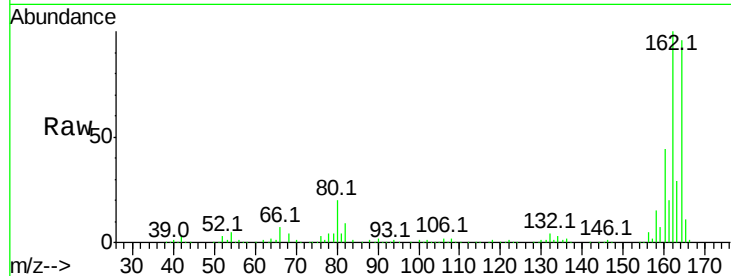




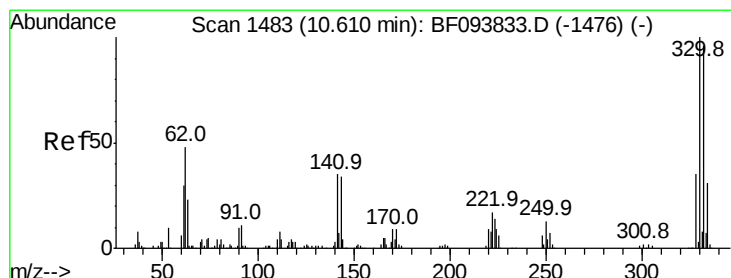
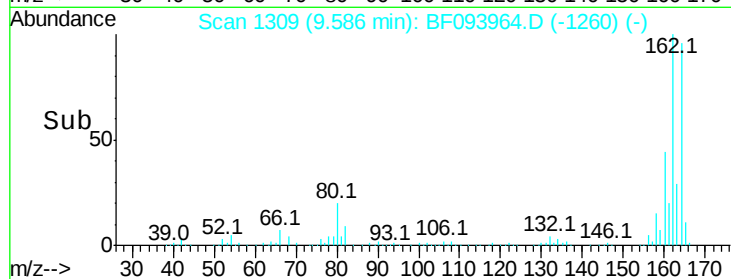
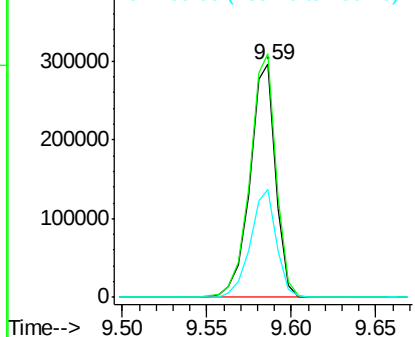
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion:164 Resp: 313682
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.2 36.2 54.2

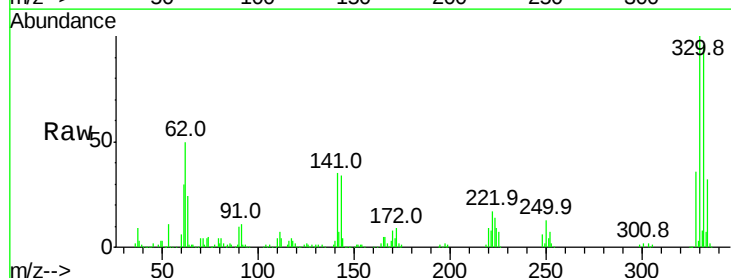


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

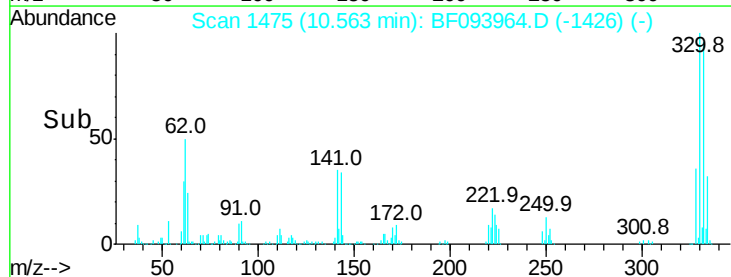
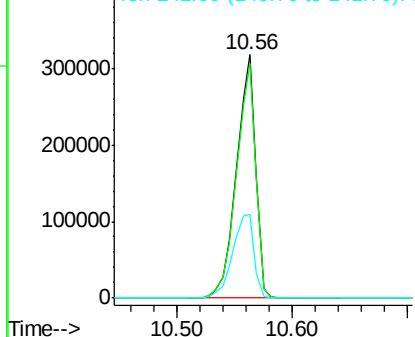


#41
 2,4,6-Tribromophenol
 Concen: 147.30 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Tgt Ion:330 Resp: 365126
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.7 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



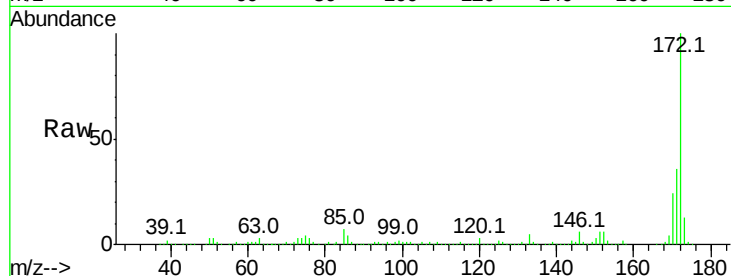


#44
 2-Fluorobiphenyl
 Concen: 87.35 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

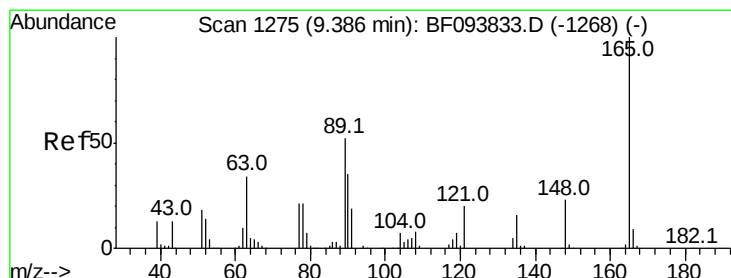
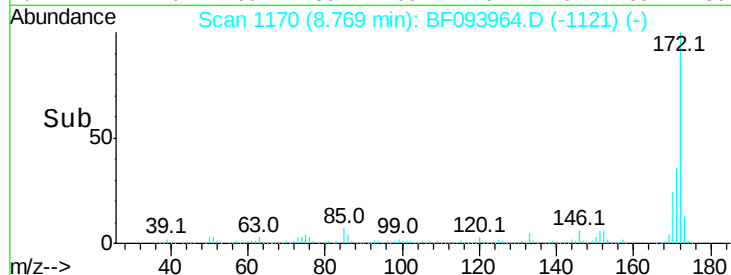
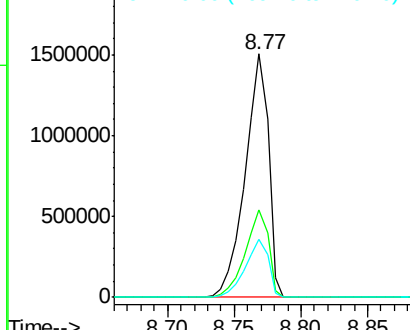
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion:172 Resp: 1796358

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8



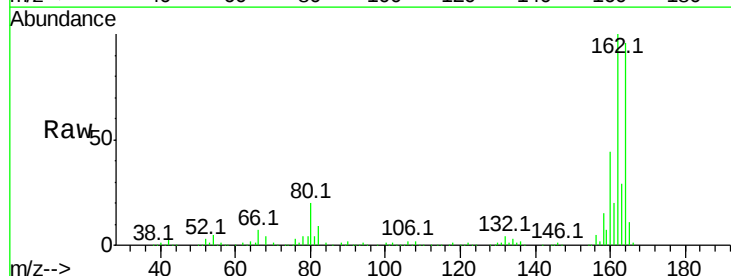
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



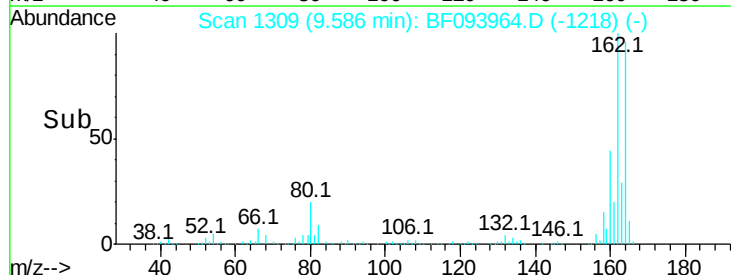
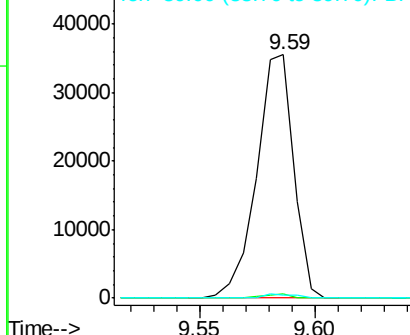
#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Tgt Ion:165 Resp: 39706

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.3	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

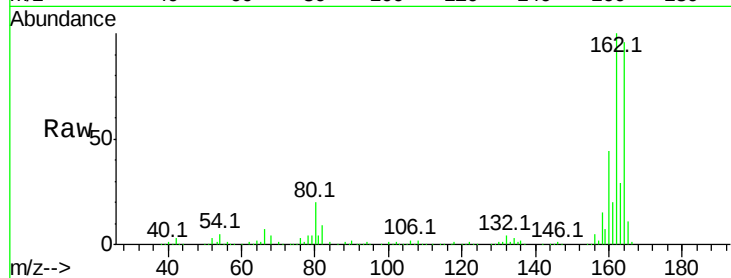




#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.26 min
Lab File: BF093964.D
Acq: 28 Mar 2017 1:31

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

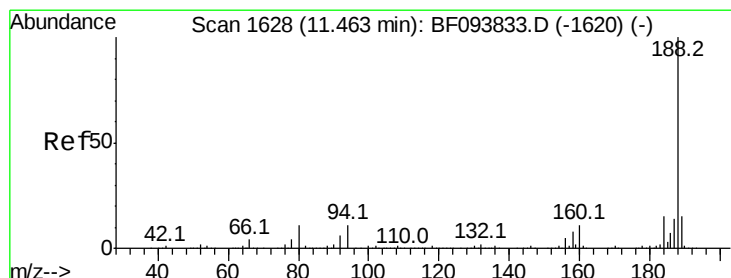
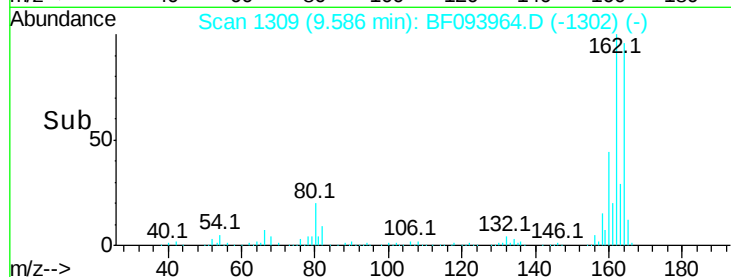
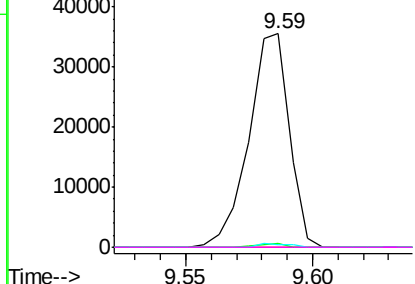


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

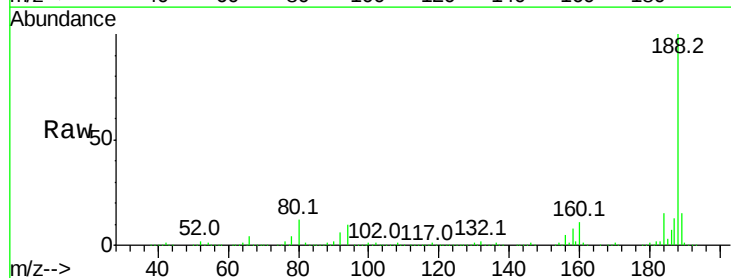
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093964.D
Acq: 28 Mar 2017 1:31

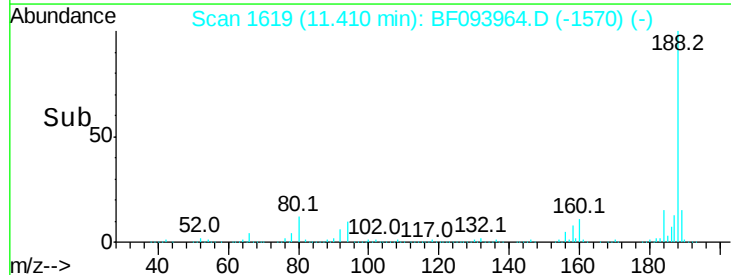
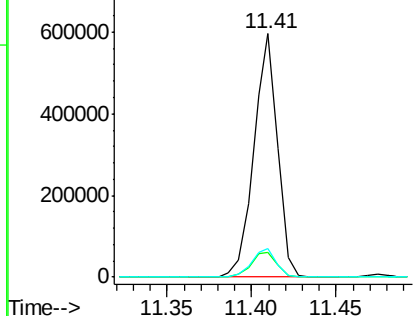
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.9	10.2	15.2

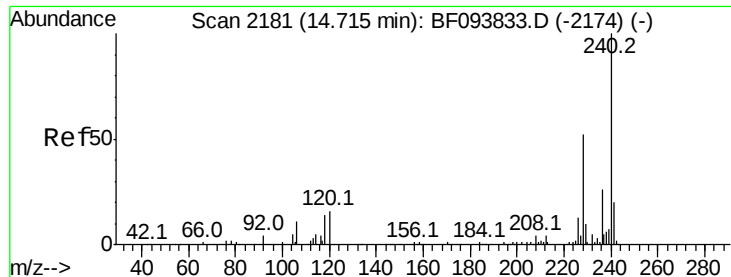


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

ClientSampleId :

W-1A

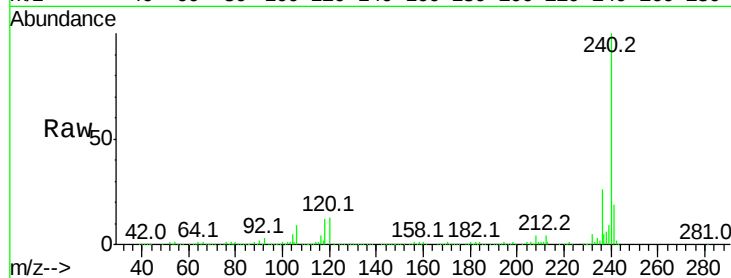
Tot Ion:240 Resp: 499298

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

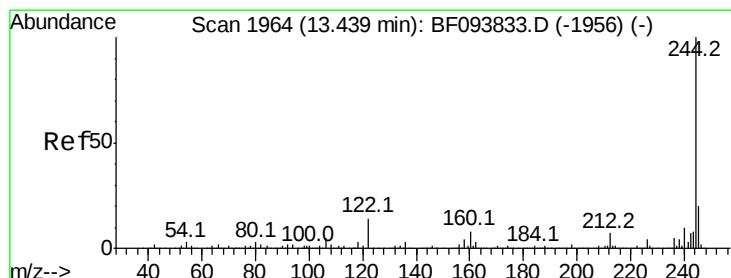
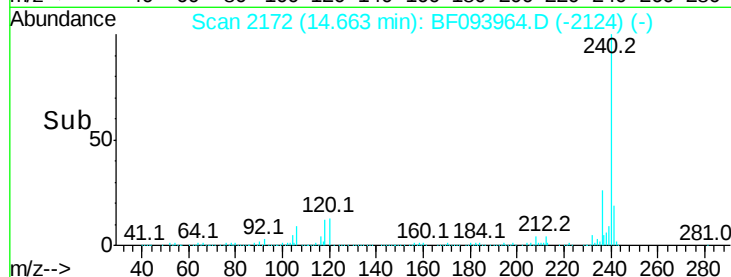
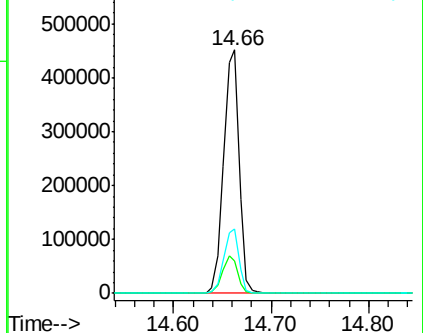
236 26.3 20.5 30.7



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: 74.05 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

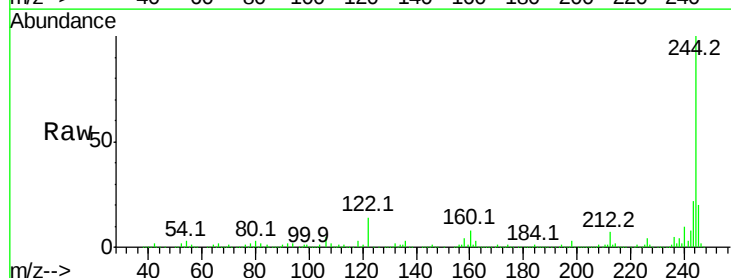
Tgt Ion:244 Resp: 1649511

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

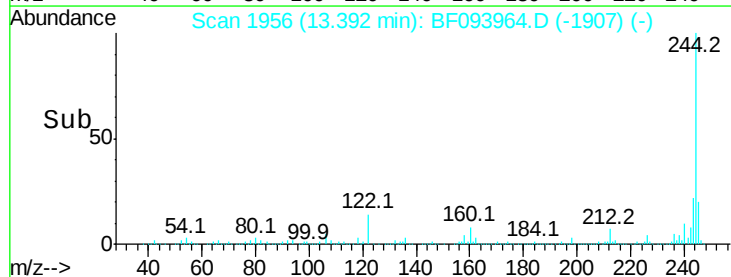
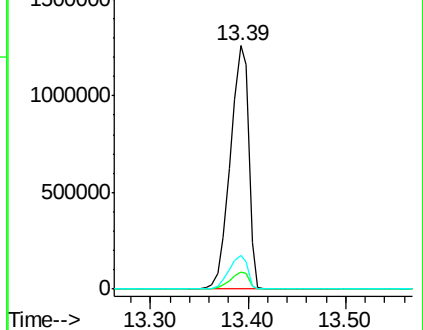
122 13.8 10.3 15.5

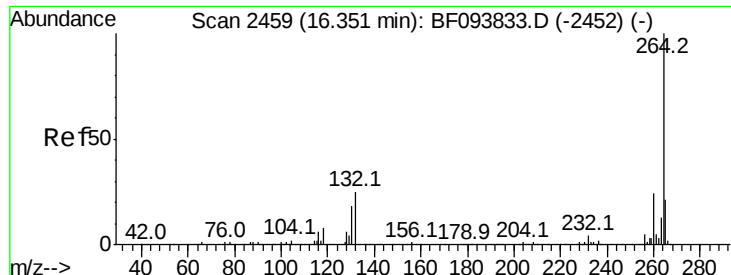


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



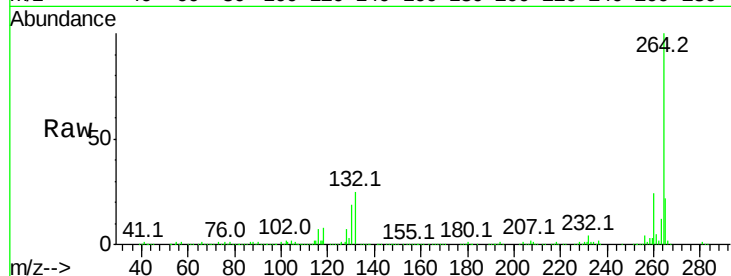


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093964.D
Acq: 28 Mar 2017 1:31

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion:264 Resp: 374974

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	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

