

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093881.D
 Acq On : 23 Mar 2017 16:17
 Operator : SJ/MA
 Sample : I2362-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Quant Time: Mar 24 01:04:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

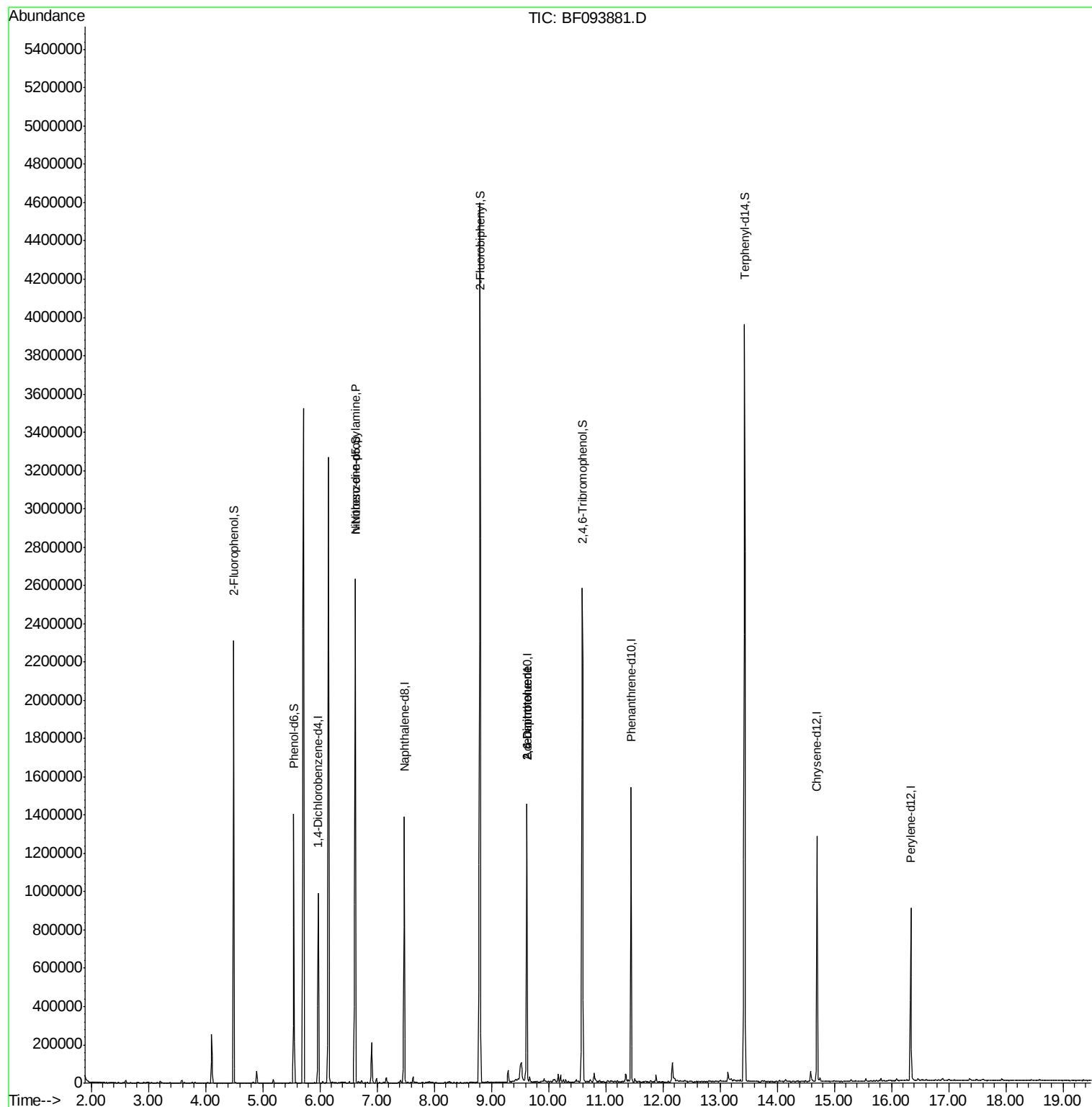
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	175142	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	691259	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	320422	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	577918	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	495181	20.00	ng	-0.02
86) Perylene-d12	16.34	264	373774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	639190	61.64	ng	-0.01
7) Phenol-d6	5.55	99	487417	38.00	ng	-0.02
23) Nitrobenzene-d5	6.62	82	1081126	89.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	379720	149.97	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1886949	89.82	ng	-0.02
78) Terphenyl-d14	13.43	244	1639687	74.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.62	70	142210	17.25	ng	# 77
50) 2,6-Dinitrotoluene	9.62	165	40965	7.85	ng	# 34
56) 2,4-Dinitrotoluene	9.62	165	40966	6.25	ng	# 34

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

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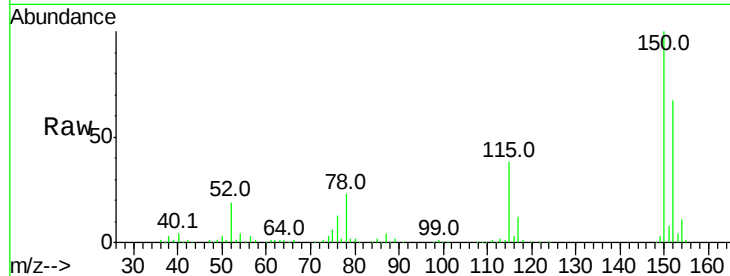


#1

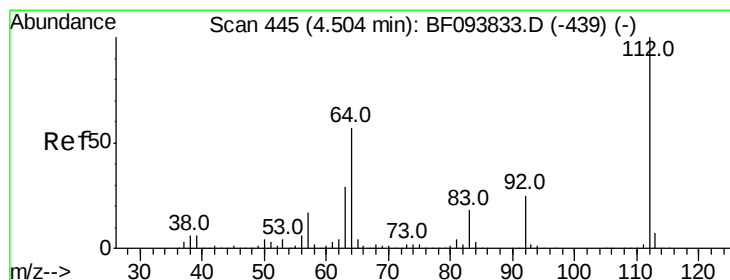
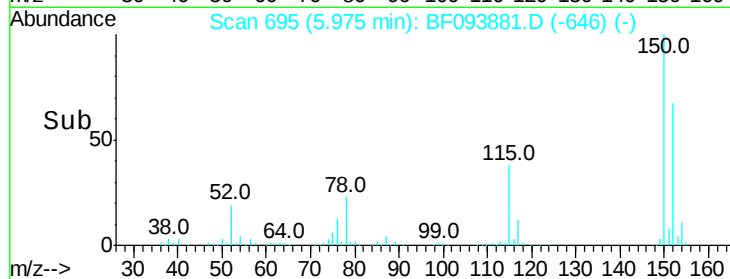
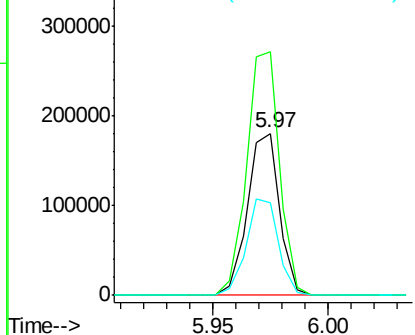
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tot Ion:152 Resp: 175142
 Ion Ratio Lower Upper
 152 100
 150 150.0 126.2 189.2
 115 56.9 52.2 78.2



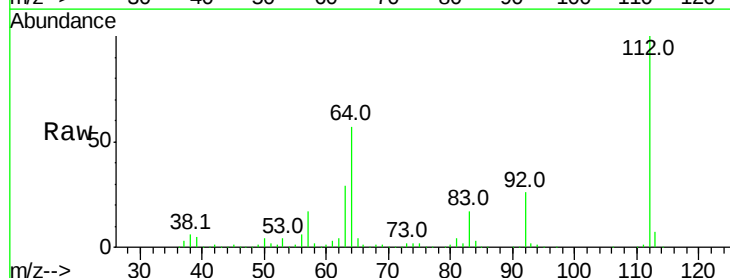
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



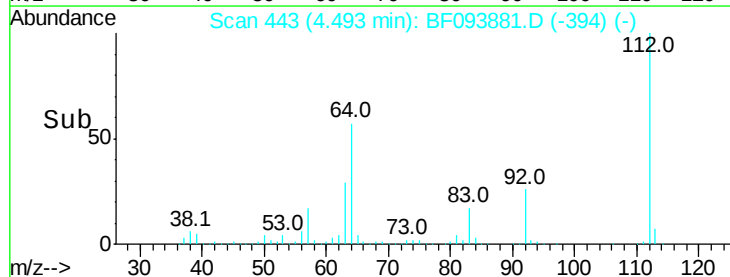
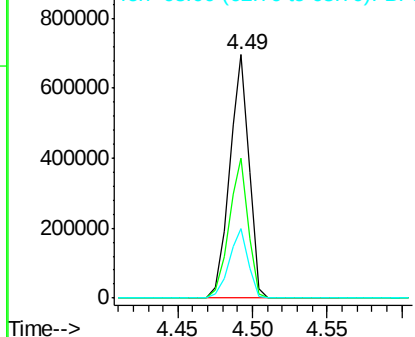
#5

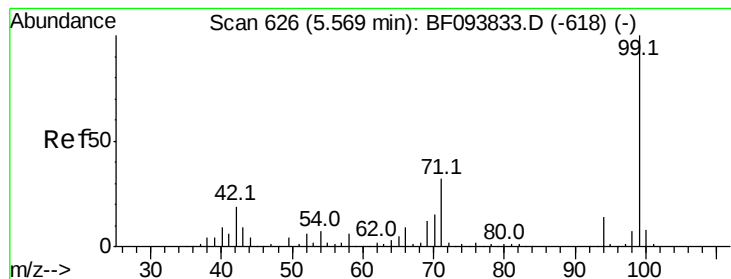
2-Fluorophenol
 Concen: 61.64 ng
 RT: 4.49 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:112 Resp: 639190
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.0 69.0
 63 28.7 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: 38.00 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0666

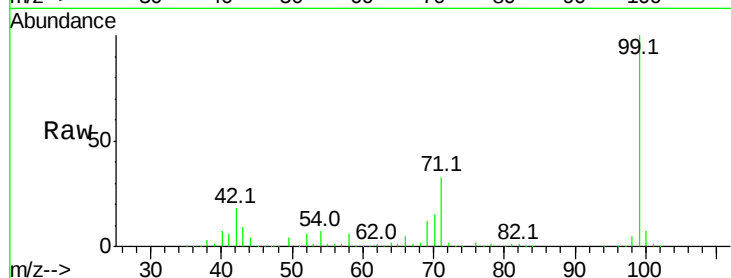
Tot Ion: 99 Resp: 487417

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

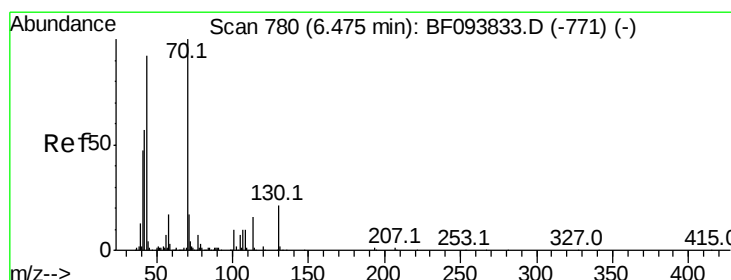
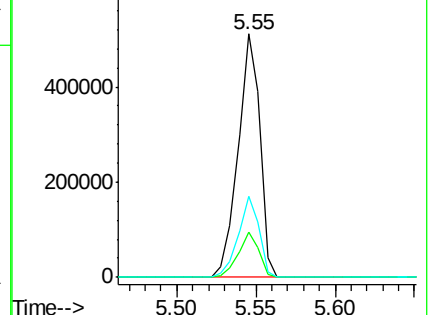
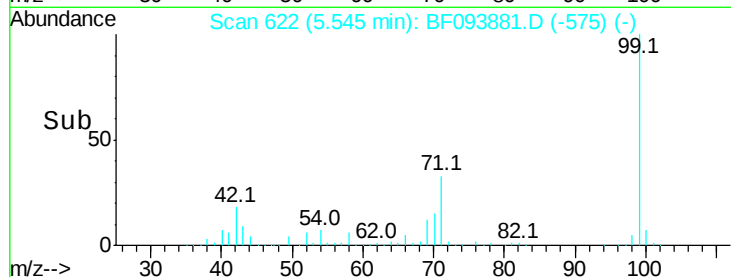
71 33.4 24.5 36.7



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: 17.25 ng

RT: 6.62 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Tgt Ion: 70 Resp: 142210

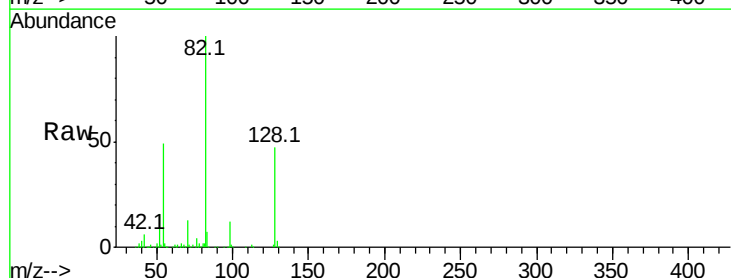
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

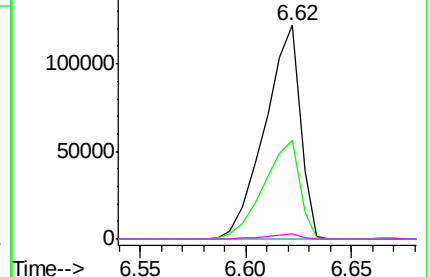
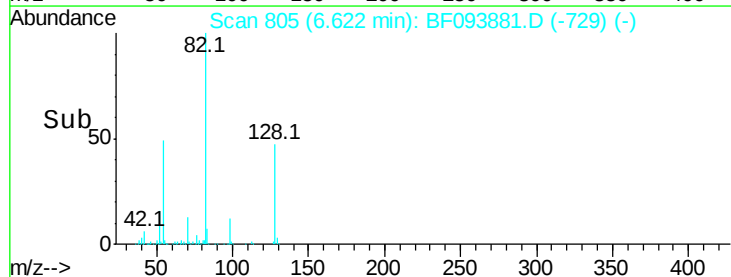


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.47 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0666

Tot Ion:136 Resp: 691259

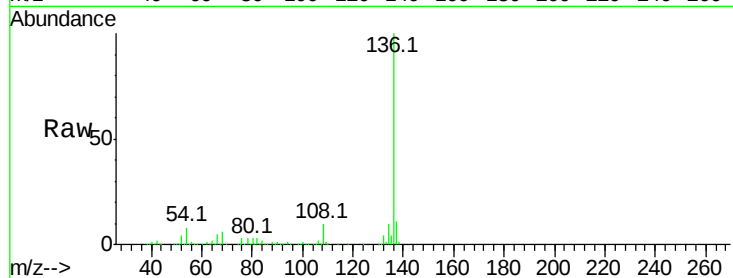
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.3 4.9 7.3#

68 6.5 4.1 6.1#

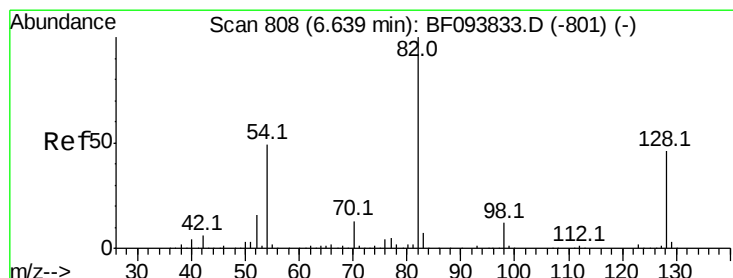
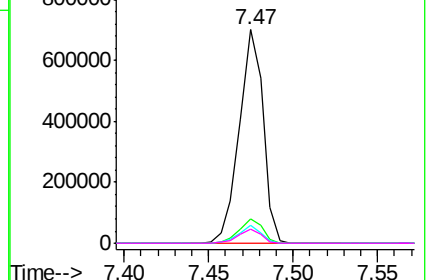
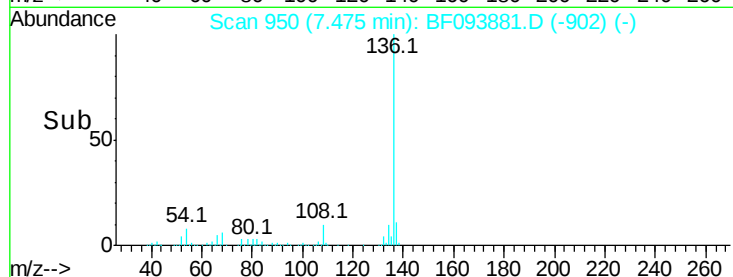


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.26 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

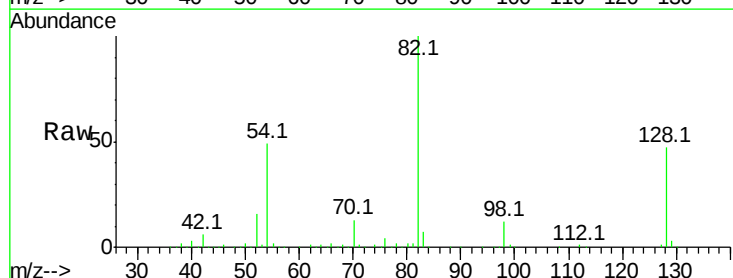
Tgt Ion: 82 Resp: 1081126

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

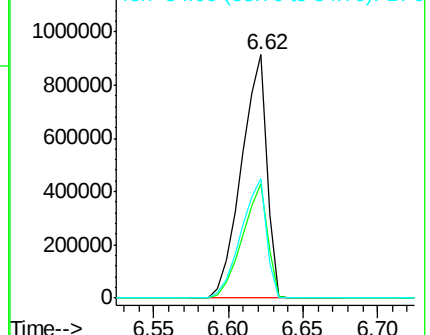
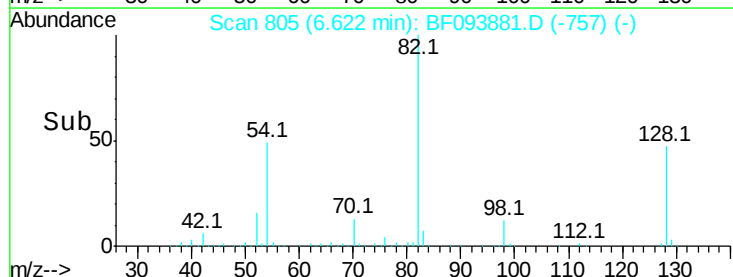
54 49.3 42.2 63.2

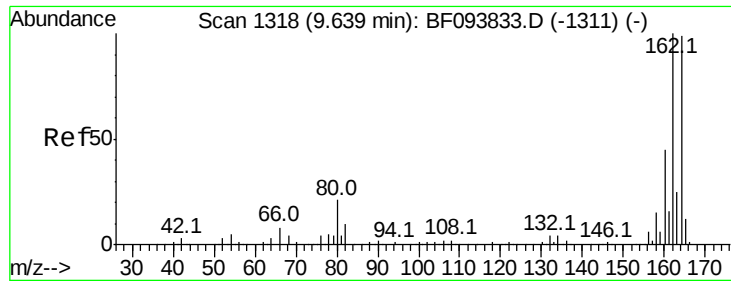


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

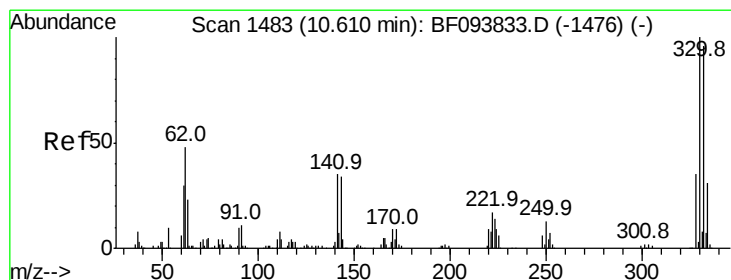
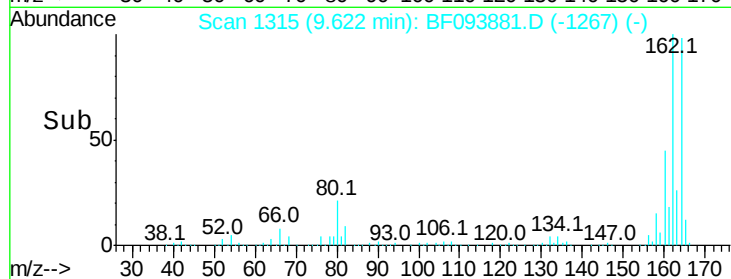
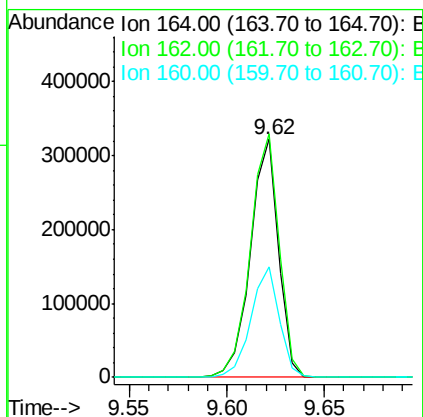
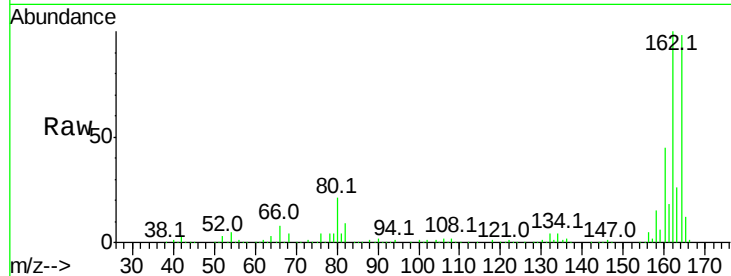




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

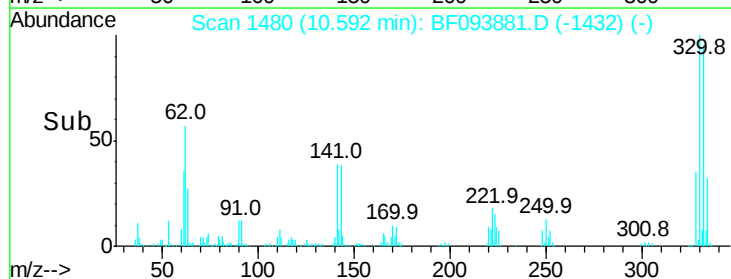
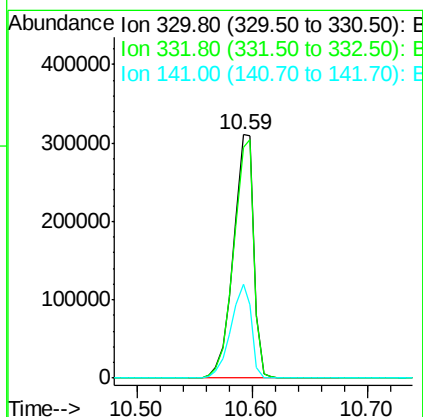
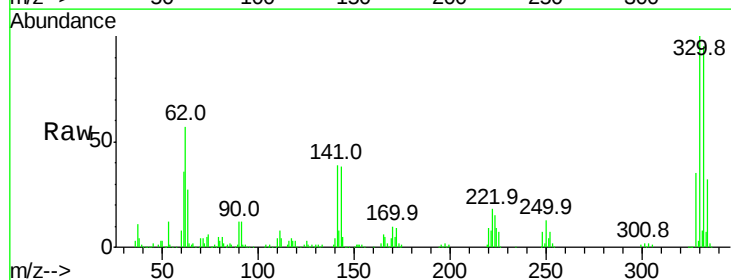
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tot Ion:164 Resp: 320422
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 46.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 149.97 ng
 RT: 10.59 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:330 Resp: 379720
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.8 31.4 47.2



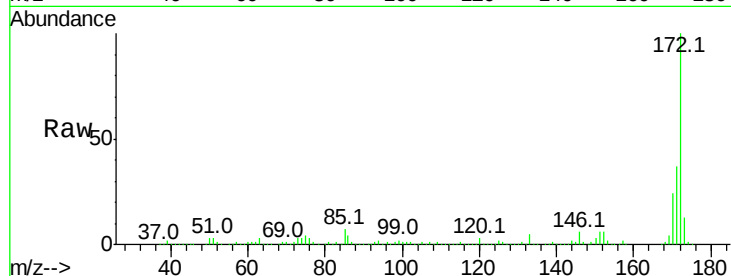


#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

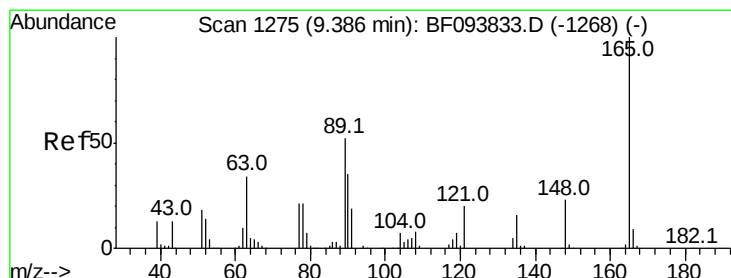
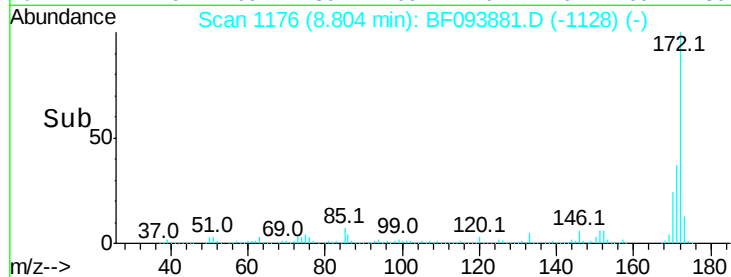
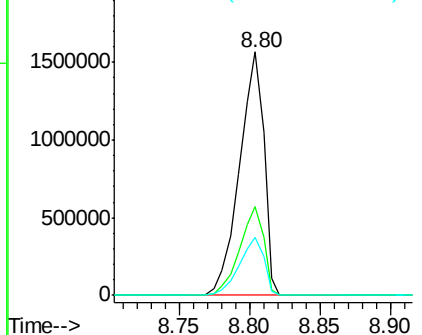
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

Tot Ion:172 Resp: 1886949

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.0	19.8	29.8



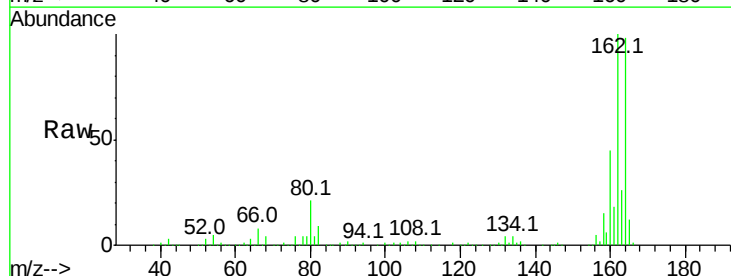
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



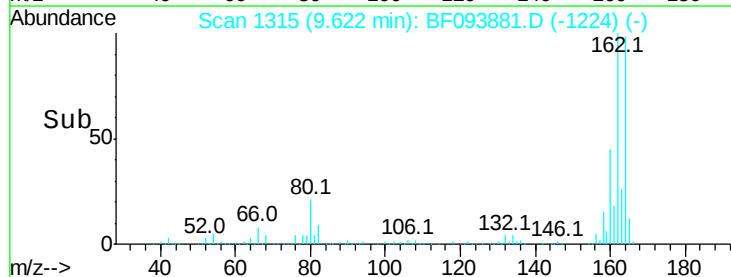
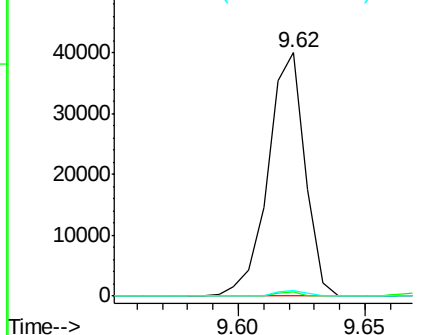
#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. 0.24 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion:165 Resp: 40965

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.1	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

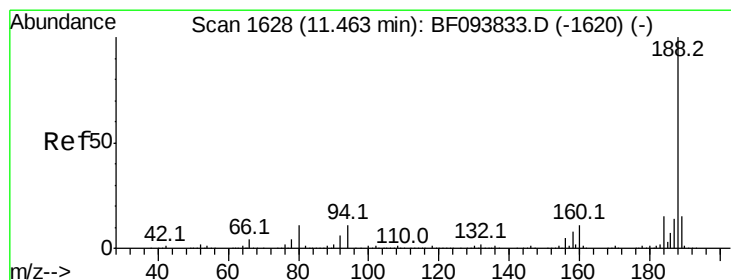
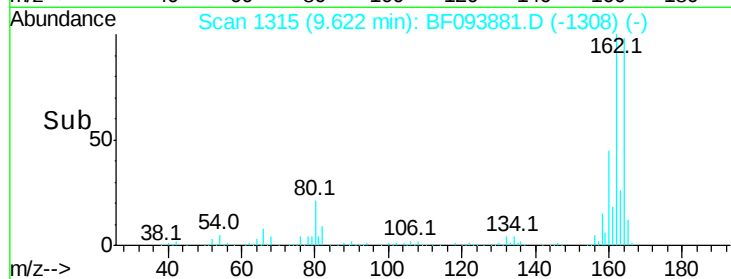
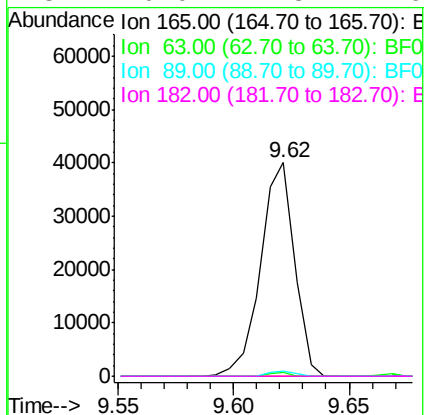
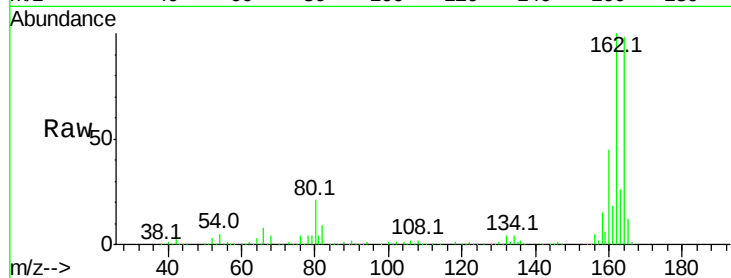




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.26 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

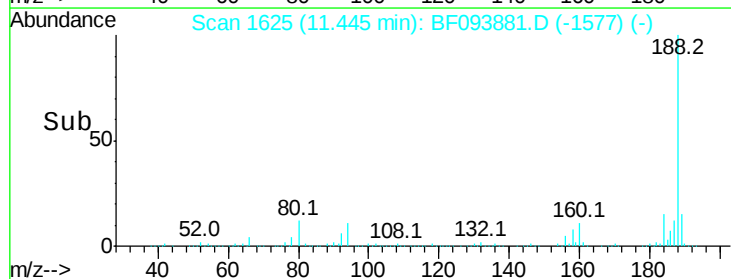
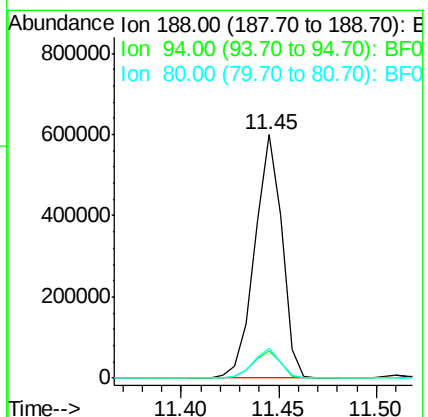
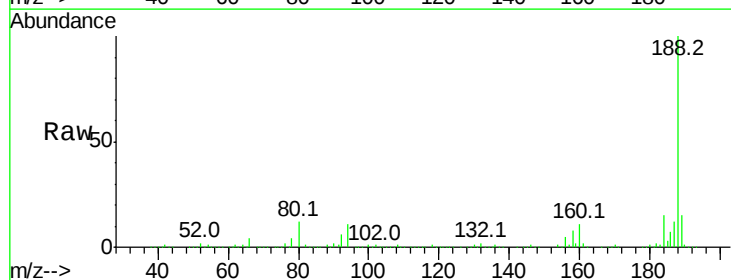
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666

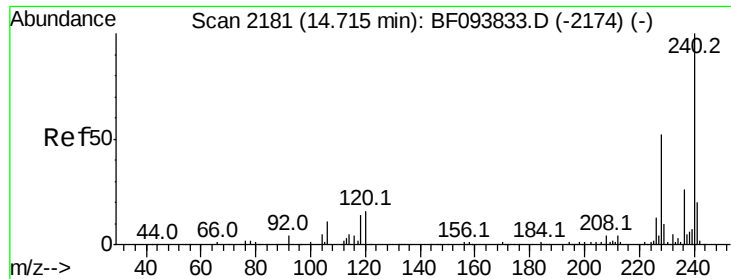
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF093881.D
 Acq: 23 Mar 2017 16:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0666

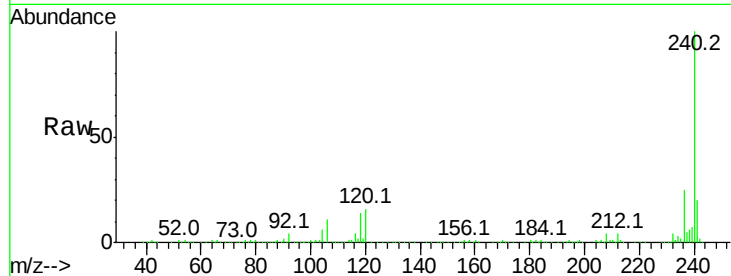
Tot Ion:240 Resp: 495181

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

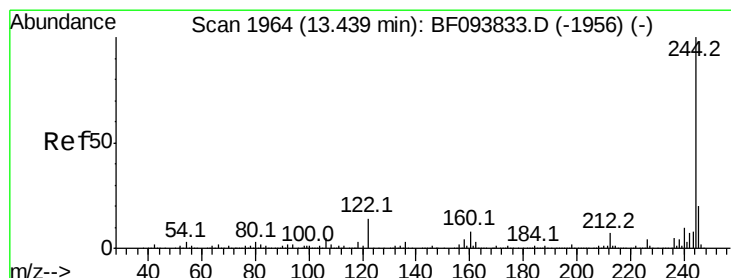
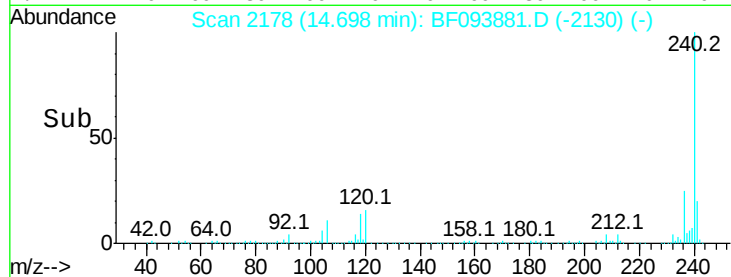
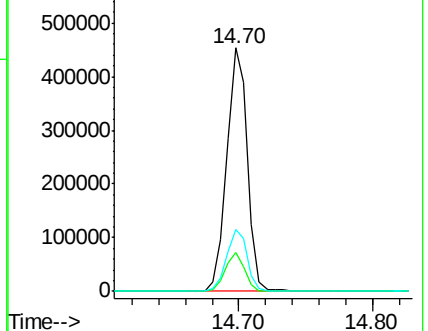
236 25.3 20.5 30.7



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: 74.22 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

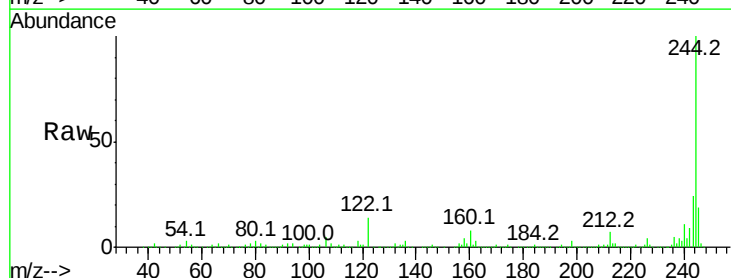
Tgt Ion:244 Resp: 1639687

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

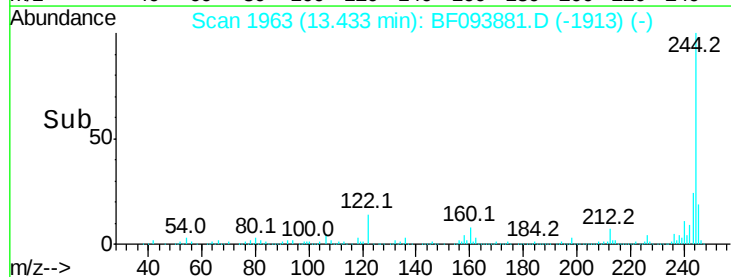
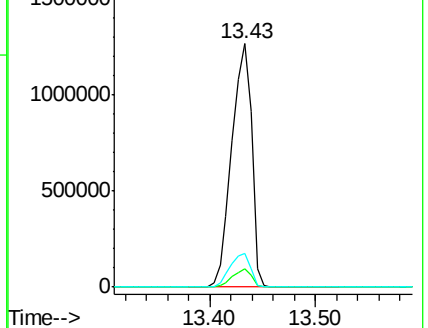
122 13.9 10.3 15.5

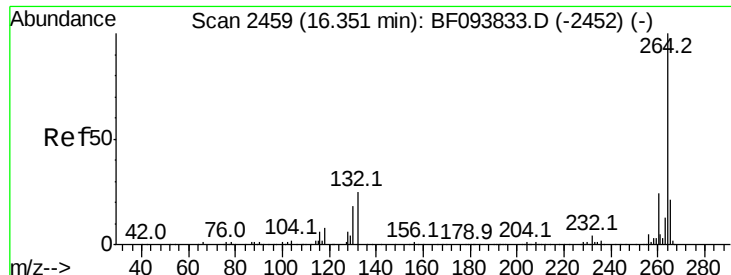


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF093881.D

Acq: 23 Mar 2017 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0666

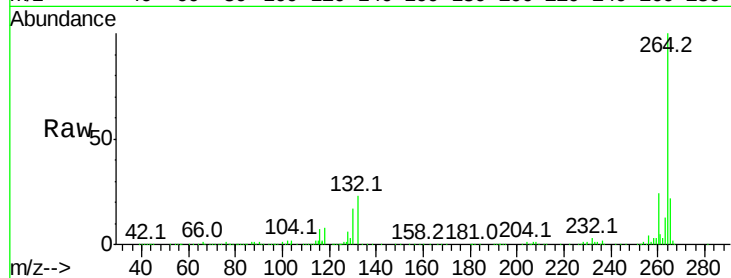
Tot Ion:264 Resp: 373774

Ion Ratio Lower Upper

264 100

260 23.9 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

