

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093995.D
 Acq On : 28 Mar 2017 16:27
 Operator : SJ/MA
 Sample : I2362-07RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:35:20 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

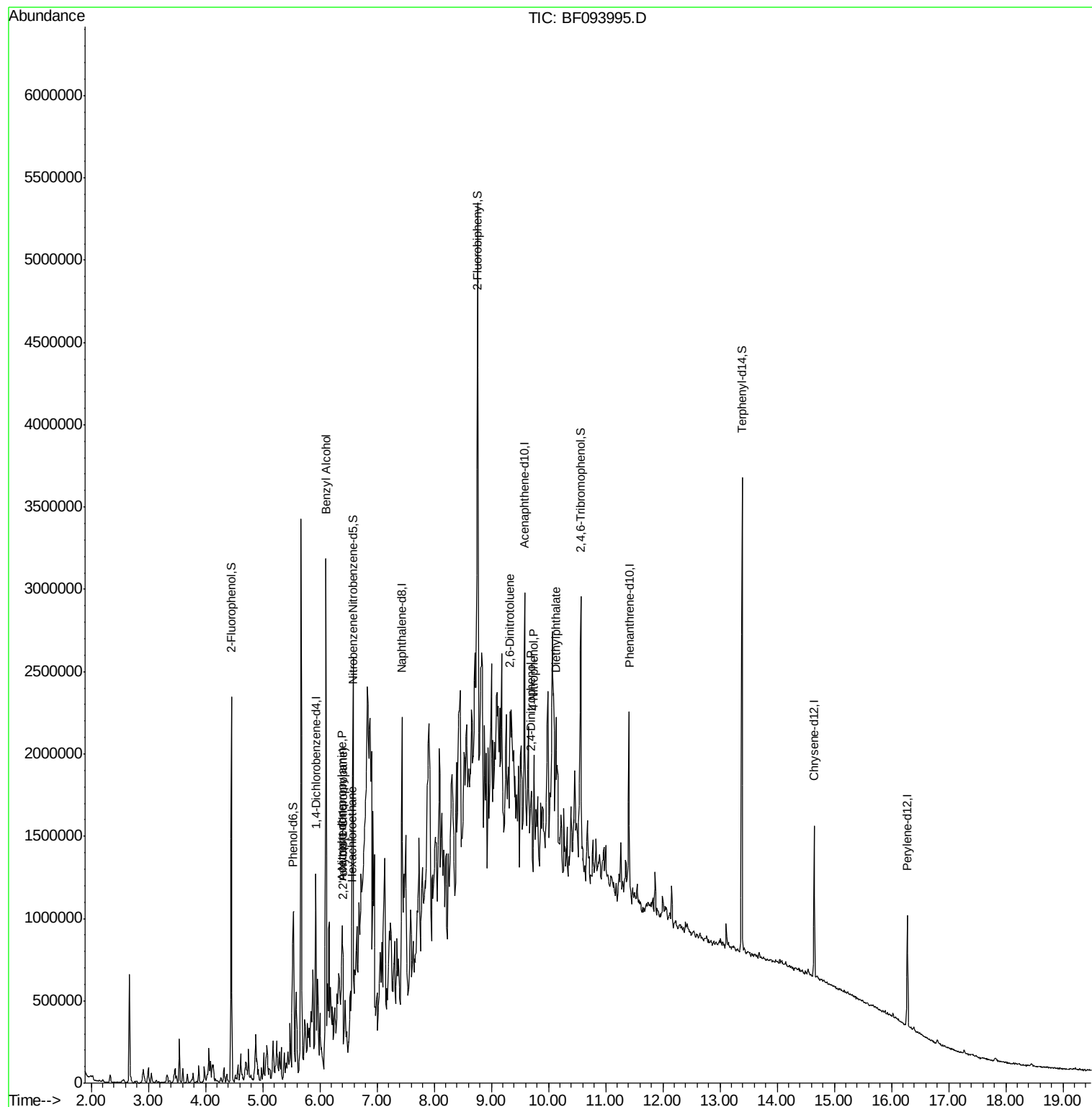
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	169231	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	665805	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	331406	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	493964	20.00	ng	-0.01
75) Chrysene-d12	14.65	240	351502	20.00	ng	-0.03
86) Perylene-d12	16.28	264	286424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	688258	68.69	ng	-0.02
7) Phenol-d6	5.54	99	645943	52.11	ng	-0.01
23) Nitrobenzene-d5	6.58	82	1018501	87.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	336551	128.51	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	1628591	74.95	ng	-0.02
78) Terphenyl-d14	13.39	244	1257772	80.21	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.10	79	18636	2.05	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.40	45	38827	2.29	ng	97
18) Hexachloroethane	6.55	117	29472	6.70	ng	# 23
19) n-Nitroso-di-n-propylamine	6.39	70	47233	5.93	ng	# 82
22) Acetophenone	6.39	105	48490	3.27	ng	# 56
24) Nitrobenzene	6.57	77	30922	2.69	ng	# 65
50) 2,6-Dinitrotoluene	9.33	165	11832	2.19	ng	# 52
53) 2,4-Dinitrophenol	9.68	184	2819	5.58	ng	# 1
55) 4-Nitrophenol	9.75	139	20000	4.03	ng	# 1
59) Diethylphthalate	10.12	149	62993	2.71	ng	# 65

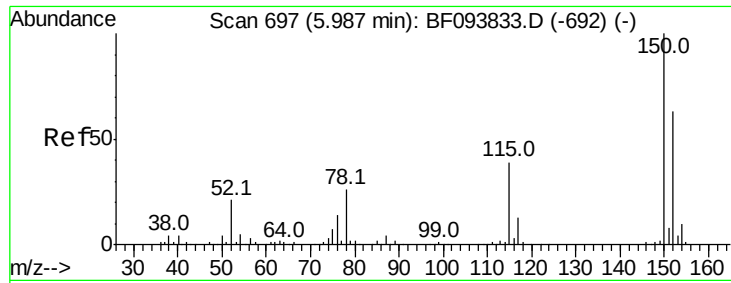
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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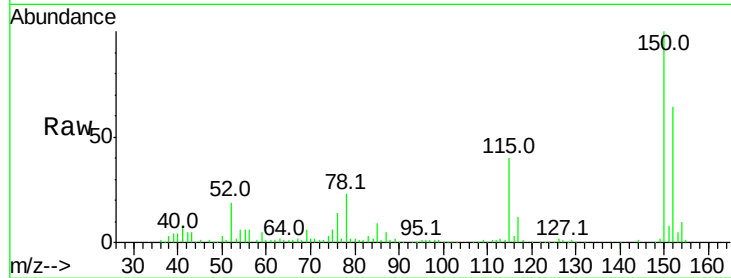


#1

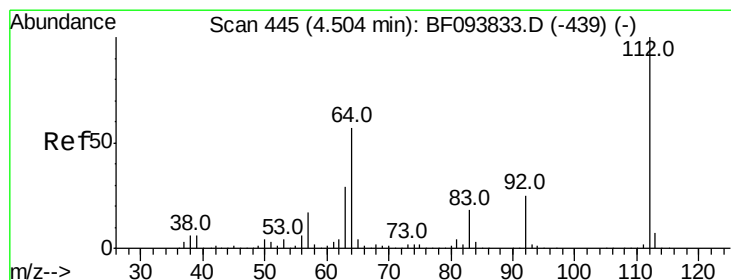
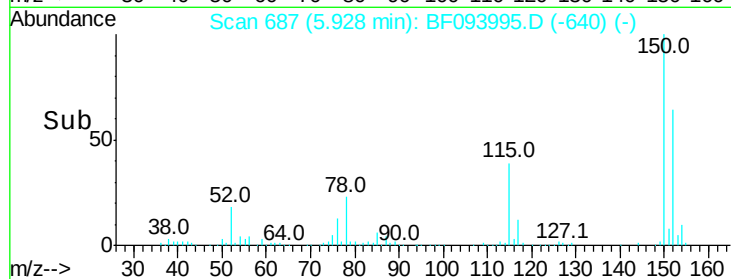
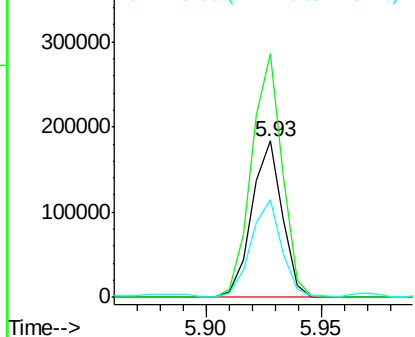
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	62.0	52.2	78.2



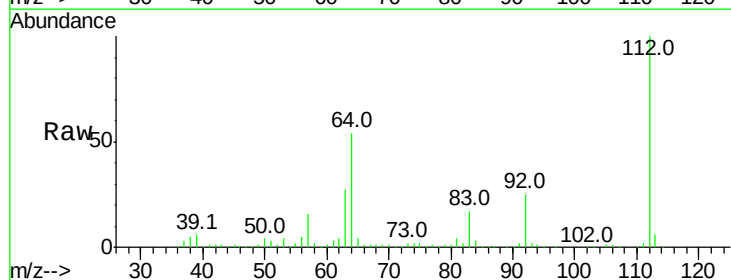
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



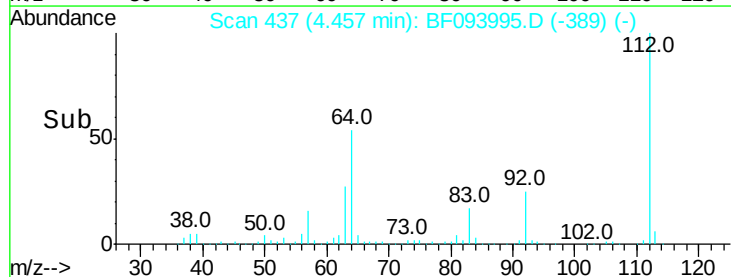
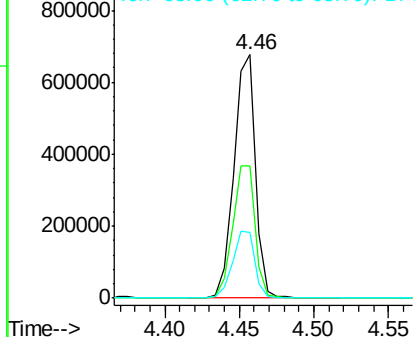
#5

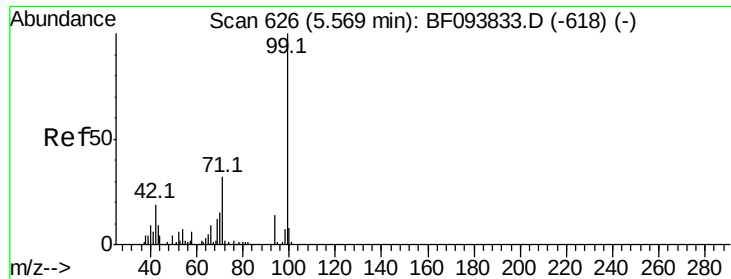
2-Fluorophenol
Concen: 68.69 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.1	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: 52.11 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

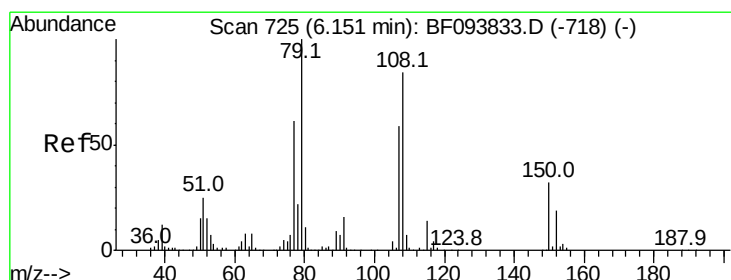
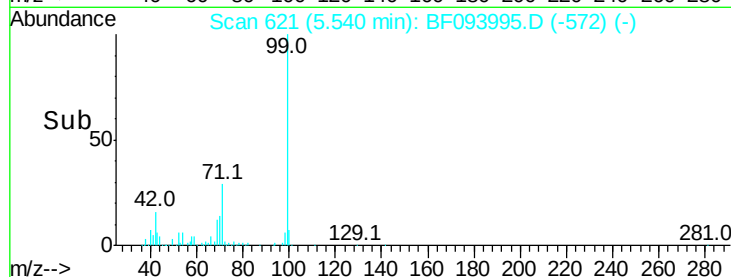
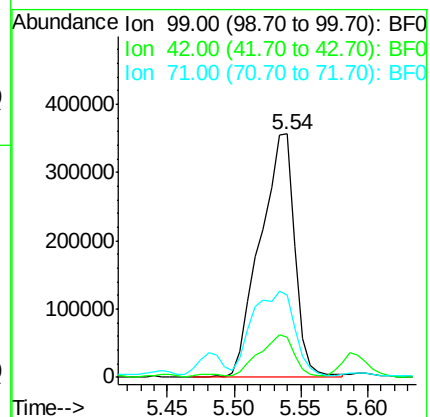
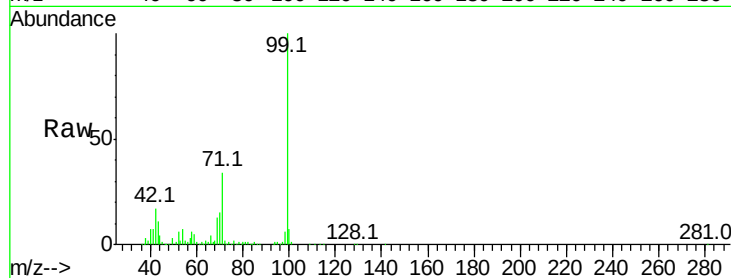
Tot Ion: 99 Resp: 645943

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 33.6 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

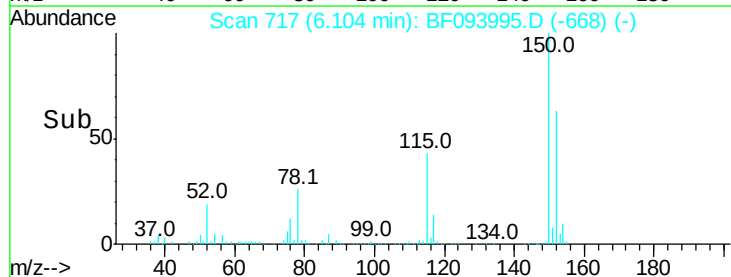
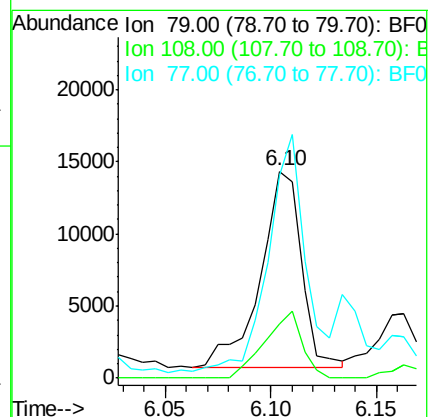
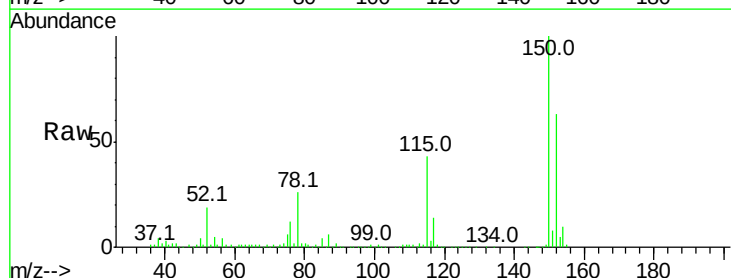
Tgt Ion: 79 Resp: 18636

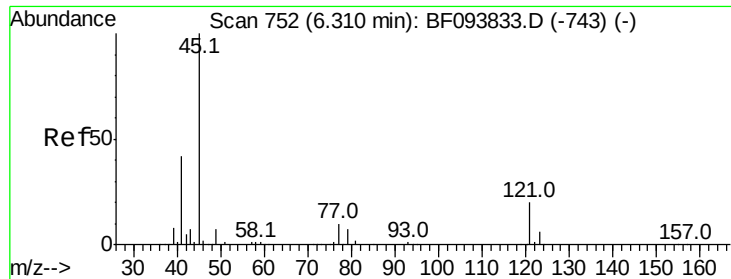
Ion Ratio Lower Upper

79 100

108 26.0 63.4 95.0#

77 98.0 49.2 73.8#

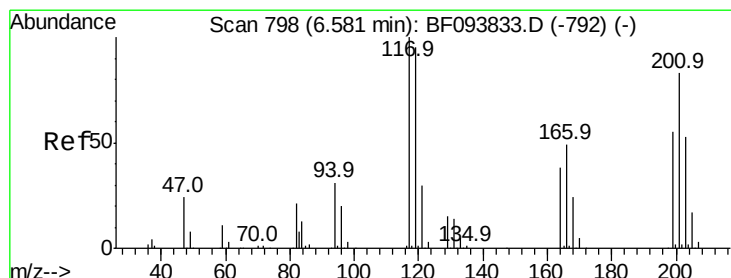
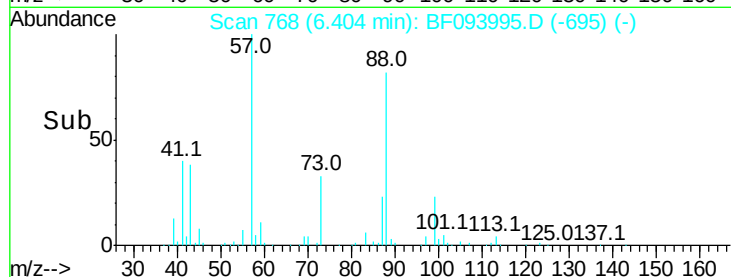
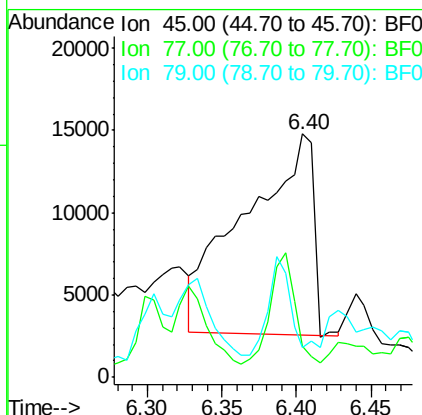
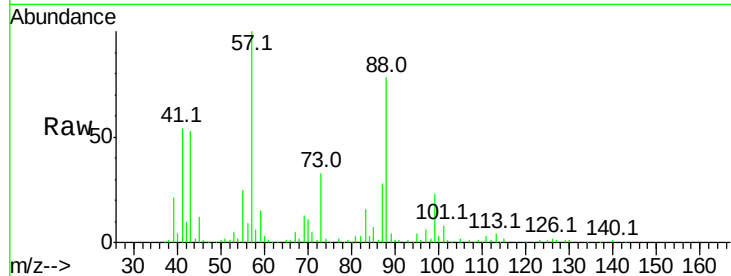




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 2.29 ng
RT: 6.40 min Scan# 768
Delta R.T. 0.13 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

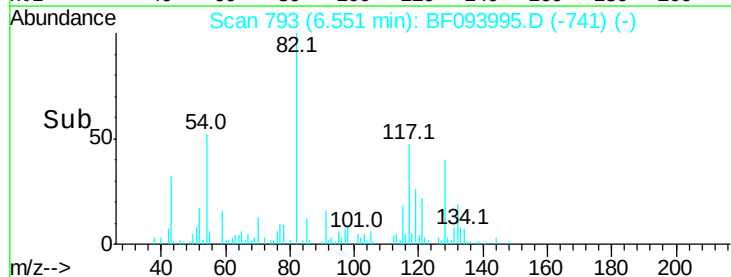
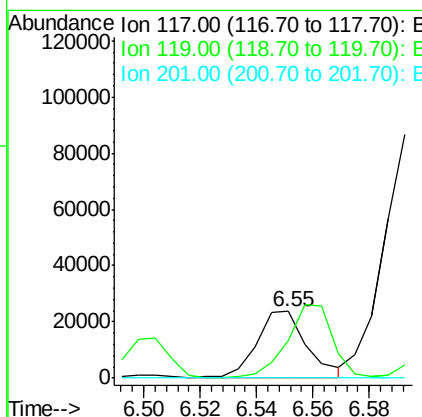
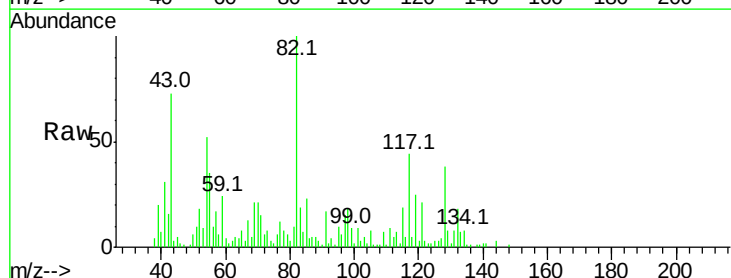
Instrument :
BNA_F
ClientSampleId :

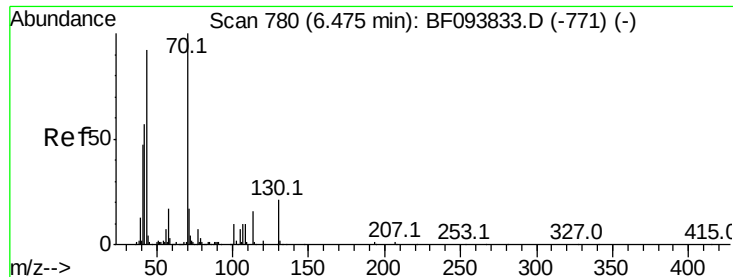
Tot Ion: 45 Resp: 38827
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.2
79 12.3 0.0 30.0



#18
Hexachloroethane
Concen: 6.70 ng
RT: 6.55 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion: 117 Resp: 29472
Ion Ratio Lower Upper
117 100
119 56.6 77.4 116.0#
201 0.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 5.93 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF093995.D

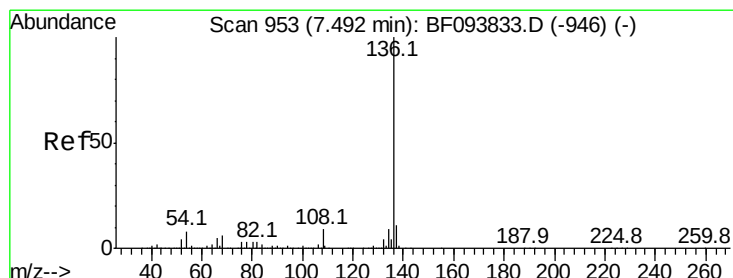
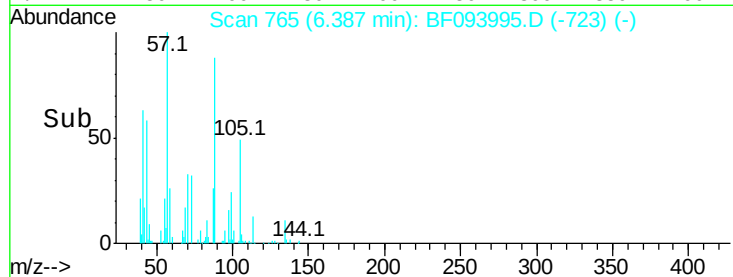
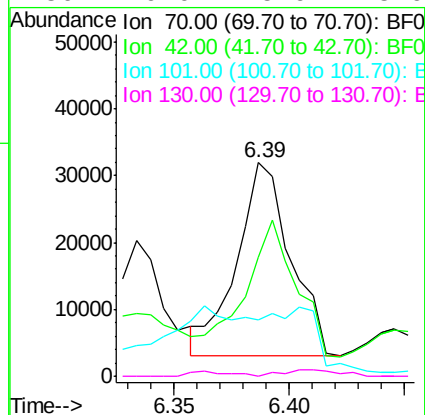
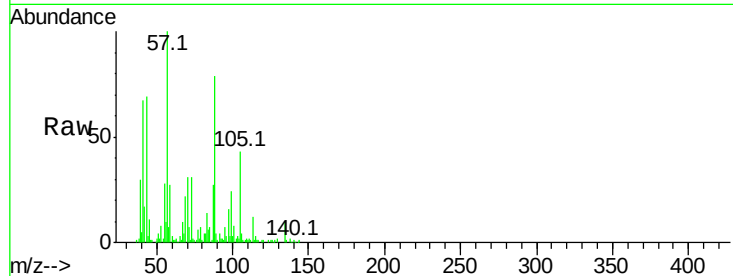
Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	47233
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	26.4	7.2	10.8#
130	0.0	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

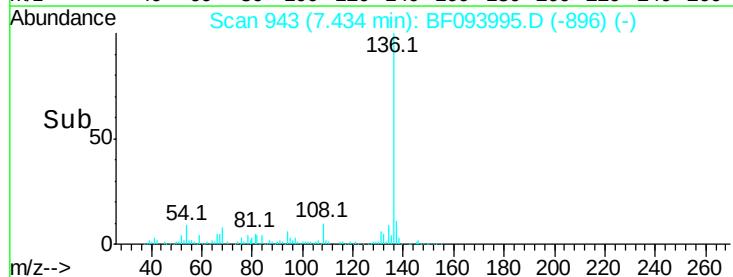
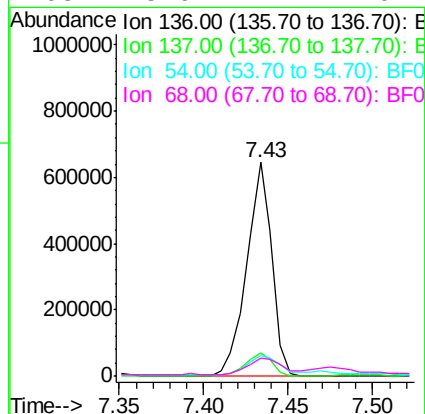
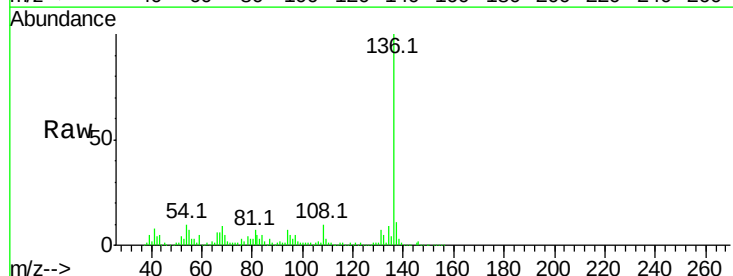
RT: 7.43 min Scan# 943

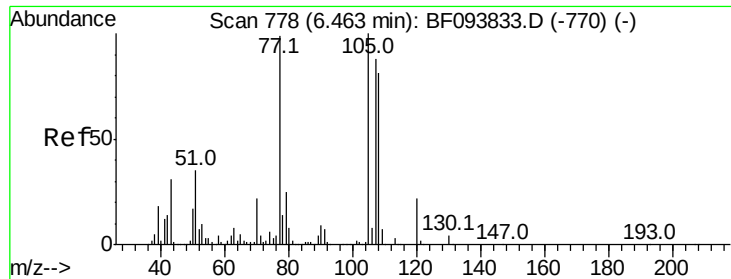
Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Tgt Ion:	136	Resp:	665805
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.8	4.9	7.3#
68	8.6	4.1	6.1#





#22

Acetophenone

Concen: 3.27 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.04 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 48490

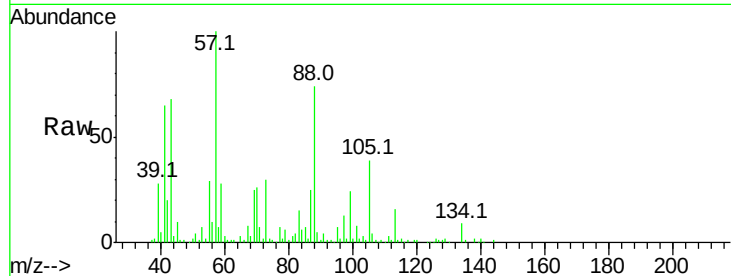
Ion Ratio Lower Upper

105 100

71 17.6 2.8 4.2#

51 10.6 30.7 46.1#

120 1.9 17.4 26.0#

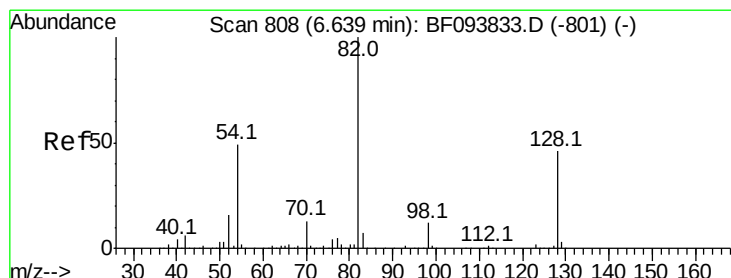
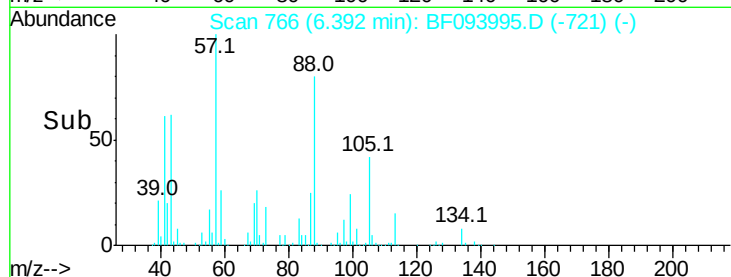
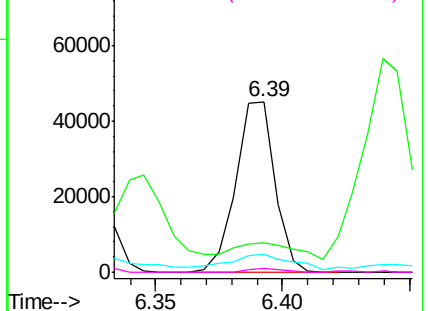


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 87.30 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

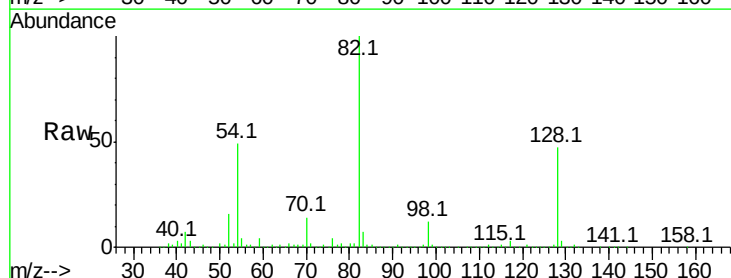
Tgt Ion: 82 Resp: 1018501

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

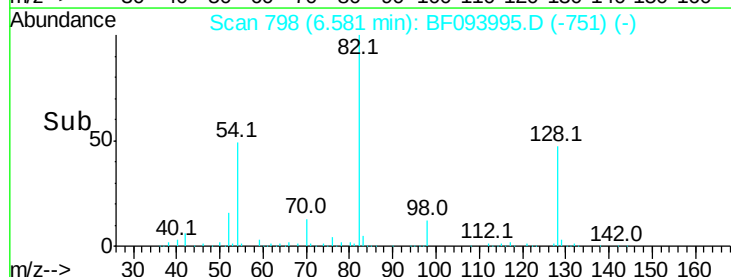
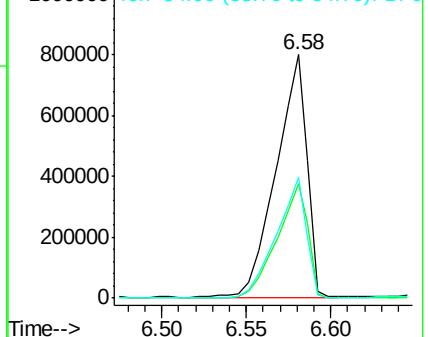
54 49.5 42.2 63.2

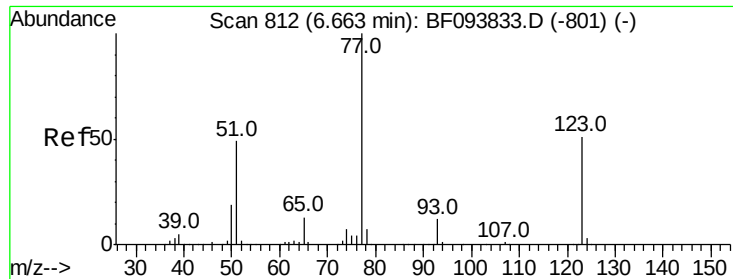


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

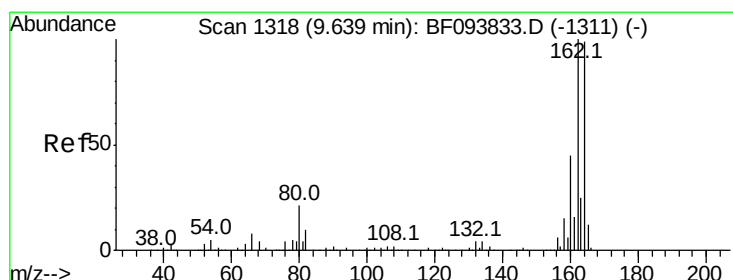
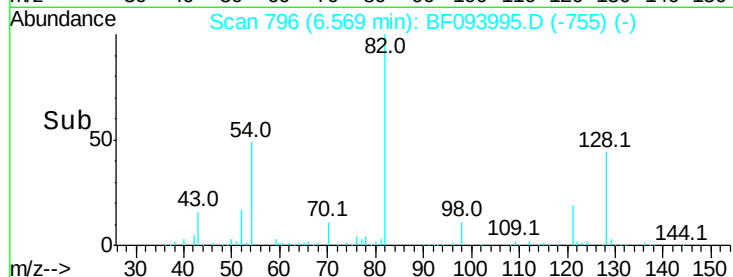
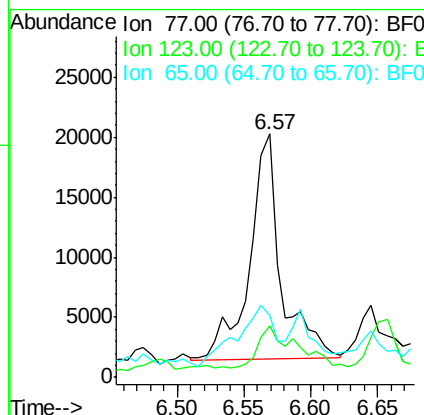
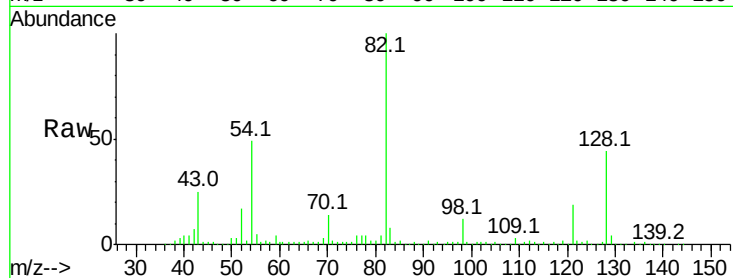




#24
Nitrobenzene
Concen: 2.69 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.06 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

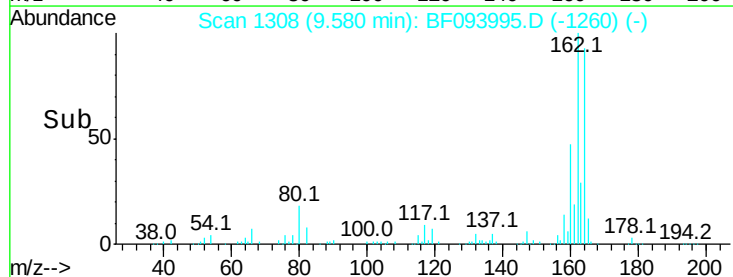
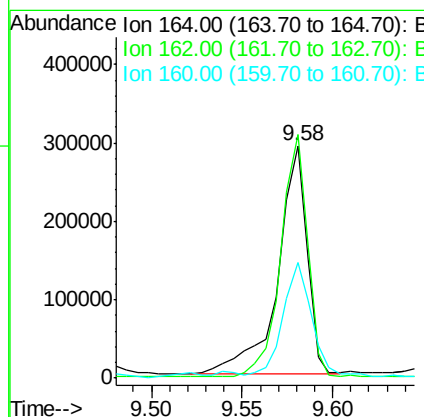
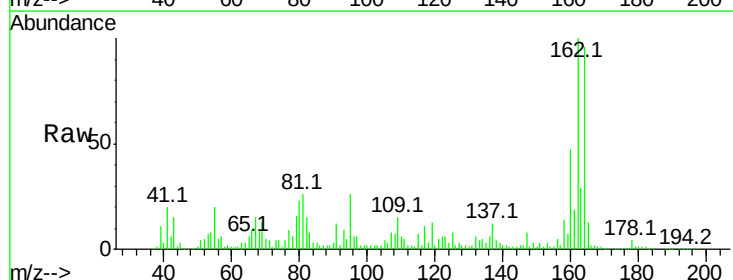
Instrument :
BNA_F
ClientSampleId :

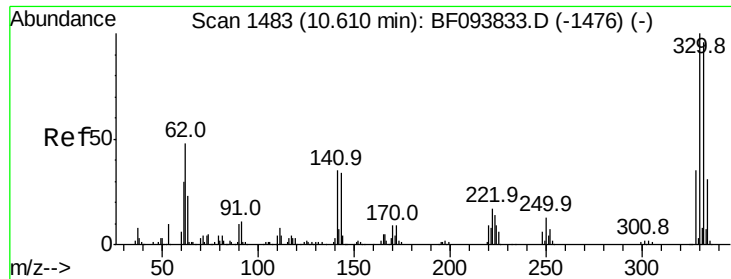
Tot Ion: 77 Resp: 30922
Ion Ratio Lower Upper
77 100
123 21.2 35.8 53.8#
65 25.3 10.6 15.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion:164 Resp: 331406
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 49.7 36.2 54.2

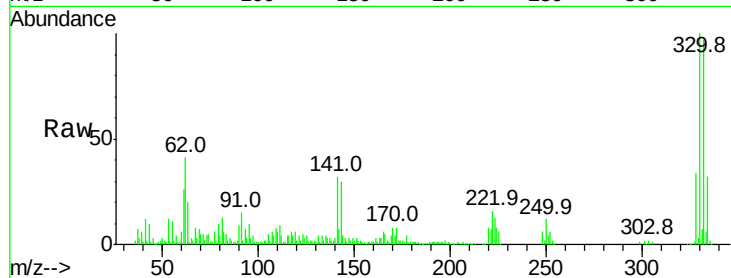




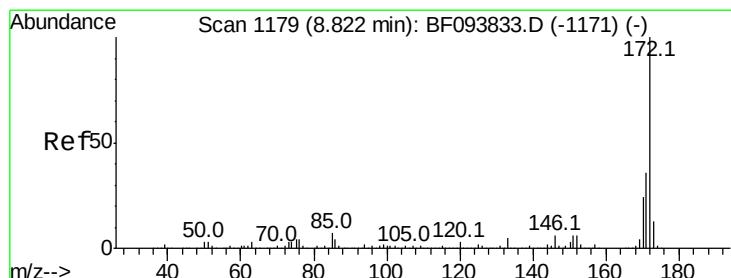
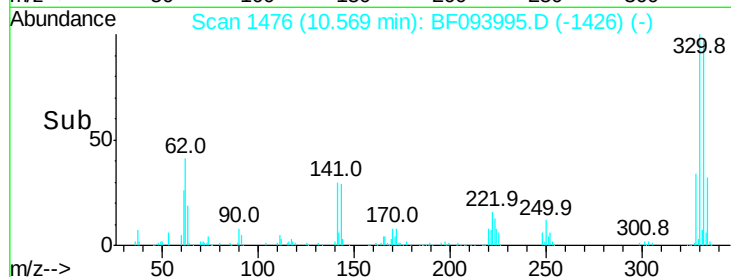
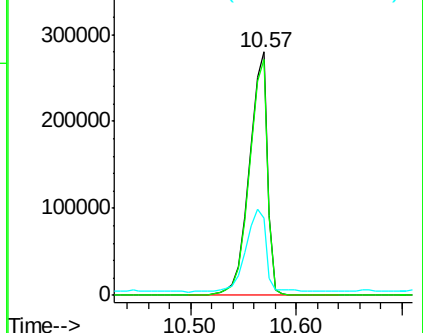
#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 336551
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 37.8 31.4 47.2

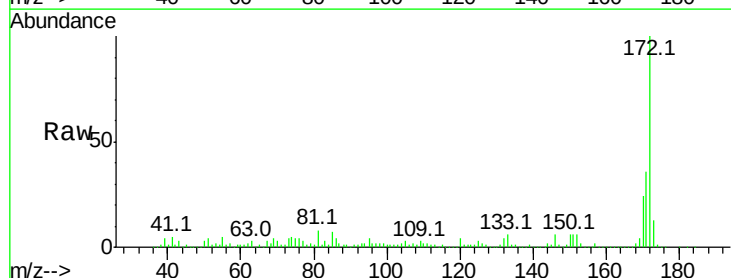


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

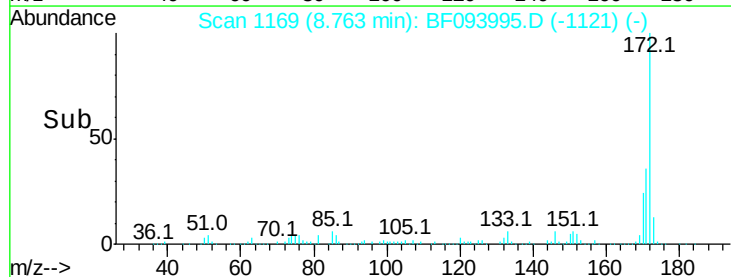
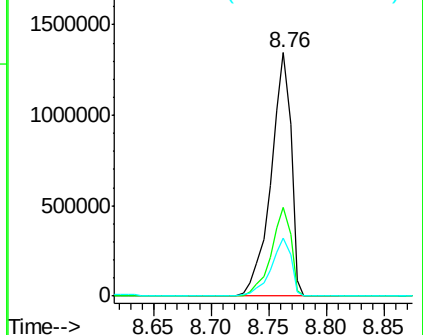


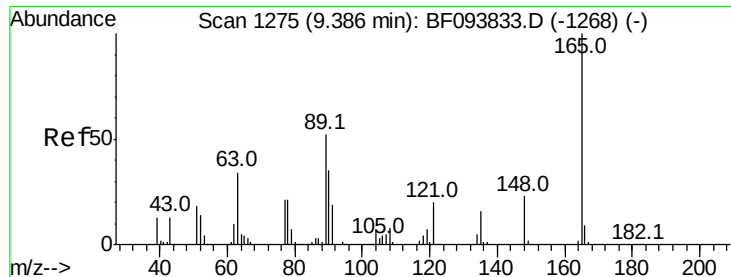
#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

Tgt Ion:172 Resp: 1628591
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 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

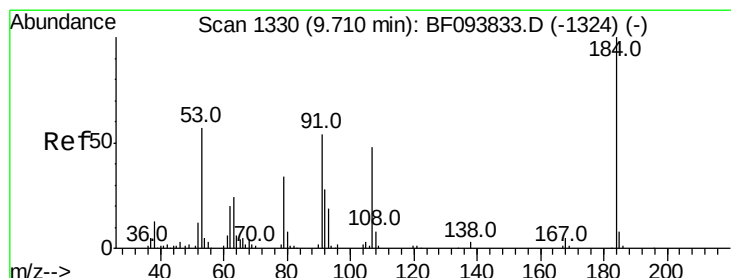
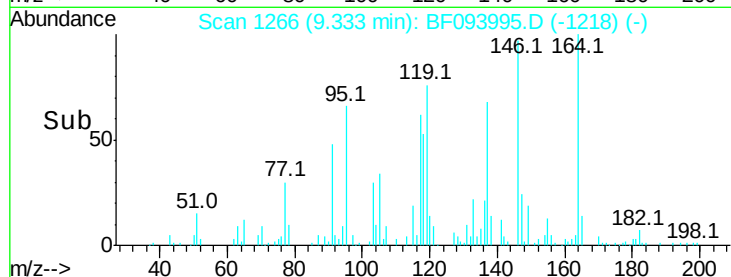
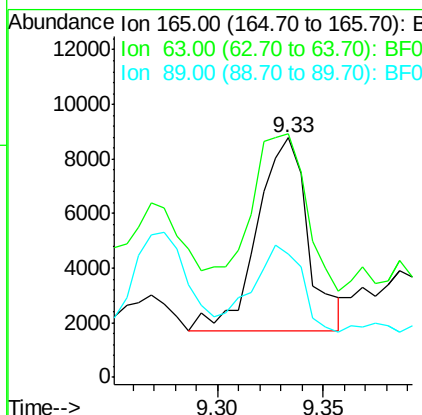
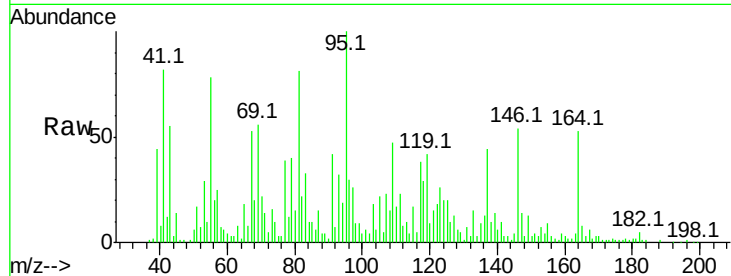




#50
 2,6-Dinitrotoluene
 Concen: 2.19 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

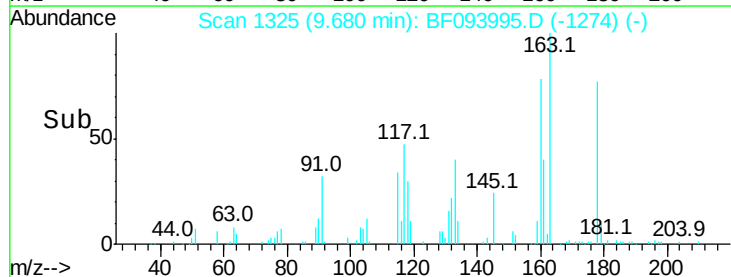
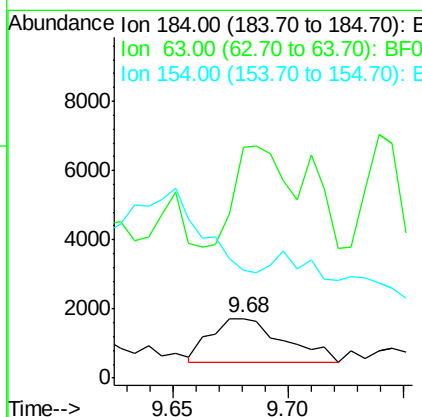
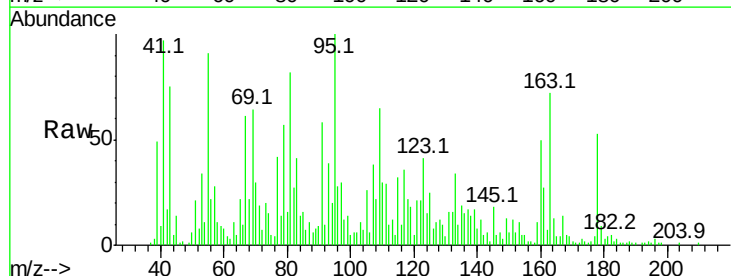
Instrument :
 BNA_F
 ClientSampled :

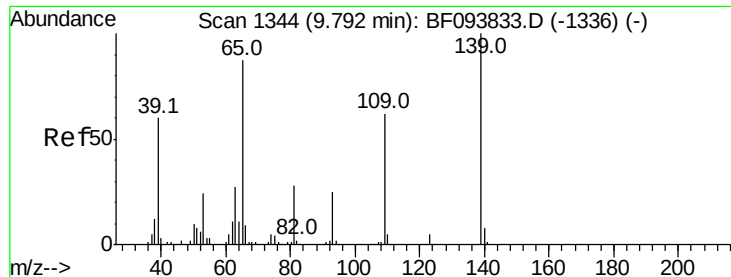
Tot Ion:165 Resp: 11832
 Ion Ratio Lower Upper
 165 100
 63 101.7 34.3 51.5#
 89 51.5 37.1 55.7



#53
 2,4-Dinitrophenol
 Concen: 5.58 ng
 RT: 9.68 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

Tgt Ion:184 Resp: 2819
 Ion Ratio Lower Upper
 184 100
 63 388.5 62.7 94.1#
 154 181.0 81.1 121.7#

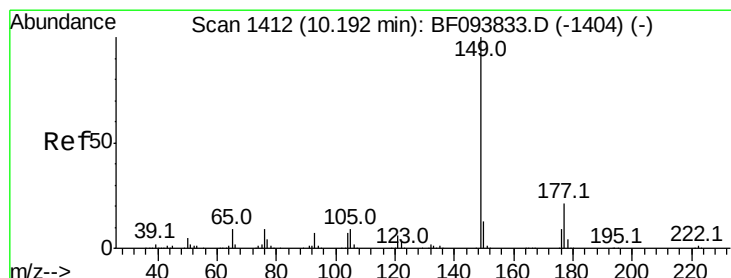
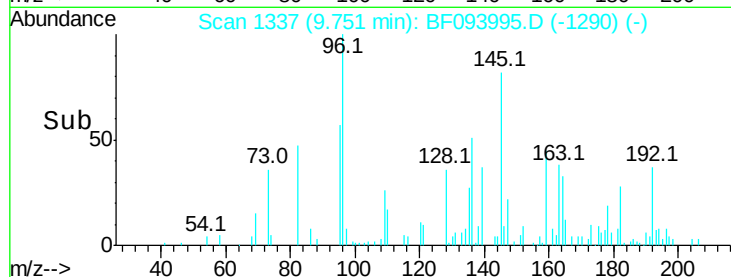
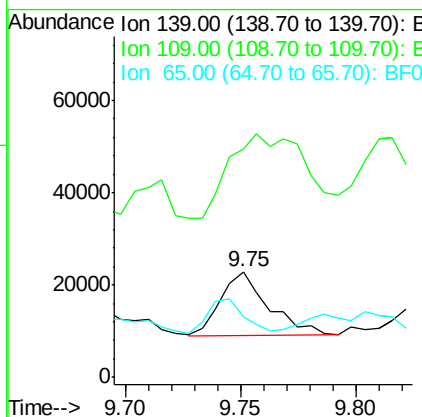
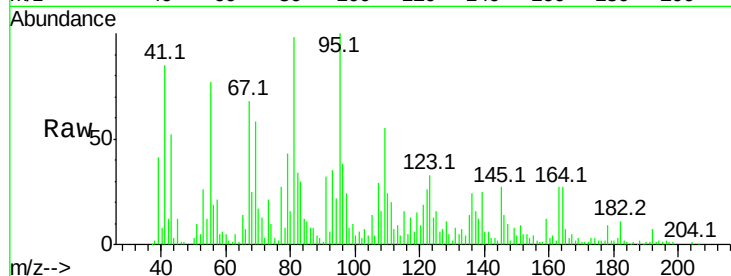




#55
4-Nitrophenol
Concen: 4.03 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

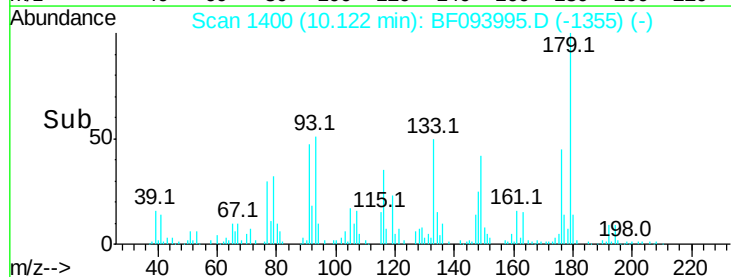
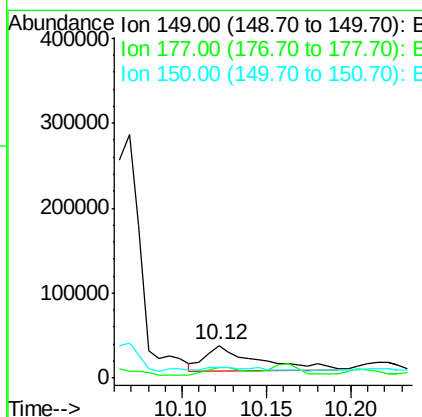
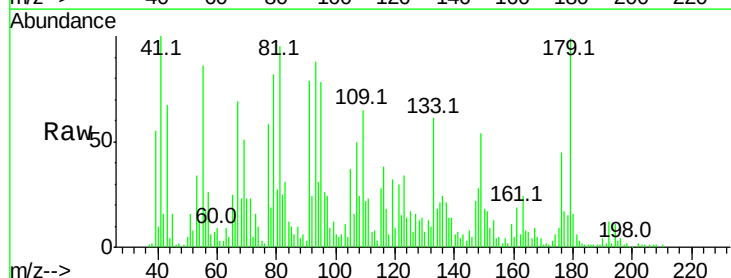
Instrument :
BNA_F
ClientSampled :

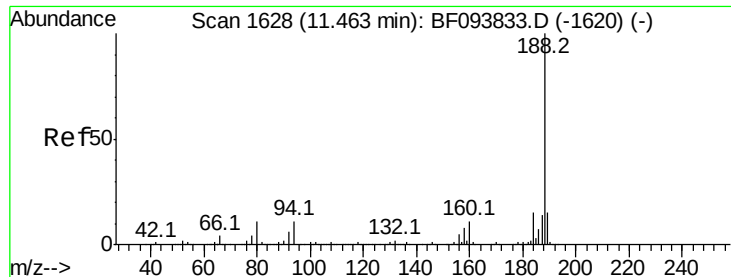
Tot Ion:139 Resp: 20000
Ion Ratio Lower Upper
139 100
109 215.6 34.1 74.1#
65 56.7 31.4 71.4



#59
Diethylphthalate
Concen: 2.71 ng
RT: 10.12 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion:149 Resp: 62993
Ion Ratio Lower Upper
149 100
177 31.7 16.7 25.1#
150 33.8 10.2 15.2#

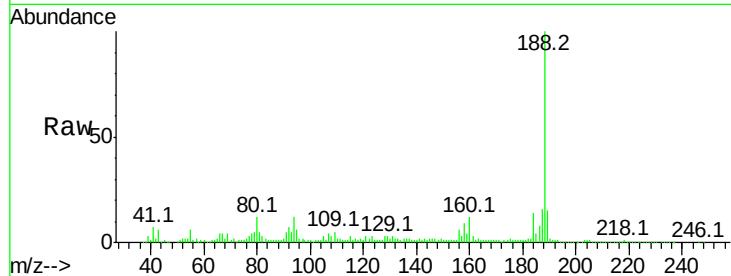




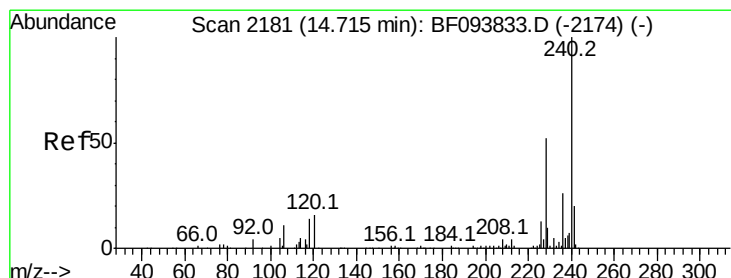
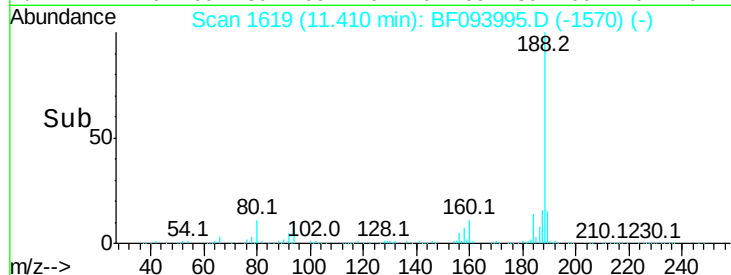
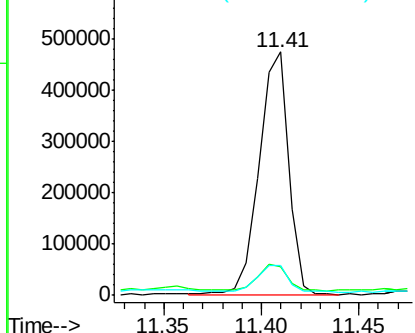
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 493964
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.2 10.2 15.2

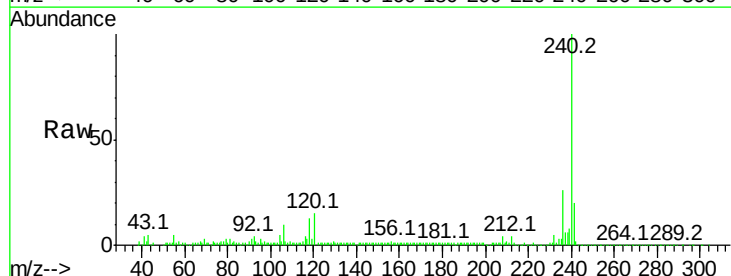


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

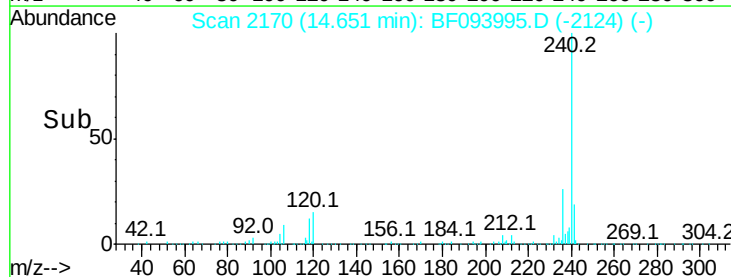
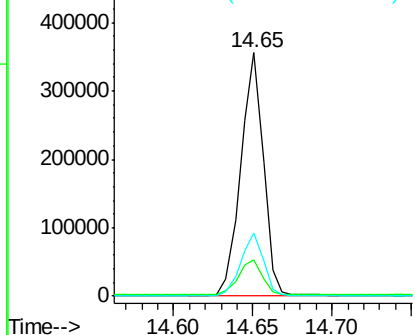


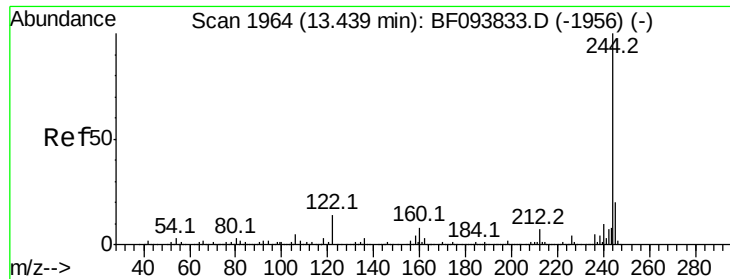
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion:240 Resp: 351502
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 26.1 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: 80.21 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

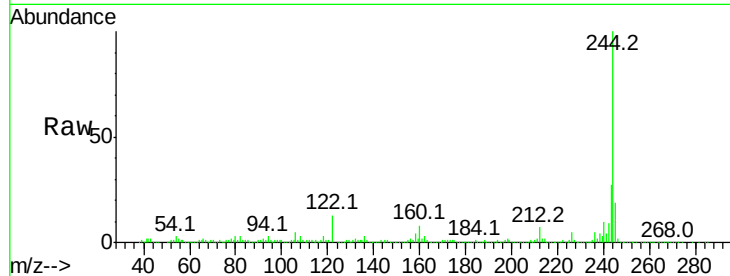
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1257772

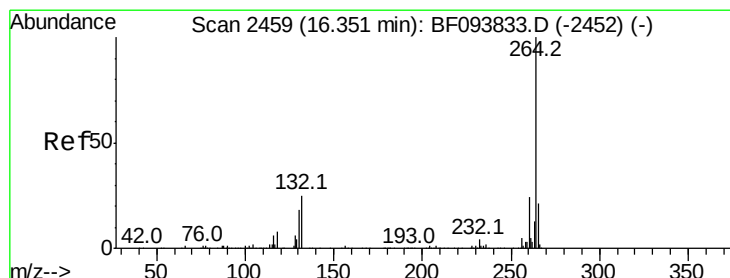
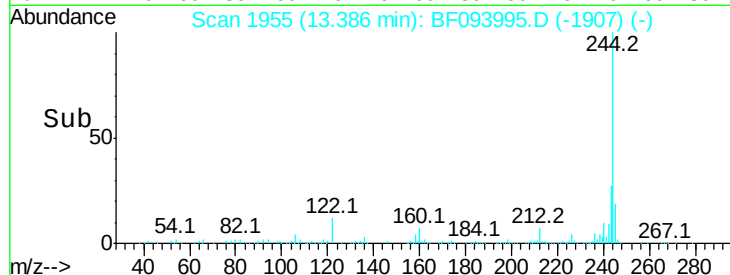
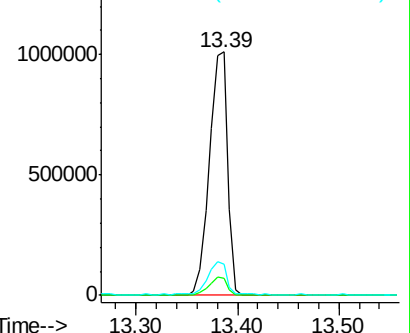
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.5	10.3	15.5



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: 16.28 min Scan# 2447

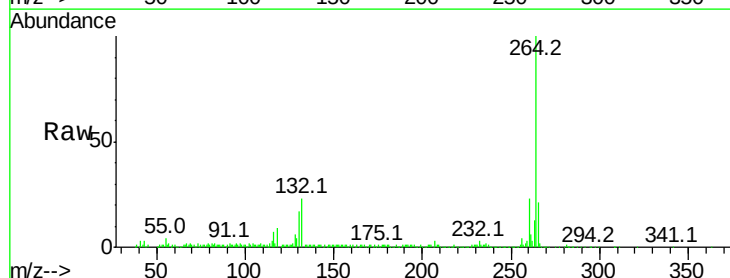
Delta R.T. -0.03 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Tgt Ion:264 Resp: 286424

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.2	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

