

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096626.D
 Acq On : 11 Jul 2017 2:52
 Operator : SJ/JU
 Sample : I4071-04 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 05:26:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

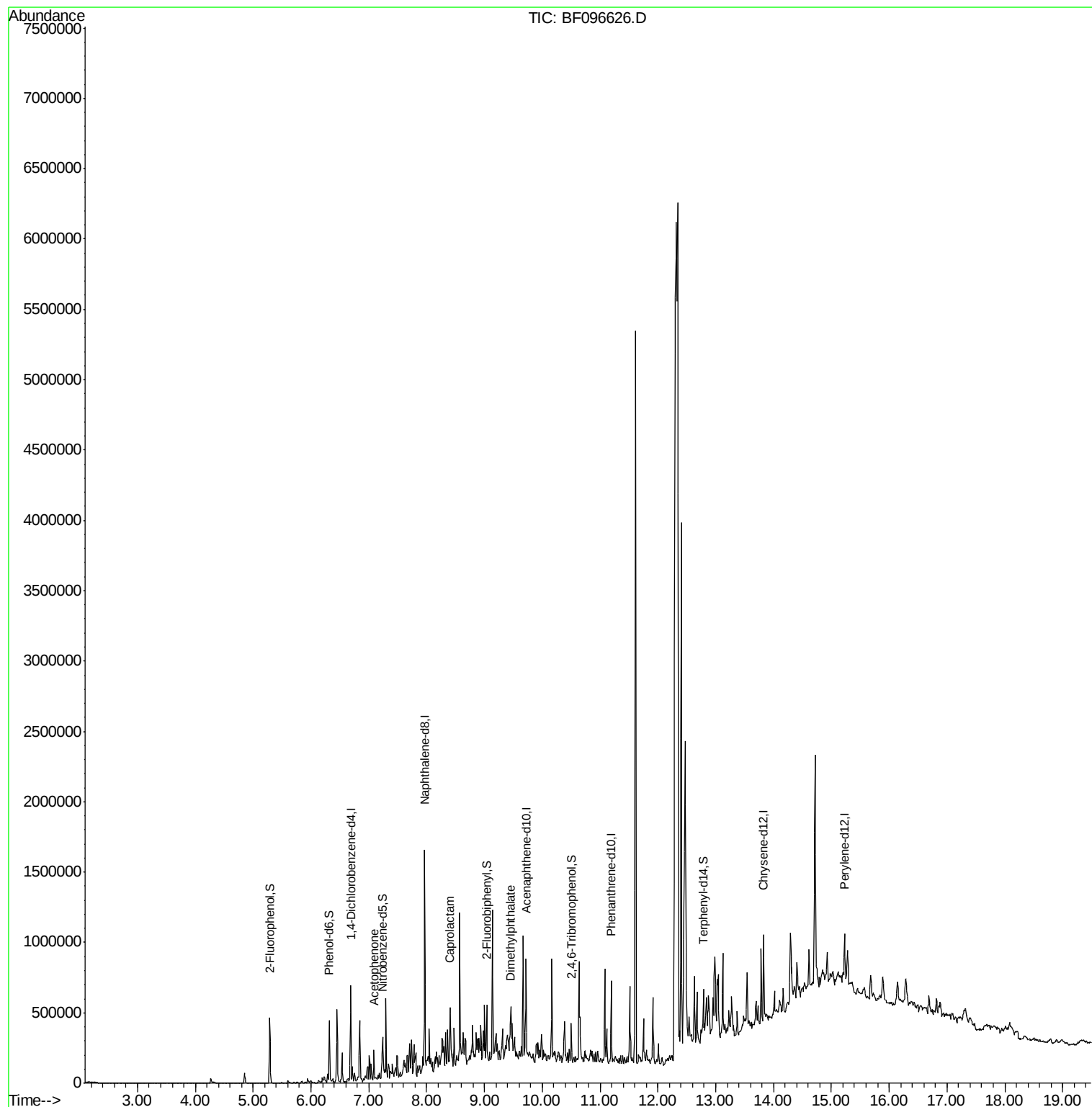
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	92467	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	309077	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	123045	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	212332	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	212178	20.00	ng	-0.02
86) Perylene-d12	15.23	264	150436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	119014	19.00	ng	-0.02
7) Phenol-d6	6.32	99	132903	17.26	ng	-0.03
23) Nitrobenzene-d5	7.24	82	71407	13.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	18902	19.67	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	123418	17.15	ng	-0.02
78) Terphenyl-d14	12.79	244	104855	10.56	ng	-0.01
Target Compounds						
22) Acetophenone	7.09	105	19939	2.95	ng	# 45
35) Caprolactam	8.40	113	6989	4.83	ng	# 1
49) Dimethylphthalate	9.44	163	20651	2.25	ng	# 95

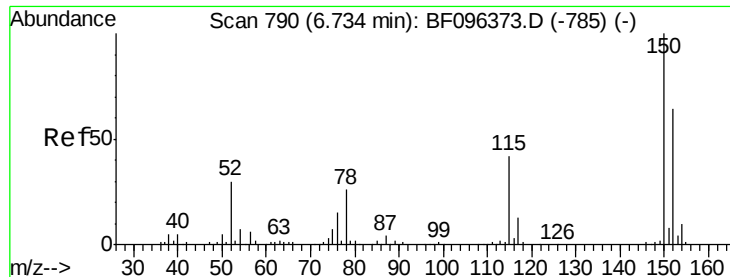
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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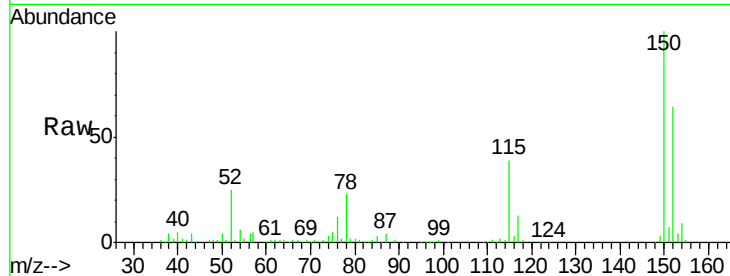


#1

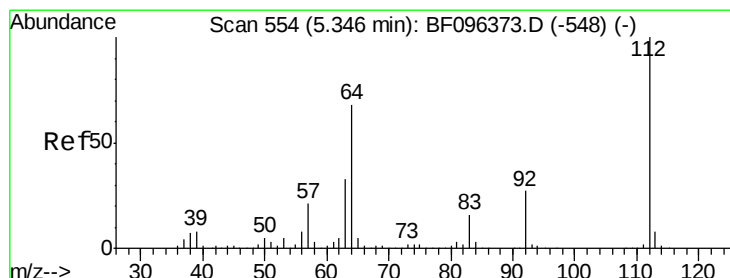
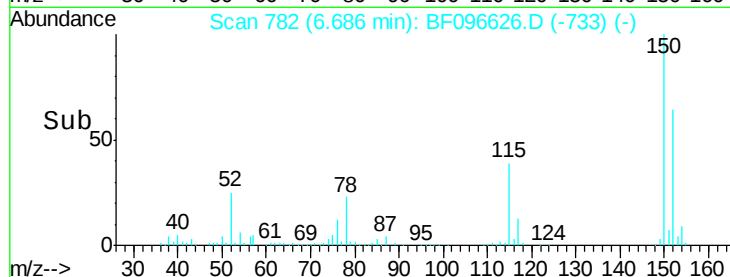
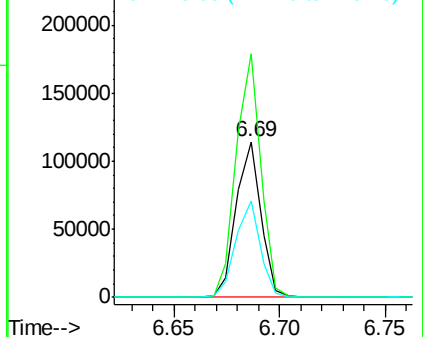
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096626.D
Acq: 11 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92467
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 61.6 52.2 78.2



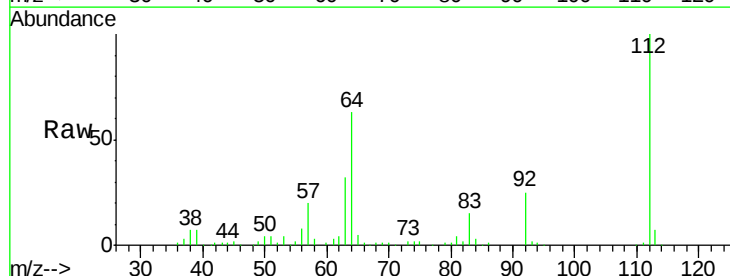
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



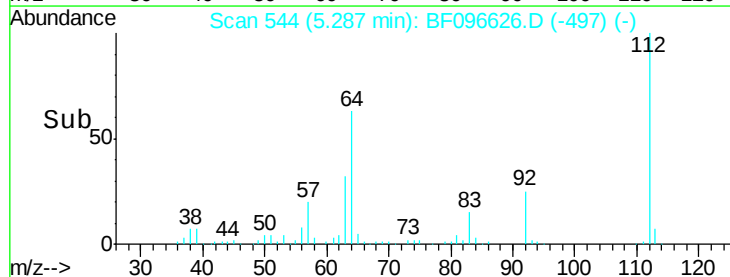
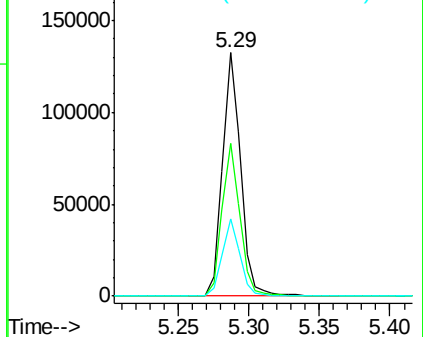
#5

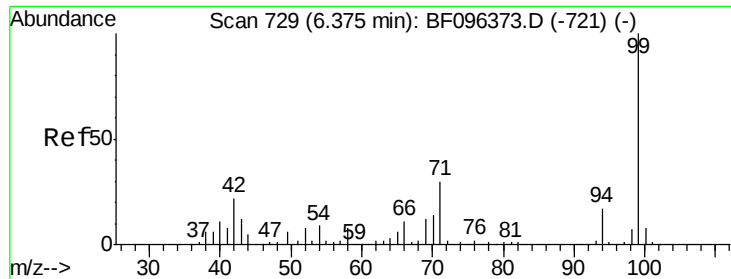
2-Fluorophenol
Concen: 19.00 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096626.D
Acq: 11 Jul 2017 2:52

Tgt Ion:112 Resp: 119014
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 31.6 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: 17.26 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

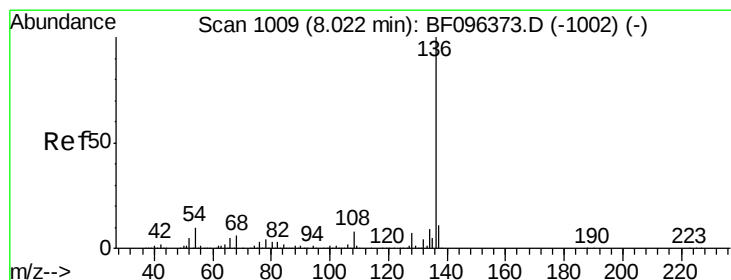
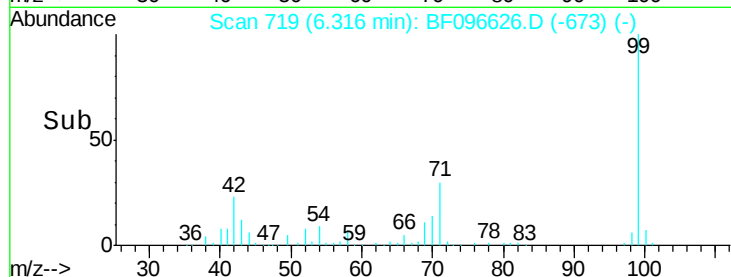
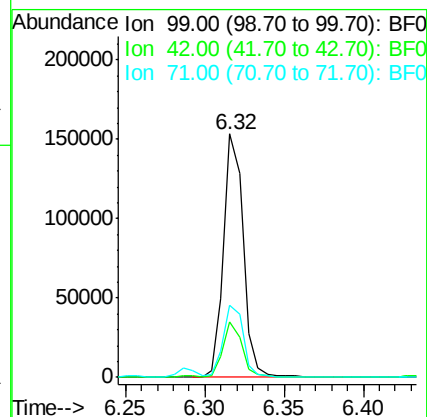
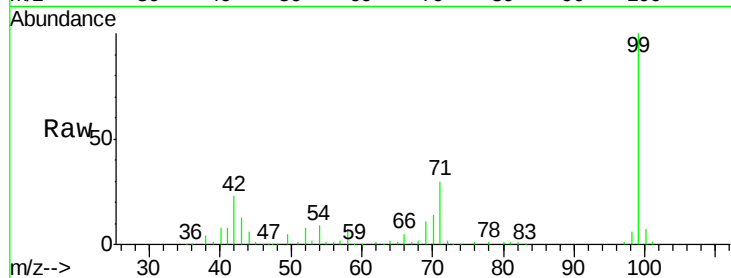
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 132903

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	29.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

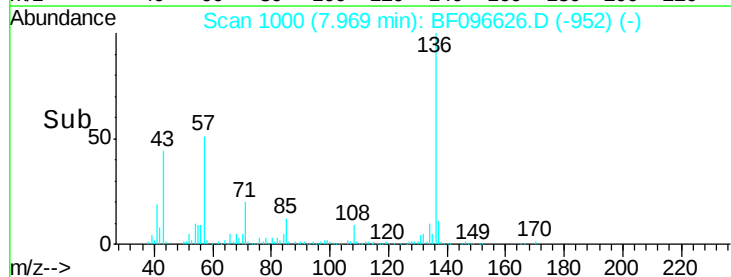
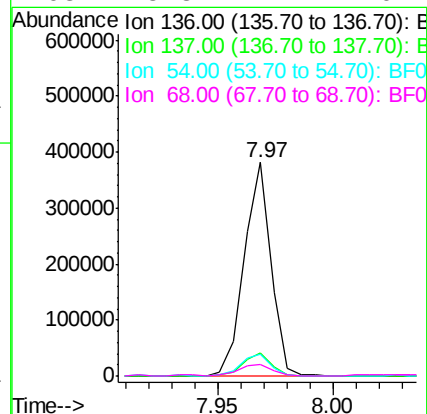
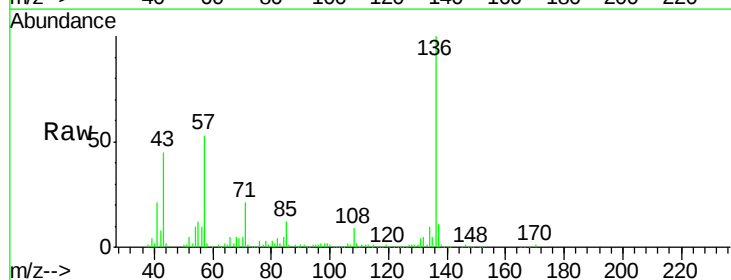
Delta R.T. -0.02 min

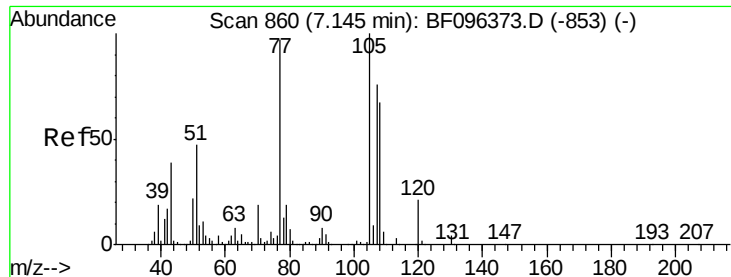
Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

Tgt Ion: 136 Resp: 309077

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.3	4.9	7.3#
68	5.3	4.1	6.1





#22

Acetophenone

Concen: 2.95 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 19939

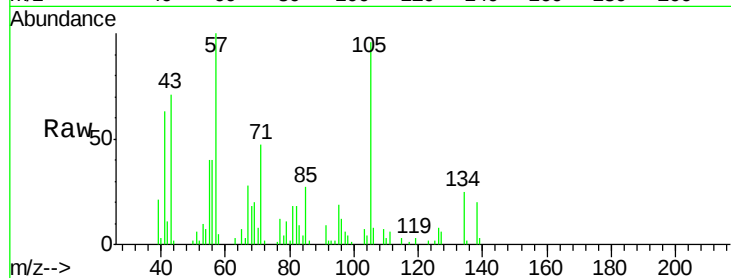
Ion Ratio Lower Upper

105 100

71 48.6 2.8 4.2#

51 6.4 30.7 46.1#

120 0.0 17.4 26.0#

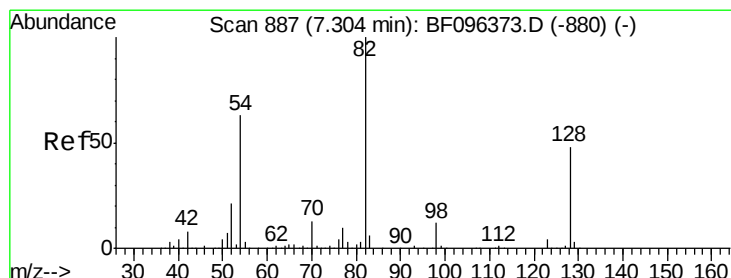
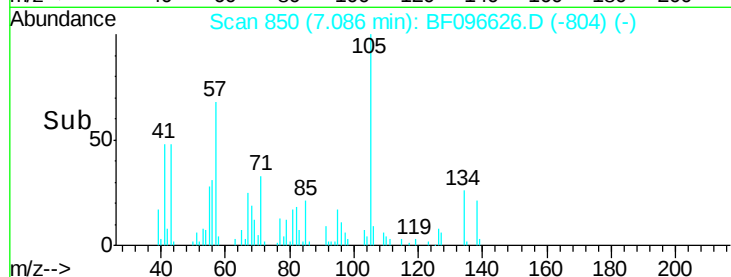
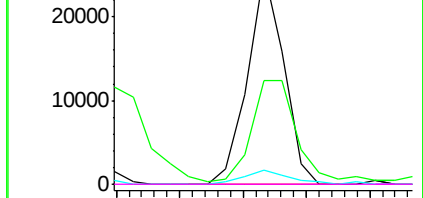


Abundance Ion 105.00 (104.70 to 105.70): E

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: 13.88 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

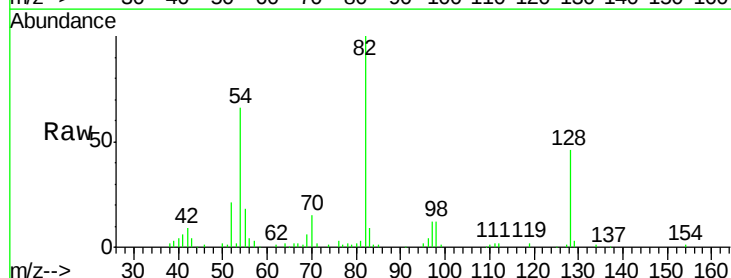
Tgt Ion: 82 Resp: 71407

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

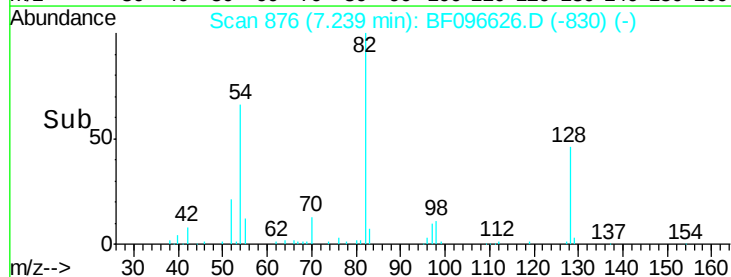
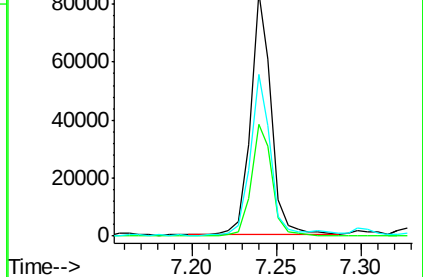
54 66.3 42.2 63.2#

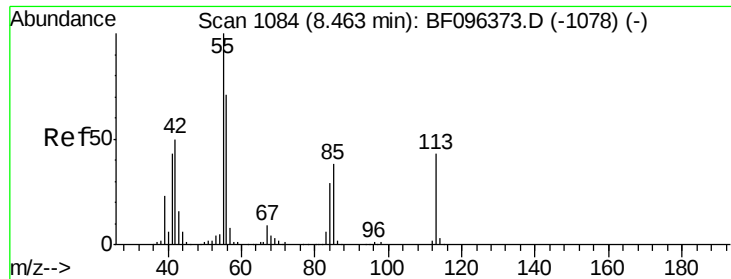


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

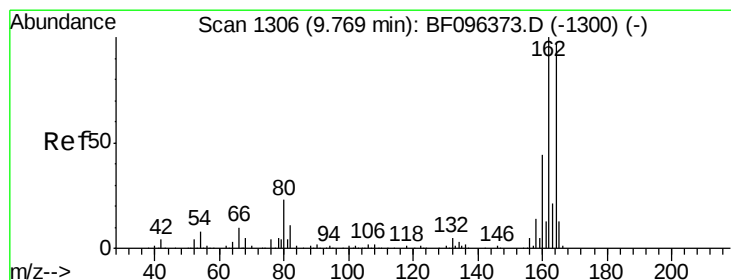
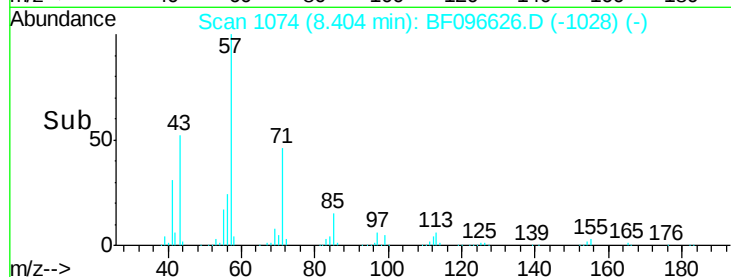
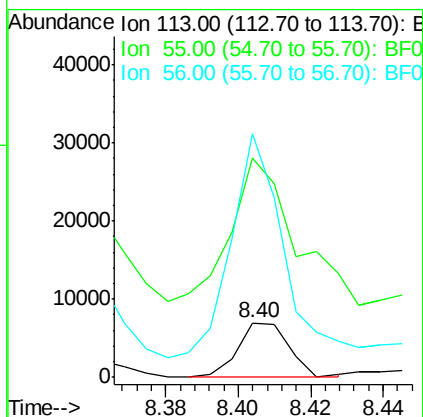
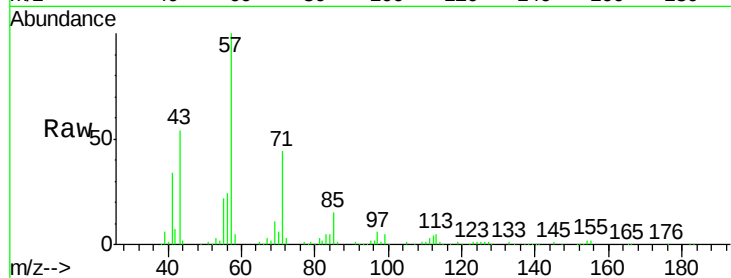




#35
 Caprolactam
 Concen: 4.83 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.03 min
 Lab File: BF096626.D
 Acq: 11 Jul 2017 2:52

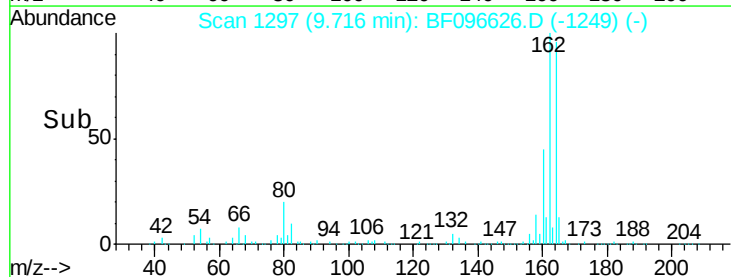
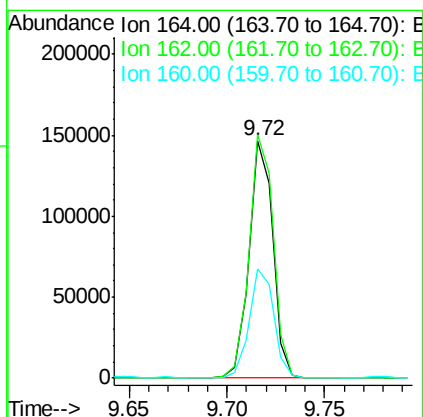
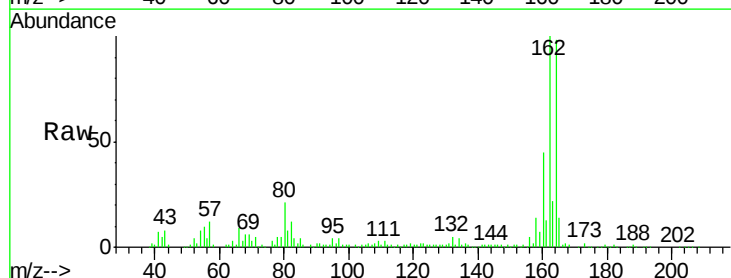
Instrument :
 BNA_F
 ClientSampled :

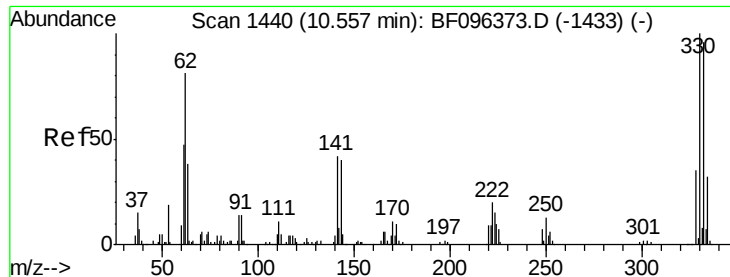
Tot Ion:113 Resp: 6989
 Ion Ratio Lower Upper
 113 100
 55 402.8 150.2 190.2#
 56 448.2 107.8 147.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096626.D
 Acq: 11 Jul 2017 2:52

Tgt Ion:164 Resp: 123045
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.8 36.2 54.2

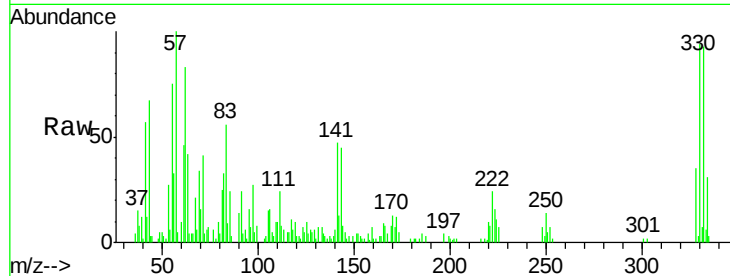




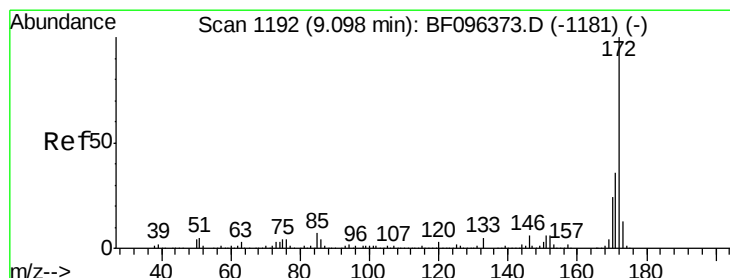
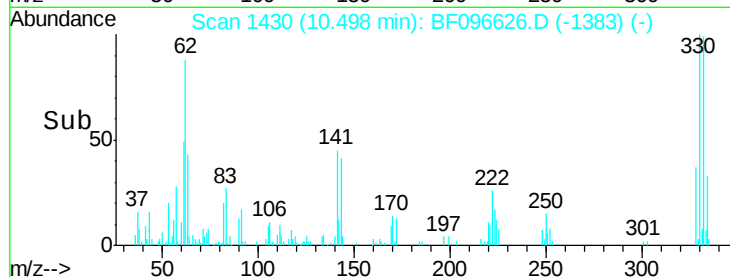
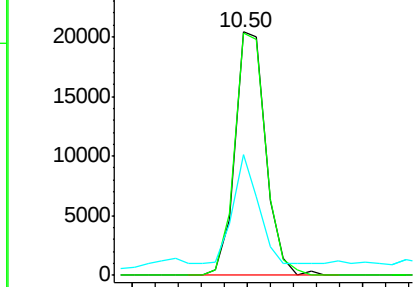
#41
 2,4,6-Tribromophenol
 Concen: 19.67 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096626.D
 Acq: 11 Jul 2017 2:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 18902
 Ion Ratio Lower Upper
 330 100
 332 100.6 76.6 115.0
 141 37.4 31.4 47.2

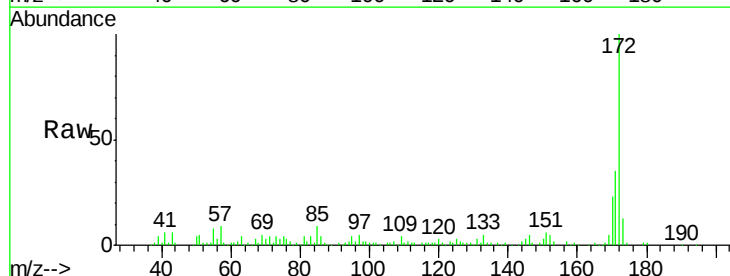


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

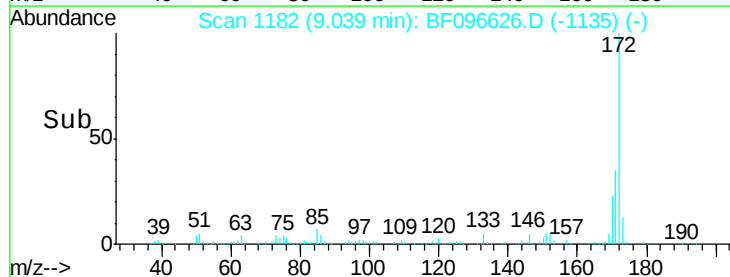
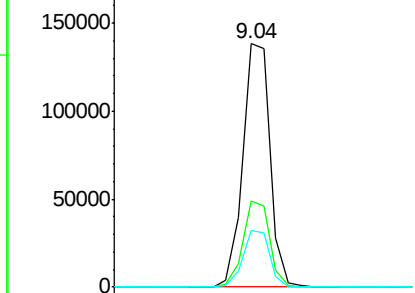


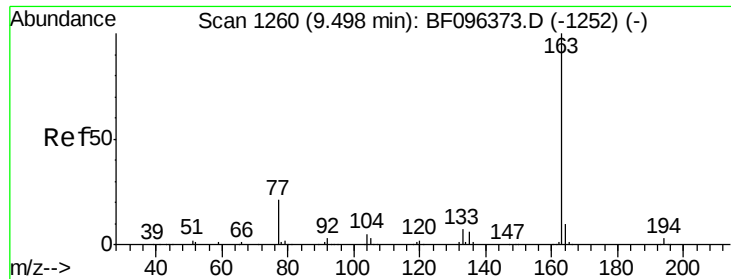
#44
 2-Fluorobiphenyl
 Concen: 17.15 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096626.D
 Acq: 11 Jul 2017 2:52

Tgt Ion:172 Resp: 123418
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.3 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





#49

Dimethylphthalate

Concen: 2.25 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

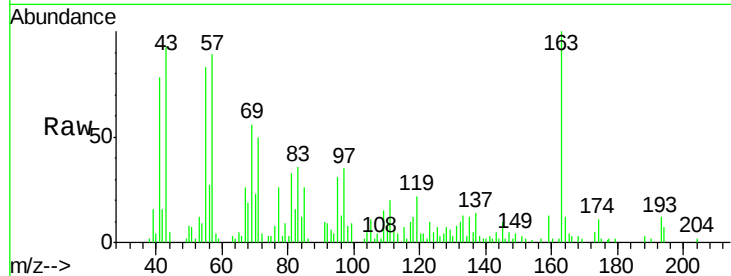
Tot Ion:163 Resp: 20651

Ion Ratio Lower Upper

163 100

194 6.6 2.6 4.0#

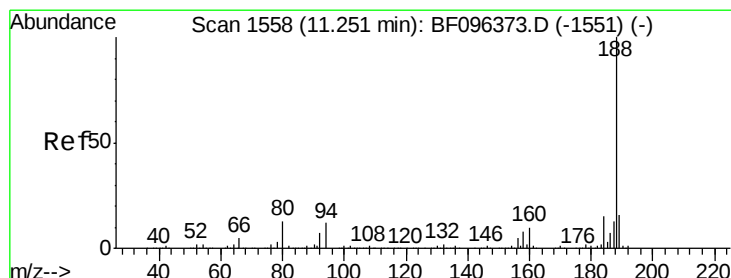
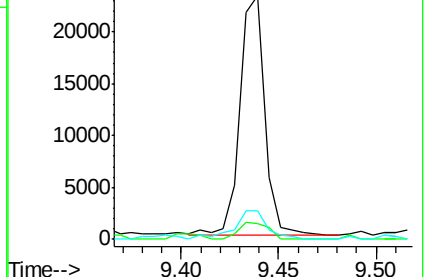
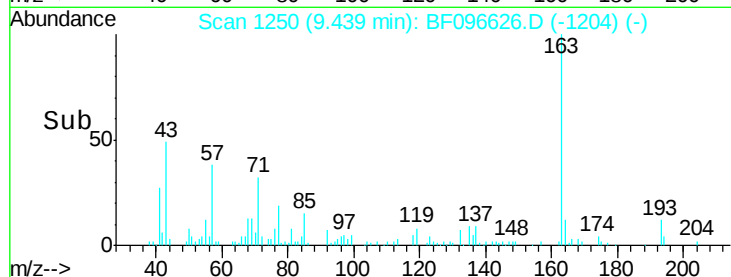
164 11.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

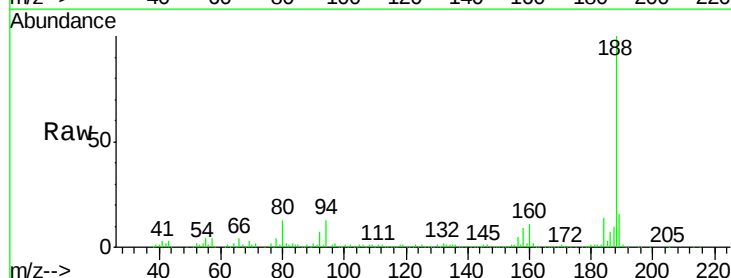
Tgt Ion:188 Resp: 212332

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

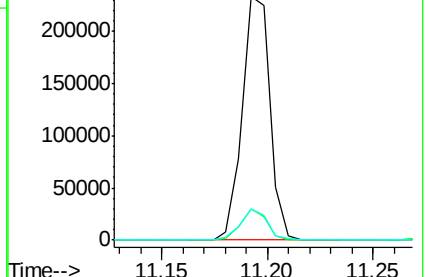
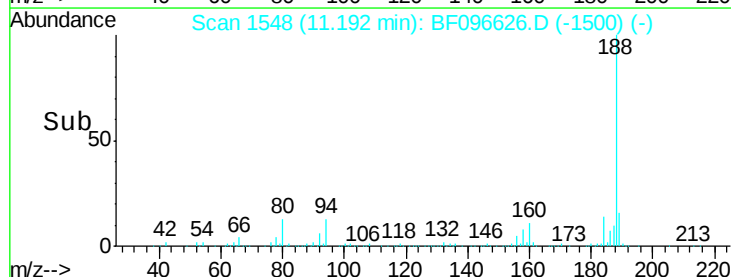
80 12.8 10.2 15.2

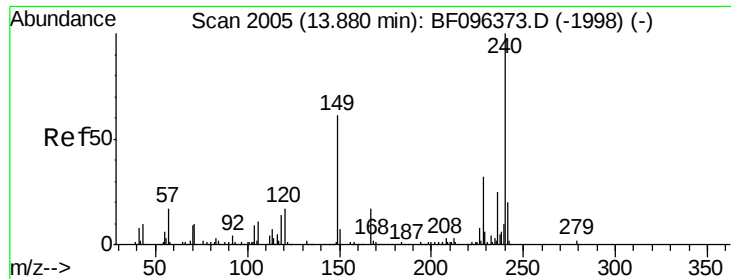


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

Instrument :

BNA_F

ClientSampleId :

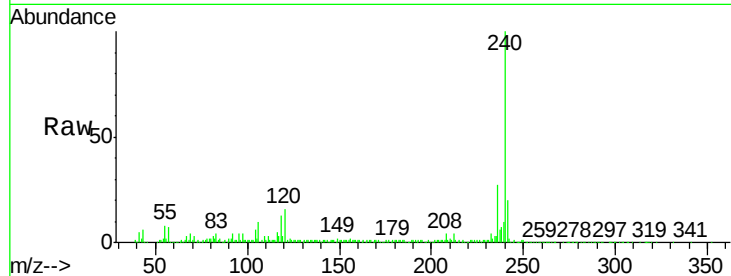
Tot Ion:240 Resp: 212178

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

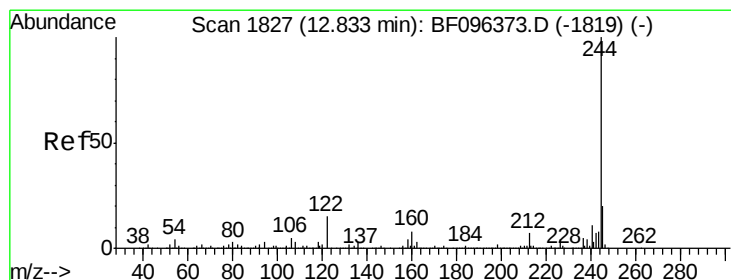
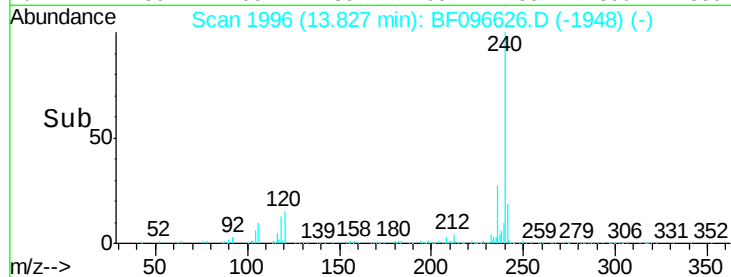
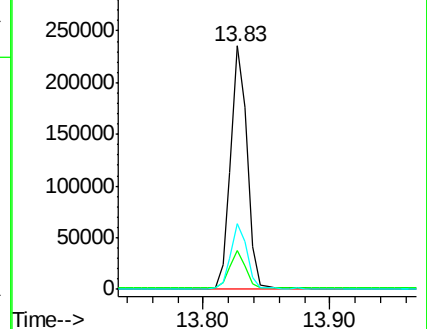
236 27.1 20.5 30.7



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: 10.56 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096626.D

Acq: 11 Jul 2017 2:52

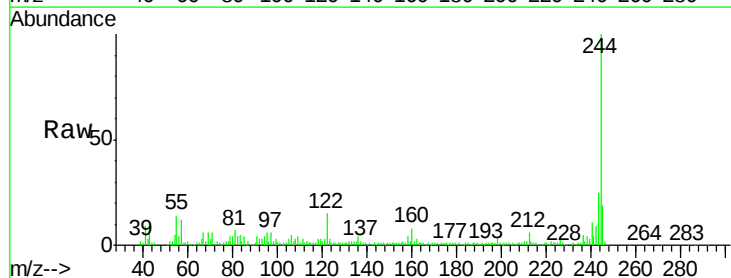
Tgt Ion:244 Resp: 104855

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

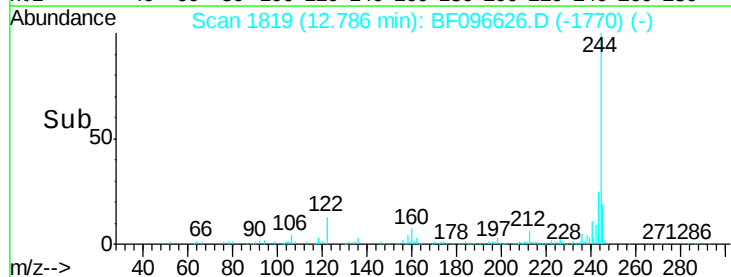
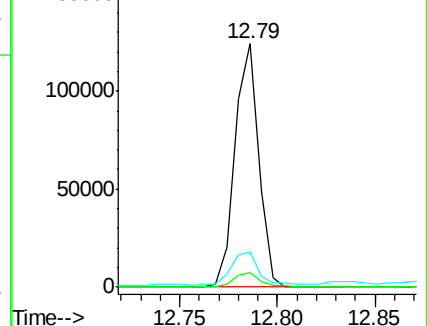
122 14.5 10.3 15.5

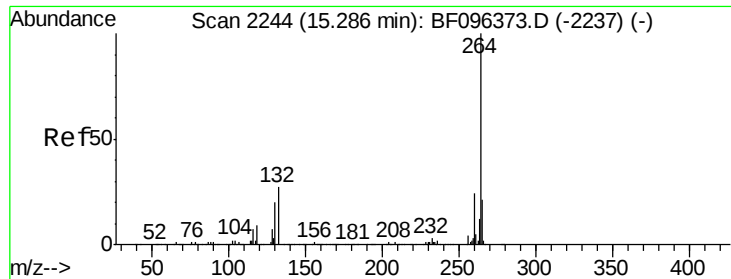


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

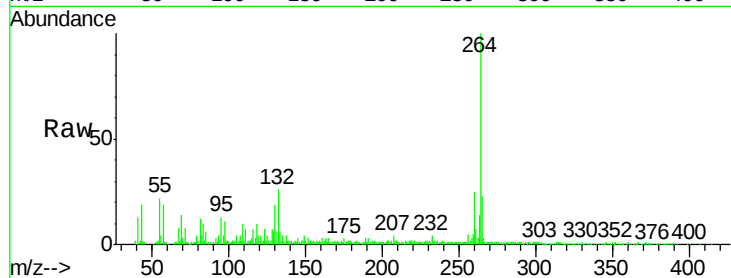




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096626.D
Acq: 11 Jul 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.5	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

