

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089486.D
 Acq On : 31 Jul 2016 22:48
 Operator : UM/SJ
 Sample : H4251-12 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:17:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

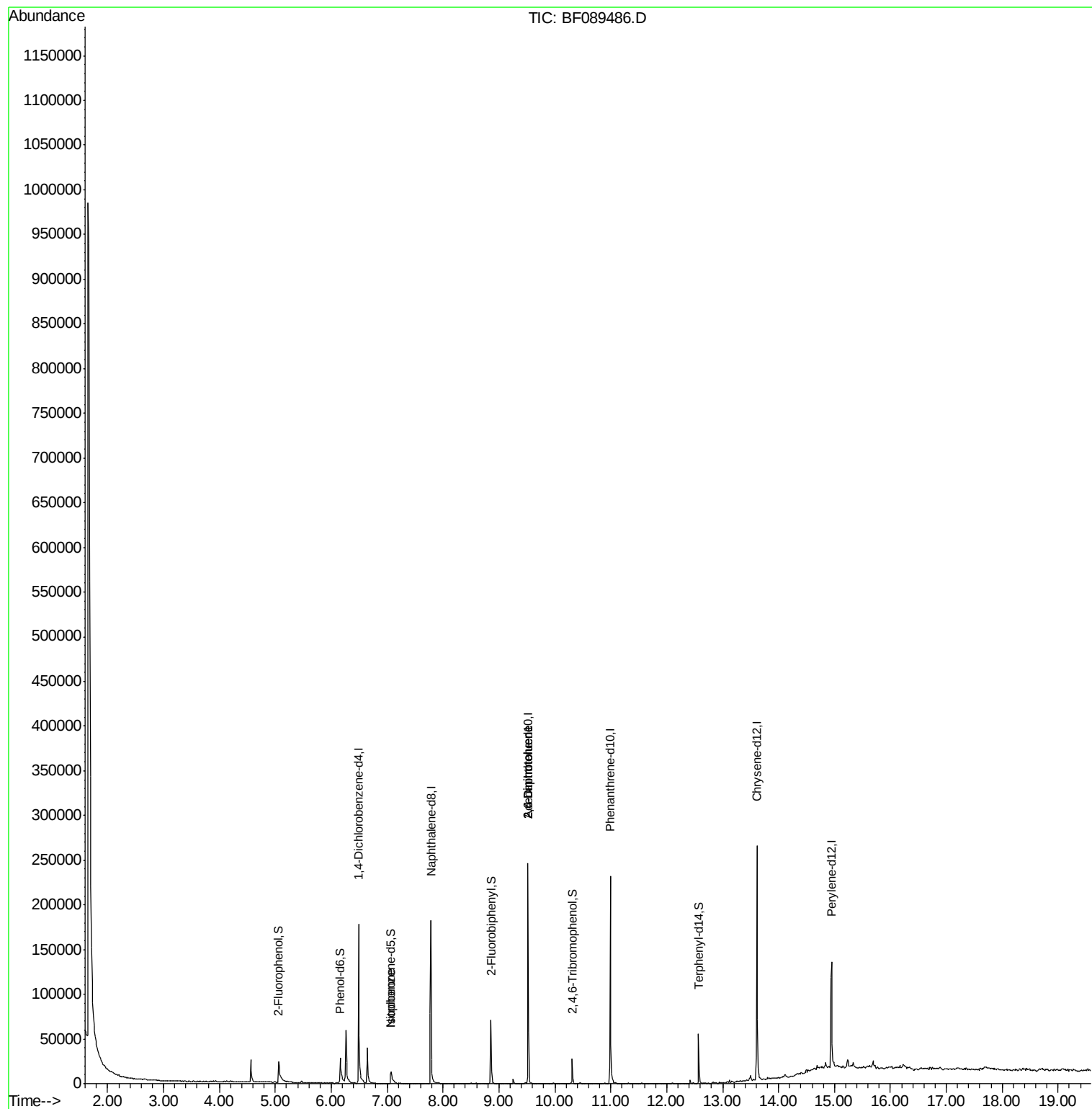
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	35172	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	116979	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	48400	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	94015	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	95628	20.00	ng	-0.06
86) Perylene-d12	14.95	264	65185	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	21052	9.56	ng	-0.05
7) Phenol-d6	6.16	99	29831	10.25	ng	-0.05
23) Nitrobenzene-d5	7.07	82	16327	8.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	3985	9.94	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	26563	8.05	ng	-0.06
78) Terphenyl-d14	12.57	244	21085	5.16	ng	-0.06
Target Compounds						
25) Isophorone	7.07	82	13676	3.43	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	5840	7.72	ng	# 24
56) 2,4-Dinitrotoluene	9.52	165	5840	5.86	ng	# 7

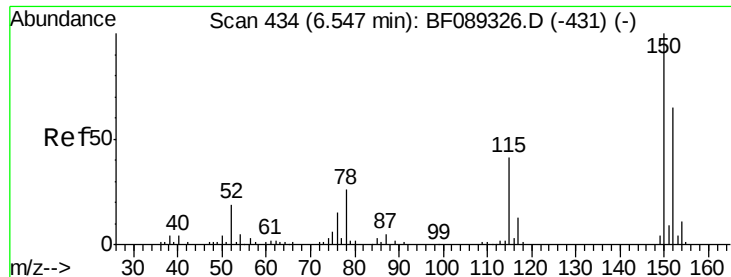
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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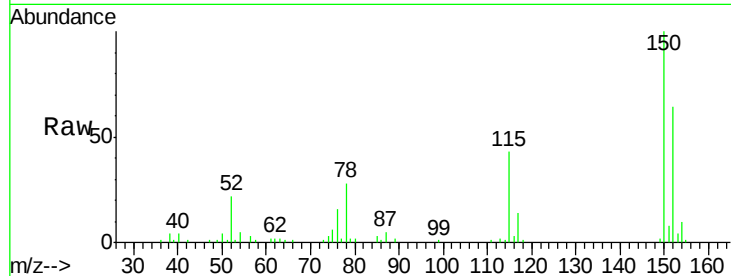


#1

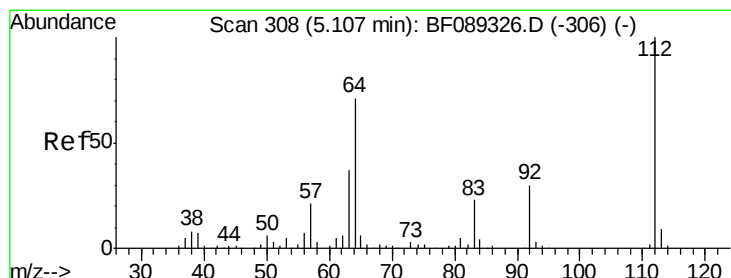
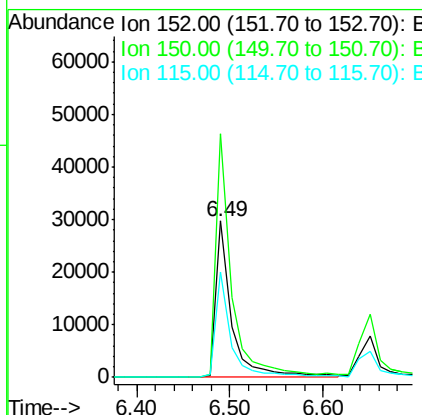
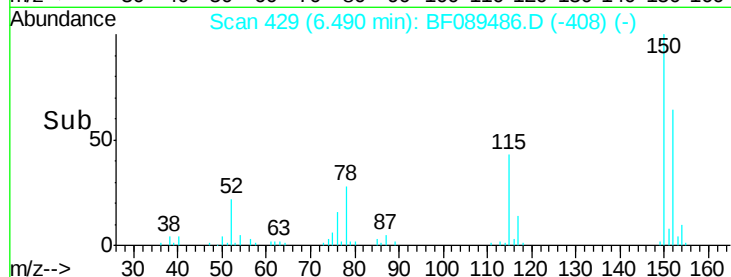
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.06 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 35172
 Ion Ratio Lower Upper
 152 100
 150 155.7 129.5 194.3
 115 67.7 51.4 77.2



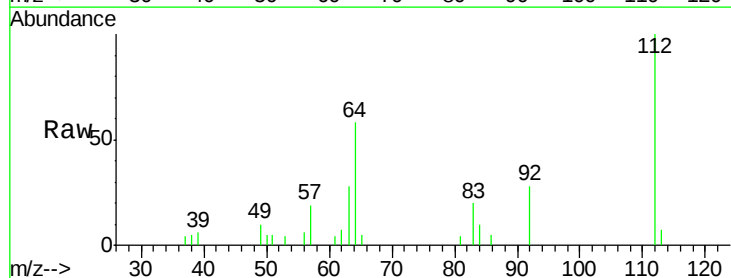
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



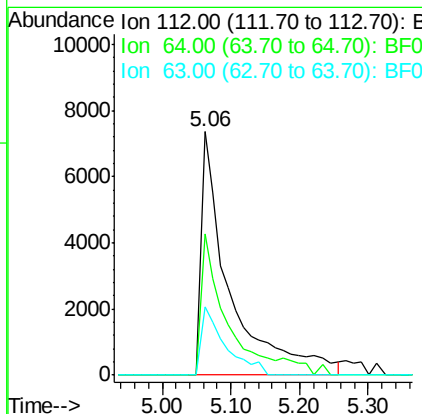
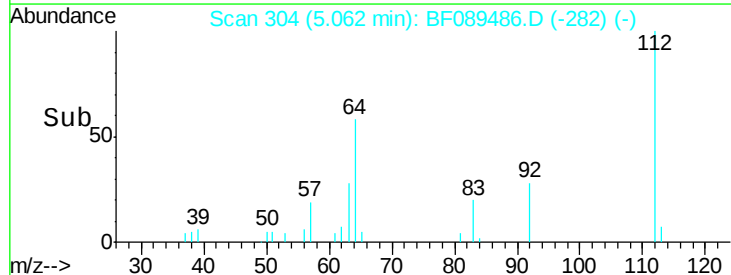
#5

2-Fluorophenol
 Concen: 9.56 ng
 RT: 5.06 min Scan# 304
 Delta R.T. -0.05 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Tgt Ion:112 Resp: 21052
 Ion Ratio Lower Upper
 112 100
 64 57.8 55.0 82.6
 63 28.1 29.4 44.2#



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: 10.25 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Instrument :

BNA_F

ClientSampleId :

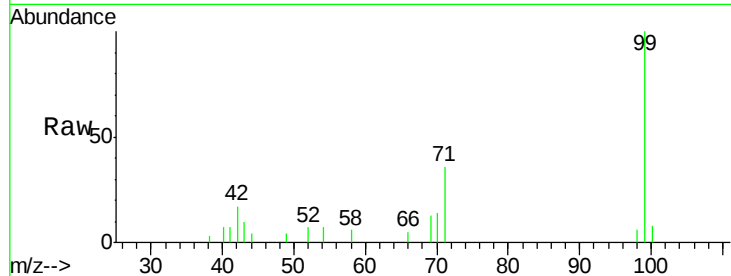
Tot Ion: 99 Resp: 29831

Ion Ratio Lower Upper

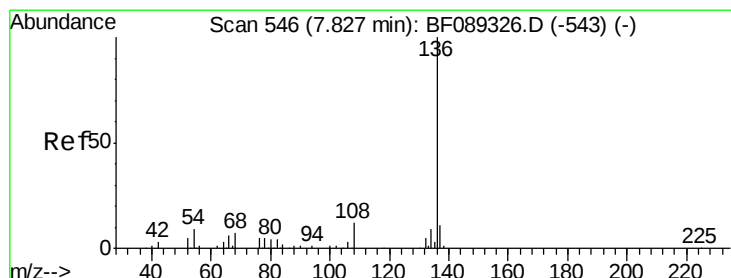
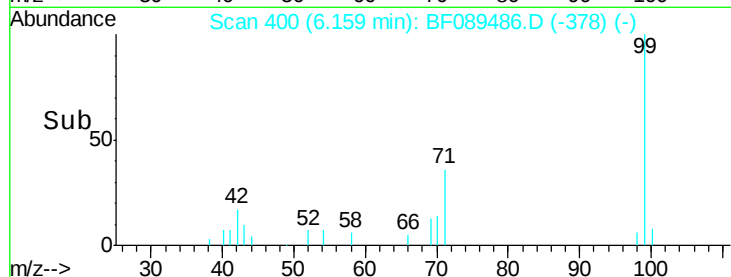
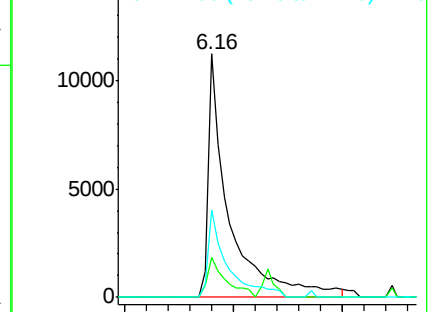
99 100

42 16.6 13.6 20.4

71 35.9 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Tgt Ion: 136 Resp: 116979

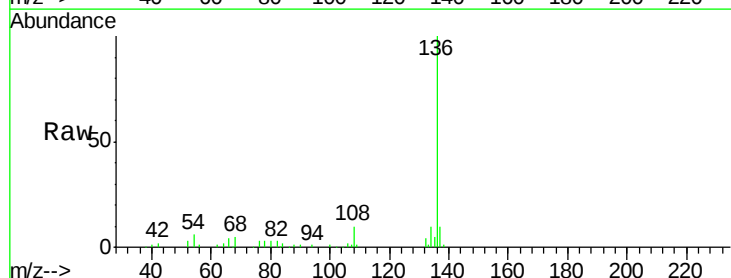
Ion Ratio Lower Upper

136 100

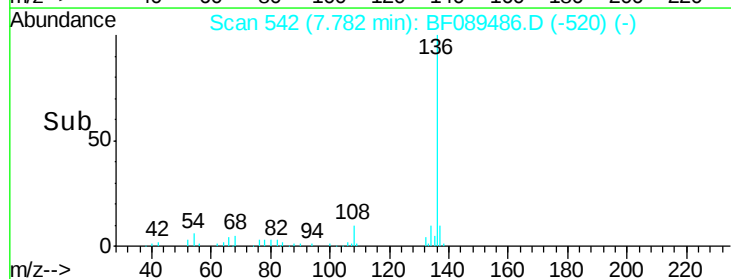
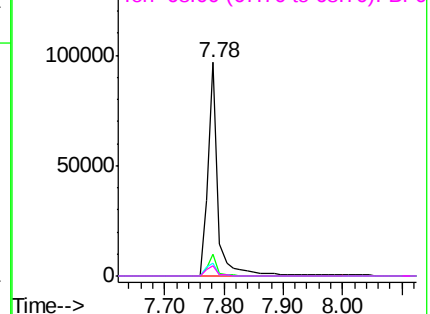
137 10.5 8.6 13.0

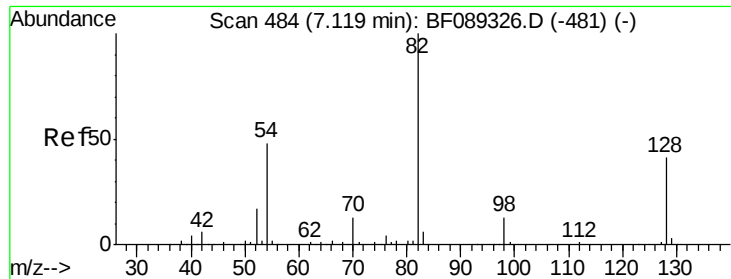
54 6.0 7.0 10.4#

68 4.6 4.9 7.3#



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: 8.24 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Instrument :

BNA_F

ClientSampled :

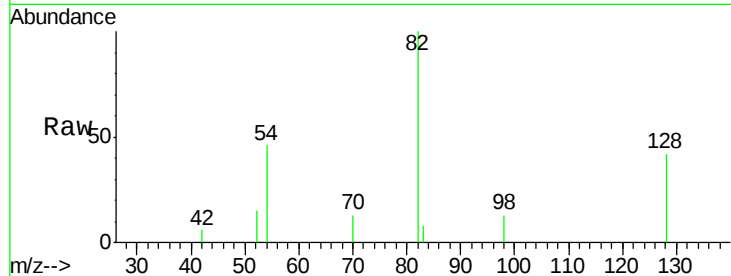
Tot Ion: 82 Resp: 16327

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

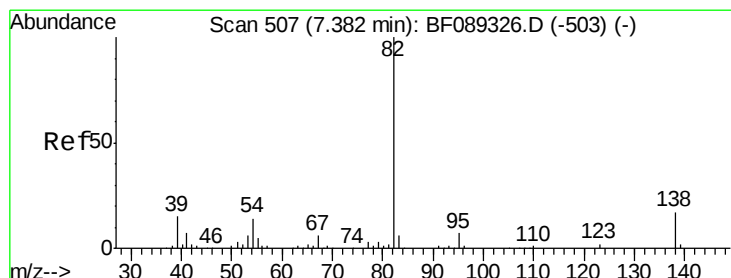
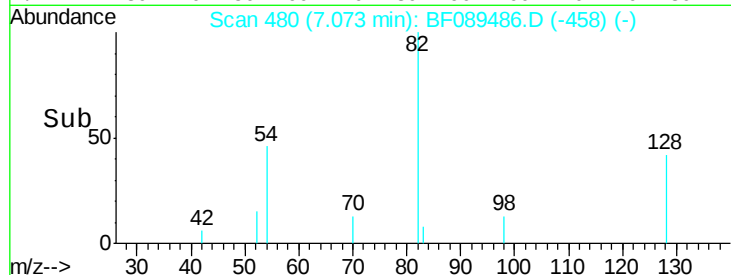
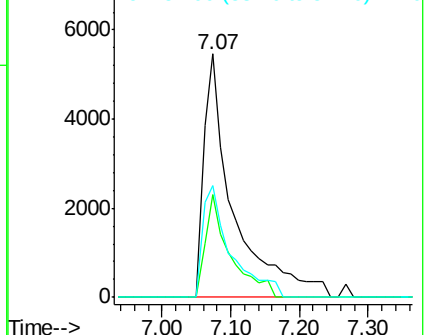
54 45.8 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 3.43 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.31 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

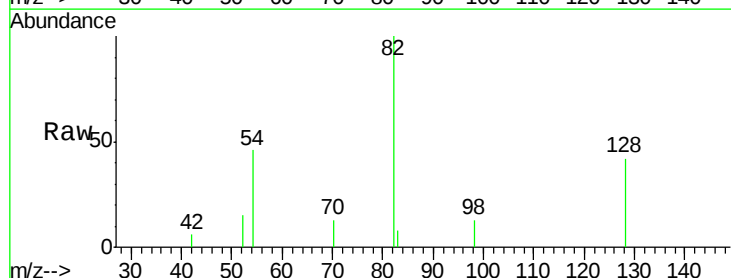
Tgt Ion: 82 Resp: 13676

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

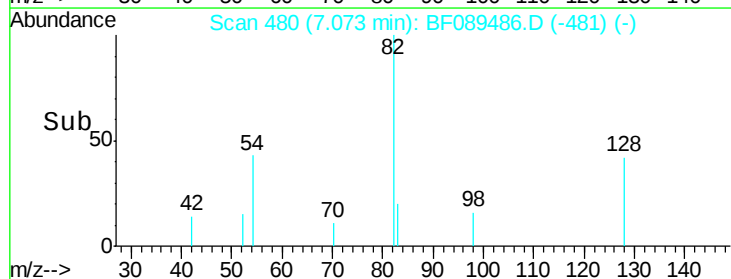
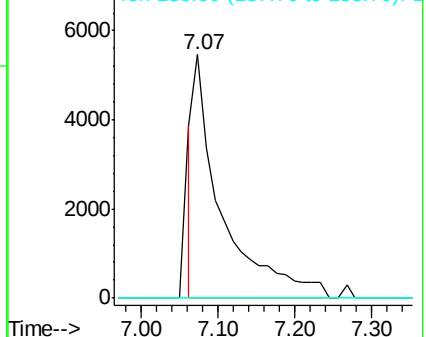
138 0.0 13.3 19.9#

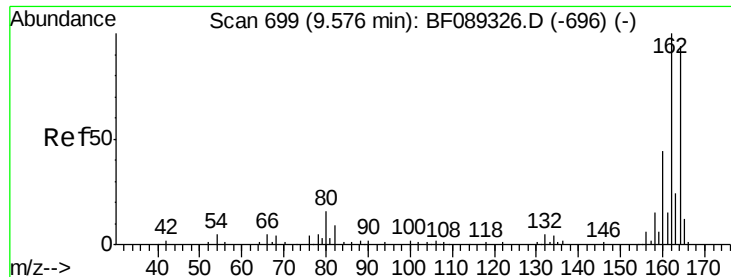


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

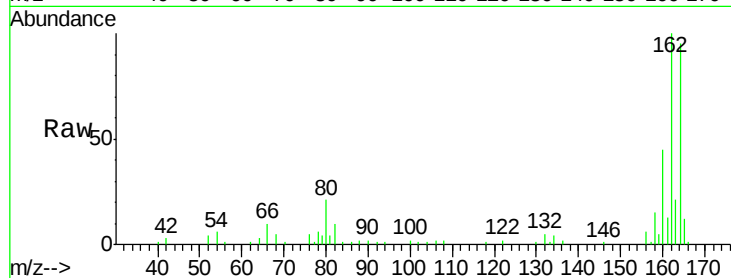




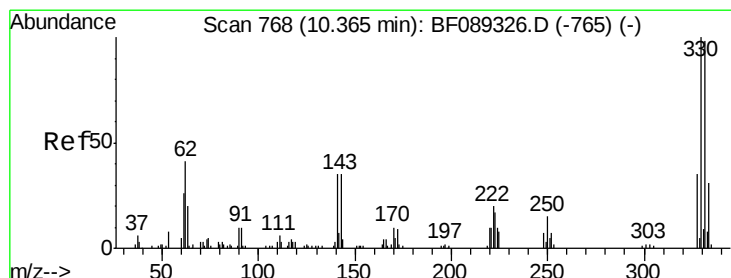
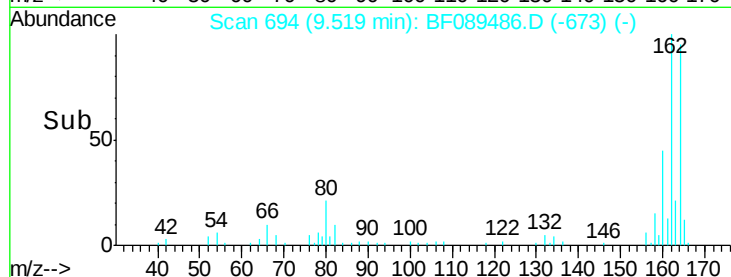
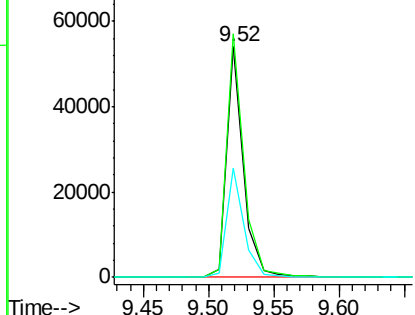
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 48400
Ion Ratio Lower Upper
164 100
162 105.6 83.7 125.5
160 47.4 37.8 56.6

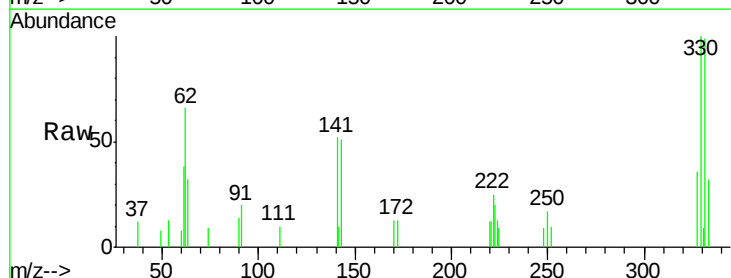


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

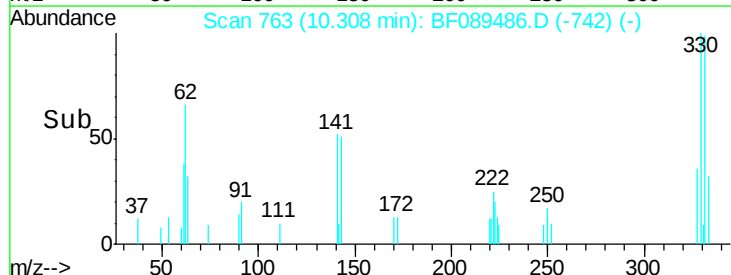
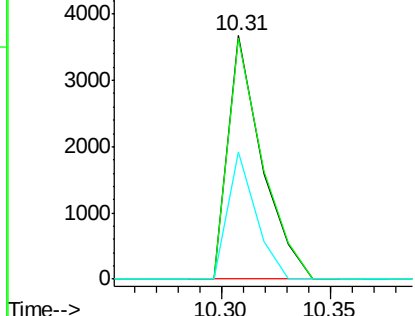


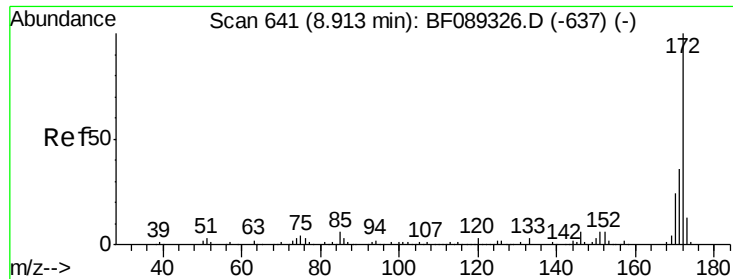
#41
2,4,6-Tribromophenol
Concen: 9.94 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:330 Resp: 3985
Ion Ratio Lower Upper
330 100
332 100.1 76.8 115.2
141 42.7 37.3 55.9



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

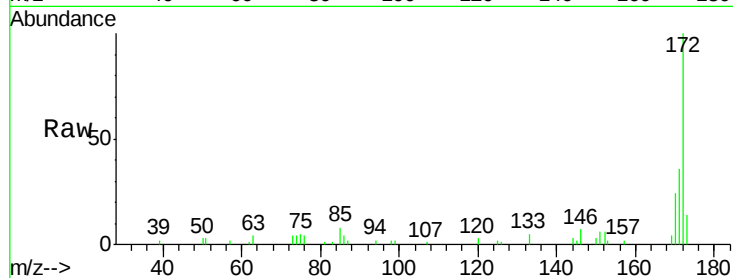




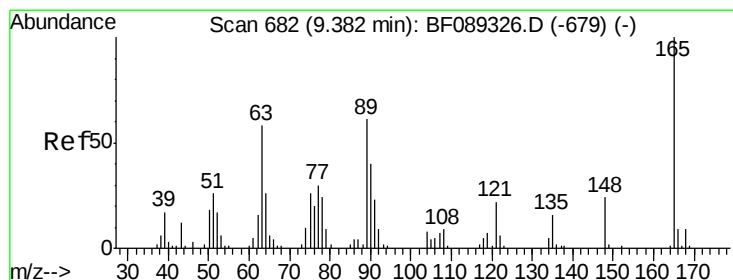
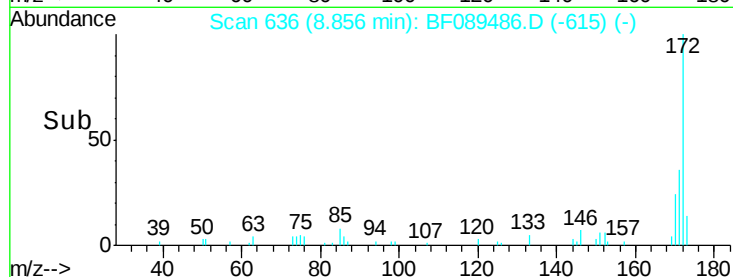
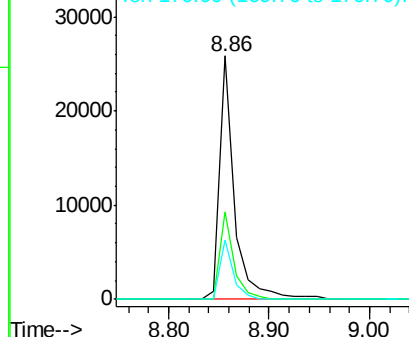
#44
2-Fluorobiphenyl
Concen: 8.05 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 26563
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.1 19.2 28.8

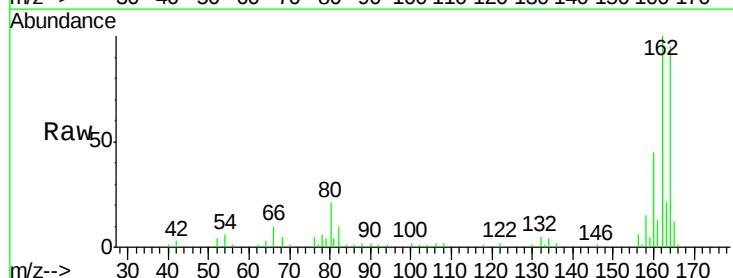


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

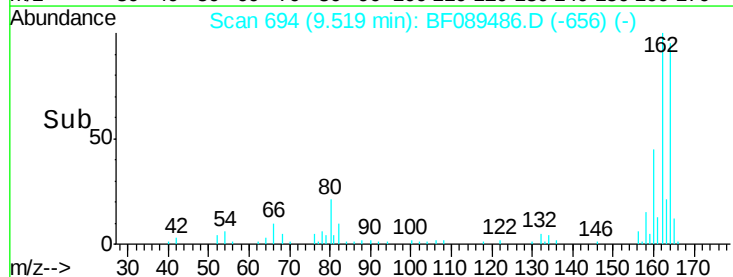
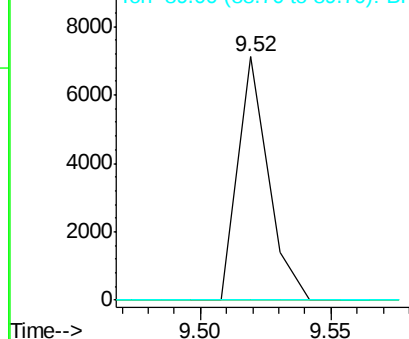


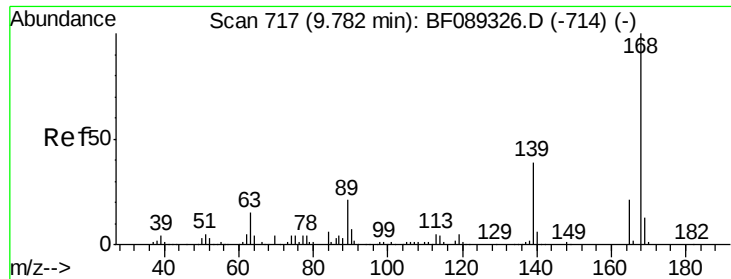
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.14 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:165 Resp: 5840
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 45.0 67.4#



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

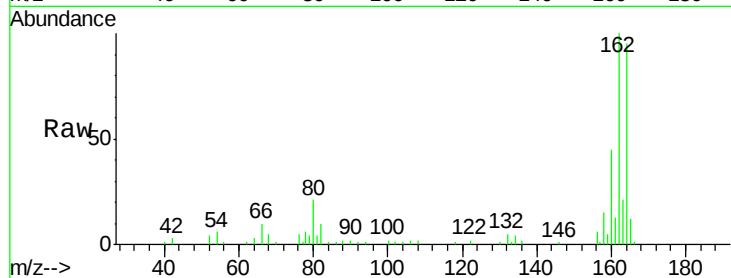




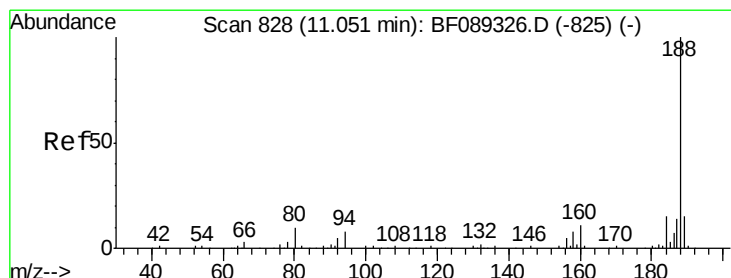
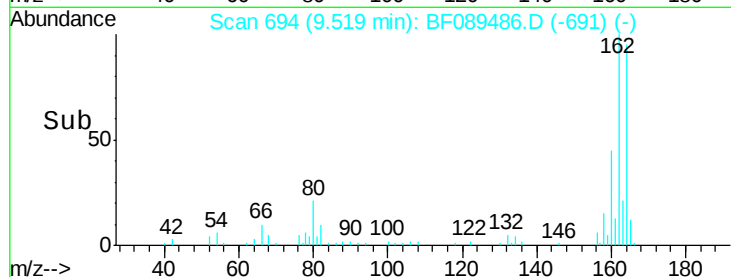
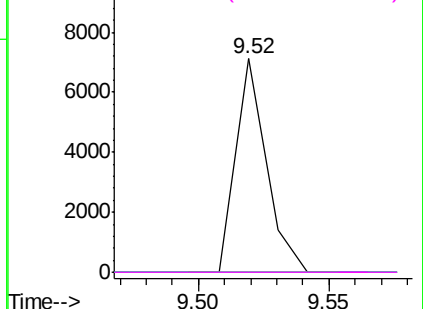
#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 5840
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#

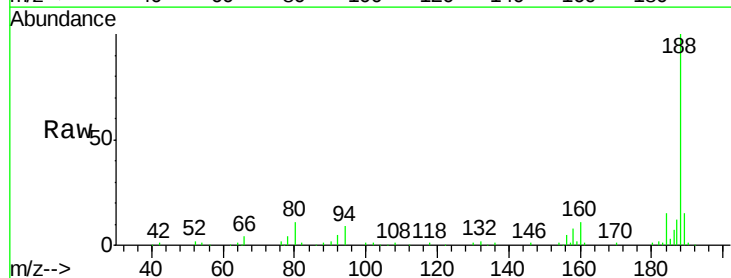


Abundance Ion 165.00 (164.70 to 165.70): E

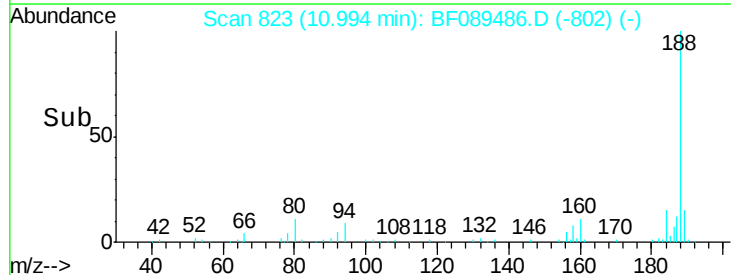
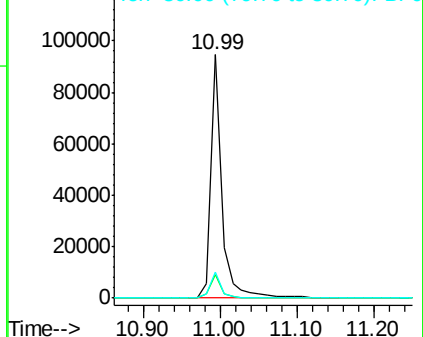


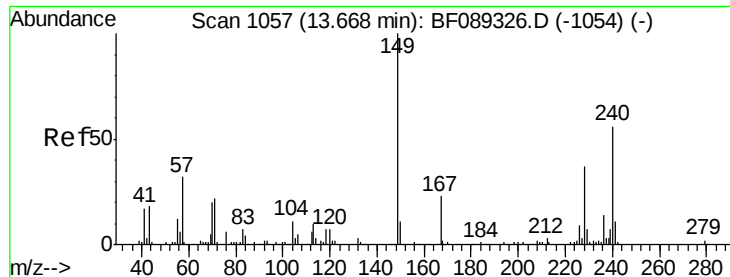
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Tgt Ion:188 Resp: 94015
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.5 9.7
 80 10.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Instrument :

BNA_F

ClientSampleId :

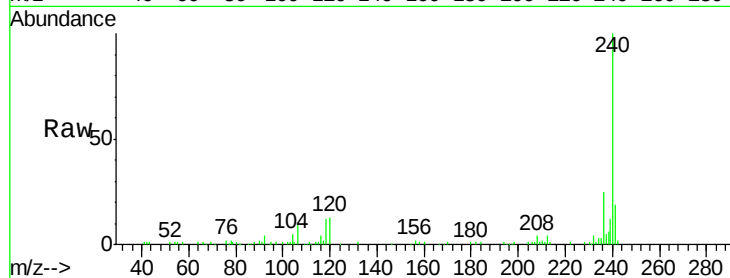
Tot Ion:240 Resp: 95628

Ion Ratio Lower Upper

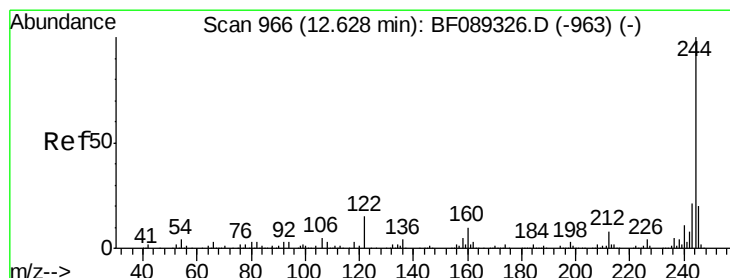
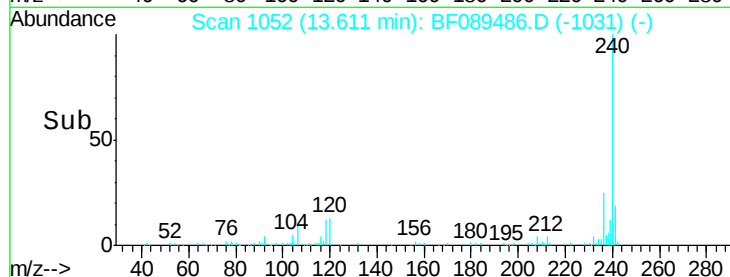
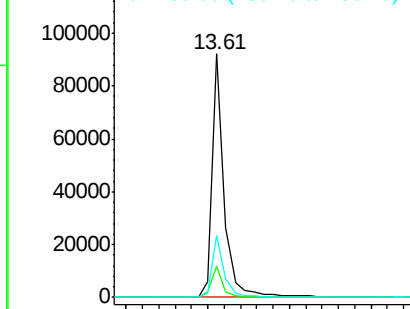
240 100

120 12.6 9.1 13.7

236 25.2 20.6 30.8



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: 5.16 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

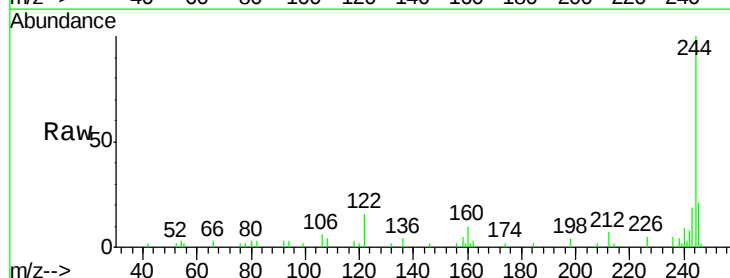
Tgt Ion:244 Resp: 21085

Ion Ratio Lower Upper

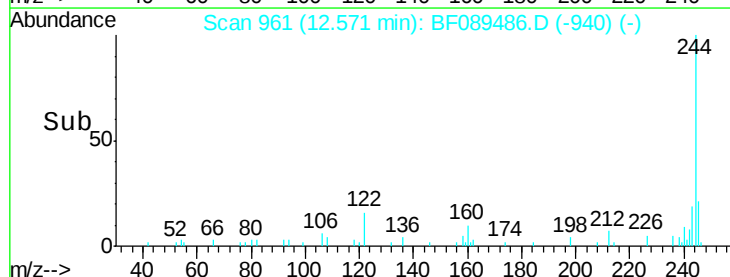
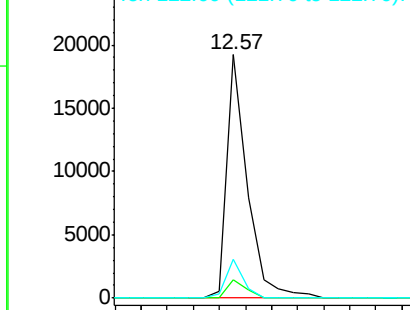
244 100

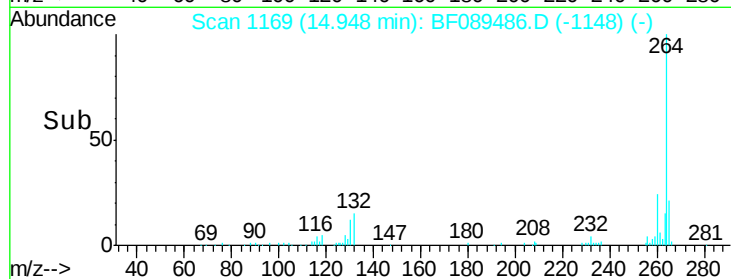
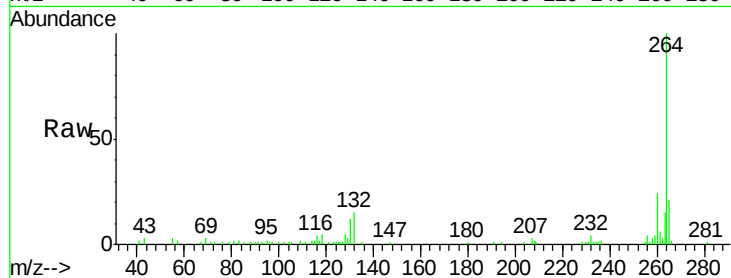
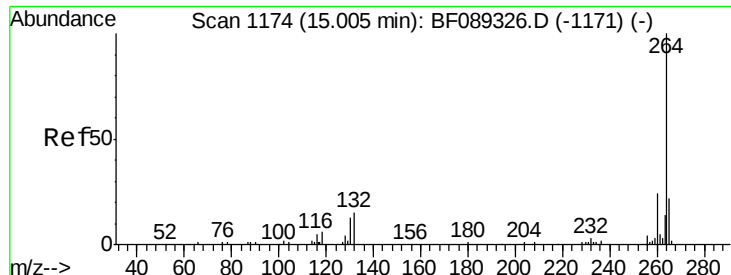
212 7.4 6.5 9.7

122 15.8 11.4 17.0



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: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.4	17.5	26.3

