

Data Path : Z:\HPCHEM1\BNA F\Data\BF052916\
 Data File : BF087579.D
 Acq On : 31 May 2016 7:54
 Operator : UM/SJ
 Sample : H3323-04
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 14:23:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

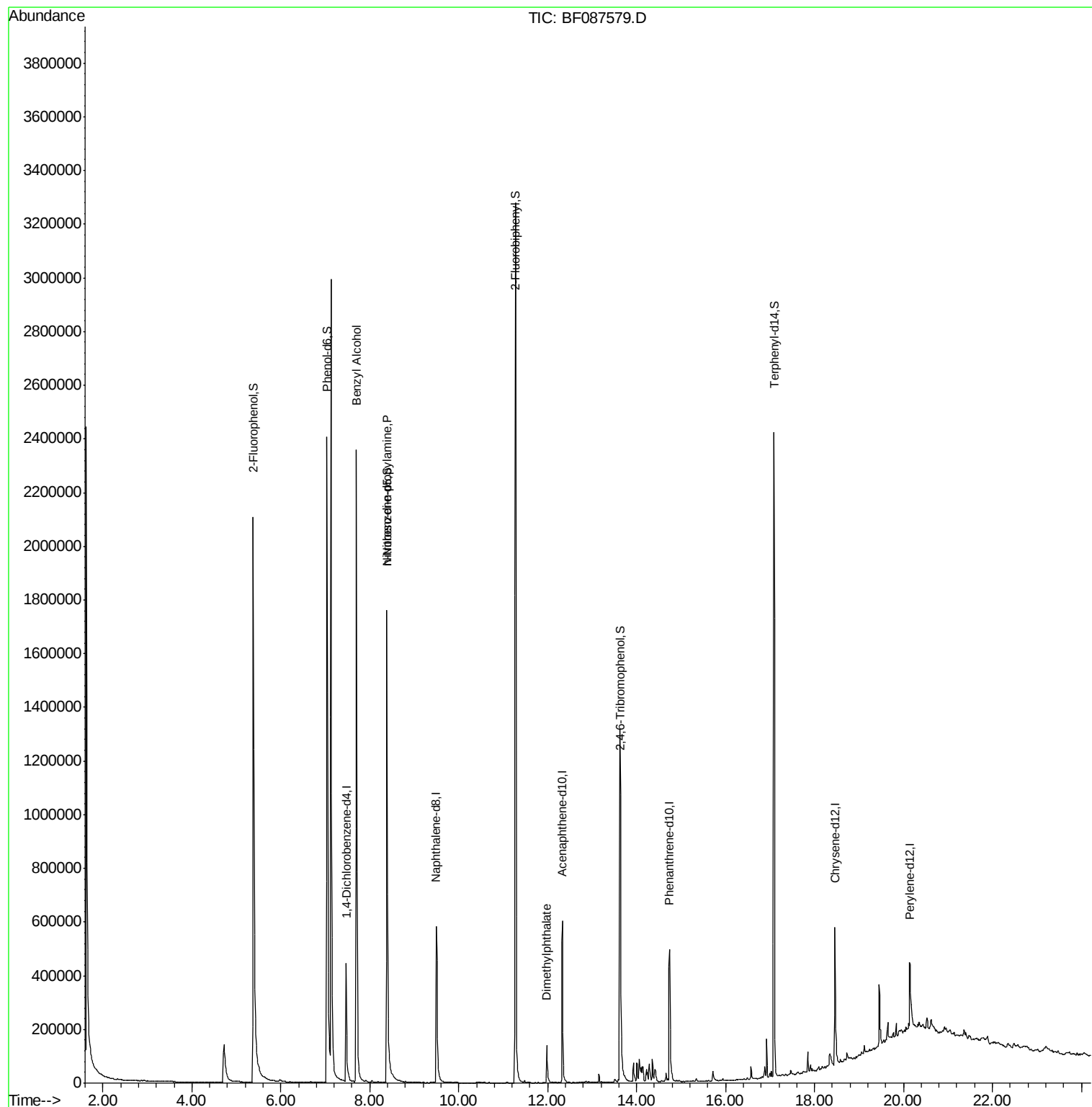
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	116743	20.00	ng	-0.05
21) Naphthalene-d8	9.50	136	467680	20.00	ng	-0.06
38) Acenaphthene-d10	12.33	164	198870	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	332234	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	250501	20.00	ng	-0.02
86) Perylene-d12	20.15	264	191255	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	920466	138.54	ng	-0.03
7) Phenol-d6	7.04	99	1247137	138.92	ng	-0.03
23) Nitrobenzene-d5	8.39	82	826610	89.08	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	234326	122.61	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1342664	95.18	ng	-0.06
78) Terphenyl-d14	17.09	244	1010131	85.73	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	15710	2.40	ng	# 44
19) n-Nitroso-di-n-propylamine	8.39	70	107230	16.02	ng	# 73
49) Dimethylphthalate	11.98	163	96205	6.04	ng	99

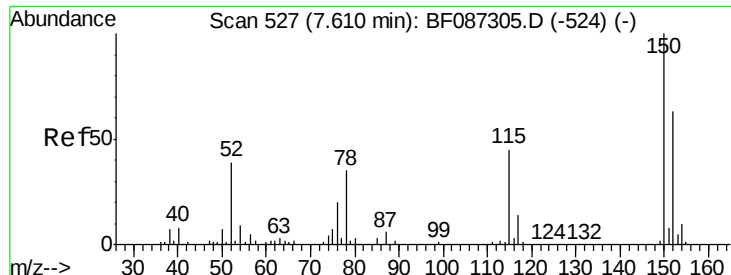
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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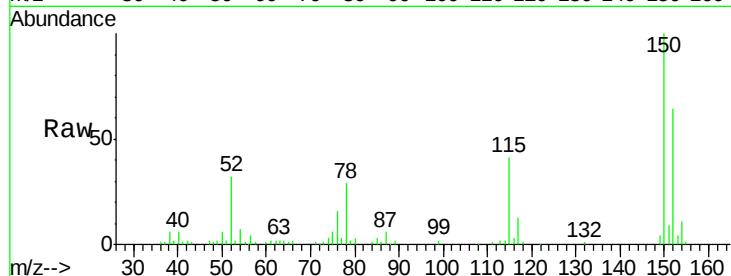


#1

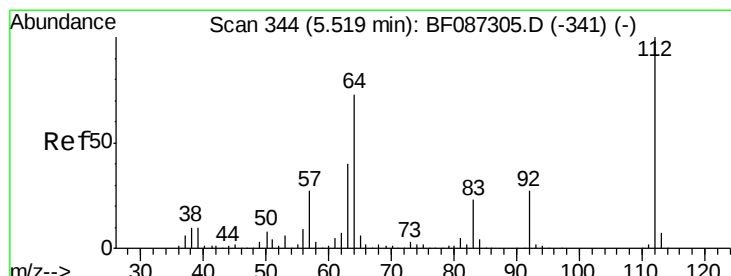
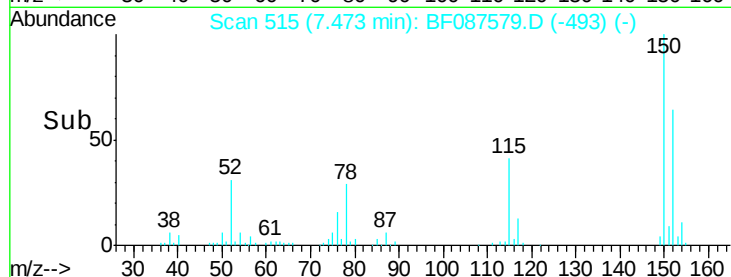
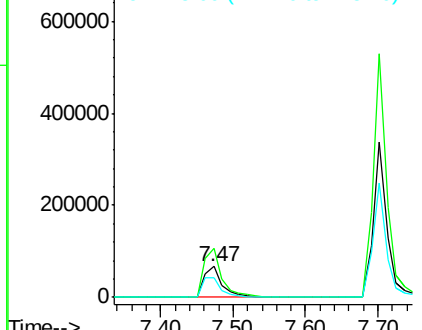
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087579.D
Acq: 31 May 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116743
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 64.0 51.5 77.3



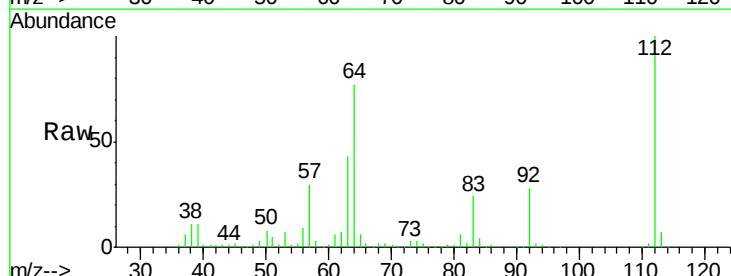
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



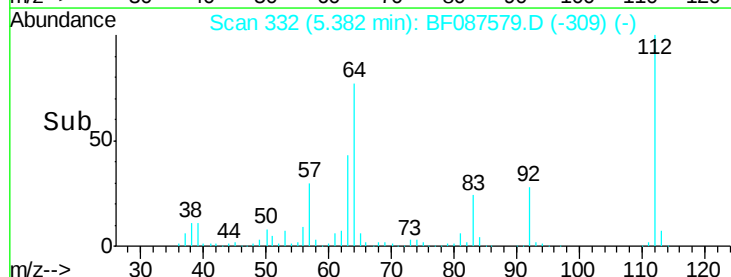
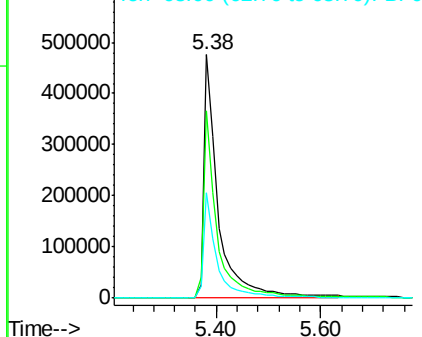
#5

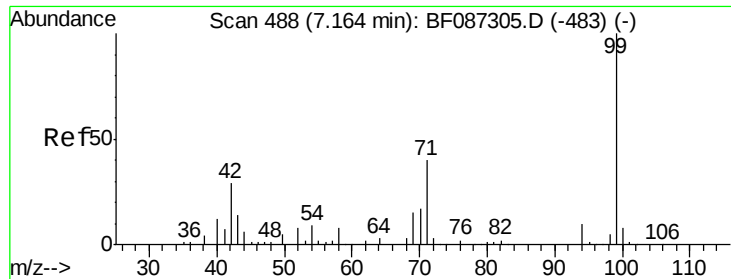
2-Fluorophenol
Concen: 138.54 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087579.D
Acq: 31 May 2016 7:54

Tgt Ion:112 Resp: 920466
Ion Ratio Lower Upper
112 100
64 77.0 52.1 78.1
63 43.5 25.7 38.5#



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: 138.92 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

Instrument :

BNA_F

ClientSampled :

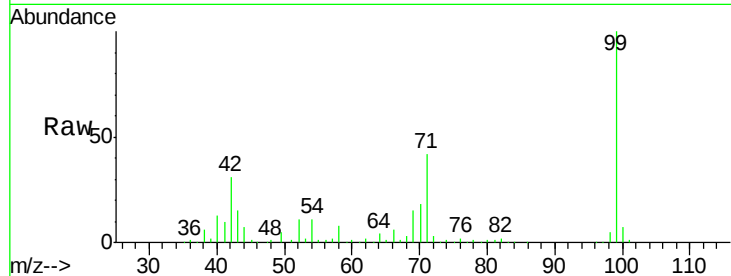
Tot Ion: 99 Resp: 1247137

Ion Ratio Lower Upper

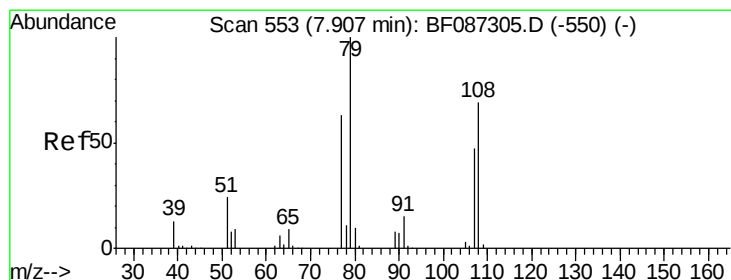
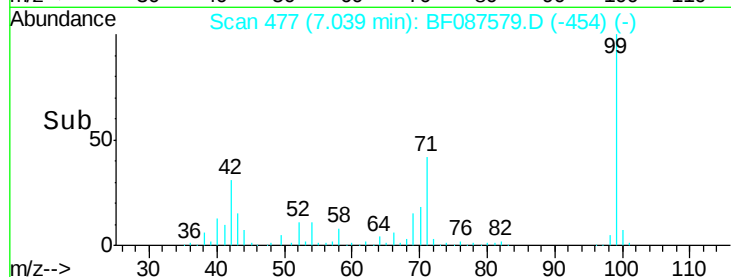
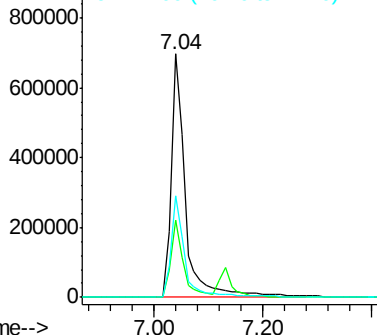
99 100

42 31.5 13.6 20.4#

71 41.8 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

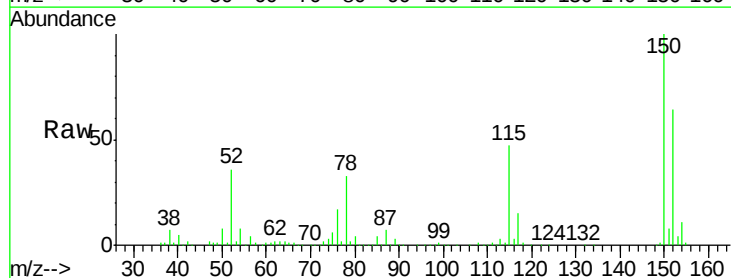
Tgt Ion: 79 Resp: 15710

Ion Ratio Lower Upper

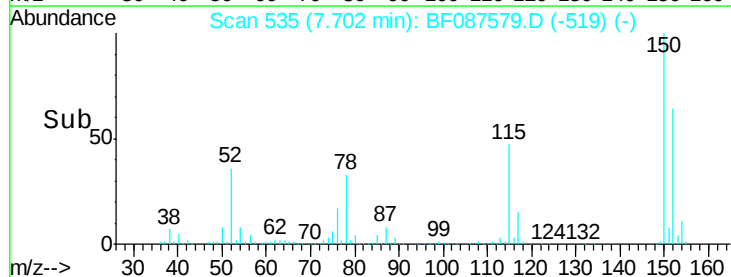
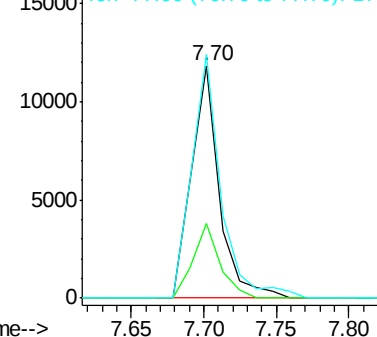
79 100

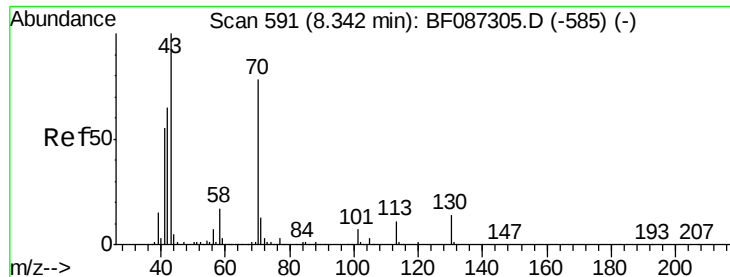
108 32.2 68.4 102.6#

77 104.7 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

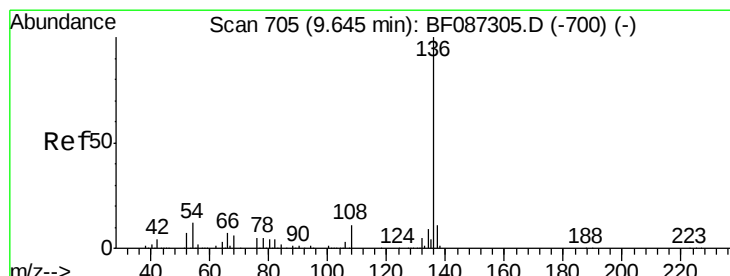
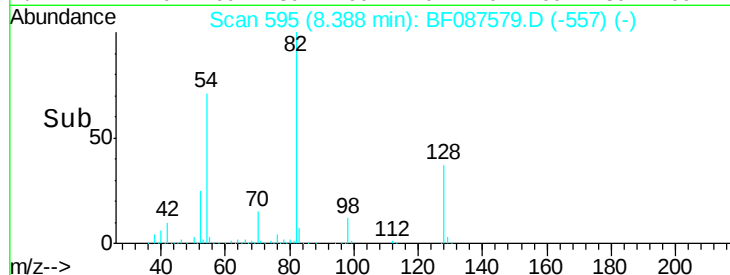
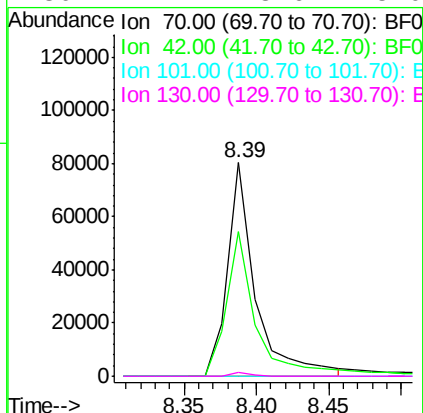
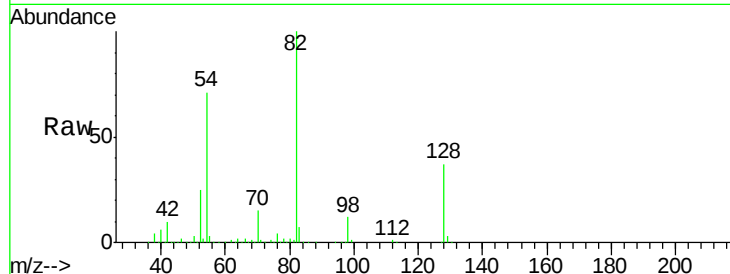




#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087579.D
Acq: 31 May 2016 7:54

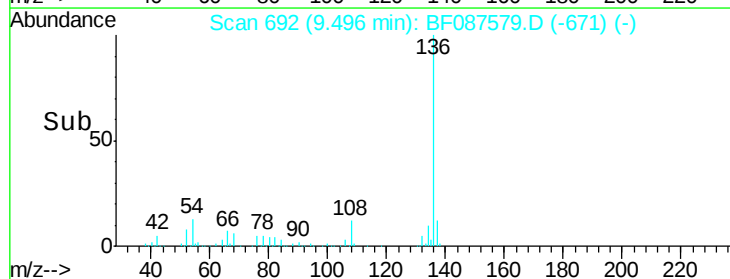
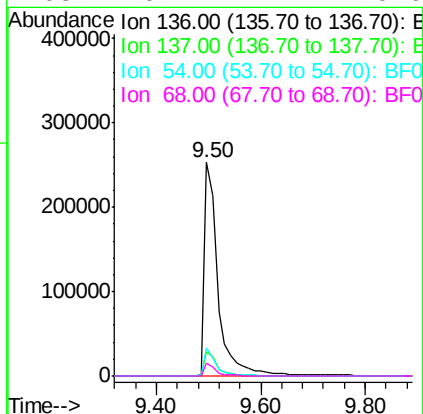
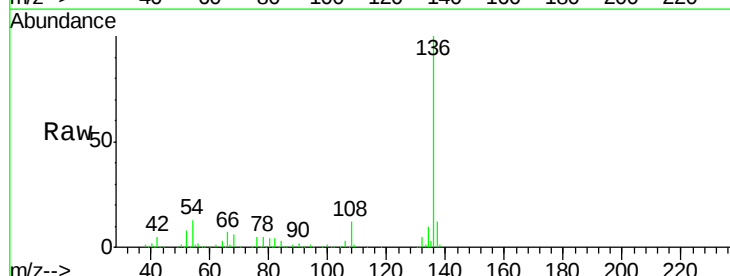
Instrument :
BNA_F
ClientSampleId :

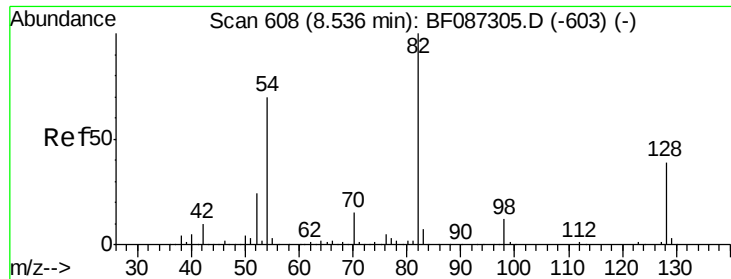
Tot Ion: 70 Resp: 107230
Ion Ratio Lower Upper
70 100
42 67.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.06 min
Lab File: BF087579.D
Acq: 31 May 2016 7:54

Tgt Ion:136 Resp: 467680
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 13.3 5.0 7.4#
68 6.2 4.4 6.6

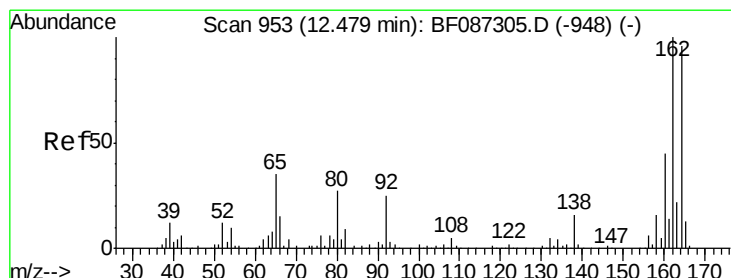
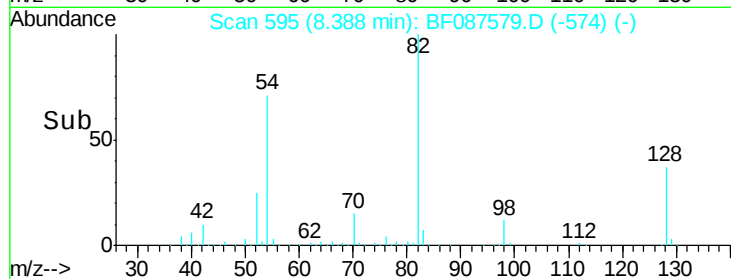
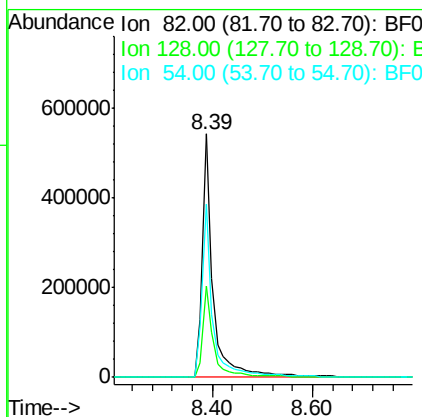
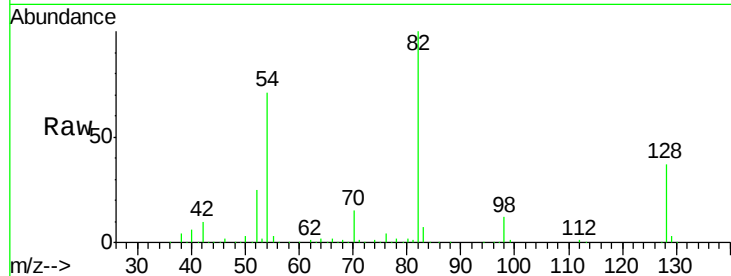




#23
 Nitrobenzene-d5
 Concen: 89.08 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087579.D
 Acq: 31 May 2016 7:54

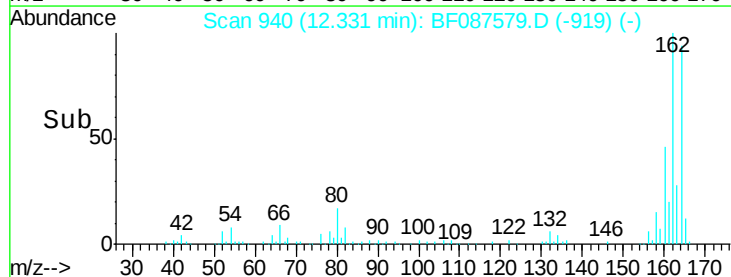
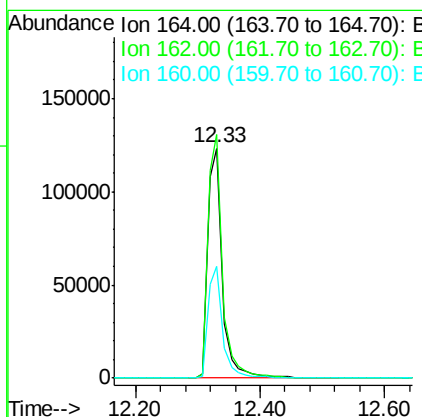
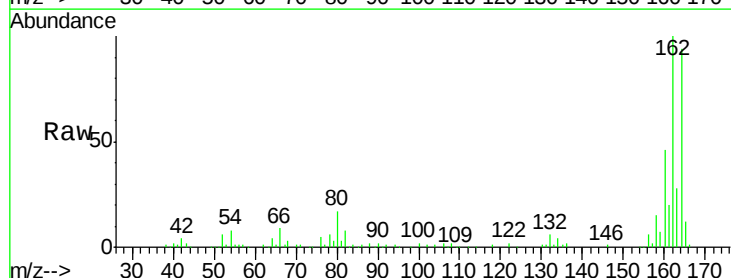
Instrument :
 BNA_F
 ClientSampleId :

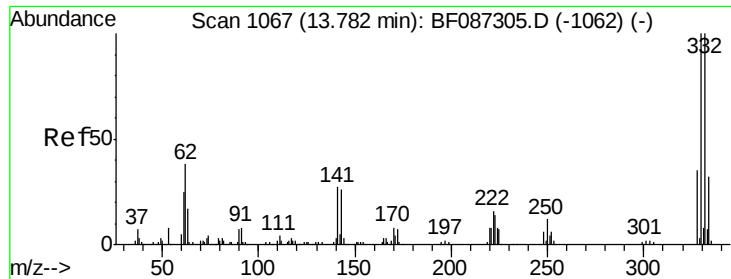
Tot Ion: 82 Resp: 826610
 Ion Ratio Lower Upper
 82 100
 128 37.3 40.6 61.0#
 54 70.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087579.D
 Acq: 31 May 2016 7:54

Tgt Ion: 164 Resp: 198870
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.8 124.2
 160 48.5 36.9 55.3

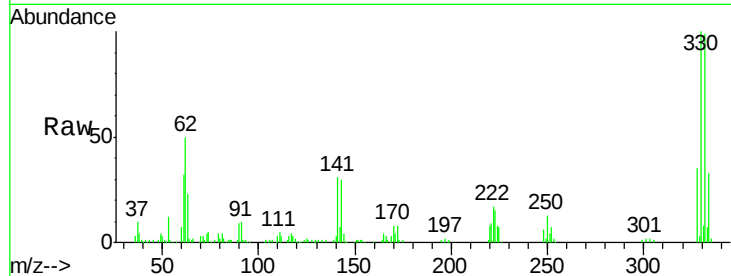




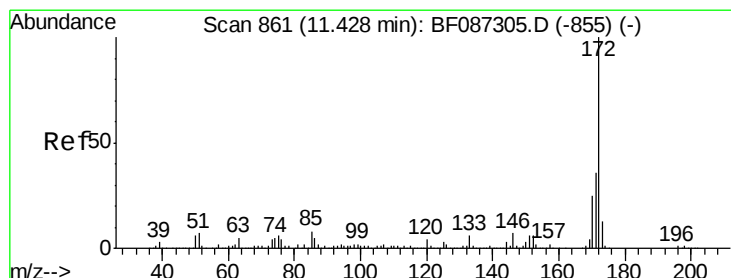
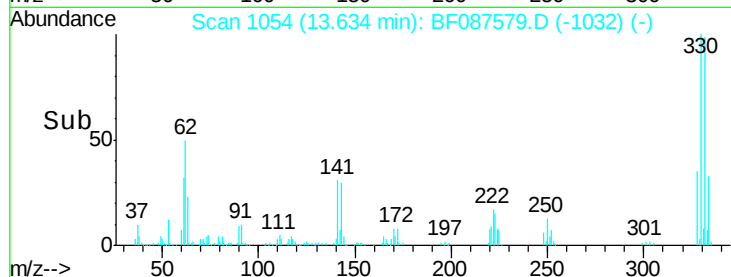
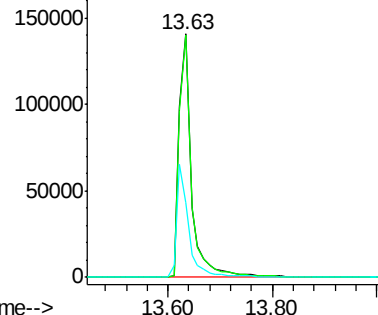
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087579.D
 Acq: 31 May 2016 7:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	79.0	118.4
141	44.7	31.2	46.8

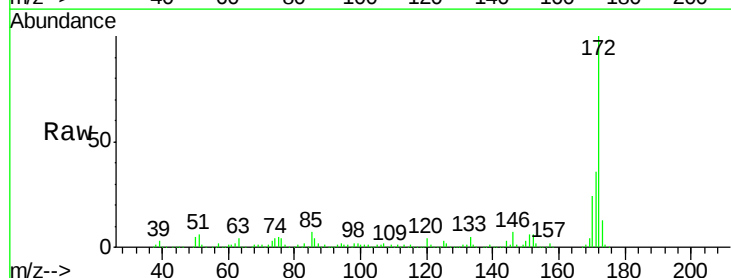


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

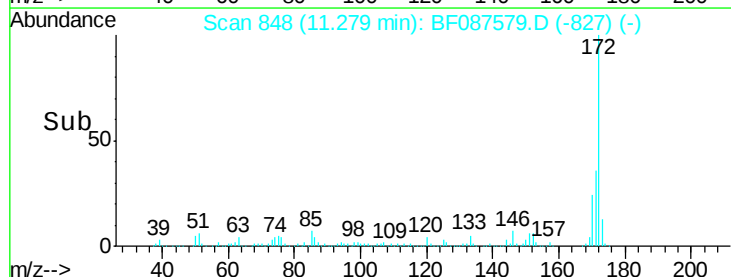
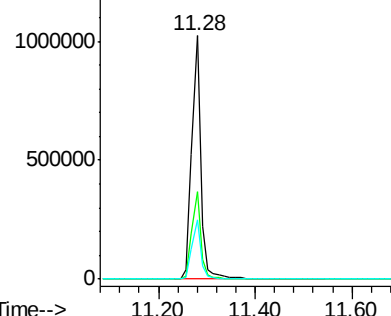


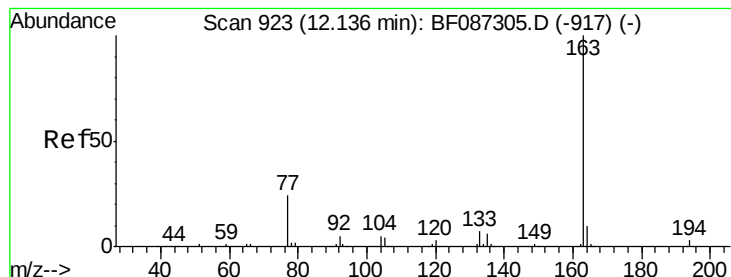
#44
 2-Fluorobiphenyl
 Concen: 95.18 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087579.D
 Acq: 31 May 2016 7:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	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: 6.04 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.07 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

Instrument :

BNA_F

ClientSampled :

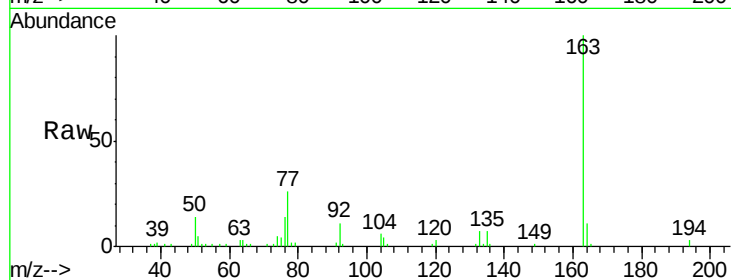
Tot Ion:163 Resp: 96205

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

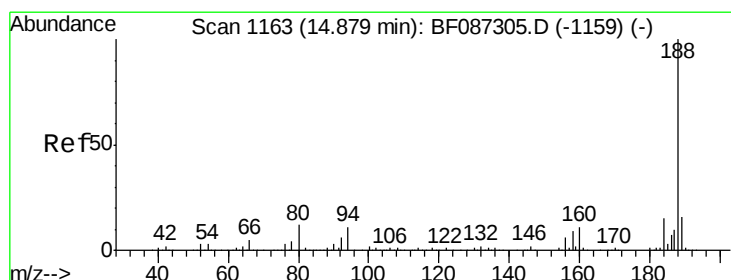
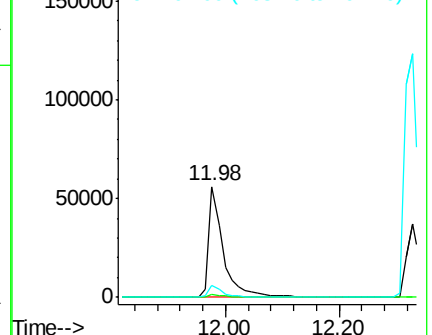
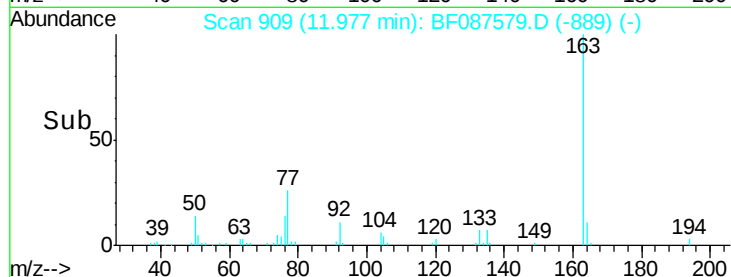
164 10.6 8.2 12.4



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: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

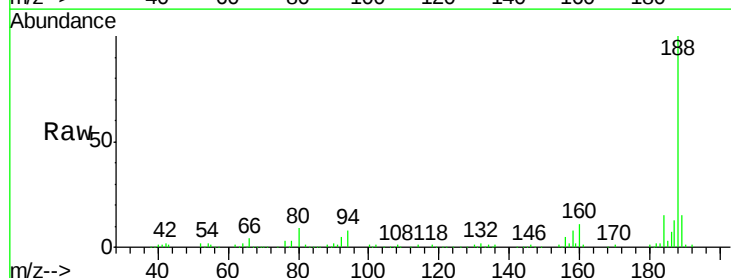
Tgt Ion:188 Resp: 332234

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

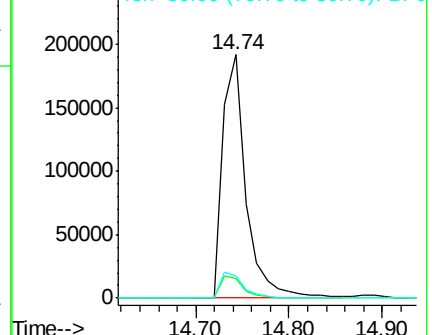
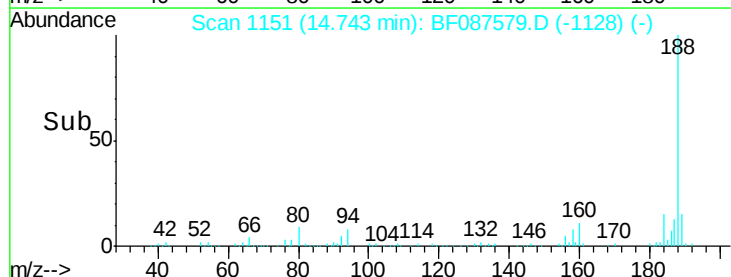
80 9.0 7.1 10.7

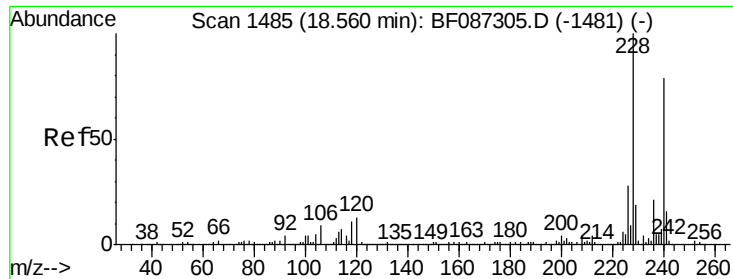


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

Instrument :

BNA_F

ClientSampleId :

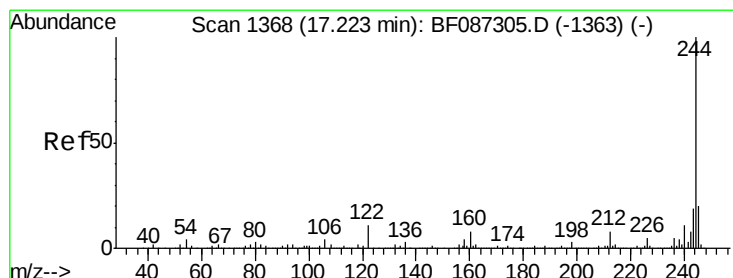
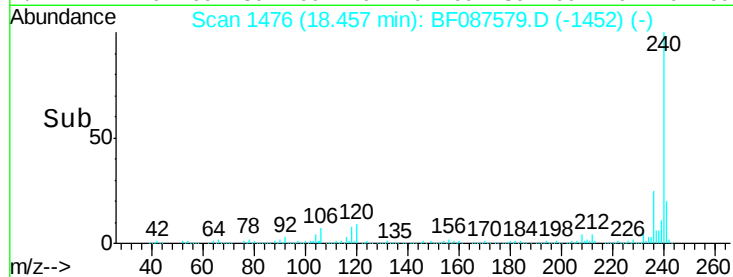
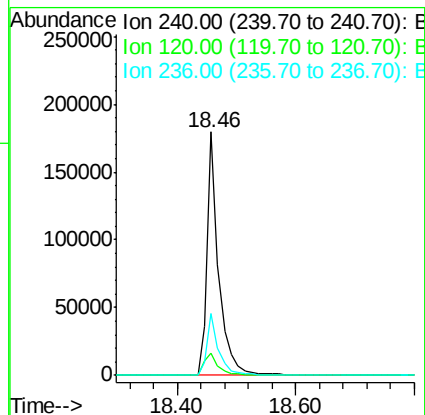
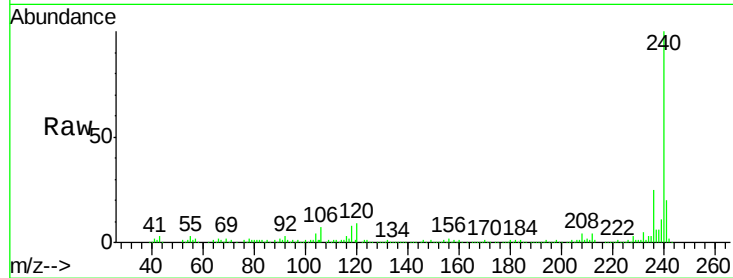
Tot Ion:240 Resp: 250501

Ion Ratio Lower Upper

240 100

120 9.3 11.2 16.8#

236 25.5 21.2 31.8



#78

Terphenyl-d14

Concen: 85.73 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087579.D

Acq: 31 May 2016 7:54

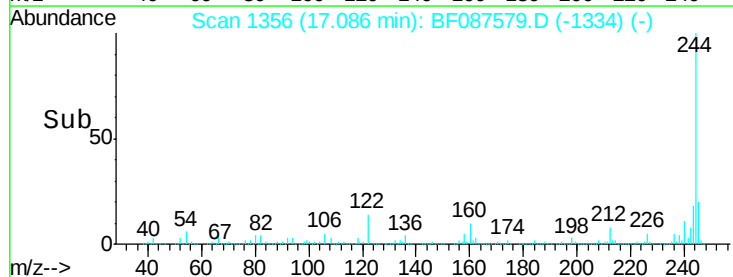
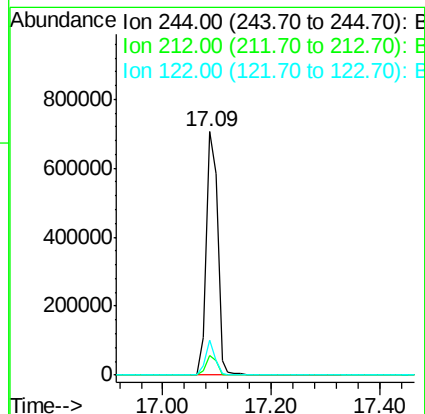
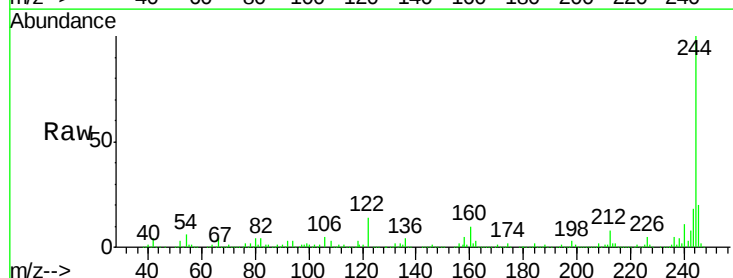
Tgt Ion:244 Resp: 1010131

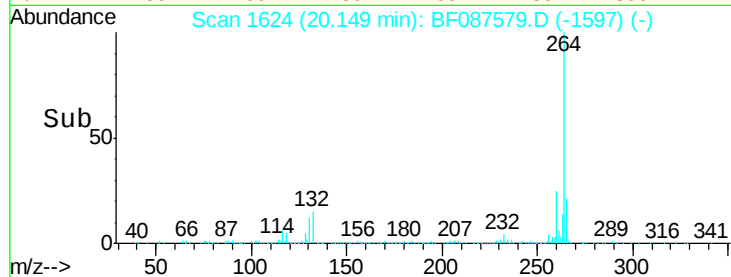
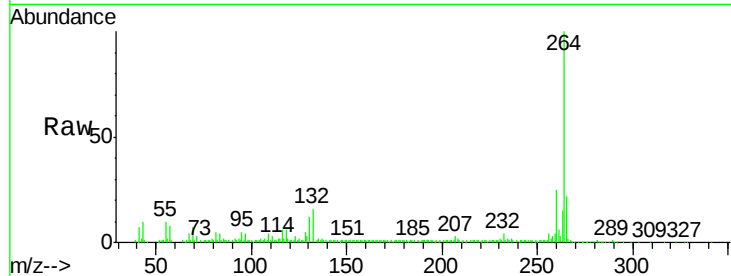
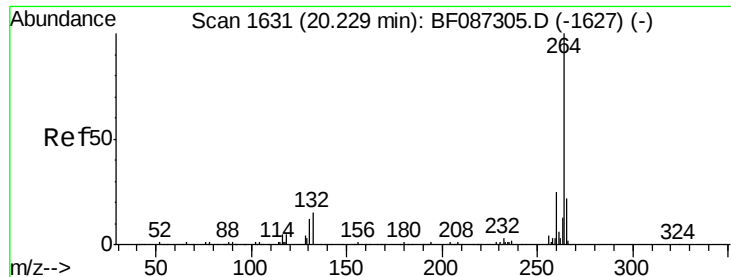
Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

122 14.3 12.0 18.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087579.D
Acq: 31 May 2016 7:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	191255
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.8	17.3	25.9

