

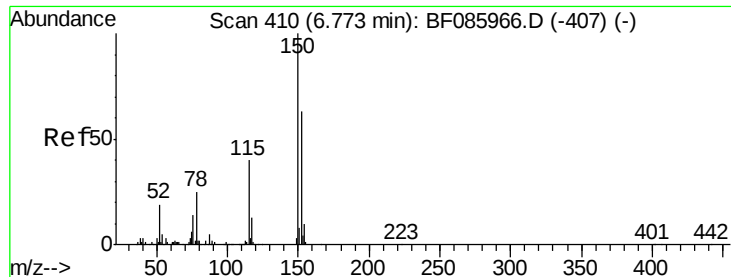
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086019.D
 Acq On : 2 Apr 2016 18:46
 Operator : UM/SJ
 Sample : H2028-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

Quant Time: Apr 04 01:07:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112782	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	499614	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	183956	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	311691	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	177605	20.00	ng	0.01
86) Perylene-d12	15.33	264	216626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	157113	23.81	ng	0.00
7) Phenol-d6	6.42	99	127521	15.22	ng	0.00
23) Nitrobenzene-d5	7.34	82	366984	43.32	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	86895	50.33	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	621383	56.16	ng	0.00
78) Terphenyl-d14	12.88	244	402931	53.33	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	429127	44.89	ng	89
15) Benzyl Alcohol	6.93	79	36766	6.78	ng	90
17) 2-Methylphenol	6.93	107	17105	2.76	ng	# 1
19) n-Nitroso-di-n-propylamine	7.18	70	20169	3.88	ng	# 78
20) 3+4-Methylphenols	7.20	107	291322	38.61	ng	# 56
22) Acetophenone	7.18	105	91257	7.77	ng	# 95
24) Nitrobenzene	7.32	77	20244	2.18	ng	# 47
27) 2,4-Dimethylphenol	7.53	122	32248	4.05	ng	# 4
32) Benzoic acid	7.94	122	222304	38.05	ng	97
49) Dimethylphthalate	9.53	163	121169	8.89	ng	99
53) 2,4-Dinitrophenol	9.81	184	213	2.13	ng	# 1
68) Atrazine	11.02	200	6404	2.03	ng	# 56
83) Bis(2-ethylhexyl)phthalate	13.92	149	1765964	236.11	ng	# 96

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

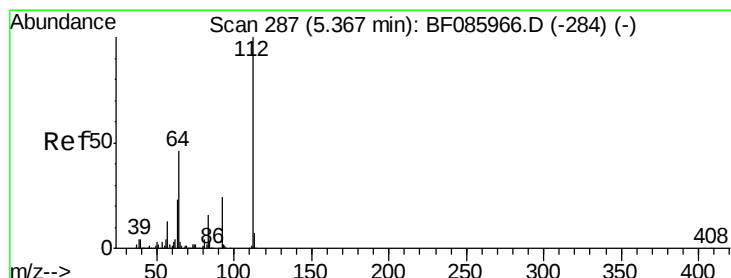
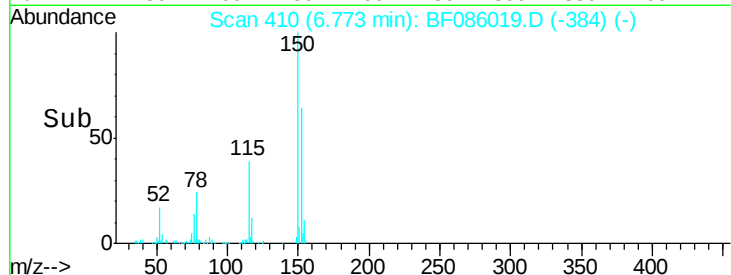
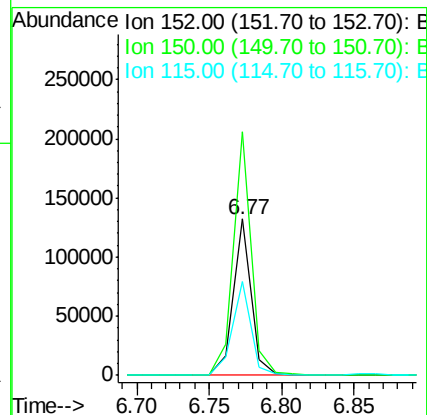
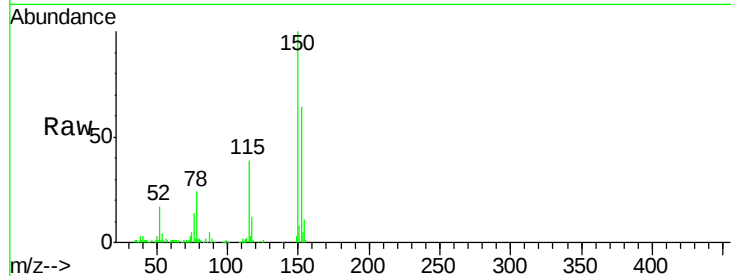


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
W3DAY1

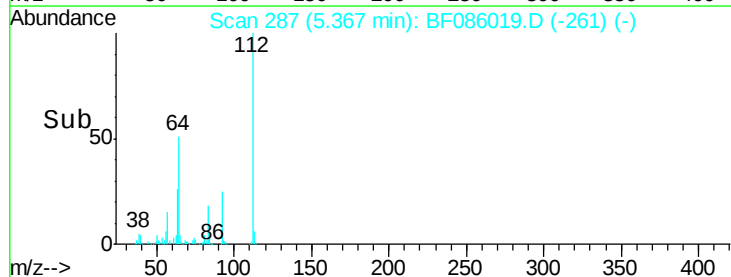
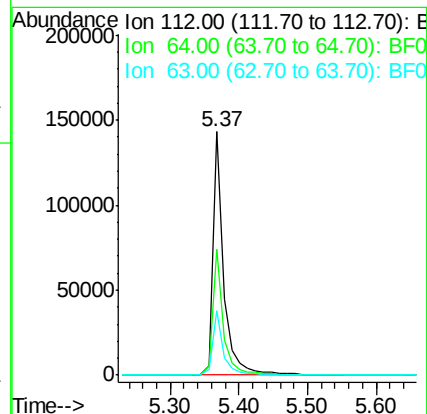
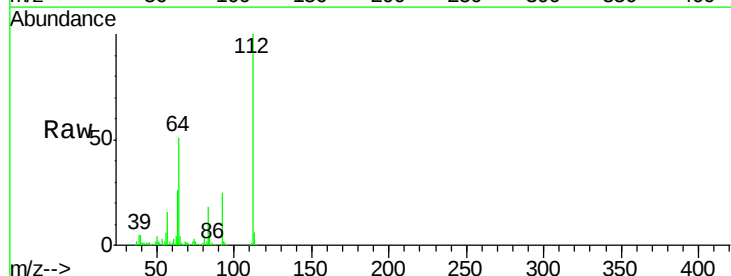
Tgt Ion:152 Resp: 112782
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 60.1 47.0 70.6

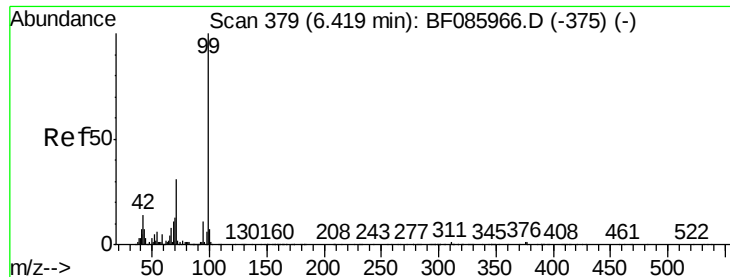


#5

2-Fluorophenol
Concen: 23.81 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Tgt Ion:112 Resp: 157113
Ion Ratio Lower Upper
112 100
64 51.5 39.9 59.9
63 26.2 20.2 30.2





#7

Phenol-d6

Concen: 15.22 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

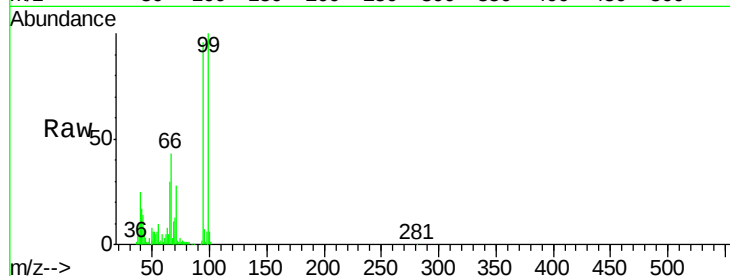
Tgt Ion: 99 Resp: 127521

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

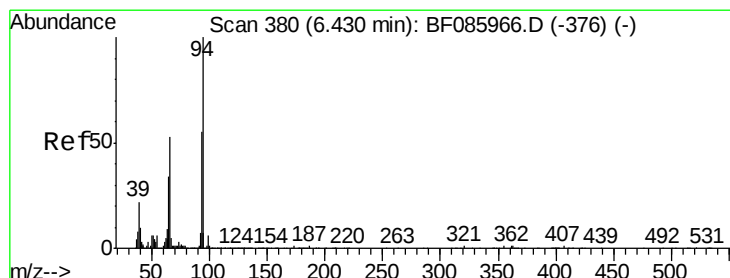
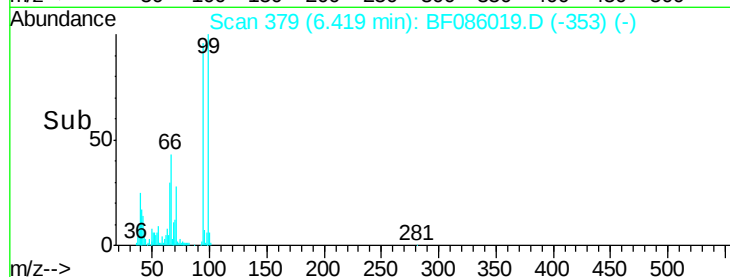
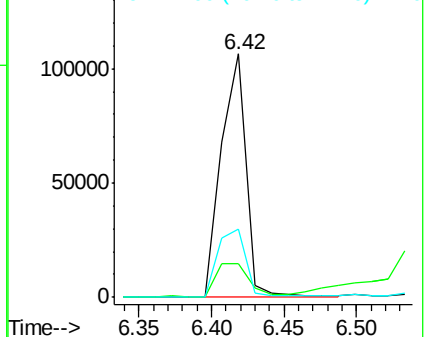
71 28.0 24.9 37.3



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



#10

Phenol

Concen: 44.89 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

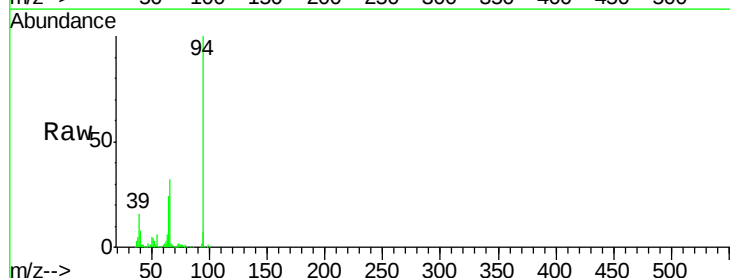
Tgt Ion: 94 Resp: 429127

Ion Ratio Lower Upper

94 100

65 24.3 8.6 48.6

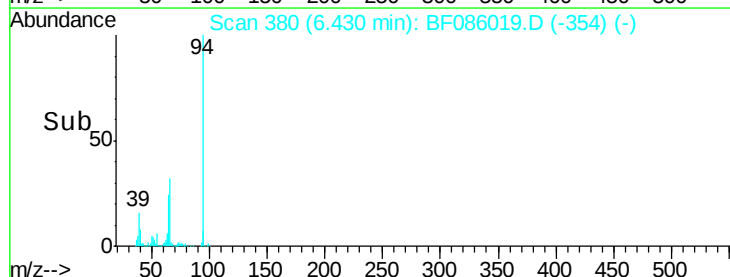
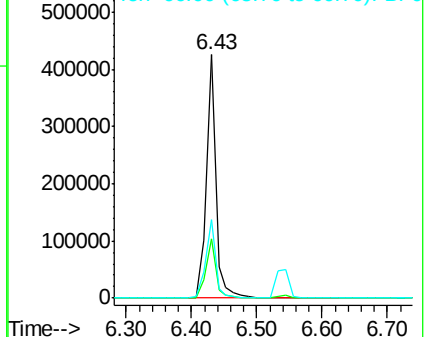
66 32.3 20.0 60.0

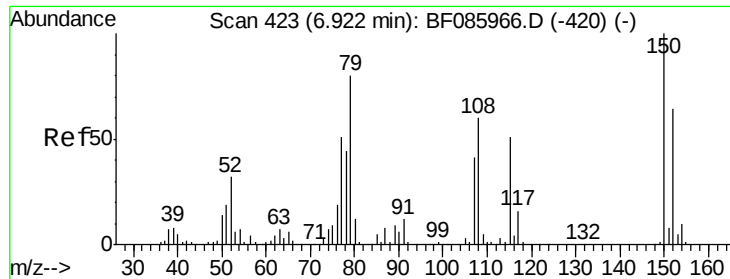


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 6.78 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

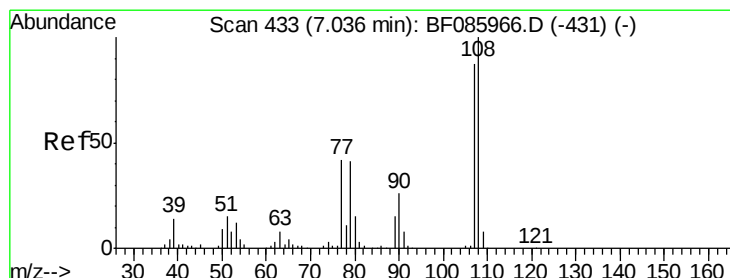
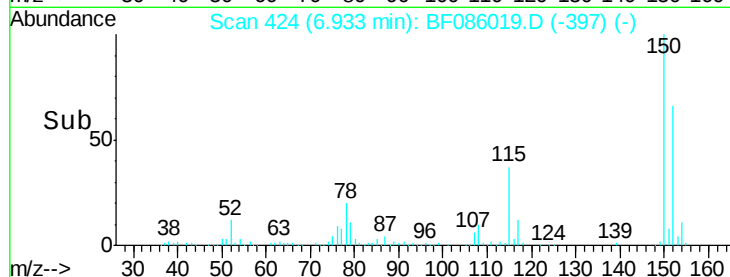
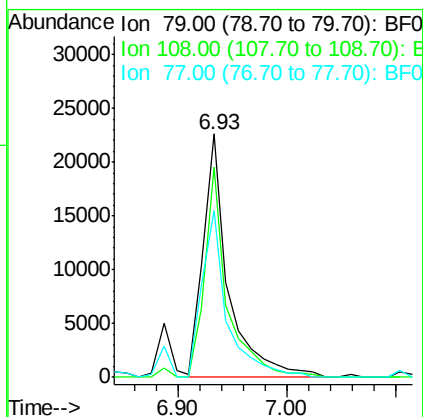
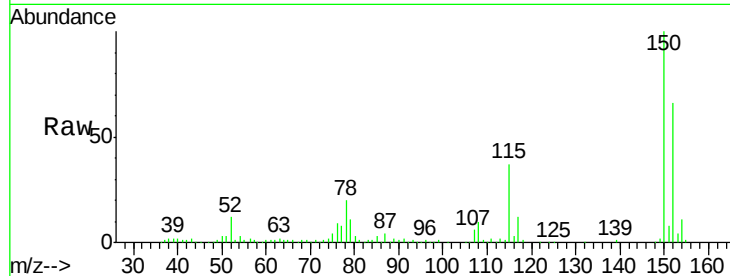
Tgt Ion: 79 Resp: 36766

Ion Ratio Lower Upper

79 100

108 86.2 61.8 92.6

77 68.5 49.6 74.4



#17

2-Methylphenol

Concen: 2.76 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.10 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Tgt Ion: 107 Resp: 17105

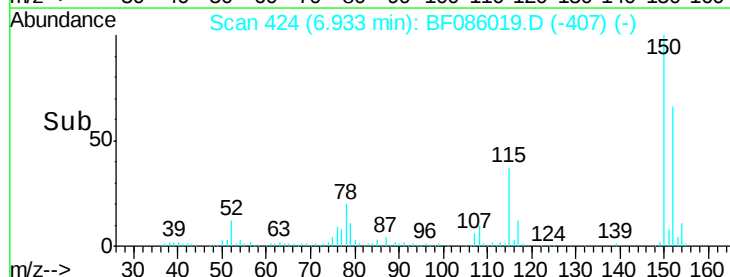
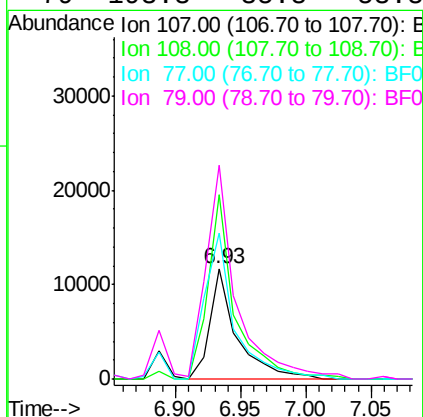
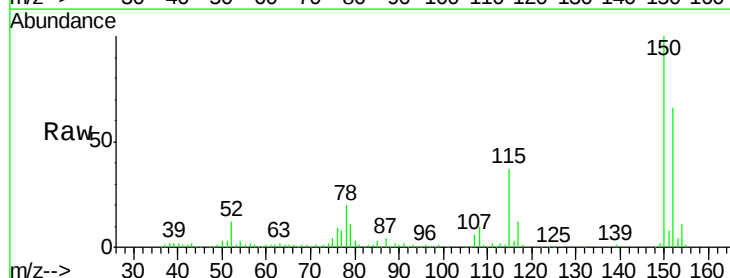
Ion Ratio Lower Upper

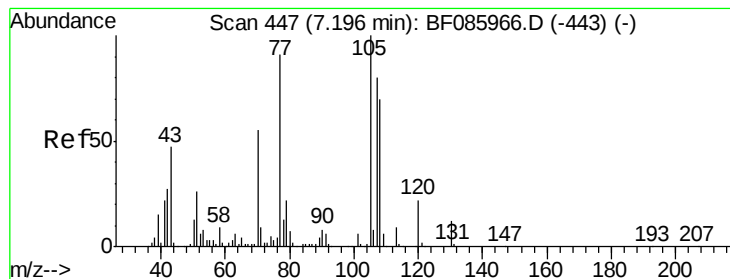
107 100

108 166.7 91.4 137.0#

77 132.4 36.2 54.2#

79 193.3 35.8 53.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.88 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

Tgt Ion: 70 Resp: 20169

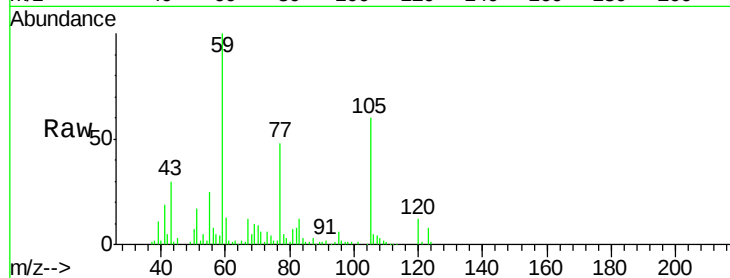
Ion Ratio Lower Upper

70 100

42 54.9 37.1 55.7

101 11.5 8.6 12.8

130 0.0 19.6 29.4#

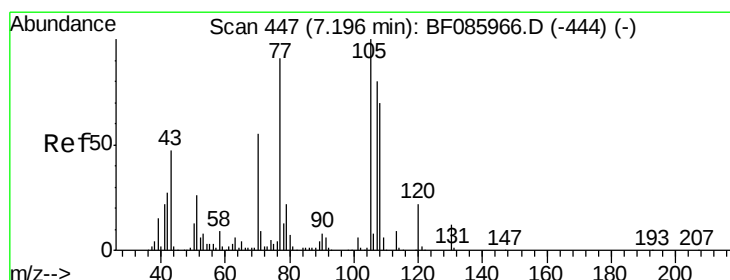
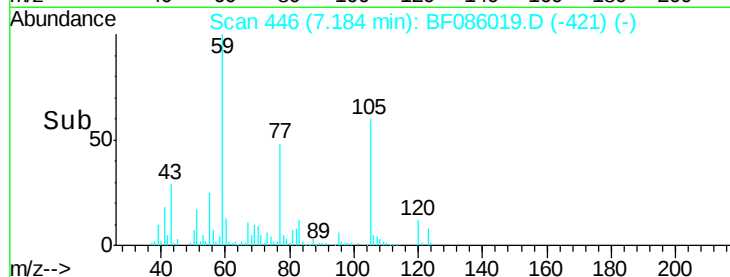
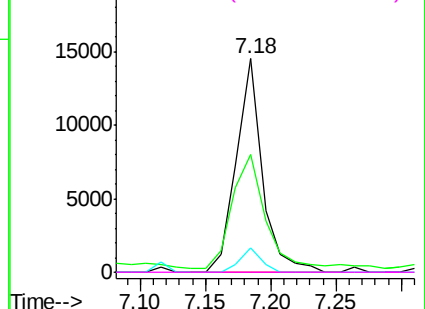


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.61 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Tgt Ion: 107 Resp: 291322

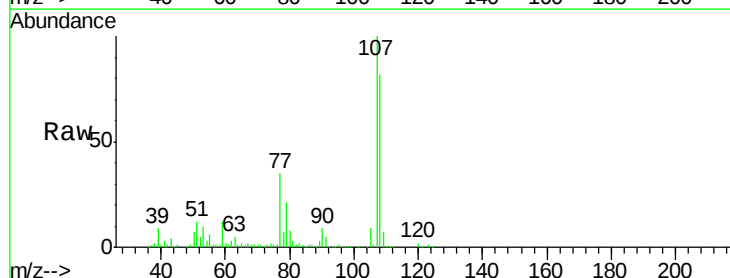
Ion Ratio Lower Upper

107 100

108 82.1 69.3 109.3

77 35.1 101.7 141.7#

79 21.1 8.3 48.3

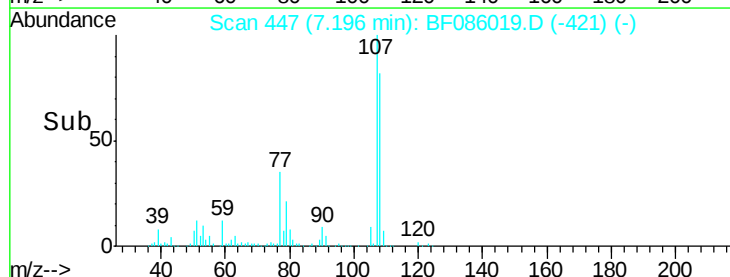
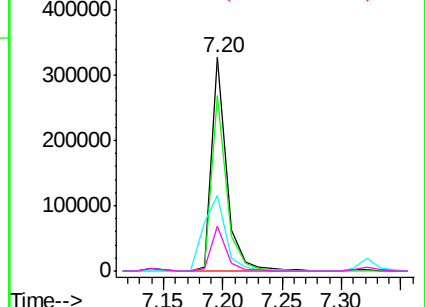


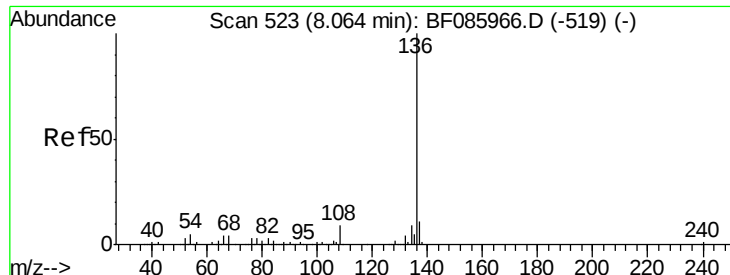
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

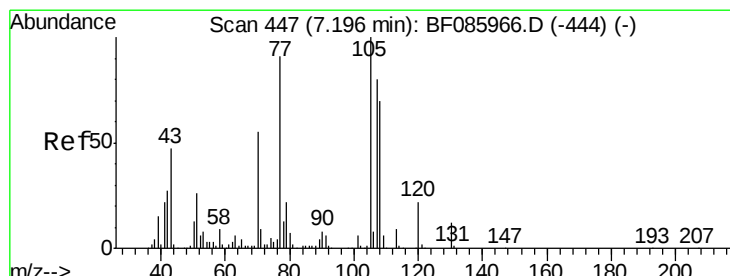
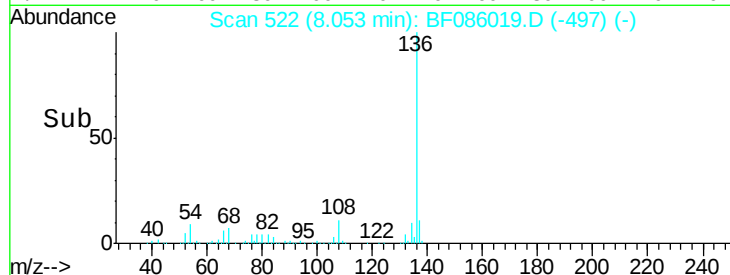
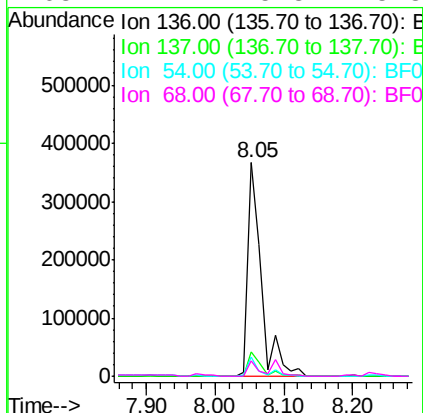
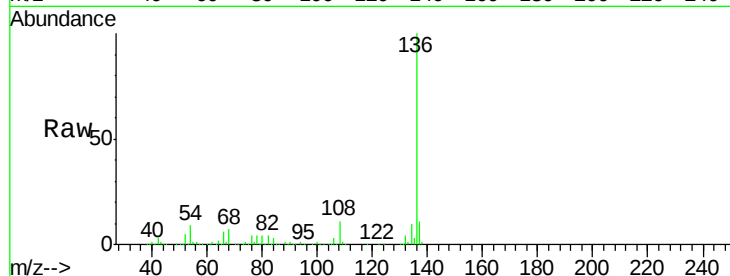




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

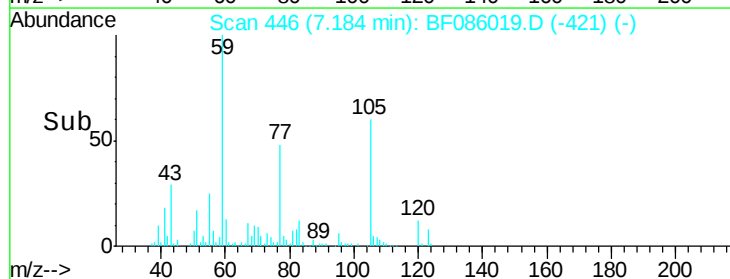
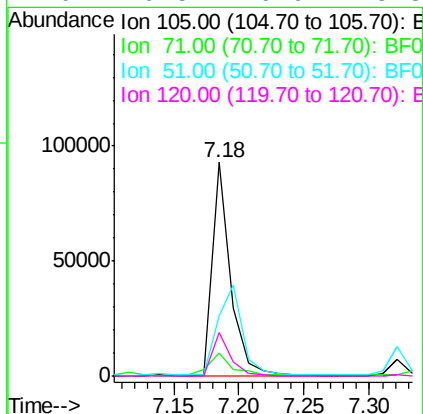
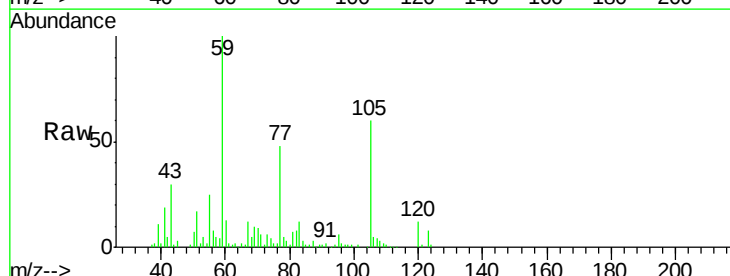
Instrument :
BNA_F
ClientSampled :
W3DAY1

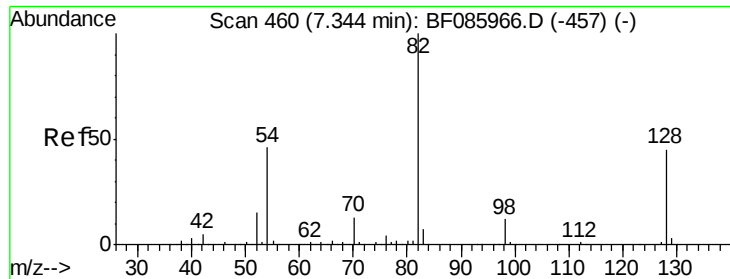
Tgt Ion:	136	Resp:	499614
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	7.4	11.0
68	7.2	5.8	8.8



#22
Acetophenone
Concen: 7.77 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Tgt Ion:	105	Resp:	91257
Ion	Ratio	Lower	Upper
105	100		
71	10.8	3.6	5.4#
51	28.2	25.4	38.0
120	20.5	16.9	25.3

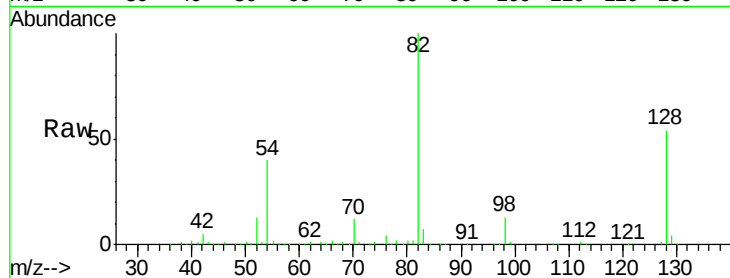




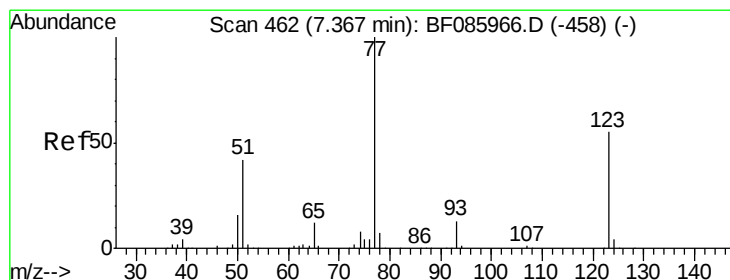
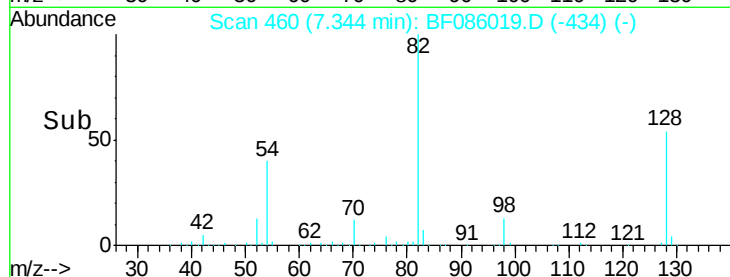
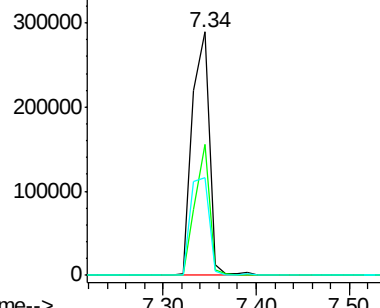
#23
 Nitrobenzene-d5
 Concen: 43.32 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086019.D
 Acq: 2 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

Tgt Ion: 82 Resp: 366984
 Ion Ratio Lower Upper
 82 100
 128 53.6 41.8 62.8
 54 40.2 33.4 50.0

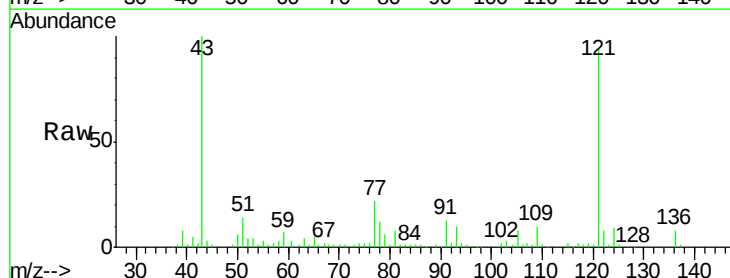


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

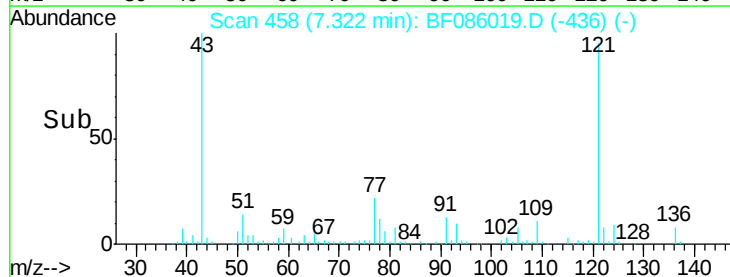
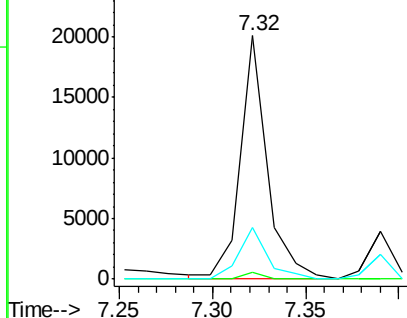


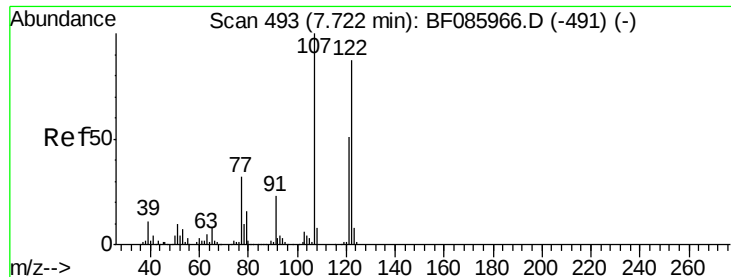
#24
 Nitrobenzene
 Concen: 2.18 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086019.D
 Acq: 2 Apr 2016 18:46

Tgt Ion: 77 Resp: 20244
 Ion Ratio Lower Upper
 77 100
 123 2.7 35.0 52.4#
 65 21.1 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 4.05 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.19 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

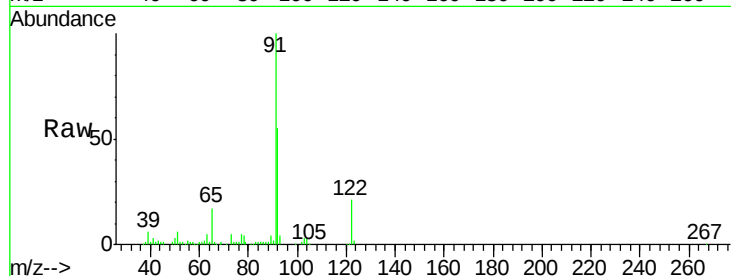
Tgt Ion:122 Resp: 32248

Ion Ratio Lower Upper

122 100

107 0.0 93.0 139.6#

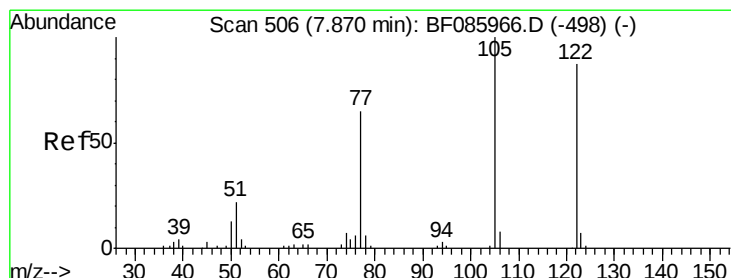
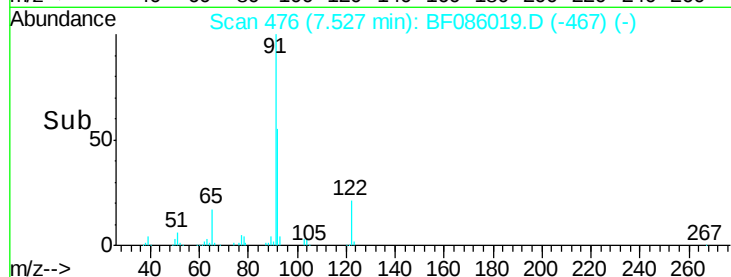
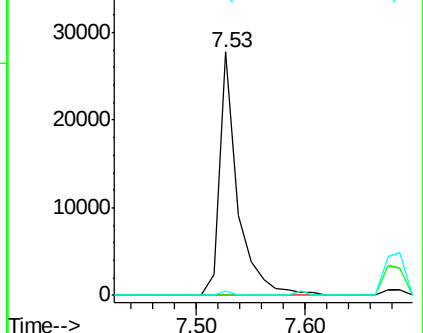
121 1.7 45.9 68.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 38.05 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.07 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

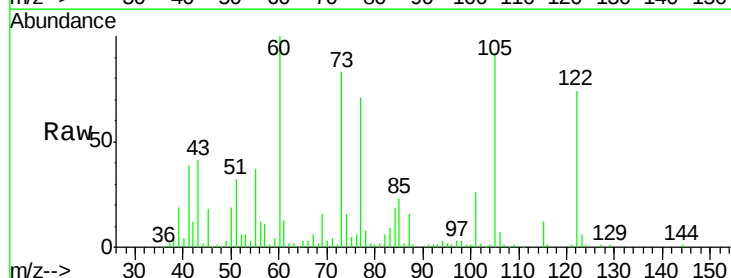
Tgt Ion:122 Resp: 222304

Ion Ratio Lower Upper

122 100

105 124.7 102.9 142.9

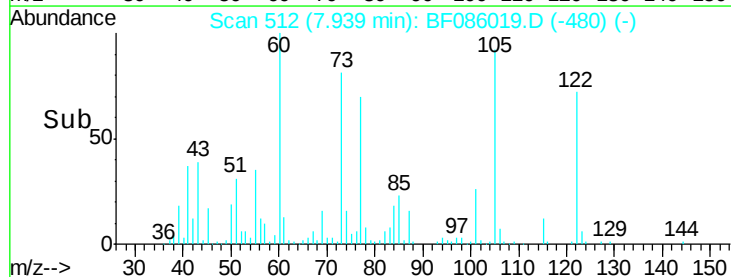
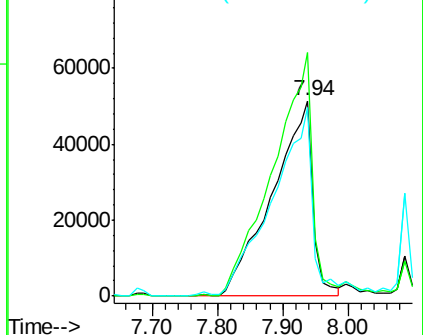
77 96.5 71.8 111.8

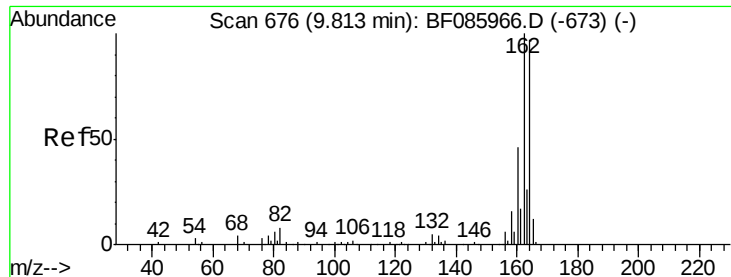


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

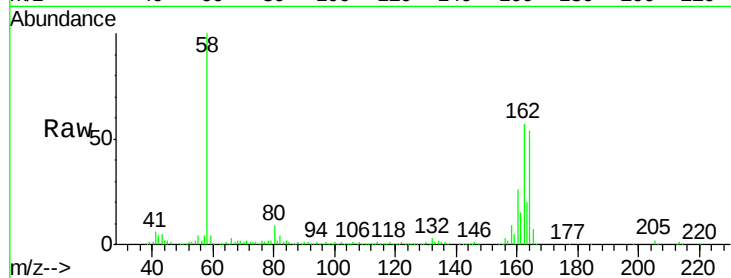
Tgt Ion:164 Resp: 183956

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

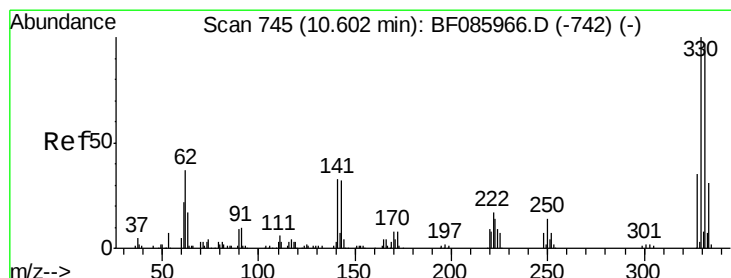
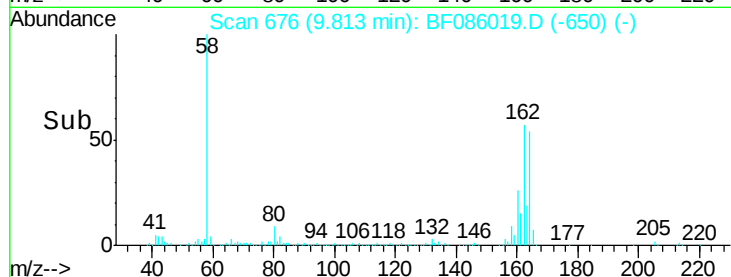
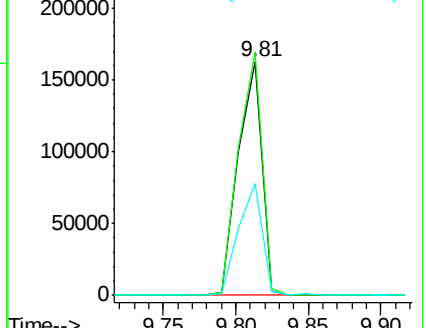
160 48.0 37.4 56.2



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: 50.33 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

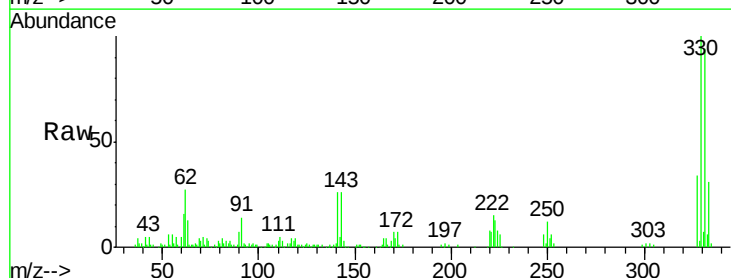
Tgt Ion:330 Resp: 86895

Ion Ratio Lower Upper

330 100

332 94.7 78.2 117.2

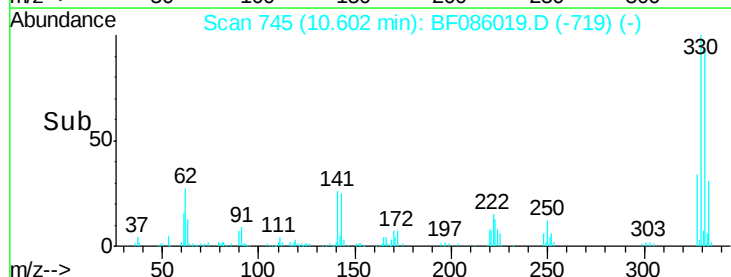
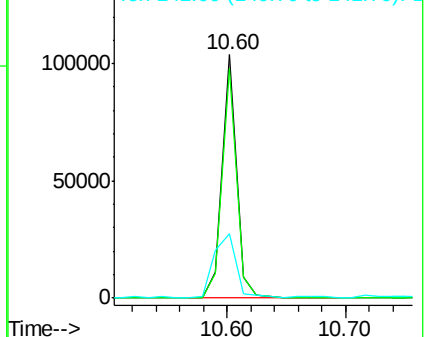
141 42.4 31.5 47.3

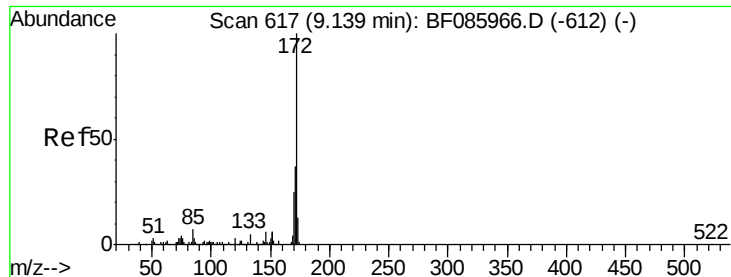


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

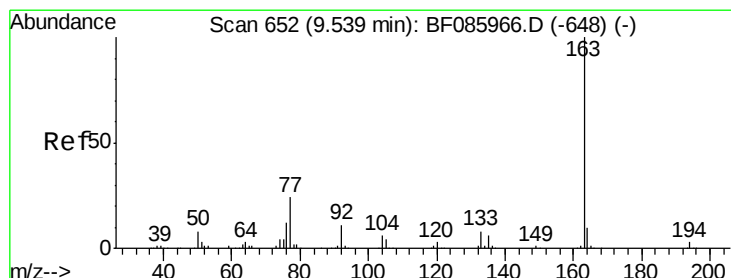
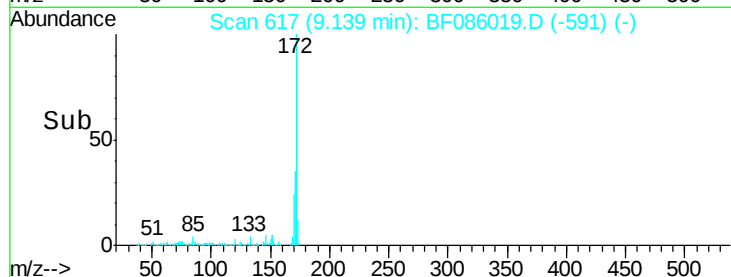
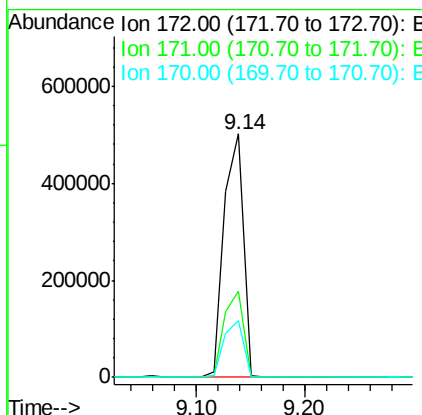
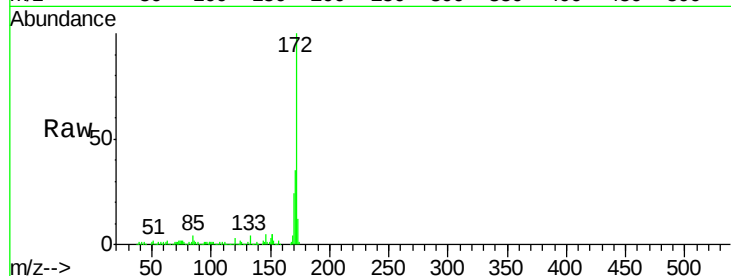




#44
2-Fluorobiphenyl
Concen: 56.16 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

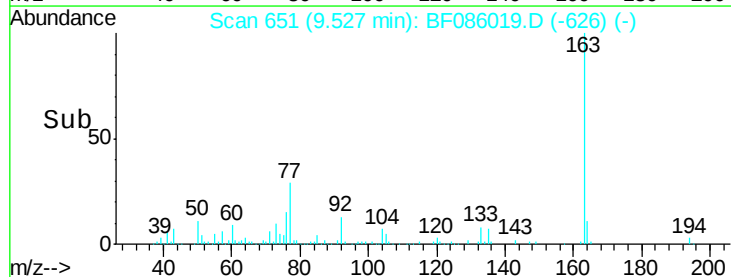
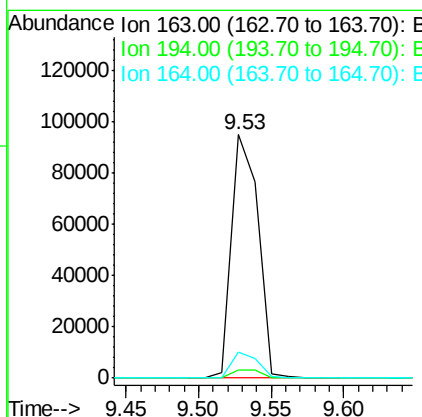
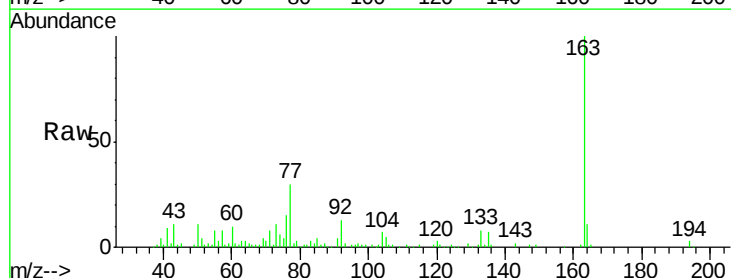
Instrument :
BNA_F
ClientSampleId :
W3DAY1

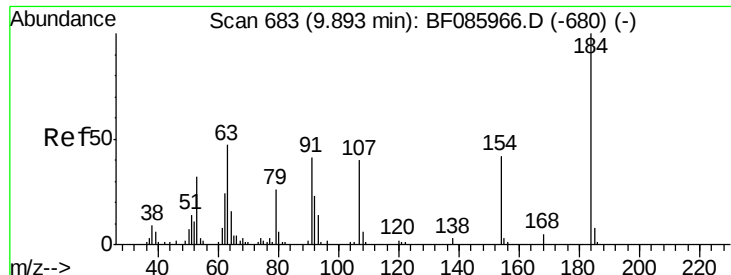
Tgt Ion:172 Resp: 621383
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.2
170 23.5 19.8 29.6



#49
Dimethylphthalate
Concen: 8.89 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Tgt Ion:163 Resp: 121169
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.5 8.3 12.5

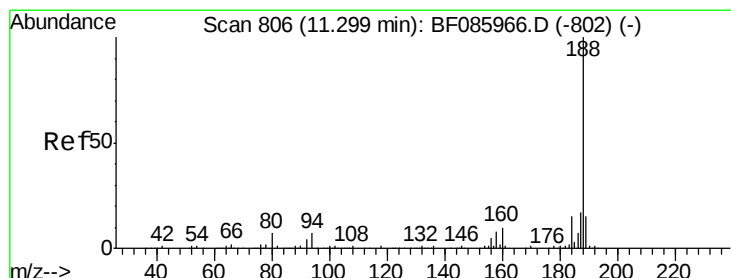
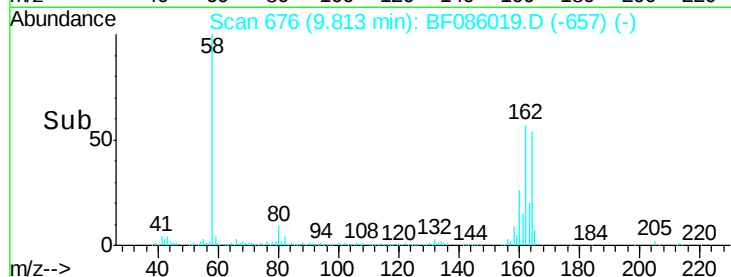
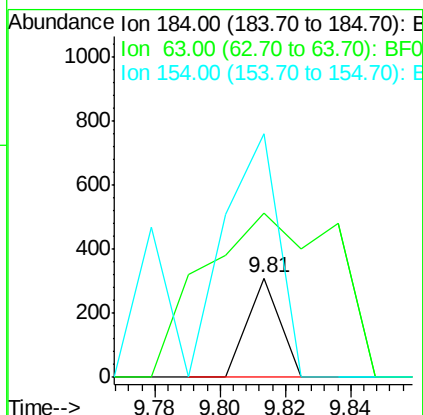
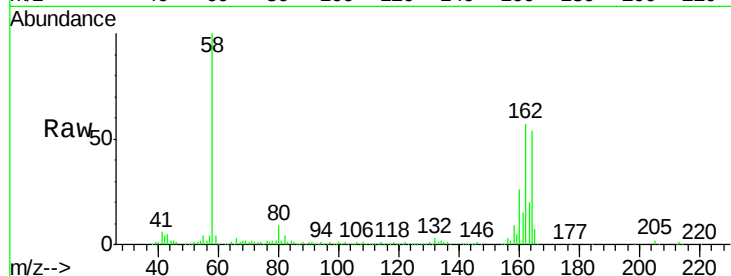




#53
 2,4-Dinitrophenol
 Concen: 2.13 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.08 min
 Lab File: BF086019.D
 Acq: 2 Apr 2016 18:46

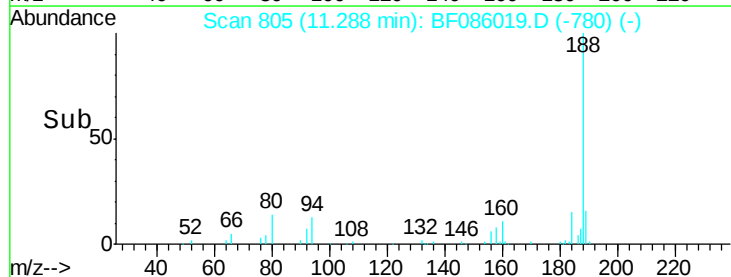
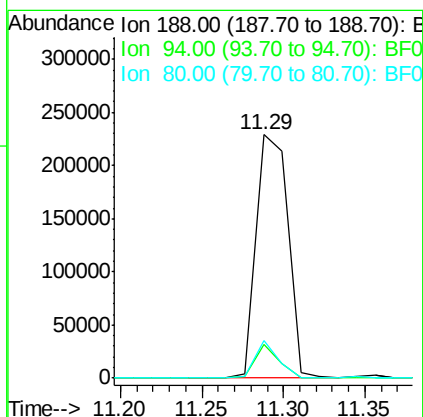
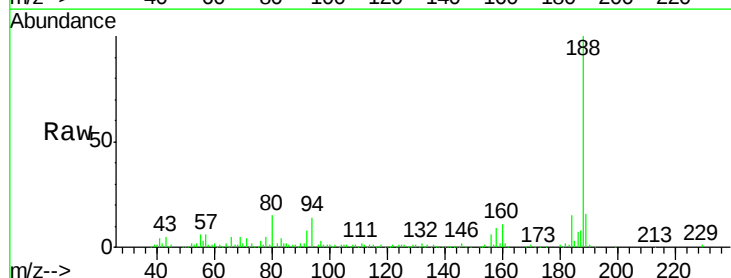
Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

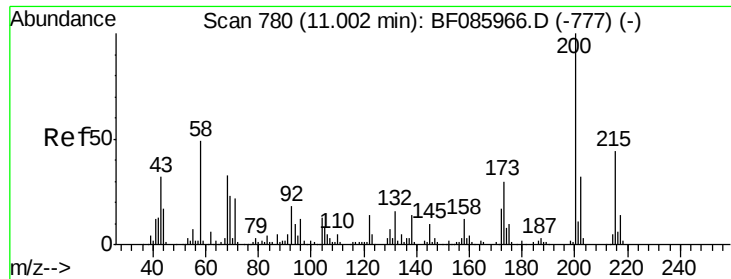
Tgt Ion:184 Resp: 213
 Ion Ratio Lower Upper
 184 100
 63 166.1 69.5 104.3#
 154 245.5 58.3 87.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086019.D
 Acq: 2 Apr 2016 18:46

Tgt Ion:188 Resp: 311691
 Ion Ratio Lower Upper
 188 100
 94 13.6 5.4 8.0#
 80 15.4 5.5 8.3#

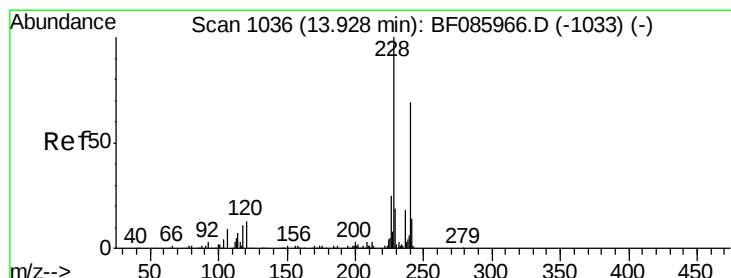
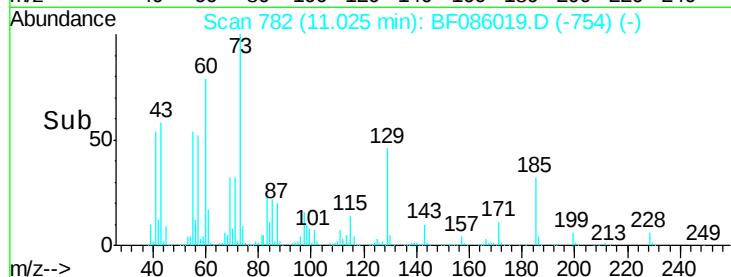
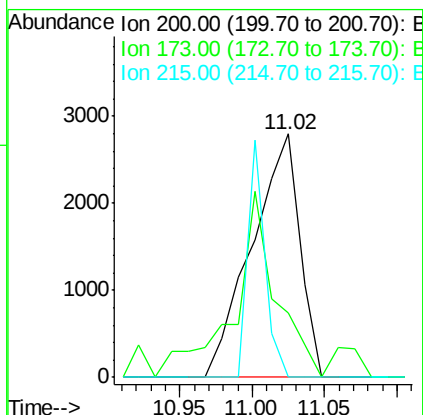
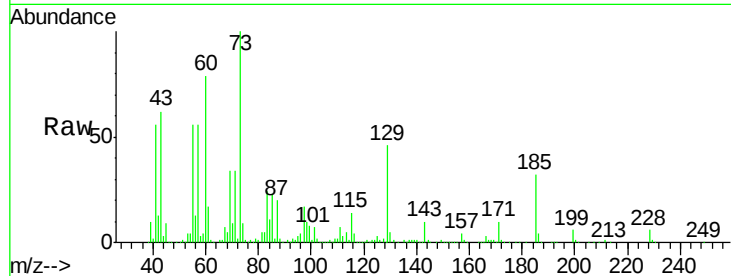




#68
Atrazine
Concen: 2.03 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.02 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

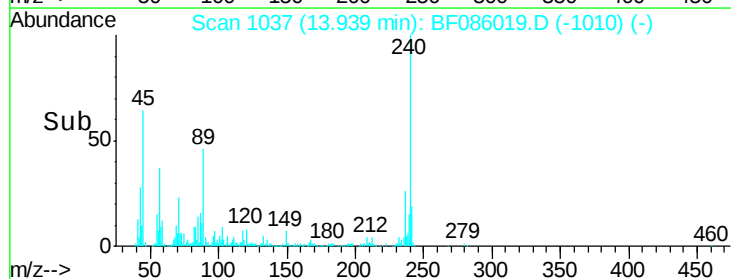
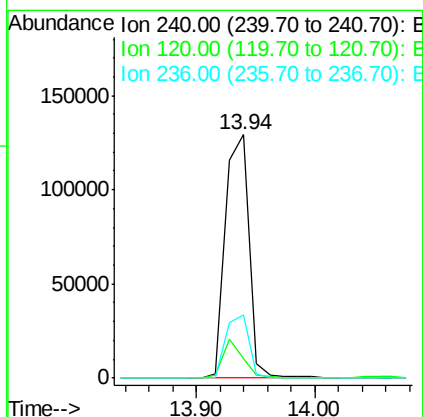
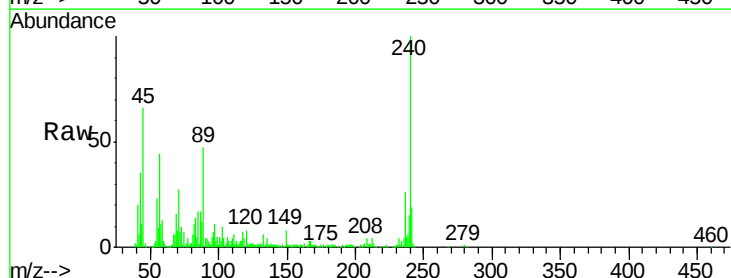
Instrument :
BNA_F
ClientSampleId :
W3DAY1

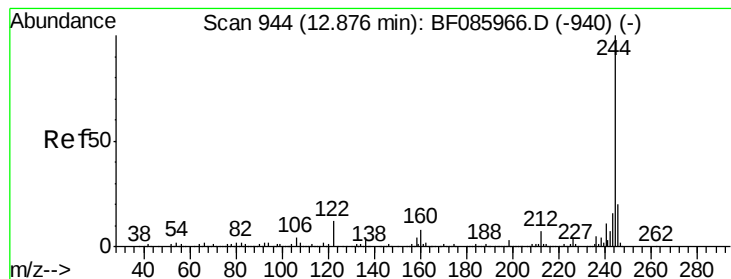
Tgt Ion:200 Resp: 6404
Ion Ratio Lower Upper
200 100
173 26.5 7.7 47.7
215 0.0 25.4 65.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Tgt Ion:240 Resp: 177605
Ion Ratio Lower Upper
240 100
120 8.2 13.8 20.8#
236 25.9 20.6 30.8





#78

Terphenyl-d14

Concen: 53.33 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

W3DAY1

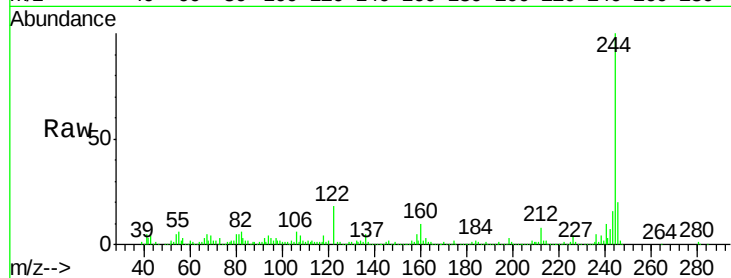
Tgt Ion:244 Resp: 402931

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

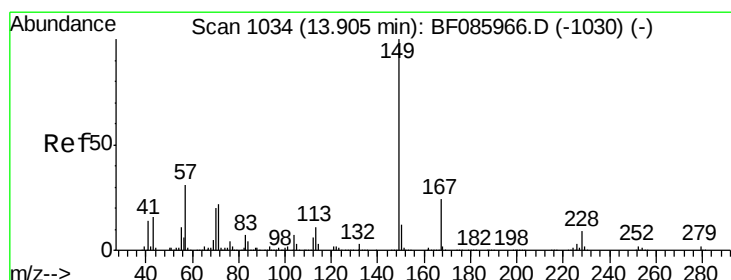
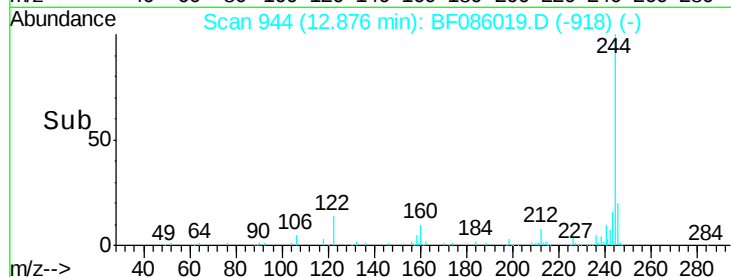
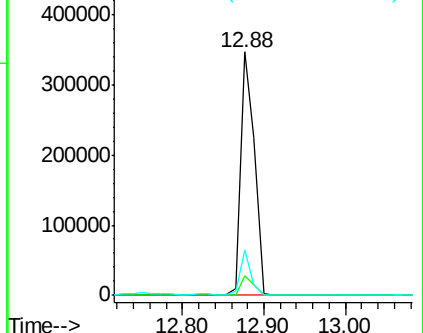
122 18.3 10.2 15.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 236.11 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

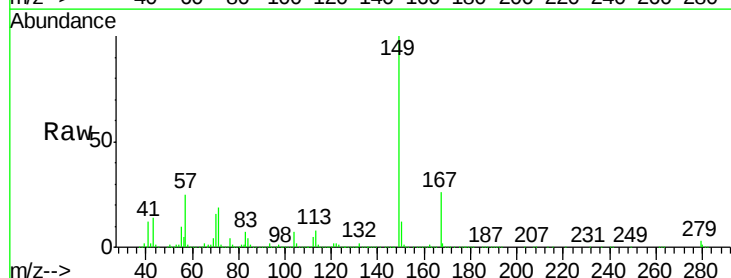
Tgt Ion:149 Resp: 1765964

Ion Ratio Lower Upper

149 100

167 26.2 19.4 29.2

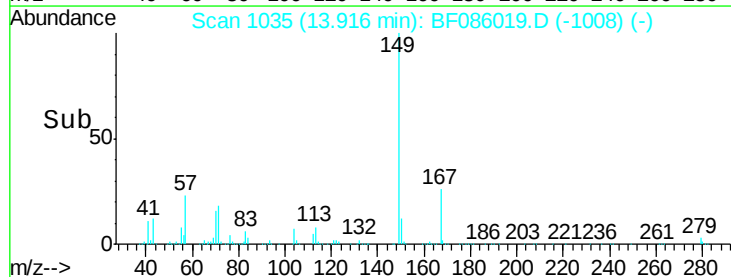
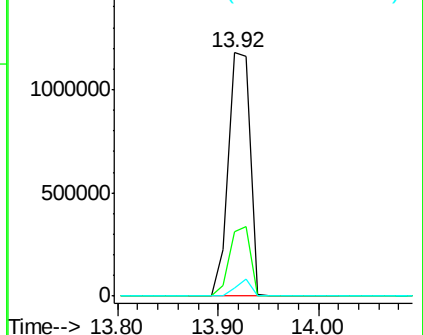
279 3.4 1.5 2.3#

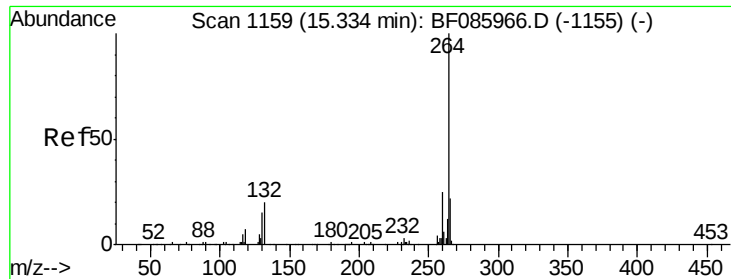


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

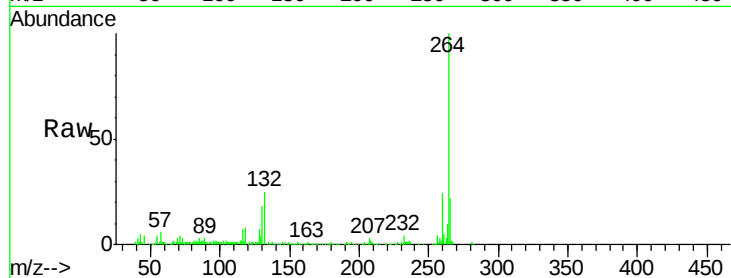




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :
W3DAY1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
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

