

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 03:24:32 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

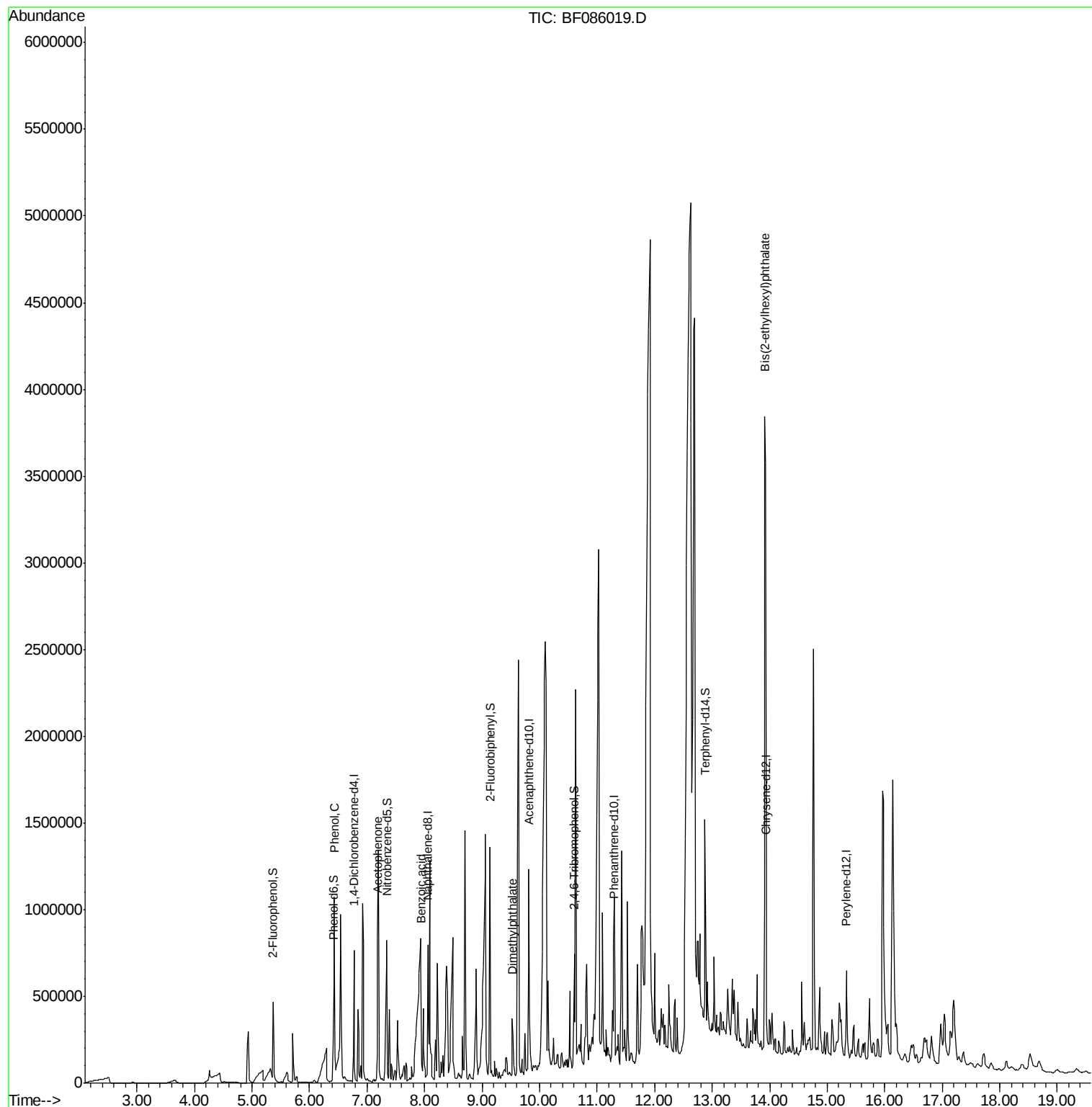
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112782	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	499614	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	183956	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	311691	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	177605	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						
10) Phenol	6.43	94	429127	44.89	ng	Qvalue 89
22) Acetophenone	7.18	105	91257	7.77	ng	# 95
32) Benzoic acid	7.94	122	222304	38.05	ng	97
49) Dimethylphthalate	9.53	163	121169	8.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1765964	236.11	ng	# 96

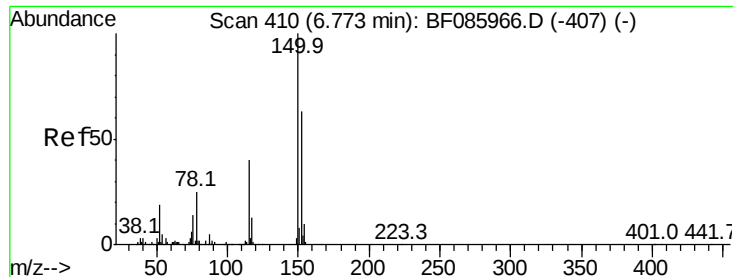
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

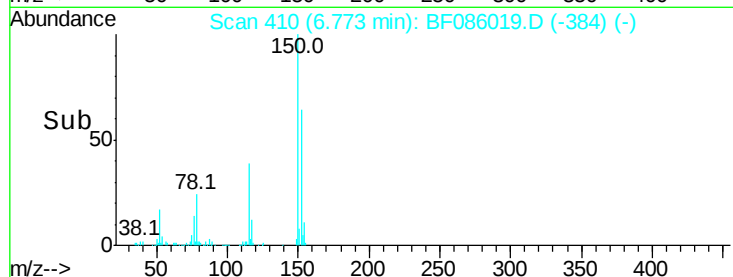
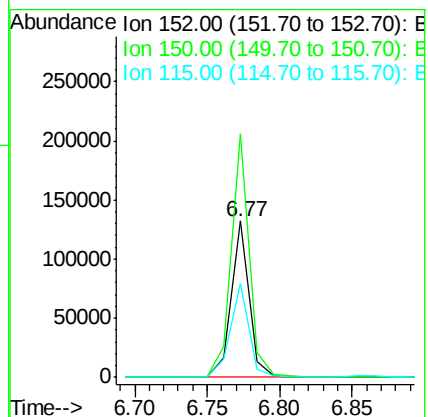
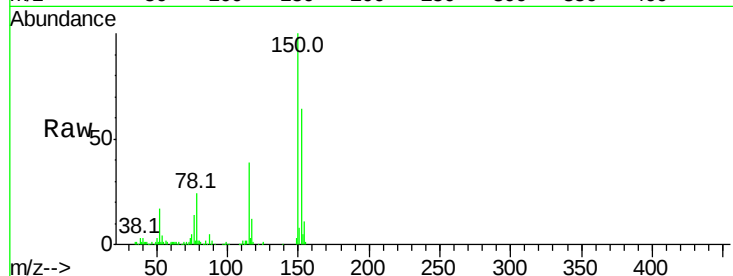
Tot Ion:152 Resp: 112782

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

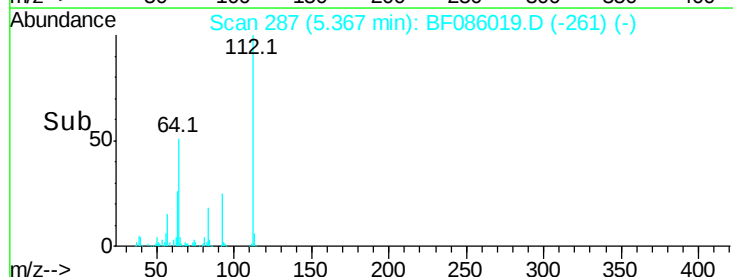
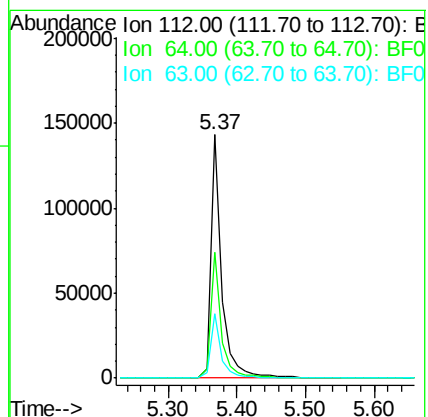
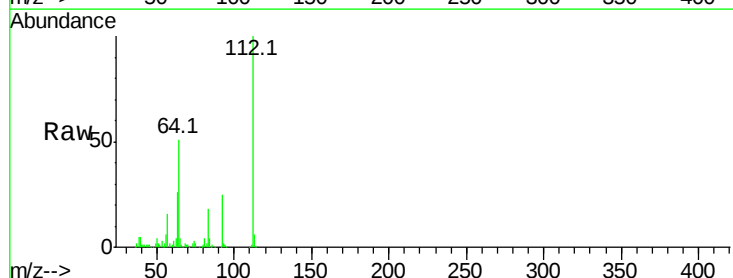
Tgt Ion:112 Resp: 157113

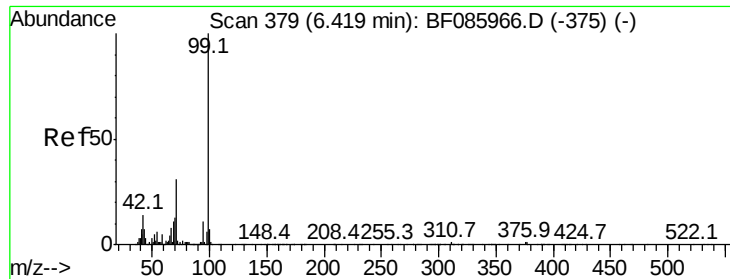
Ion Ratio Lower Upper

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

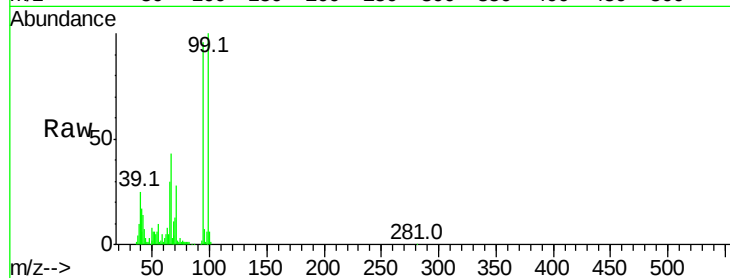
Tot Ion: 99 Resp: 127521

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

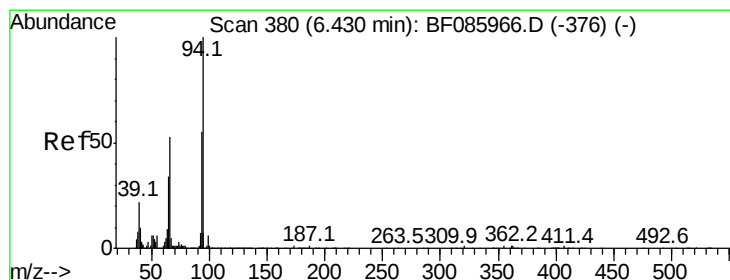
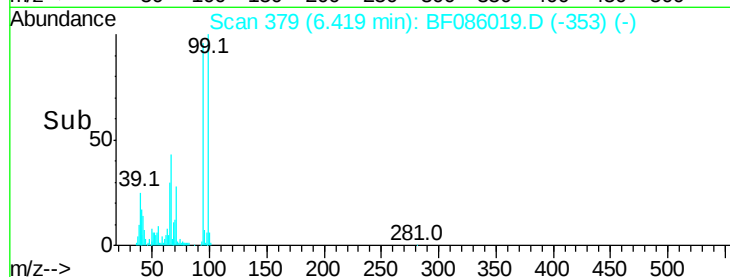
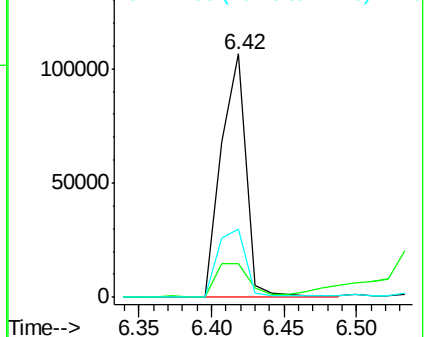
71 28.0 24.9 37.3



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

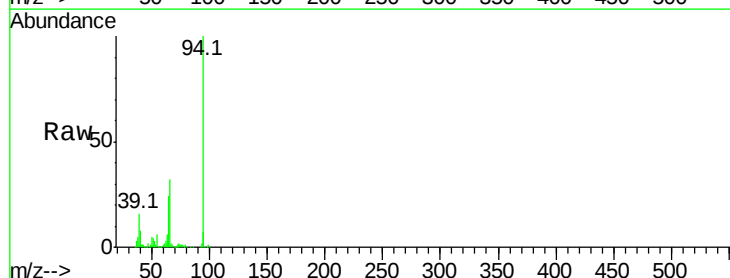
Tgt Ion: 94 Resp: 429127

Ion Ratio Lower Upper

94 100

65 24.3 8.6 48.6

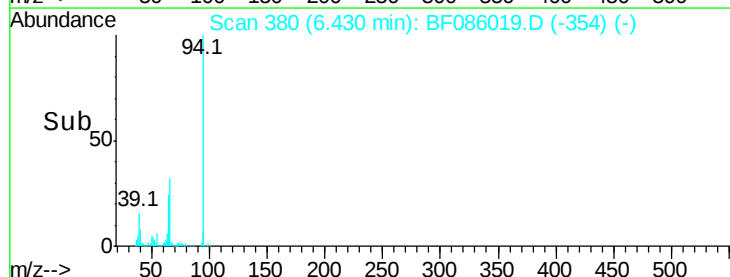
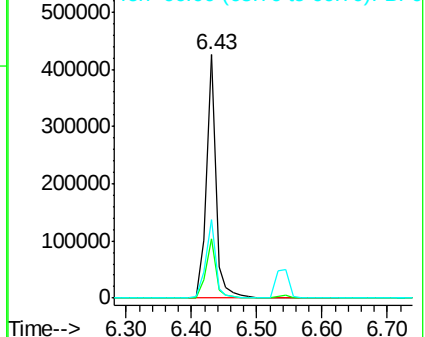
66 32.3 20.0 60.0

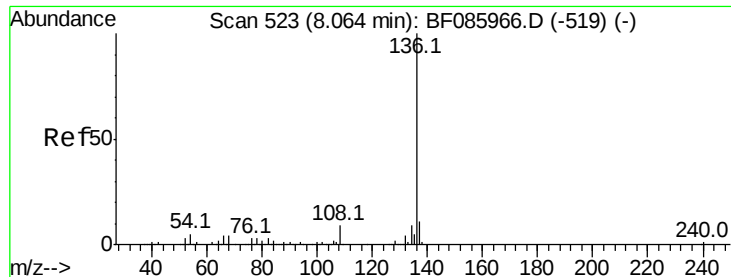


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

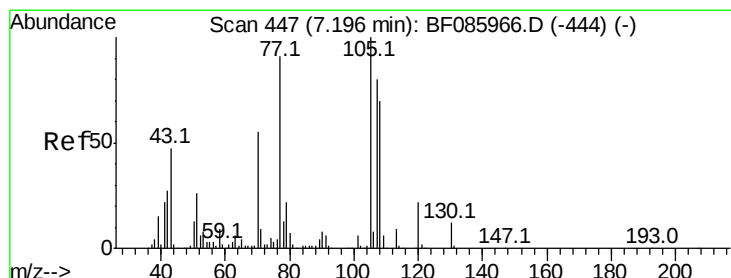
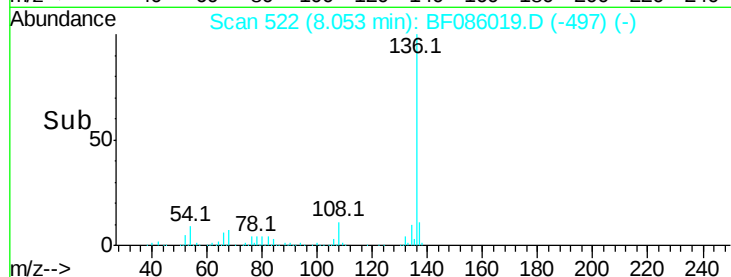
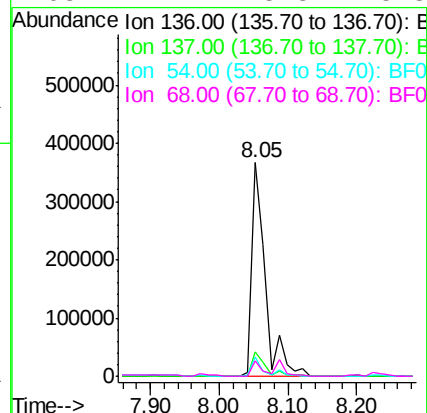
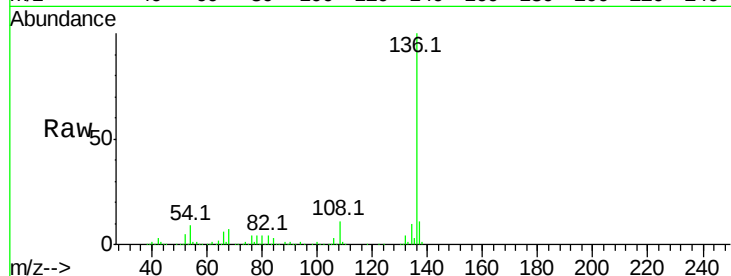




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086019.D
Acq: 2 Apr 2016 18:46

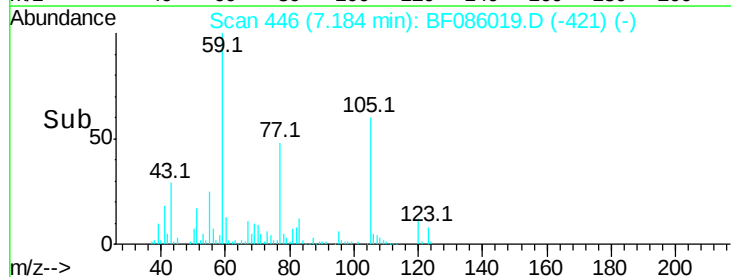
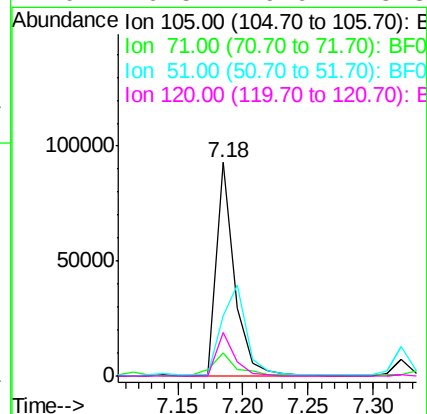
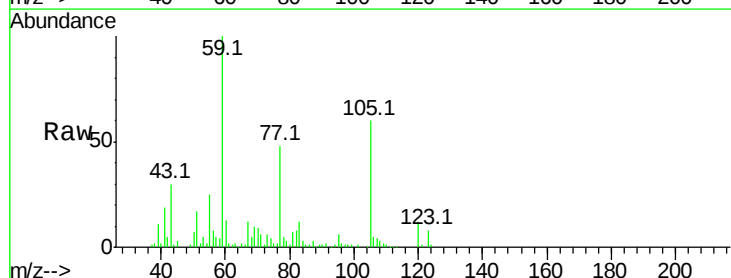
Instrument :
BNA_F
ClientSampled :
W3DAY1

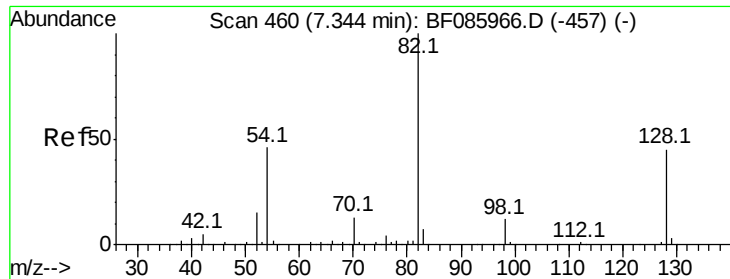
Tot Ion:136	Resp:	499614
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	9.1	7.4 11.0
68	7.2	5.8 8.8



#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

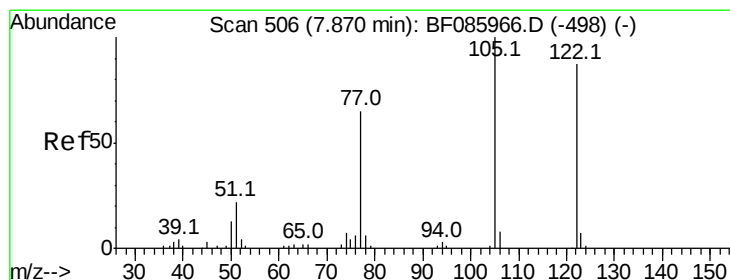
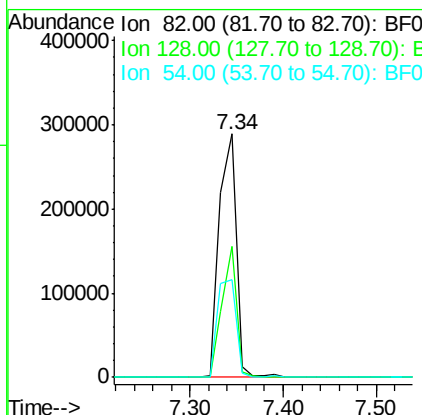
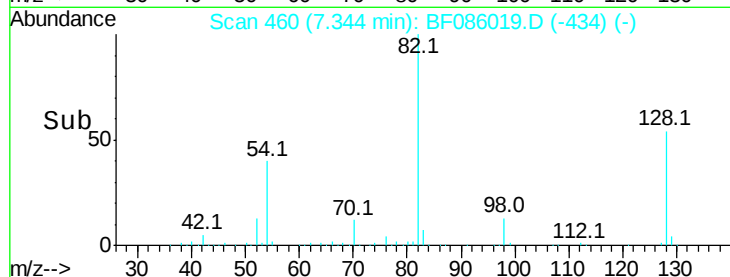
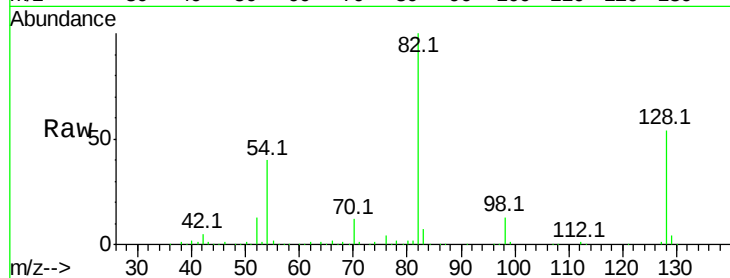




#23
 Nitrobenzene-d5
 Concen: 43.32 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086019.D
 Acq: 2 Apr 2016 18:46

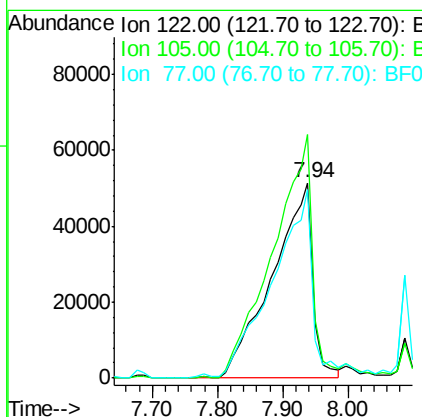
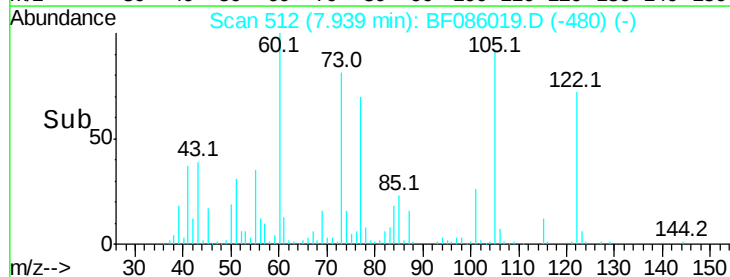
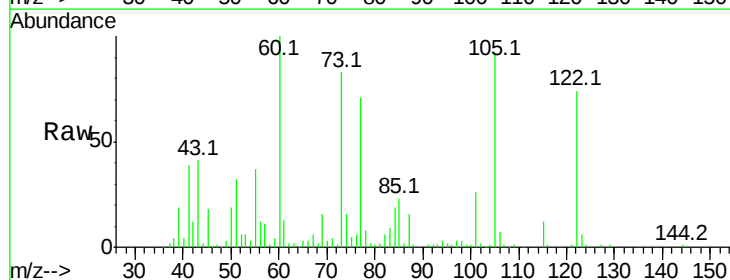
Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

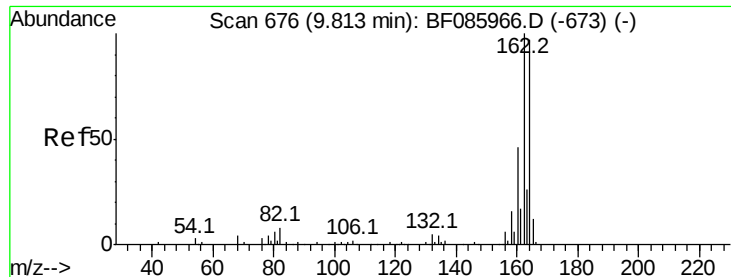
Tot Ion	Ratio	Lower	Upper
82	100		
128	53.6	41.8	62.8
54	40.2	33.4	50.0



#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	Ratio	Lower	Upper
122	100		
105	124.7	102.9	142.9
77	96.5	71.8	111.8





#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

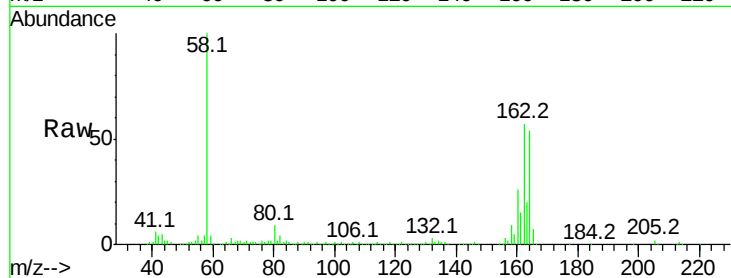
Tot Ion:164 Resp: 183956

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

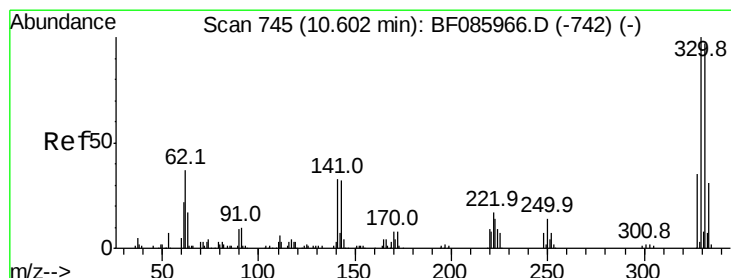
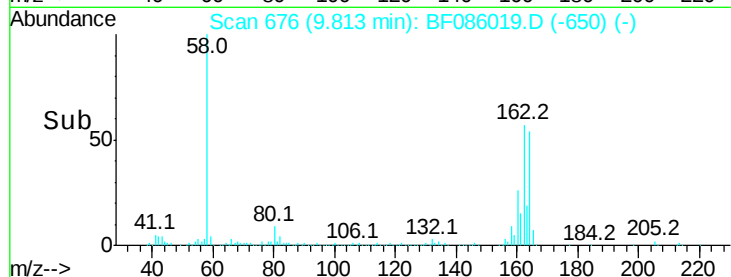
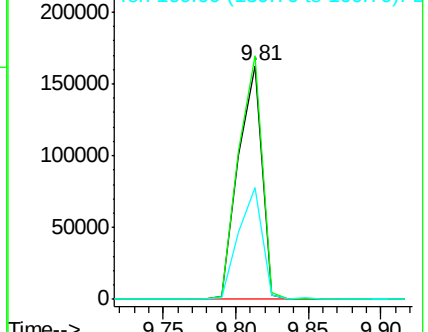
160 48.0 37.4 56.2



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

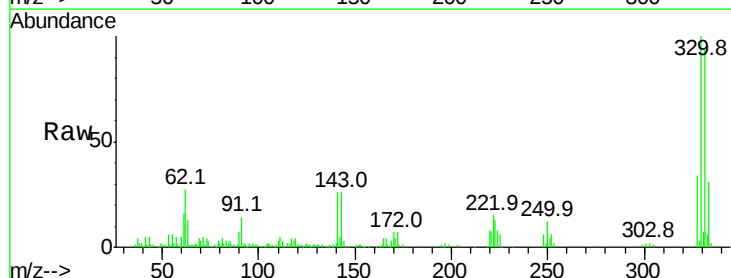
Tgt Ion:330 Resp: 86895

Ion Ratio Lower Upper

330 100

332 94.7 78.2 117.2

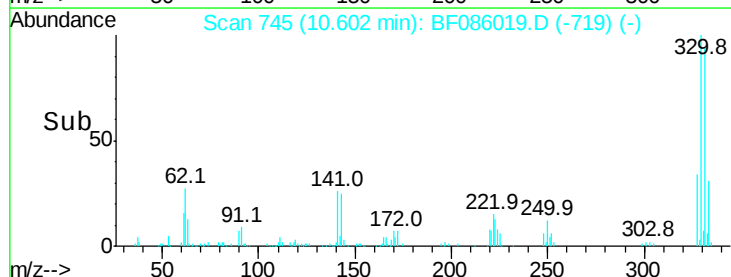
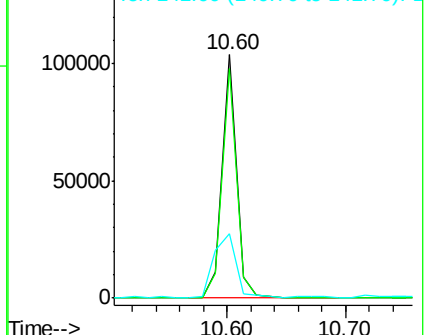
141 42.4 31.5 47.3

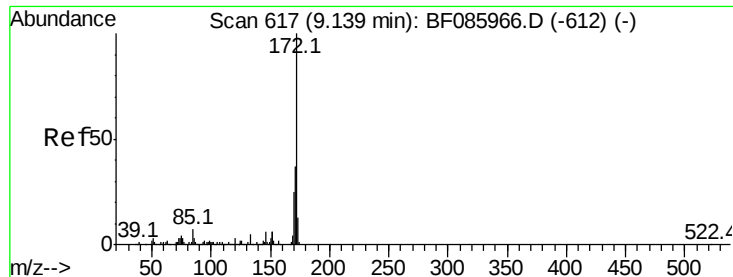


Abundance Ion 329.80 (329.50 to 330.50): E

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

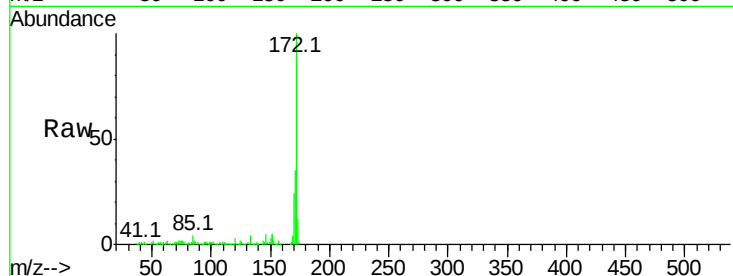
Tot Ion:172 Resp: 621383

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.2

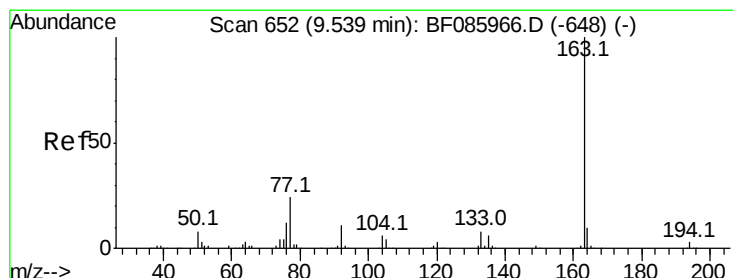
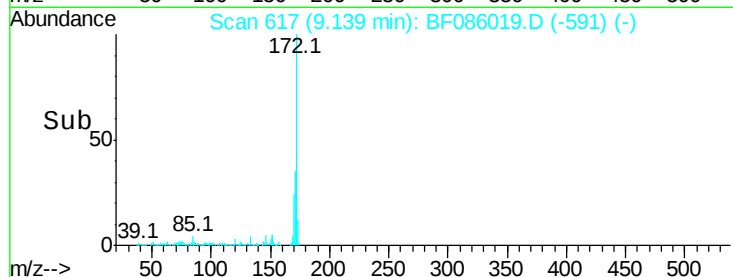
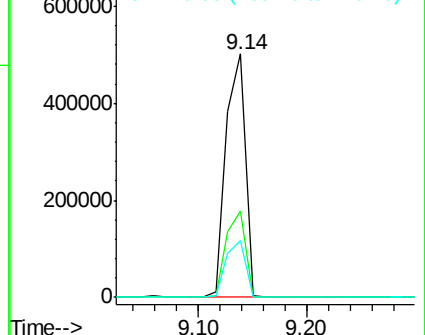
170 23.5 19.8 29.6



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: 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

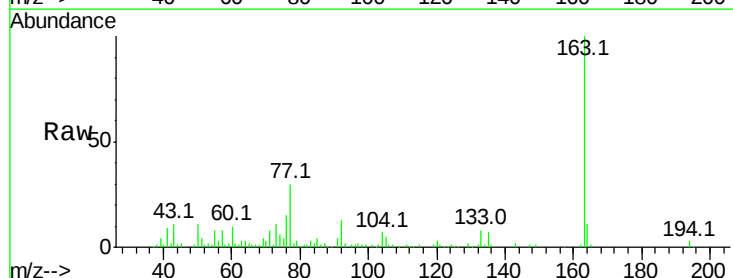
Tgt Ion:163 Resp: 121169

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

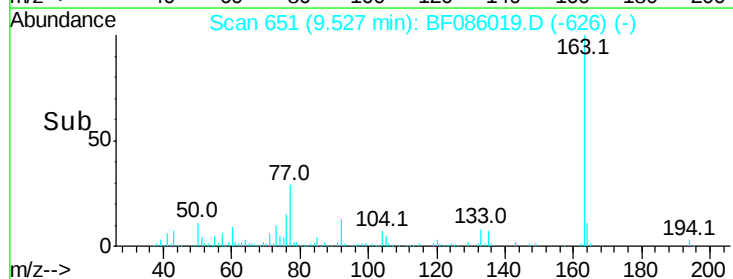
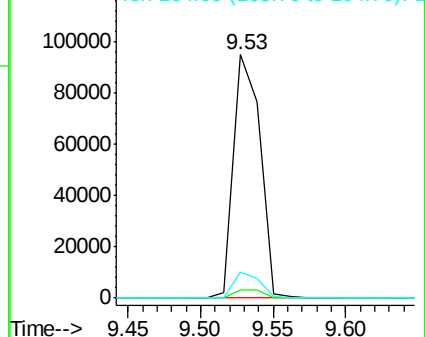
164 10.5 8.3 12.5

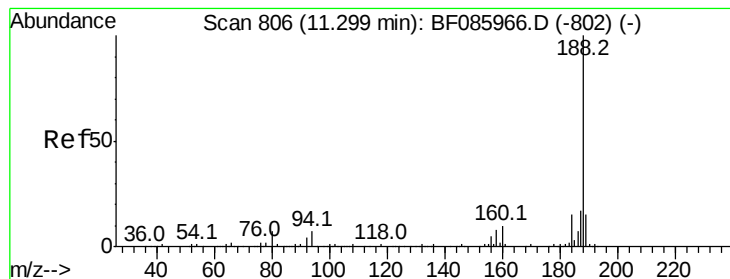


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

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W3DAY1

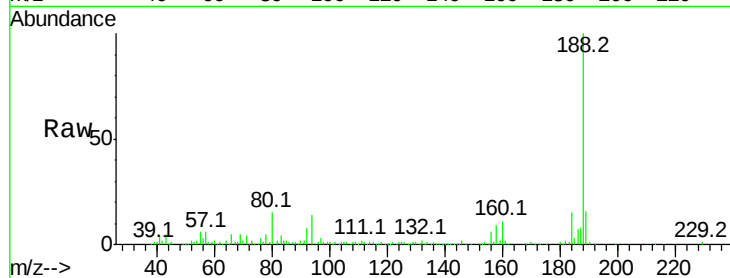
Tot Ion:188 Resp: 311691

Ion Ratio Lower Upper

188 100

94 13.6 5.4 8.0#

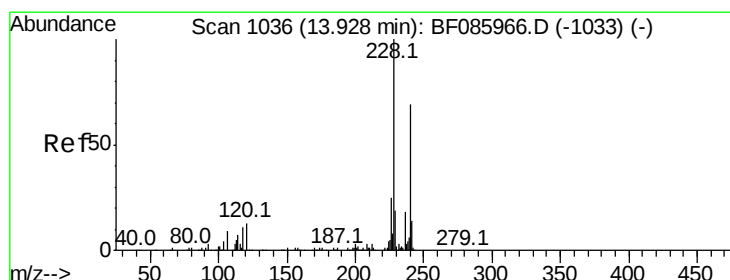
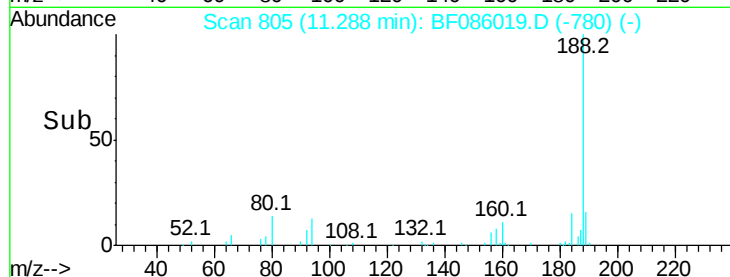
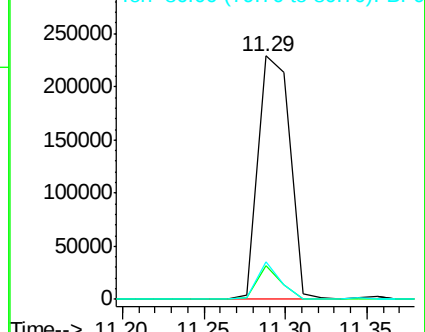
80 15.4 5.5 8.3#



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: 13.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF086019.D

Acq: 2 Apr 2016 18:46

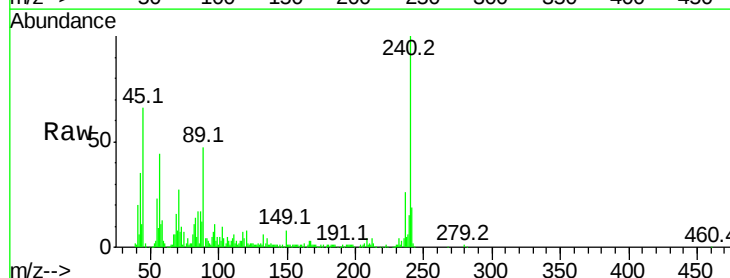
Tgt Ion:240 Resp: 177605

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

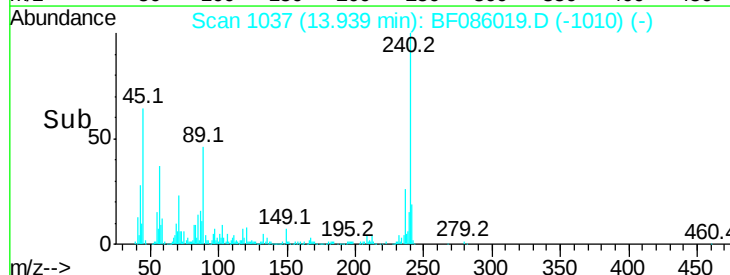
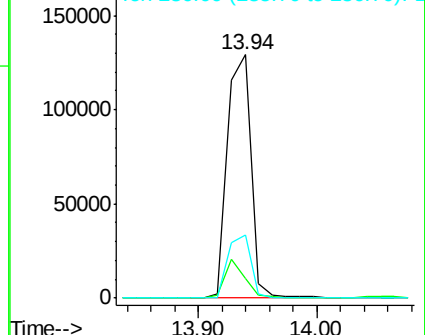
236 25.9 20.6 30.8

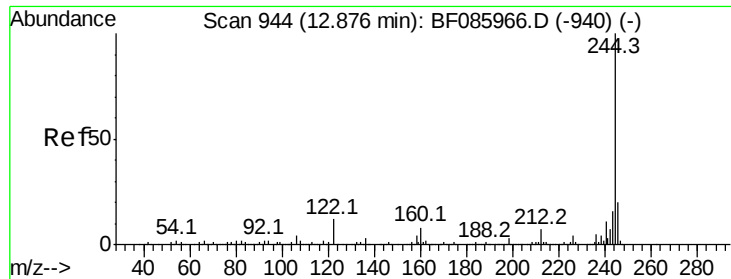


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

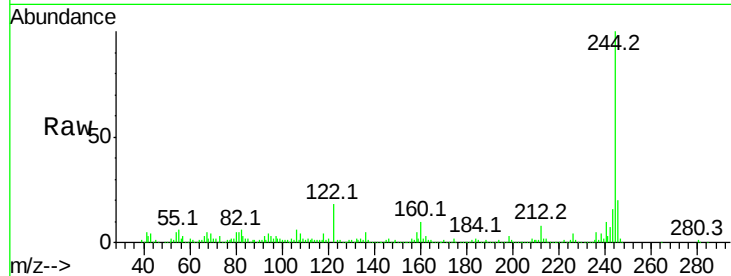
Tot Ion:244 Resp: 402931

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

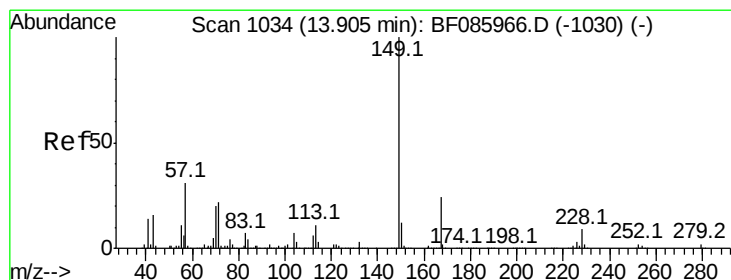
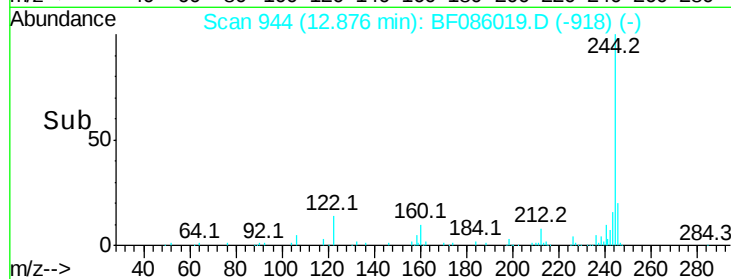
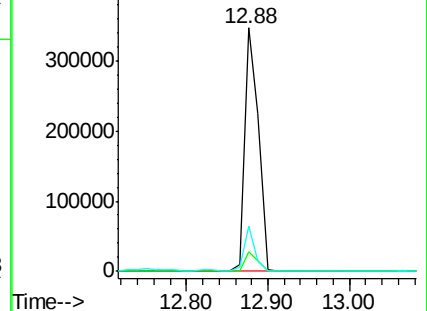
122 18.3 10.2 15.4#



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

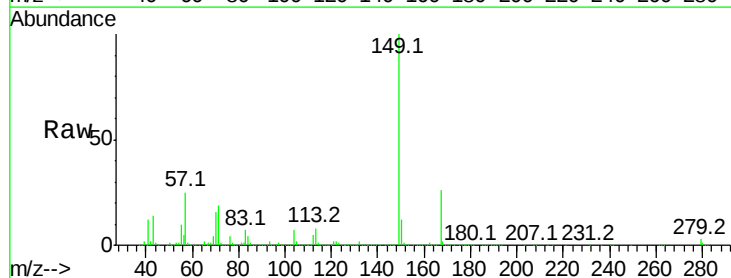
Tgt Ion:149 Resp: 1765964

Ion Ratio Lower Upper

149 100

167 26.2 19.4 29.2

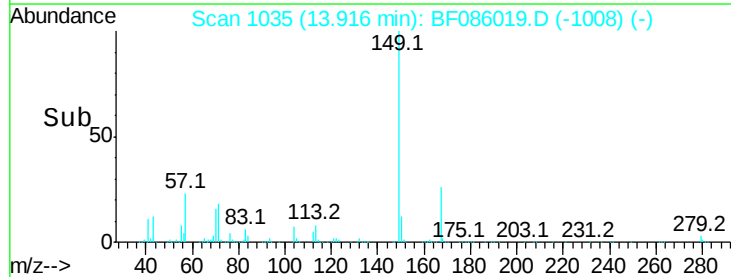
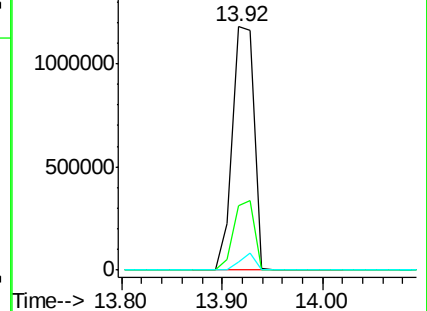
279 3.4 1.5 2.3#

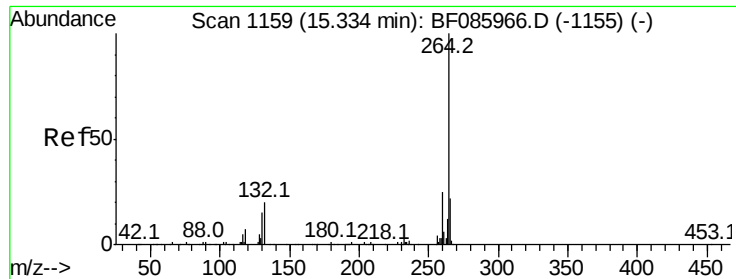


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.2	25.8

