

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086733.D
 Acq On : 6 May 2016 19:35
 Operator : UM/SJ
 Sample : H2802-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 03:26:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

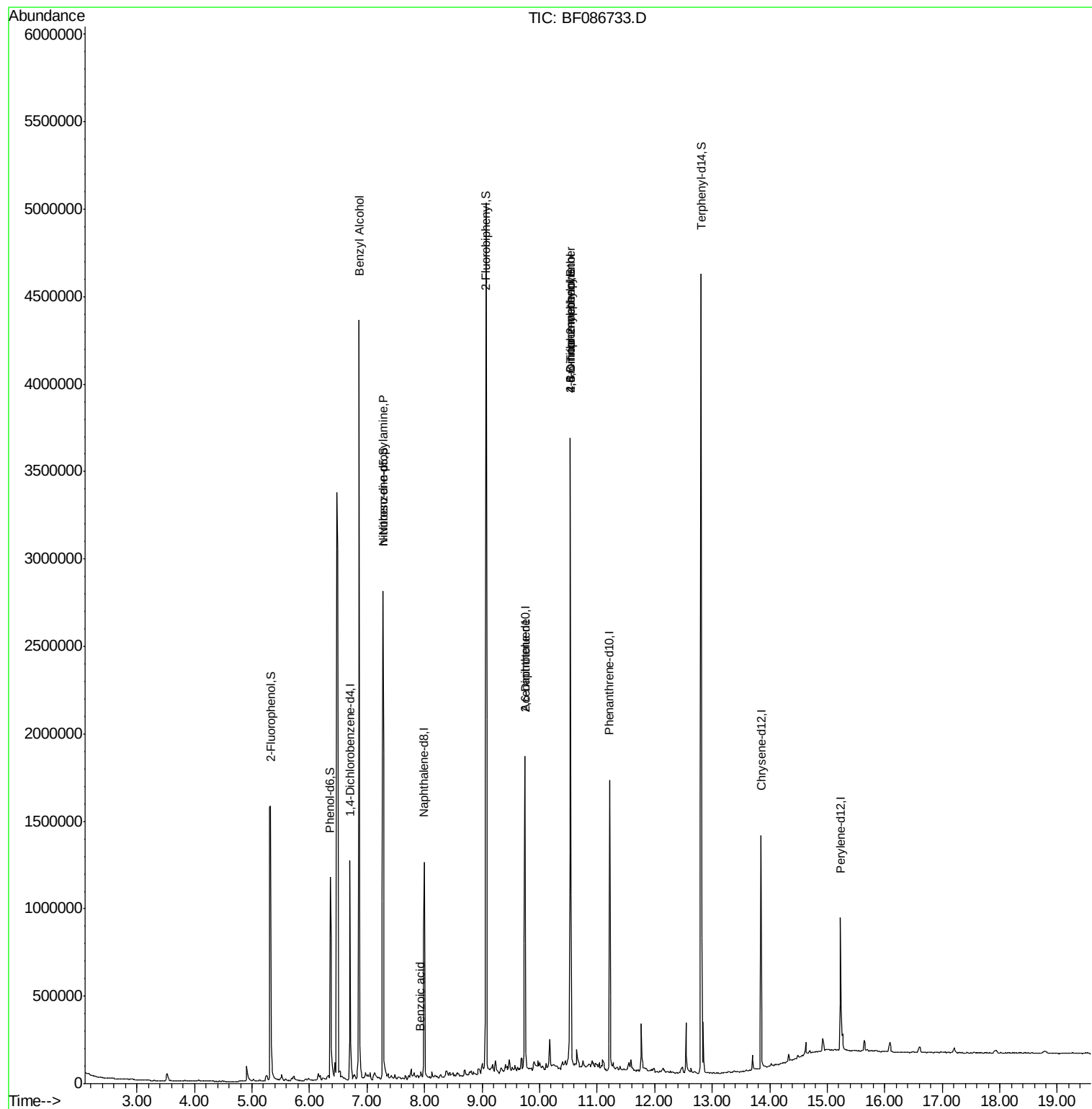
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176183	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	713528	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	348427	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	583409	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	451537	40.00	ng	-0.01
86) Perylene-d12	15.23	264	340933	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	635482	59.71	ng	0.00
7) Phenol-d6	6.36	99	489610	34.15	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1266610	91.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	475086	139.39	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1979903	93.15	ng	-0.01
78) Terphenyl-d14	12.81	244	1444236	64.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	27202	2.93	ng	# 40
19) n-Nitroso-di-n-propylamine	7.28	70	181215	18.50	ng	# 72
32) Benzoic acid	7.93	122	209	8.46	ng	# 13
50) 2,6-Dinitrotoluene	9.74	165	46354	8.32	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.53	198	1027	5.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	28176	4.86	ng	# 1

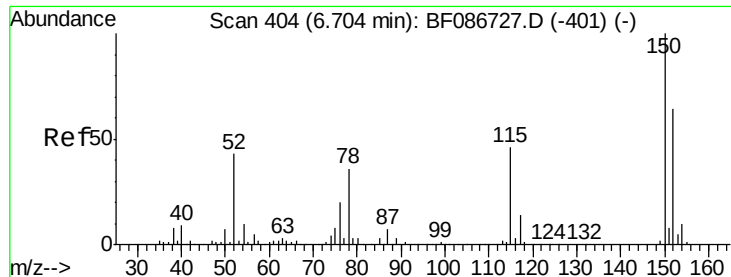
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 07 03:26:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration



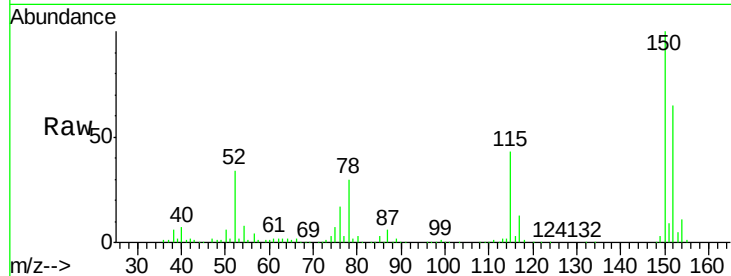


#1

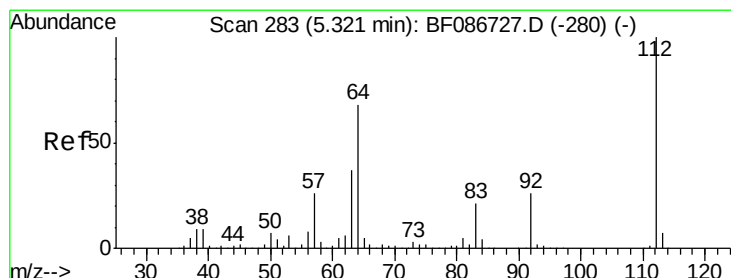
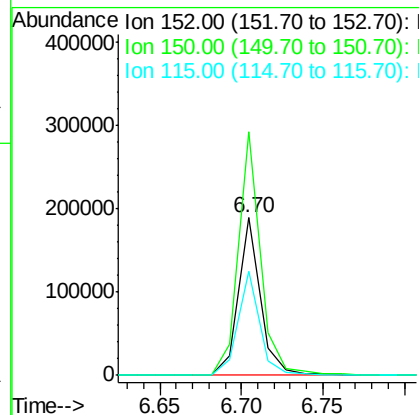
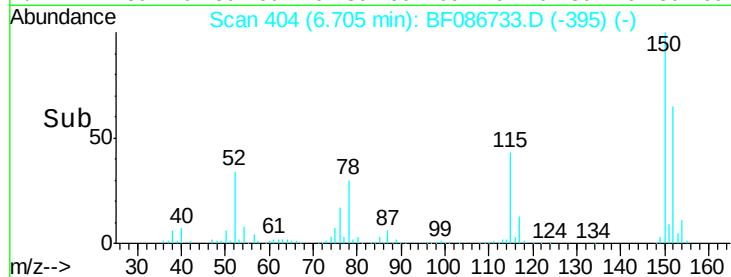
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176183
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 66.0 51.5 77.3



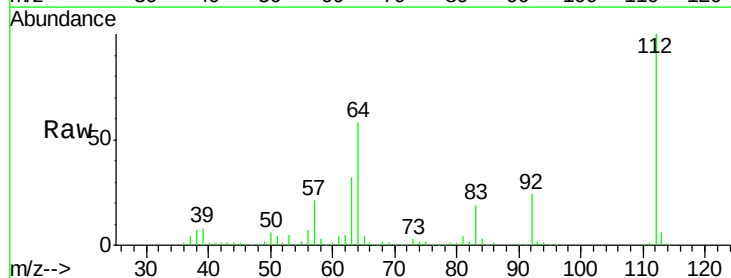
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



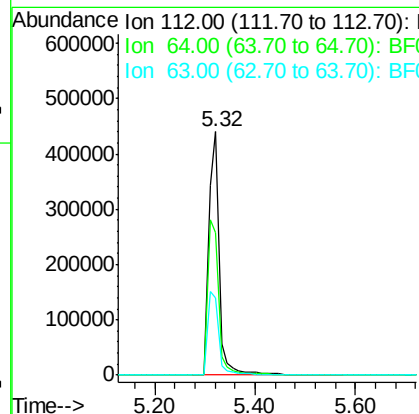
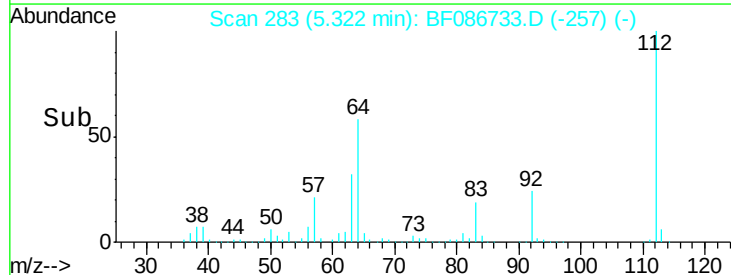
#5

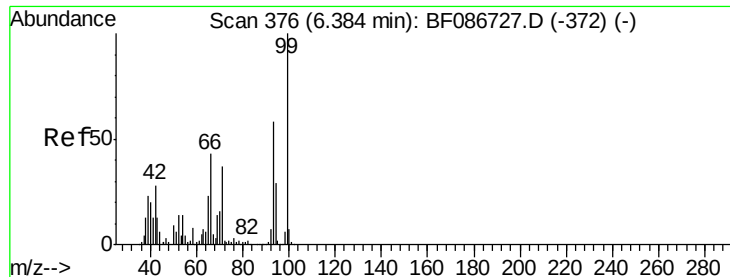
2-Fluorophenol
Concen: 59.71 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Tgt Ion:112 Resp: 635482
Ion Ratio Lower Upper
112 100
64 58.3 52.1 78.1
63 31.6 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: 34.15 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

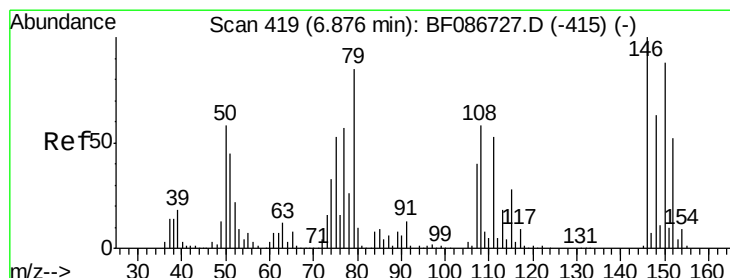
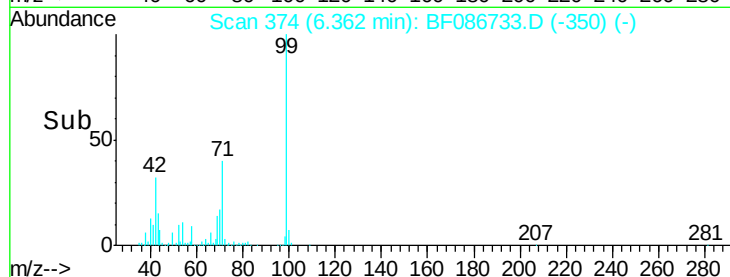
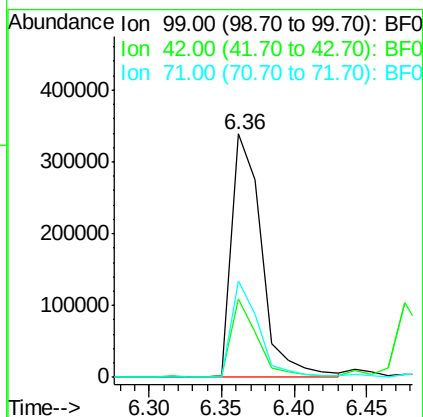
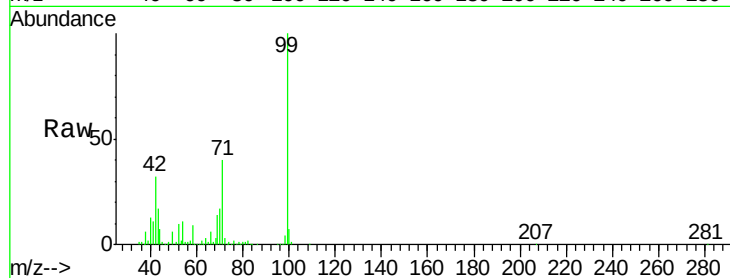
Tot Ion: 99 Resp: 489610

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

71 39.6 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.93 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

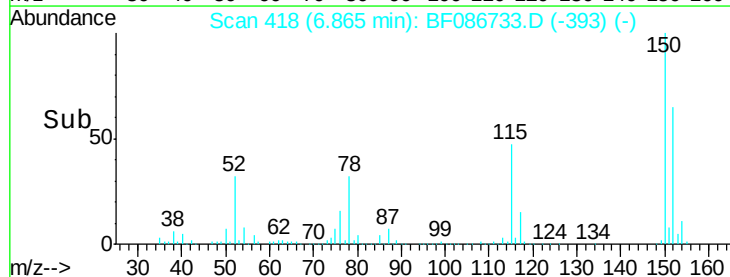
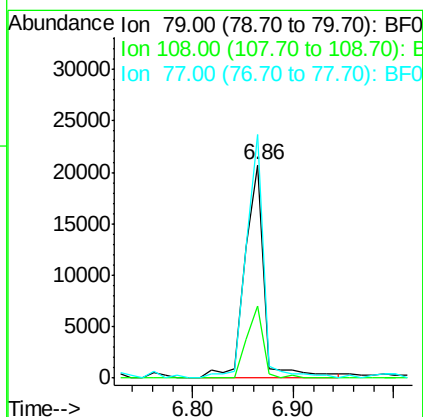
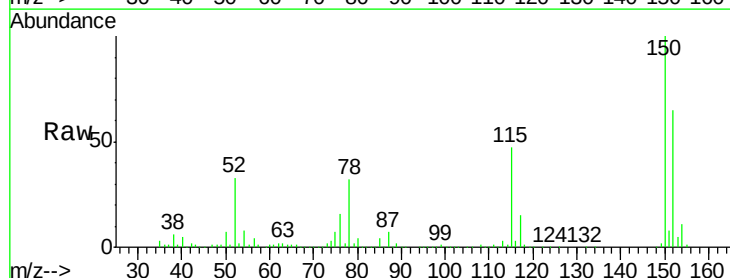
Tgt Ion: 79 Resp: 27202

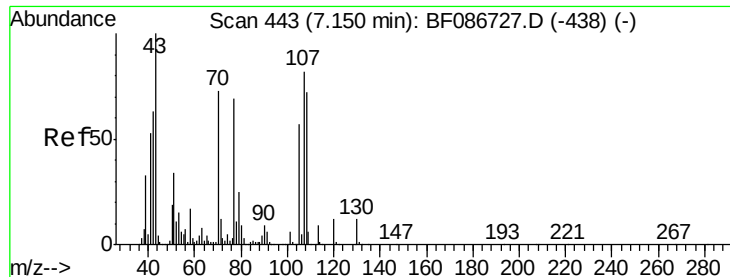
Ion Ratio Lower Upper

79 100

108 34.0 68.4 102.6#

77 114.3 50.6 76.0#

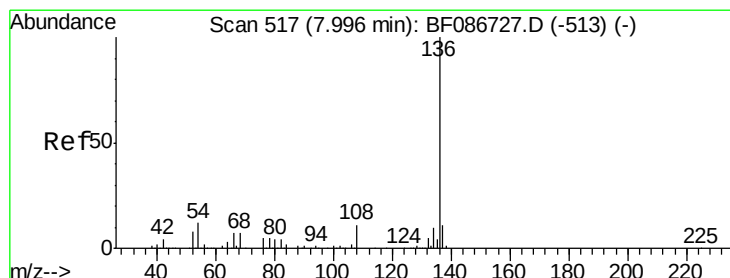
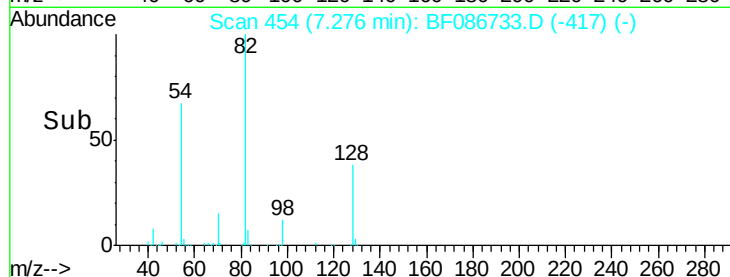
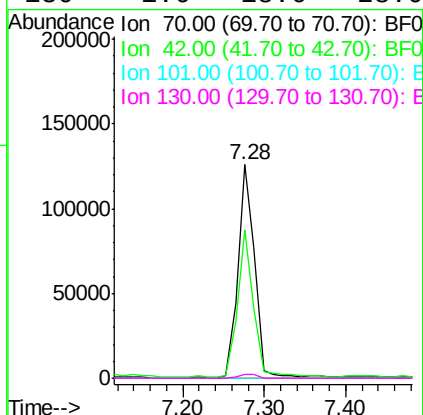
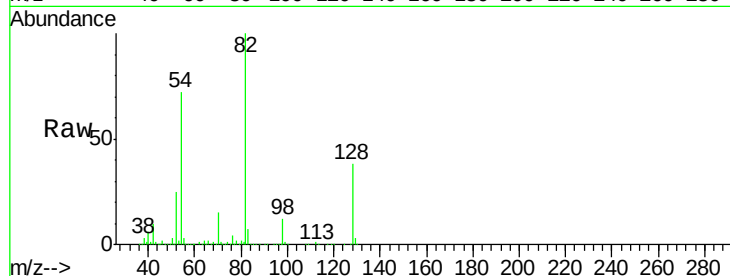




#19
n-Nitroso-di-n-propylamine
Concen: 18.50 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

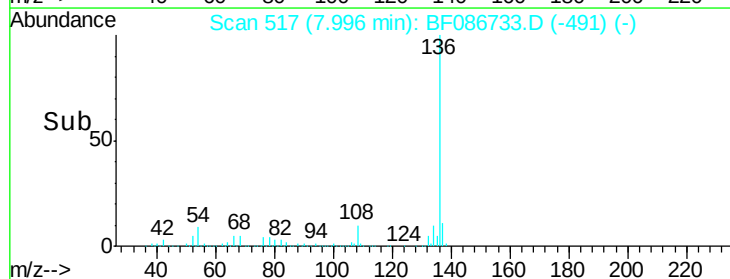
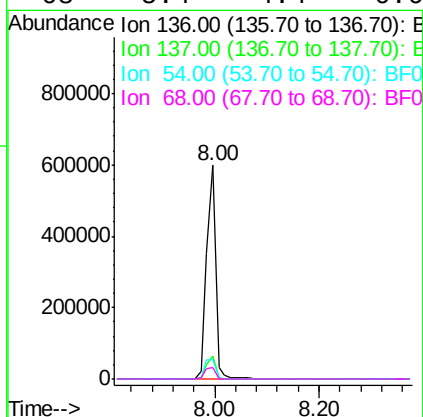
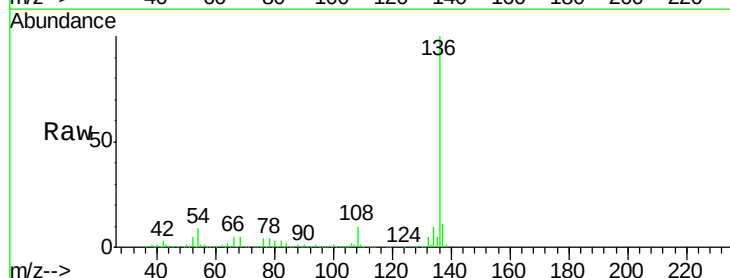
Instrument :
BNA_F
ClientSampleId :

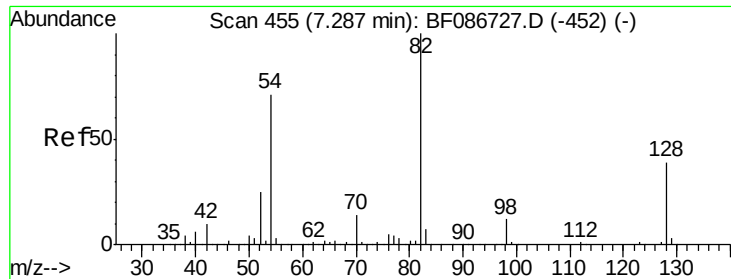
Tot Ion: 70 Resp: 181215
Ion Ratio Lower Upper
70 100
42 69.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.6 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Tgt Ion: 136 Resp: 713528
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.3 5.0 7.4#
68 5.4 4.4 6.6

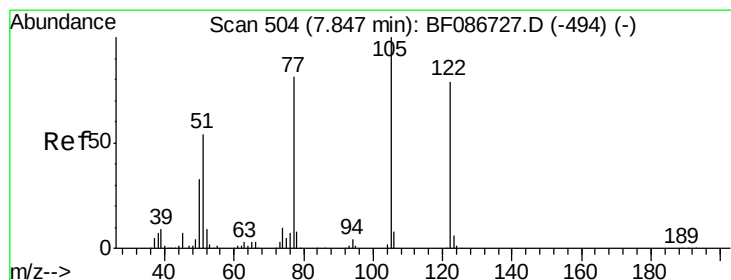
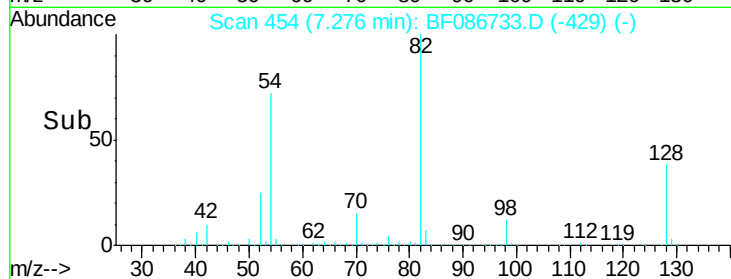
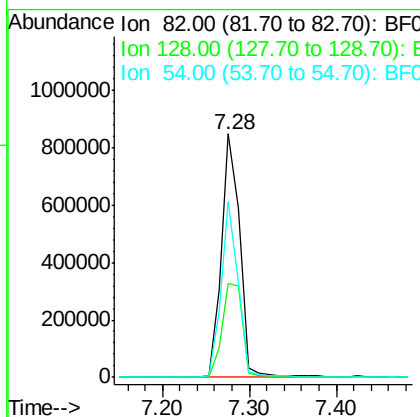
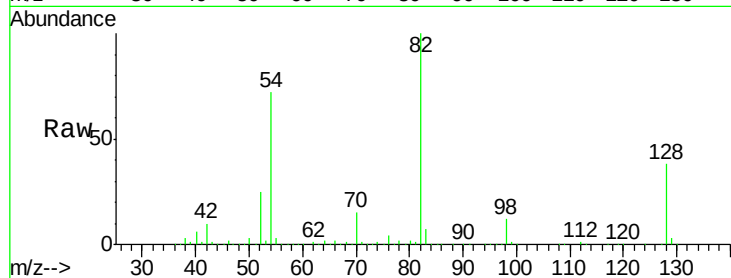




#23
 Nitrobenzene-d5
 Concen: 91.22 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

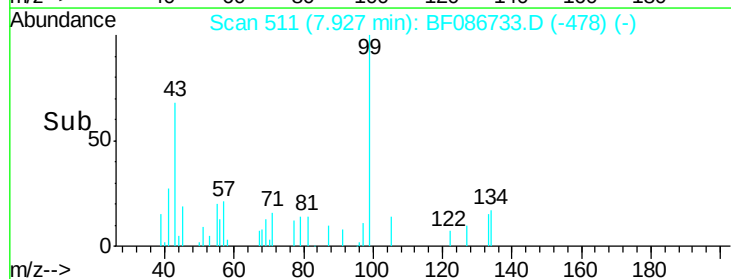
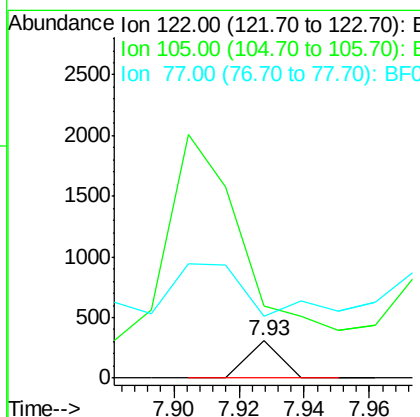
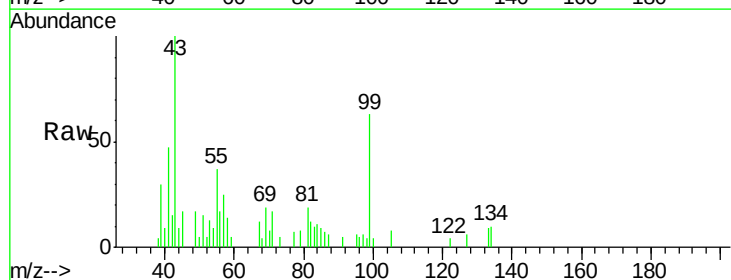
Instrument :
 BNA_F
 ClientSampled :

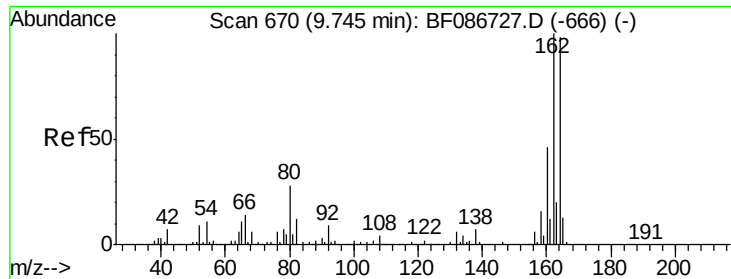
Tot Ion: 82 Resp: 1266610
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 72.5 38.1 57.1#



#32
 Benzoic acid
 Concen: 8.46 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.08 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Tgt Ion:122 Resp: 209
 Ion Ratio Lower Upper
 122 100
 105 195.7 92.6 132.6#
 77 167.5 60.0 100.0#

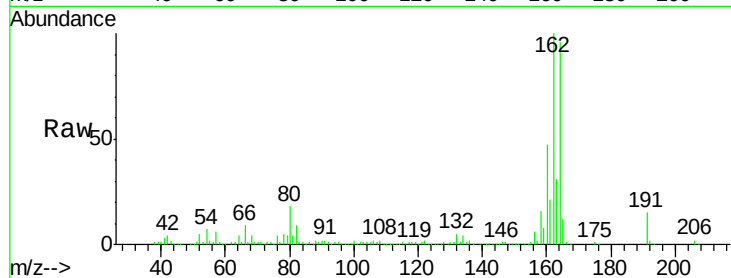




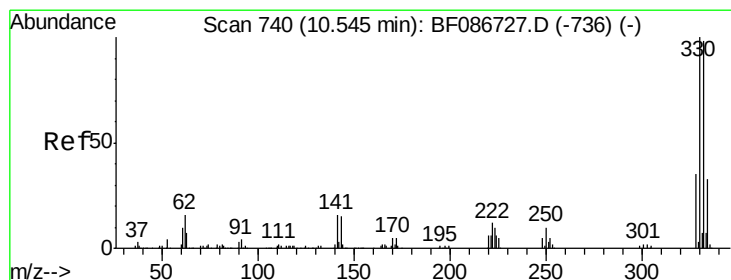
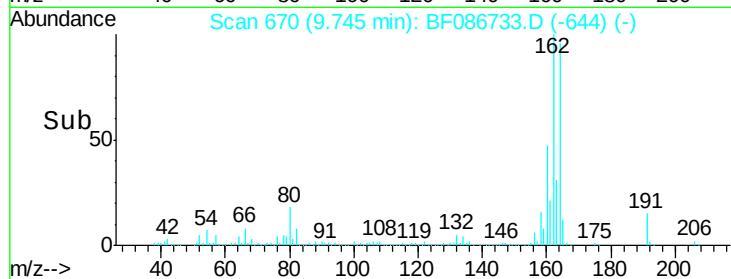
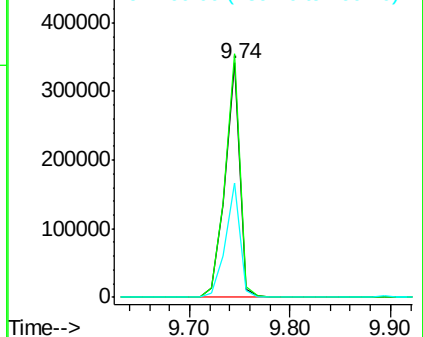
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	48.6	36.9	55.3

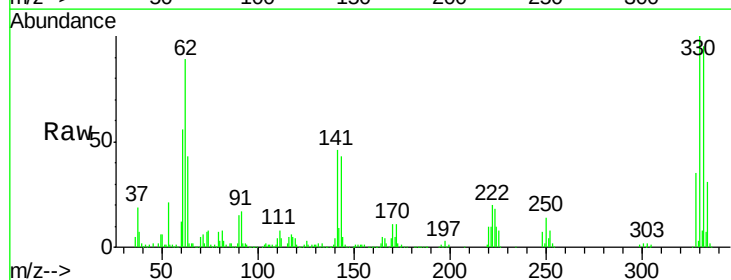


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

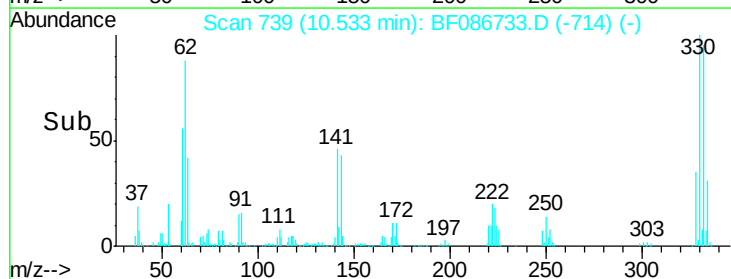
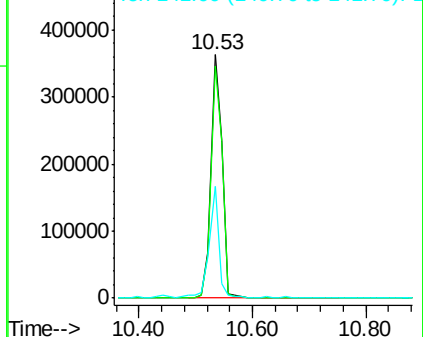


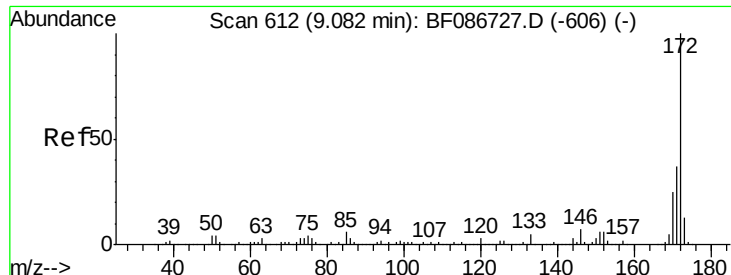
#41
2,4,6-Tribromophenol
Concen: 139.39 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	38.7	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

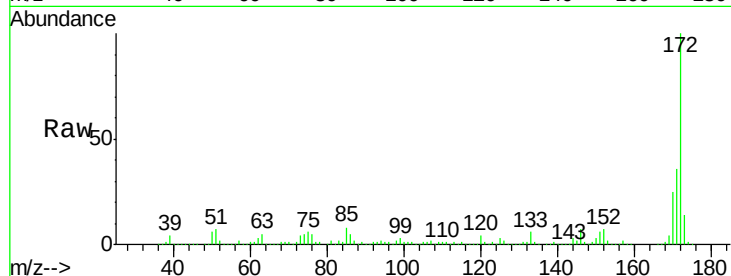




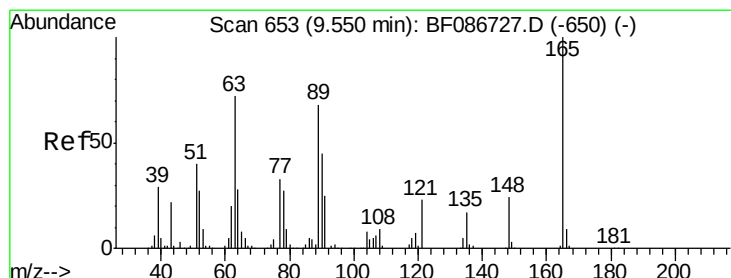
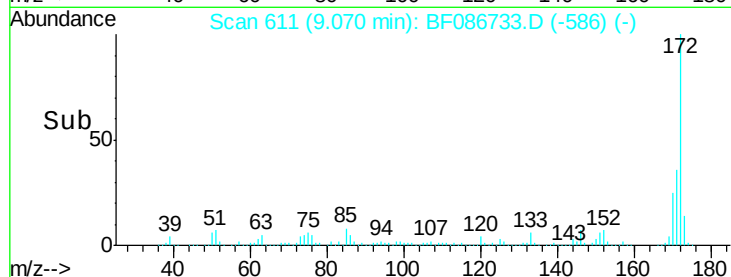
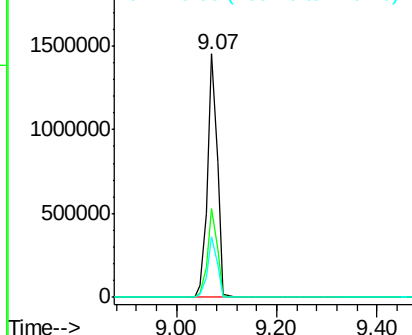
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1979903
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8

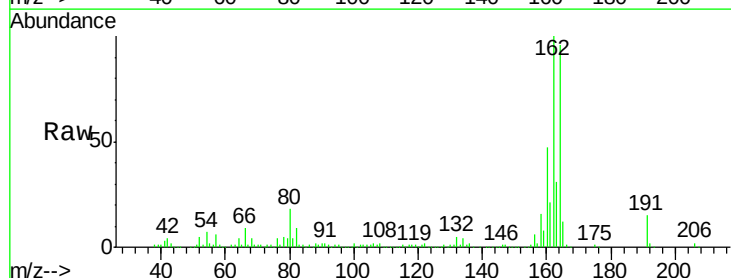


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

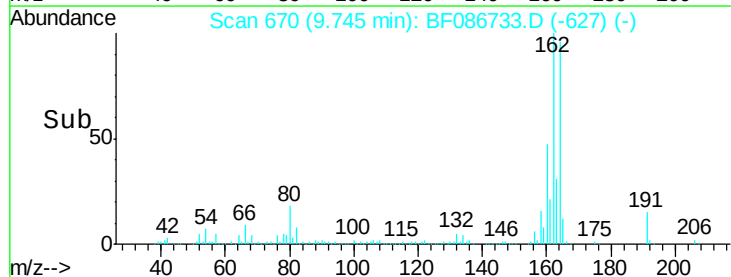
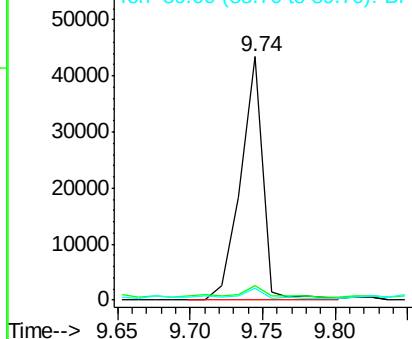


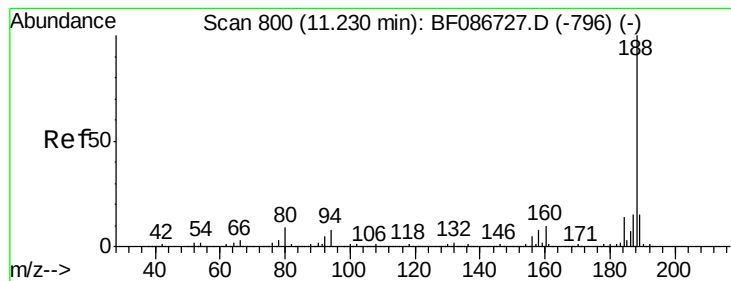
#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Tgt Ion:165 Resp: 46354
 Ion Ratio Lower Upper
 165 100
 63 5.7 51.8 77.8#
 89 4.7 50.7 76.1#



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





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

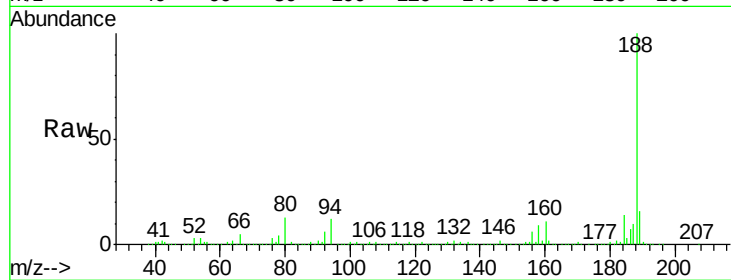
Tot Ion:188 Resp: 583409

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

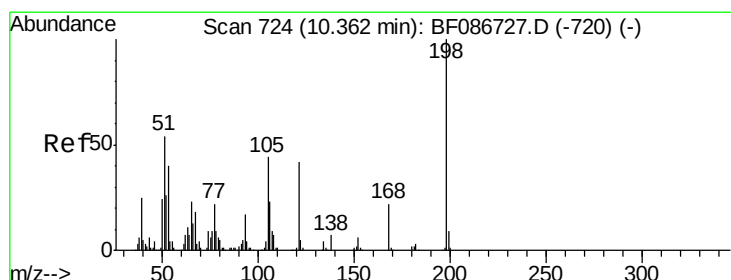
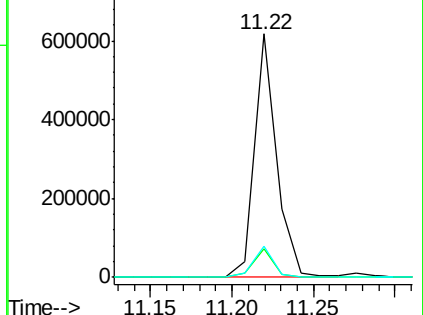
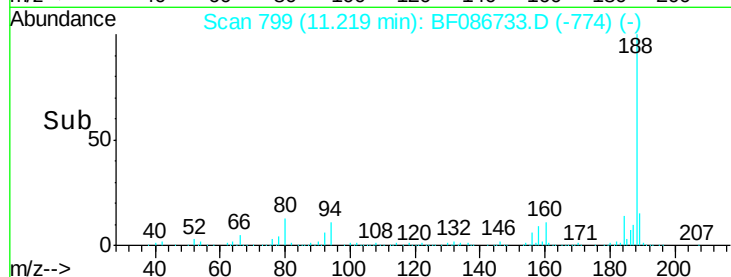
80 12.8 7.1 10.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.61 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.17 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

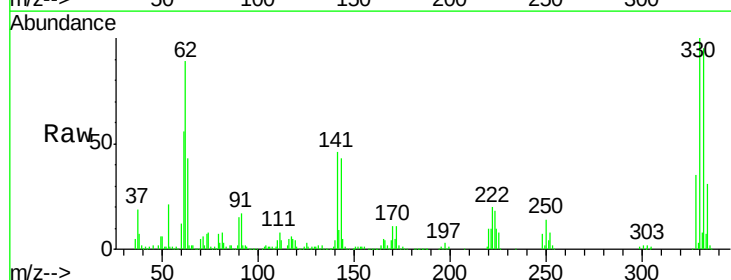
Tgt Ion:198 Resp: 1027

Ion Ratio Lower Upper

198 100

51 318.4 20.5 60.5#

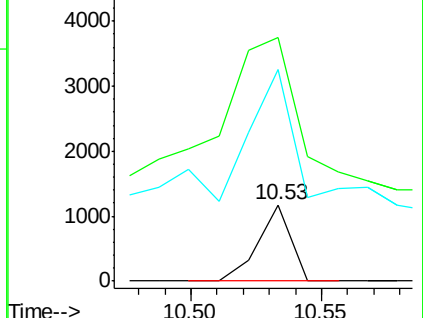
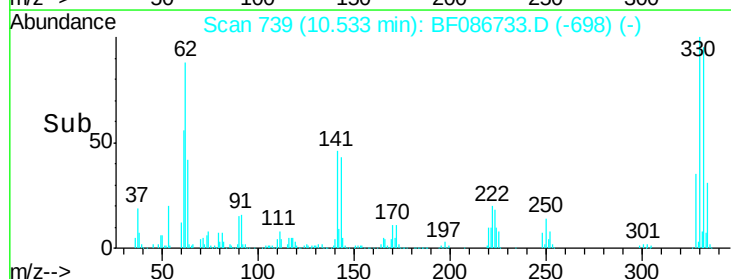
105 277.3 24.5 64.5#

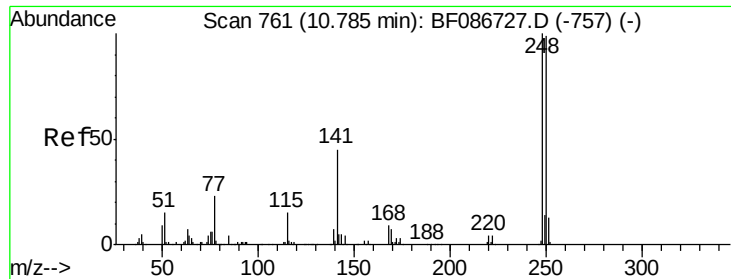


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

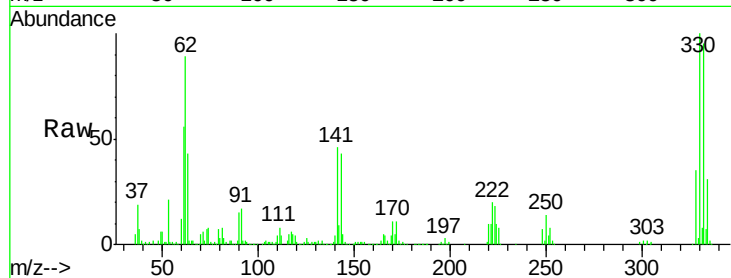




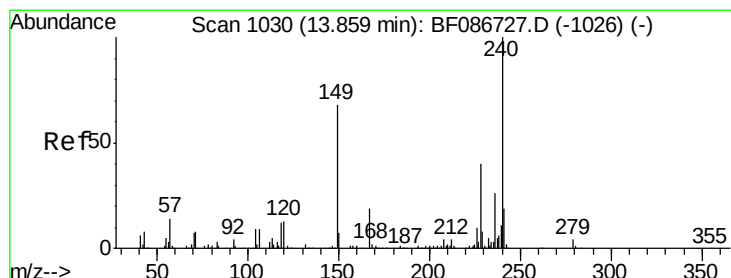
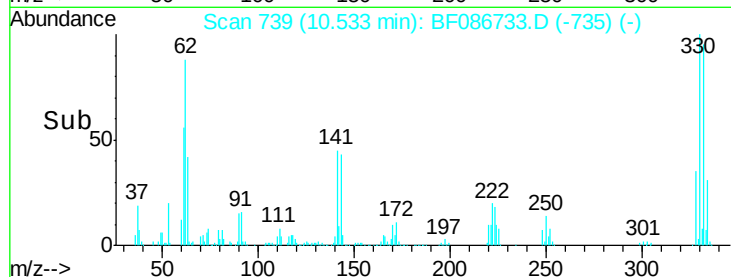
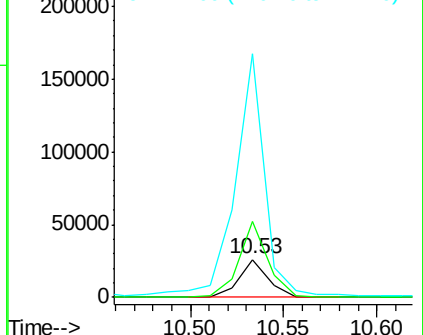
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28176
Ion Ratio Lower Upper
248 100
250 199.8 78.6 117.8#
141 645.3 76.0 114.0#

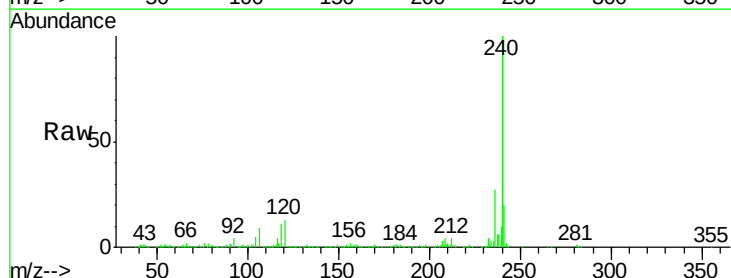


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

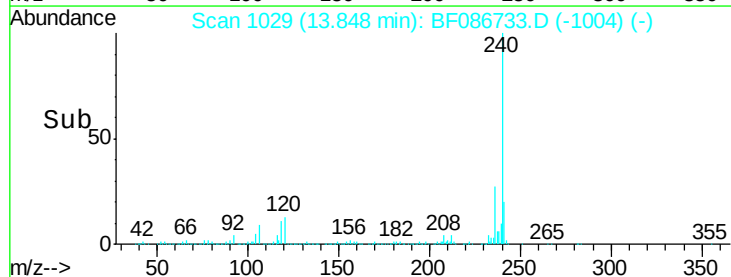
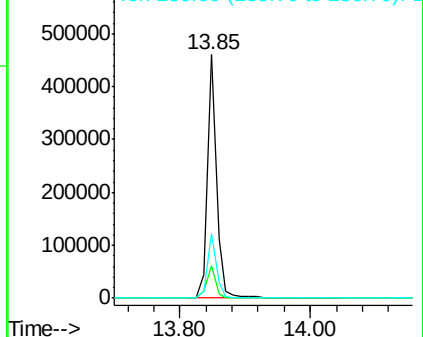


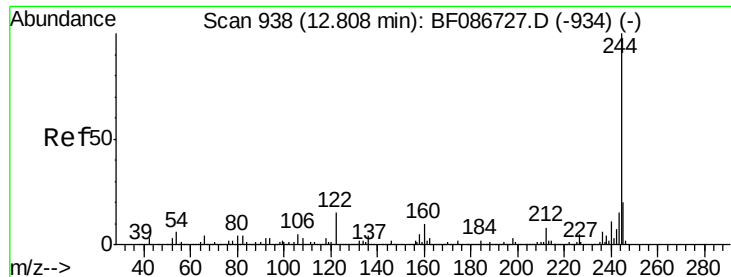
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Tgt Ion:240 Resp: 451537
Ion Ratio Lower Upper
240 100
120 13.3 11.2 16.8
236 26.6 21.2 31.8



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: 64.64 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

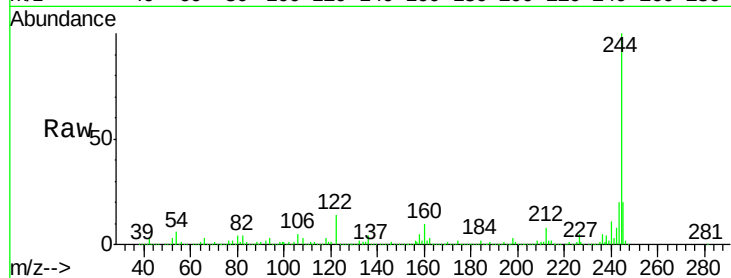
Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:244 Resp: 1444236

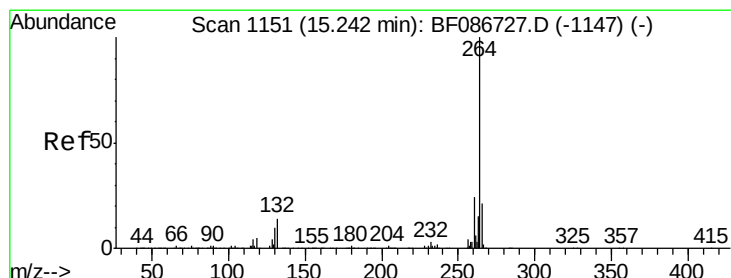
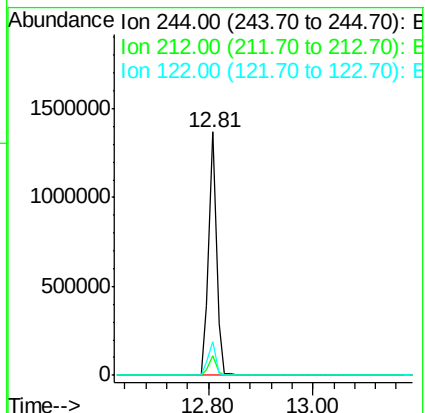
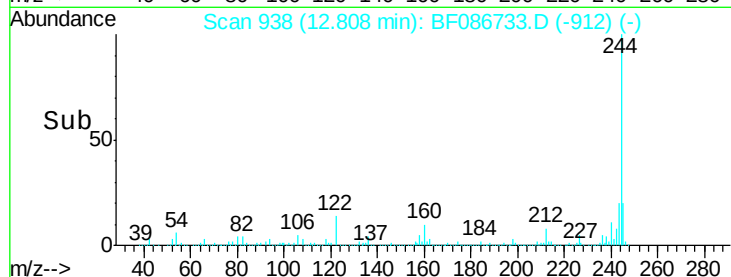
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.6	12.0	18.0



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

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

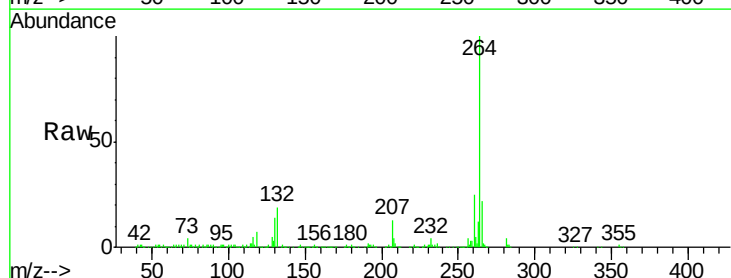
Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Tgt Ion:264 Resp: 340933

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.3	25.9



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

