

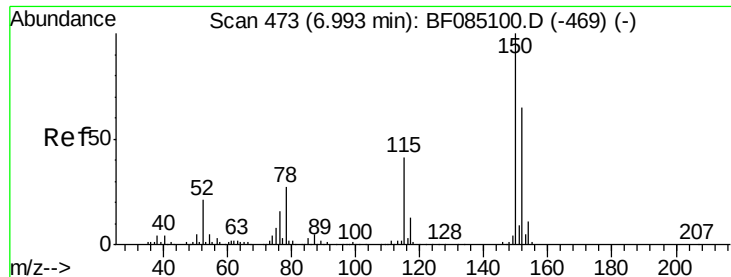
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085146.D
 Acq On : 3 Mar 2016 3:43
 Operator : SJ/IZ
 Sample : H1623-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Quant Time: Mar 03 04:50:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	185917	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	771239	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	338320	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	592282	20.00	ng	0.00
75) Chrysene-d12	14.15	240	395106	20.00	ng	0.00
86) Perylene-d12	15.63	264	375665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1413002	123.39	ng	0.03
7) Phenol-d6	6.62	99	1871643	124.67	ng	0.00
23) Nitrobenzene-d5	7.56	82	1339164	92.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	590191	173.59	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1890504	82.30	ng	0.00
78) Terphenyl-d14	13.10	244	1598062	94.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.76	77	34201	2.25	ng	81
19) n-Nitroso-di-n-propylamine	7.56	70	180315	18.23	ng	# 75
31) Naphthalene	8.30	128	469250	12.03	ng	97
32) Benzoic acid	7.96	122	1115	12.51	ng	99
33) 4-Chloroaniline	8.30	127	60478	3.92	ng	# 32
37) 2-Methylnaphthalene	8.98	142	56313	2.36	ng	99
50) 2,6-Dinitrotoluene	10.02	165	43461	8.35	ng	# 22
55) 4-Nitrophenol	10.23	139	13425	2.83	ng	# 23
56) 2,4-Dinitrotoluene	10.02	165	43463	6.20	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1217	7.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	34613	5.57	ng	# 1

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

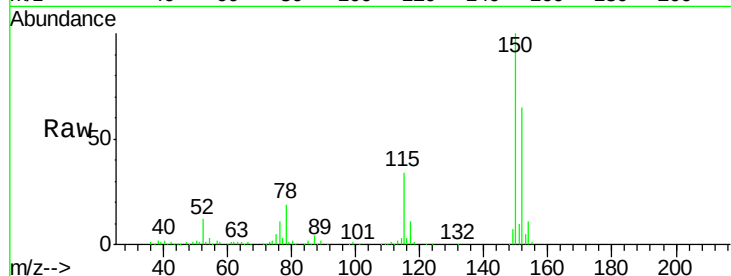


#1

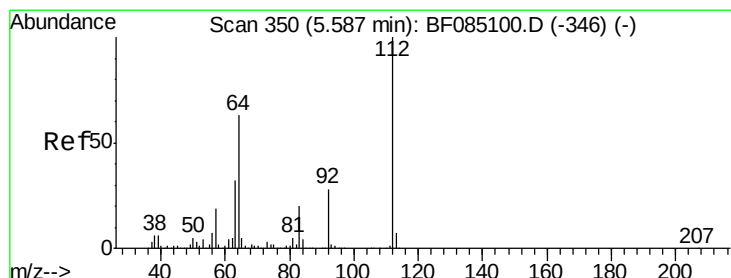
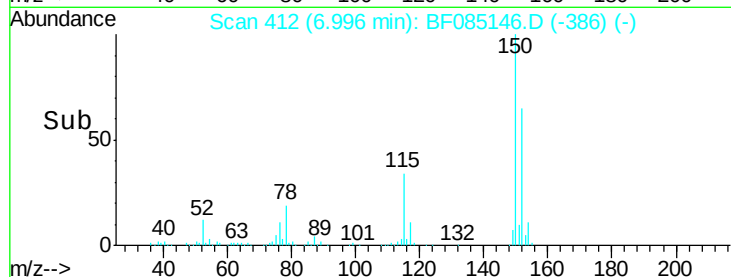
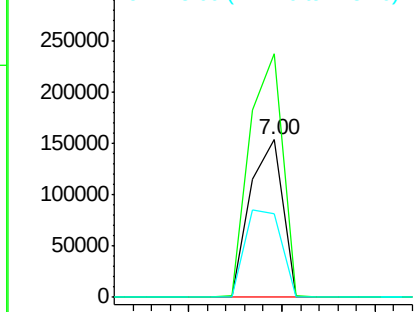
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:152 Resp: 185917
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.0
115 53.1 50.0 75.0



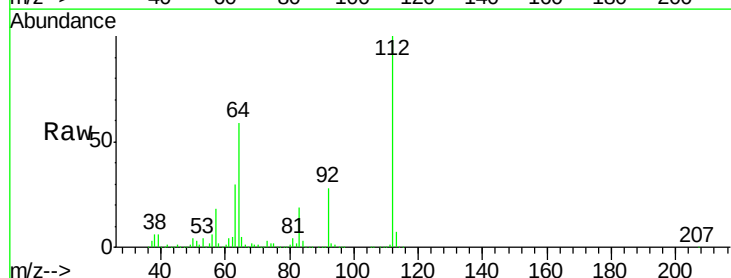
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



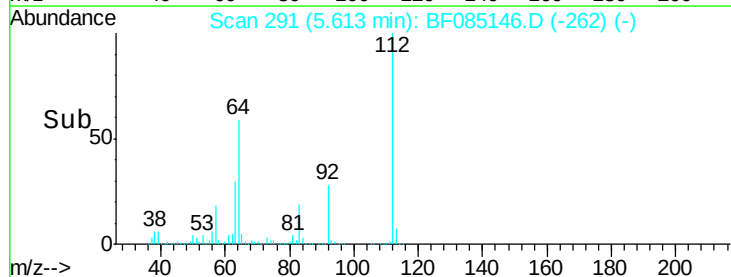
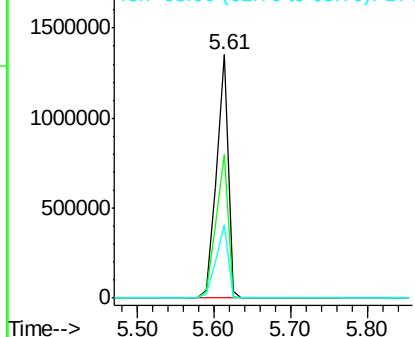
#5

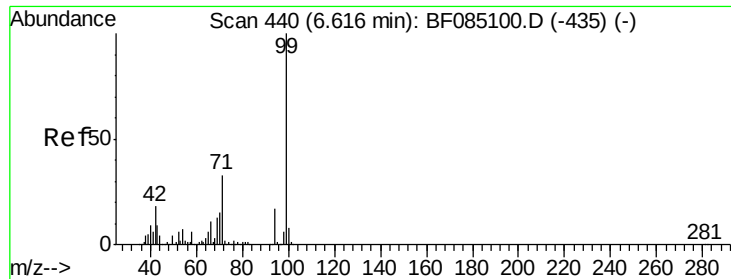
2-Fluorophenol
Concen: 123.39 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:112 Resp: 1413002
Ion Ratio Lower Upper
112 100
64 59.0 50.6 76.0
63 30.0 25.5 38.3



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: 124.67 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

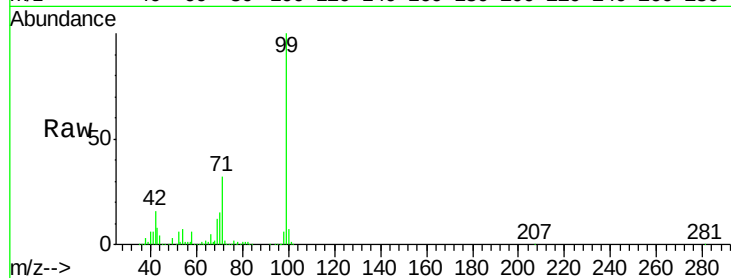
BNA_F

ClientSampleId :

HSR-WC-38-022516

Tgt Ion: 99 Resp: 1871643

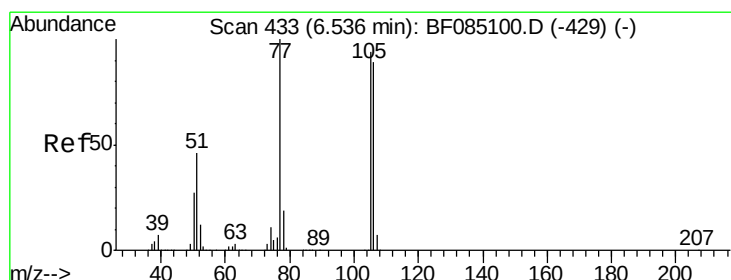
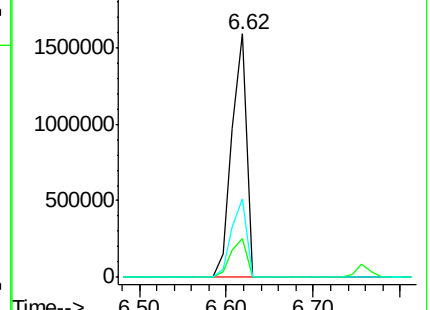
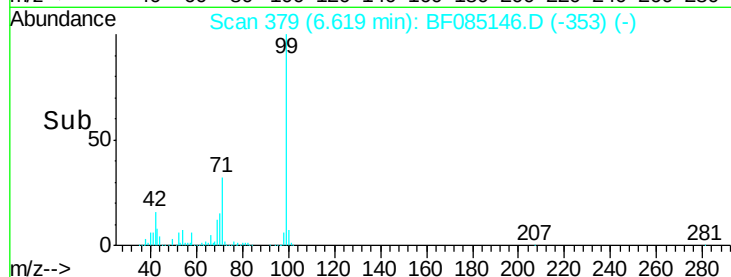
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	32.3	26.8	40.2



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



#9

Benzaldehyde

Concen: 2.25 ng

RT: 6.76 min Scan# 391

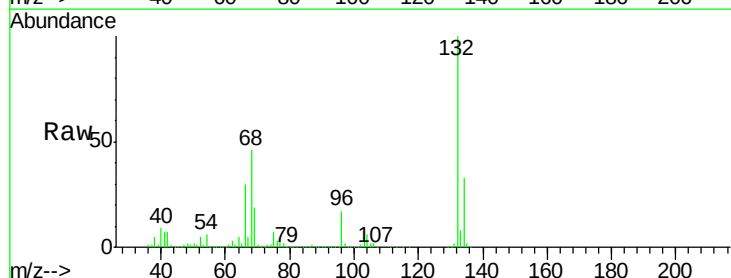
Delta R.T. 0.22 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Tgt Ion: 77 Resp: 34201

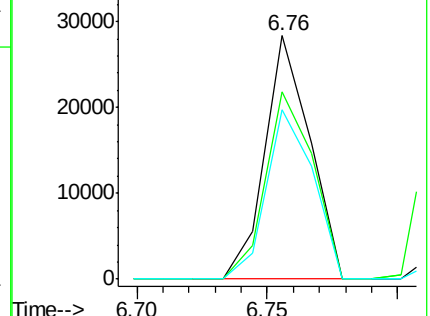
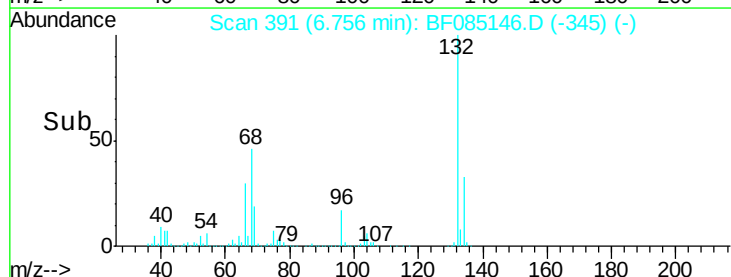
Ion	Ratio	Lower	Upper
77	100		
105	77.1	73.7	113.7
106	69.8	69.2	109.2

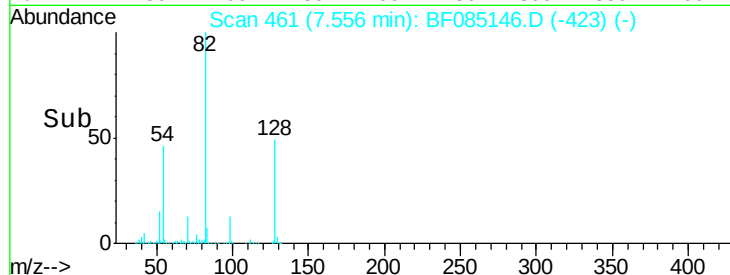
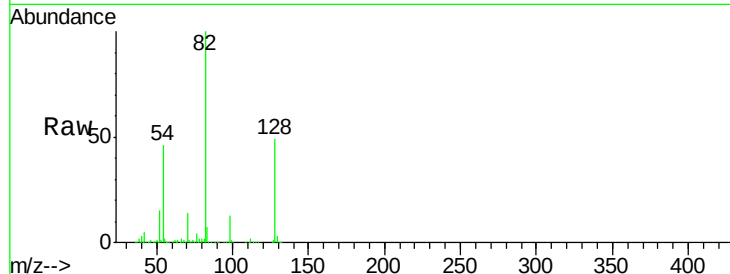
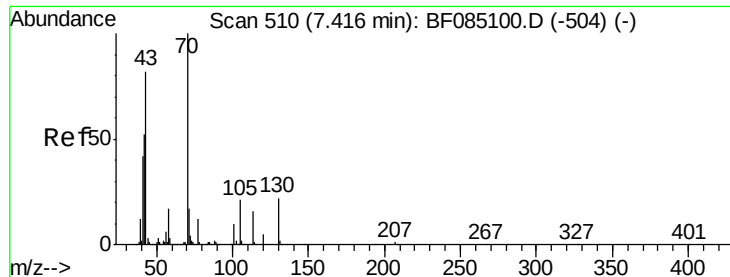


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

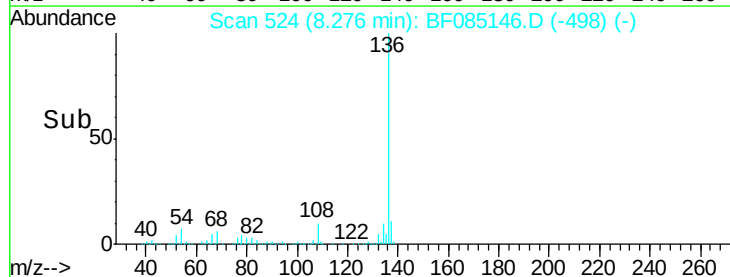
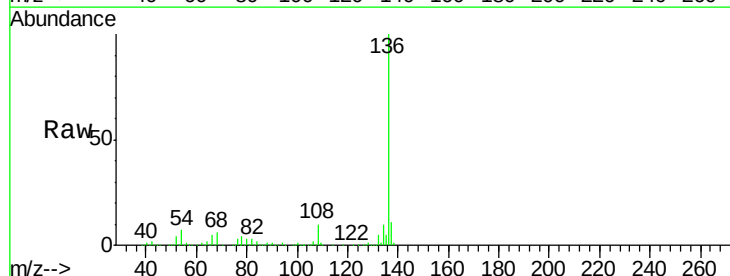
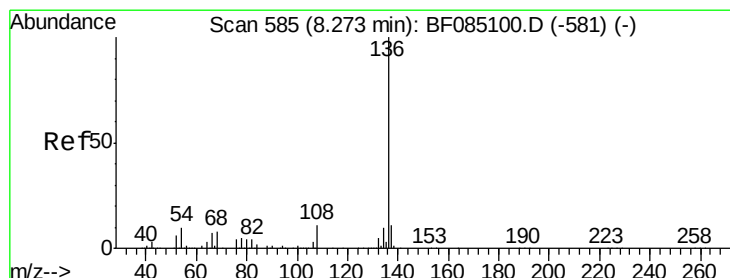
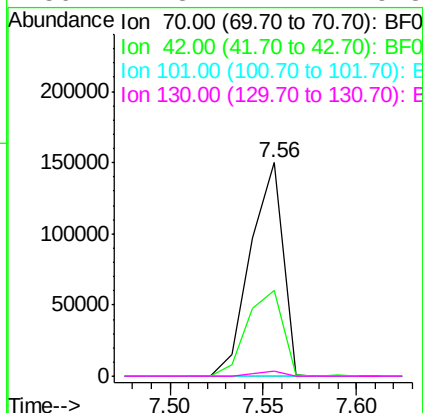




#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

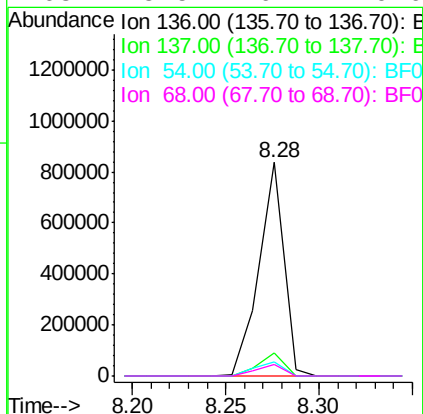
Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

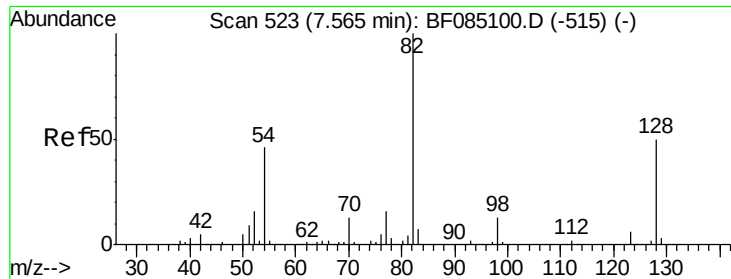
Tgt Ion:	70	Resp:	180315
Ion	Ratio	Lower	Upper
70	100		
42	39.9	41.9	62.9#
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:	136	Resp:	771239
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	8.5	12.7#
68	5.5	6.4	9.6#

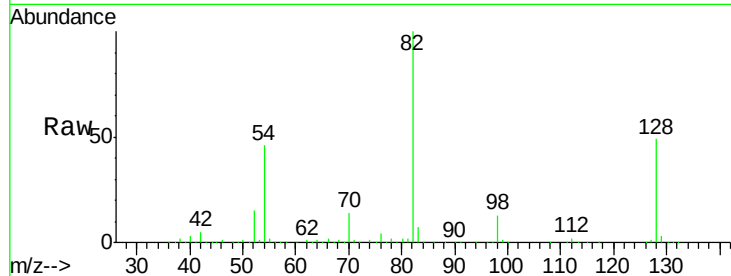




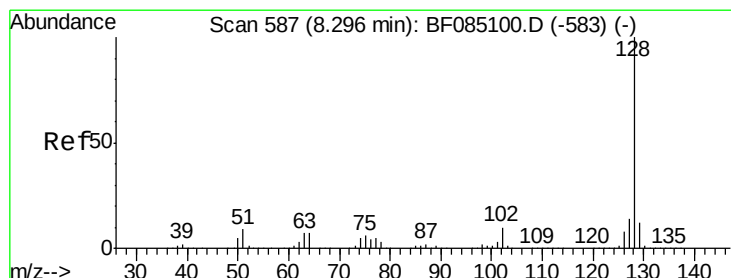
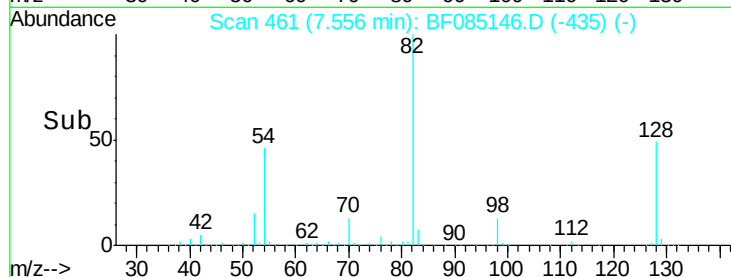
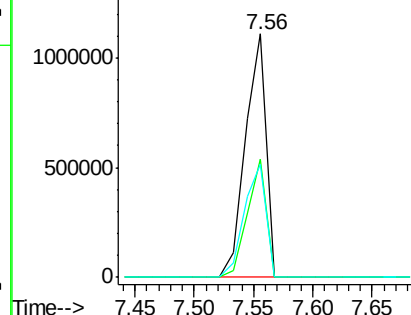
#23
 Nitrobenzene-d5
 Concen: 92.38 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Tgt Ion: 82 Resp: 1339164
 Ion Ratio Lower Upper
 82 100
 128 48.8 39.8 59.6
 54 46.2 36.6 54.8

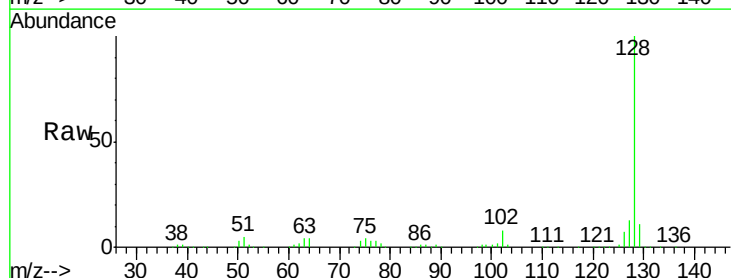


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

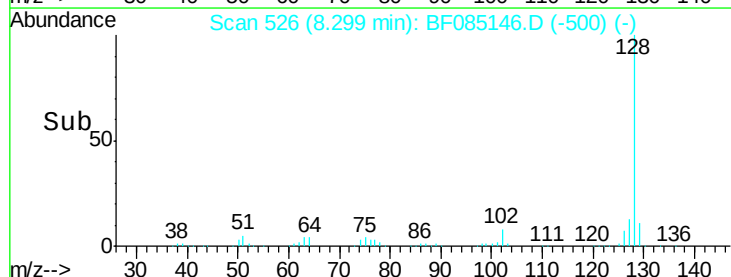
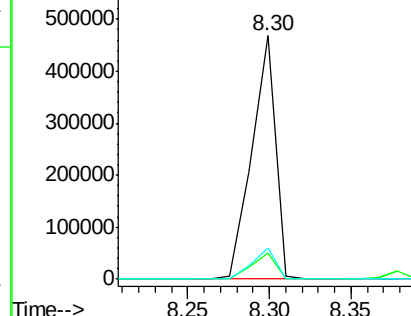


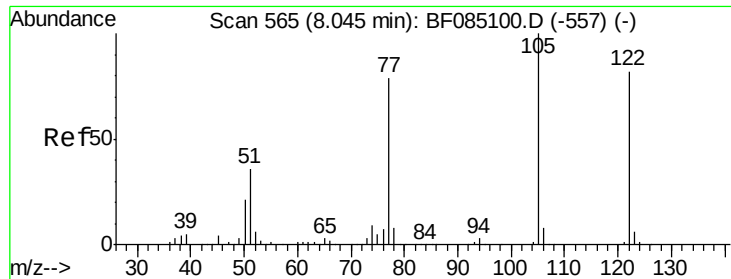
#31
 Naphthalene
 Concen: 12.03 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Tgt Ion: 128 Resp: 469250
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.7 14.5
 127 12.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

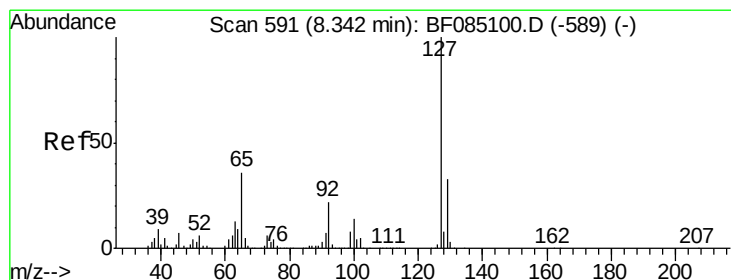
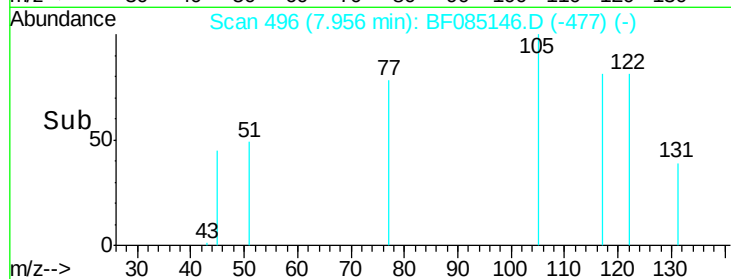
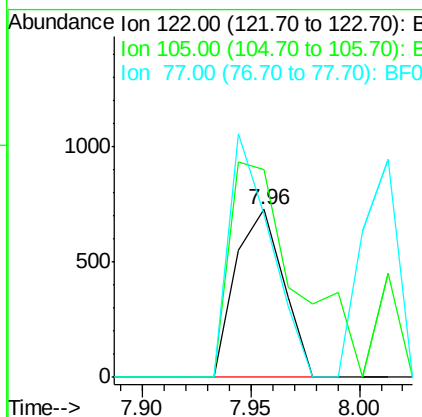
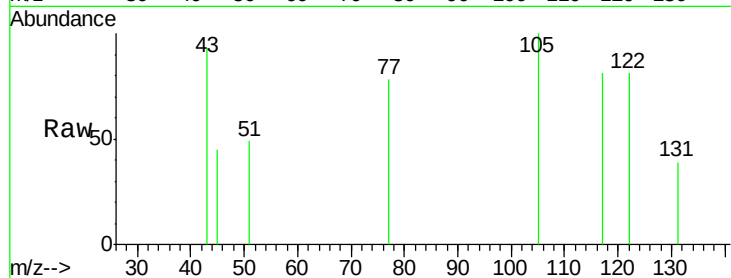




#32
Benzoic acid
Concen: 12.51 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

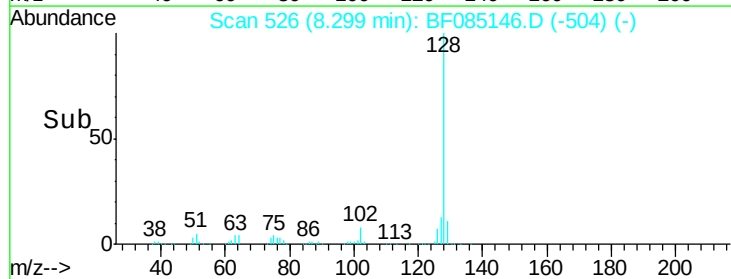
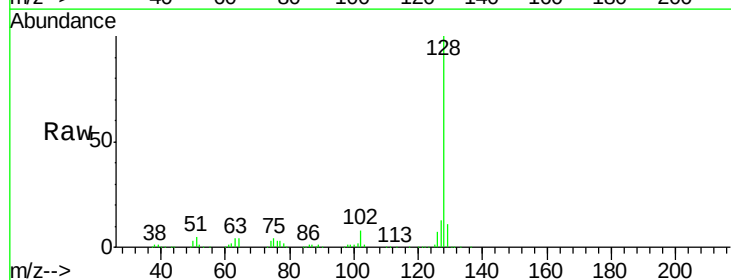
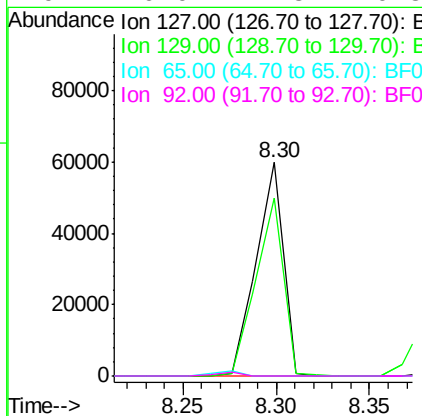
Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

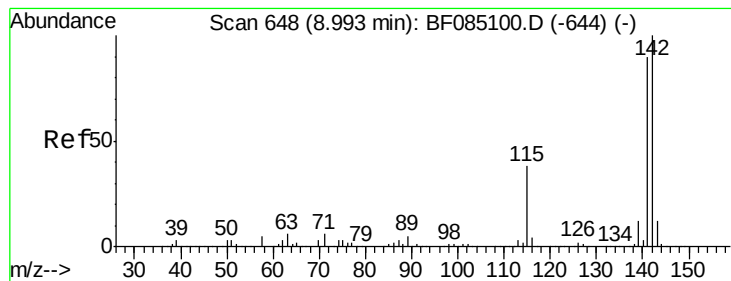
Tgt Ion:122 Resp: 1115
Ion Ratio Lower Upper
122 100
105 123.7 102.0 142.0
77 97.1 76.8 116.8



#33
4-Chloroaniline
Concen: 3.92 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:127 Resp: 60478
Ion Ratio Lower Upper
127 100
129 83.1 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#





#37

2-Methylnaphthalene

Concen: 2.36 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-38-022516

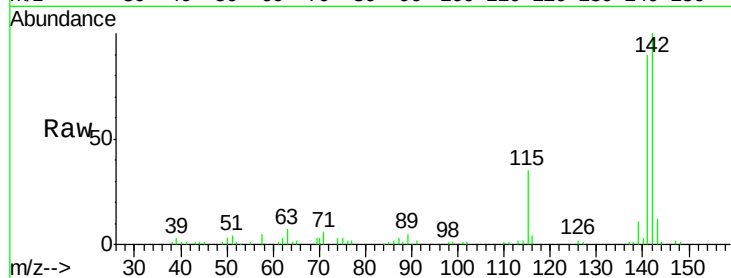
Tgt Ion:142 Resp: 56313

Ion Ratio Lower Upper

142 100

141 89.7 71.7 107.5

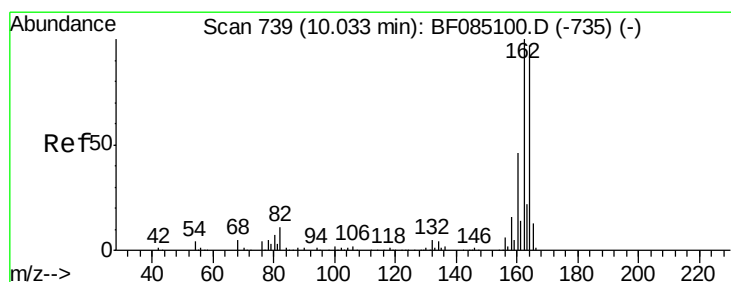
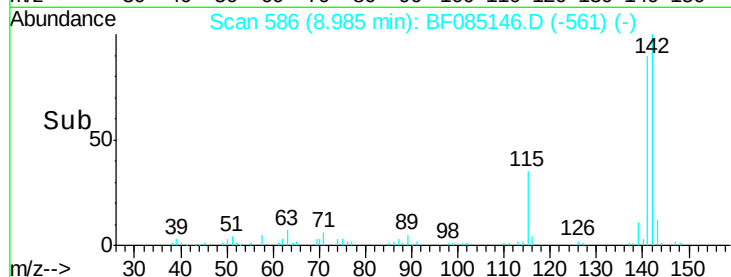
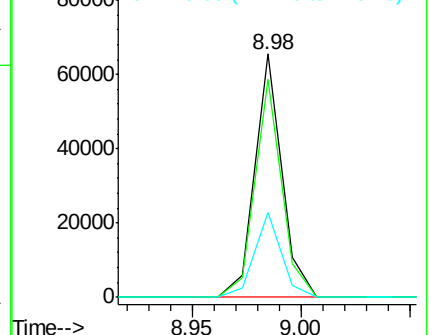
115 34.8 30.1 45.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

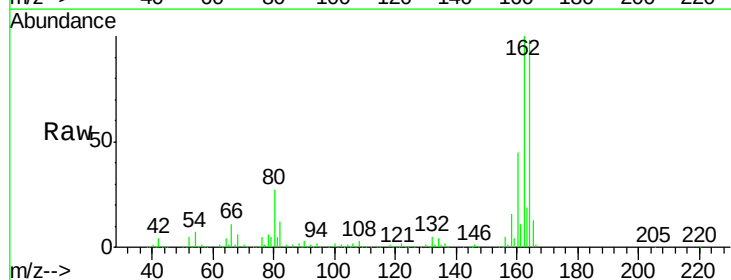
Tgt Ion:164 Resp: 338320

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

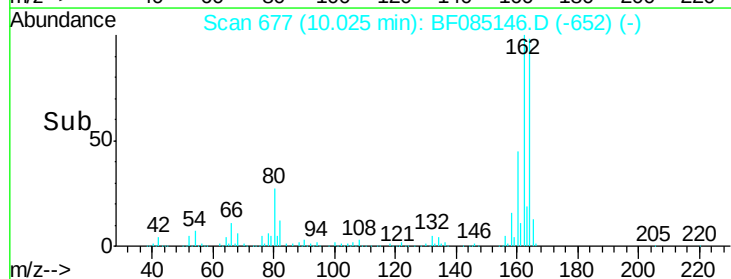
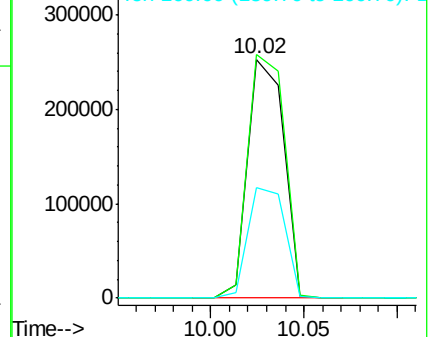
160 46.1 38.2 57.2

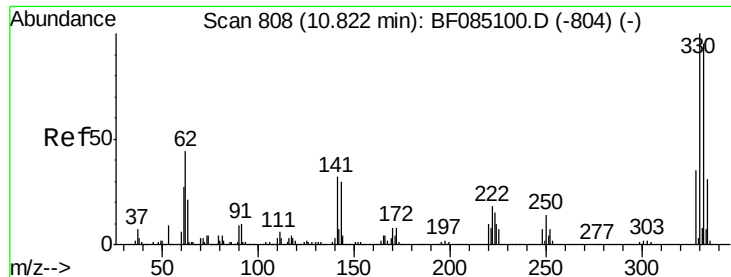


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

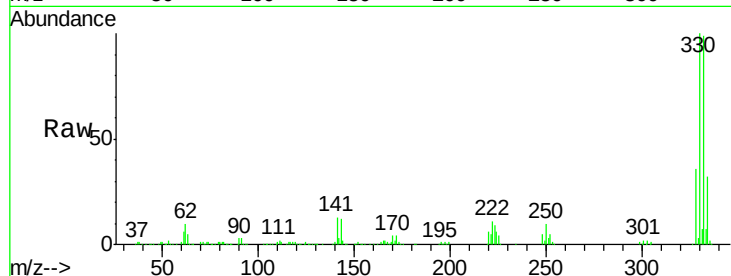




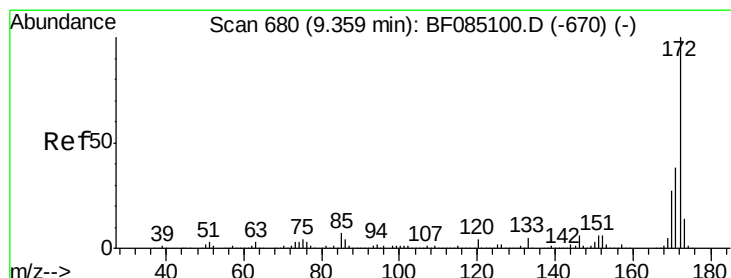
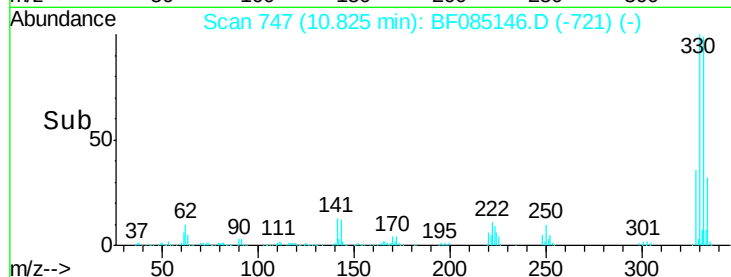
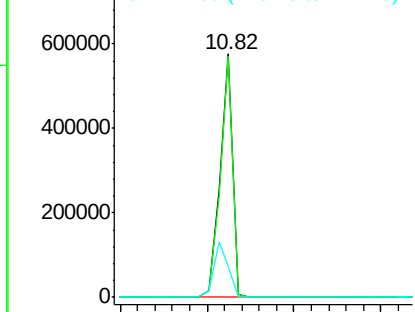
#41
 2,4,6-Tribromophenol
 Concen: 173.59 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Tgt Ion:330 Resp: 590191
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.9 113.9
 141 25.9 28.9 43.3#

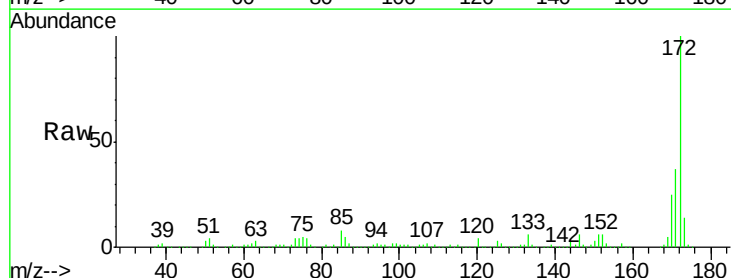


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

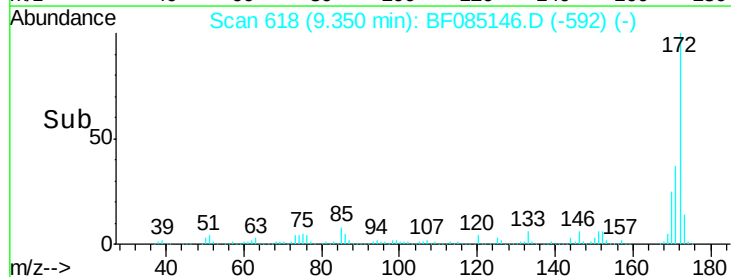
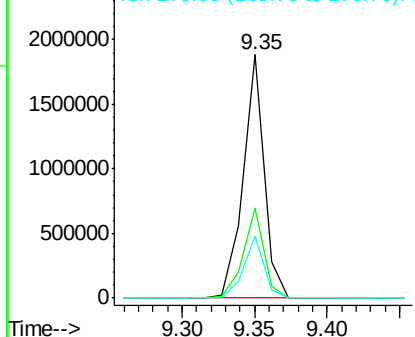


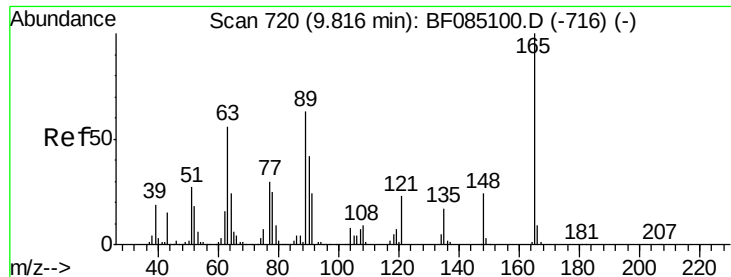
#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Tgt Ion:172 Resp: 1890504
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 25.4 21.2 31.8



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

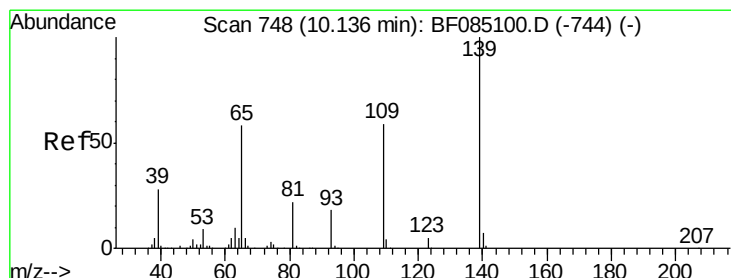
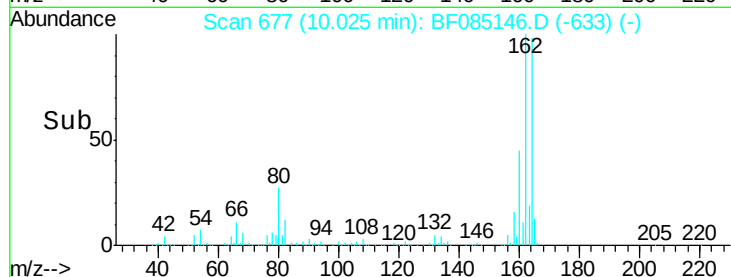
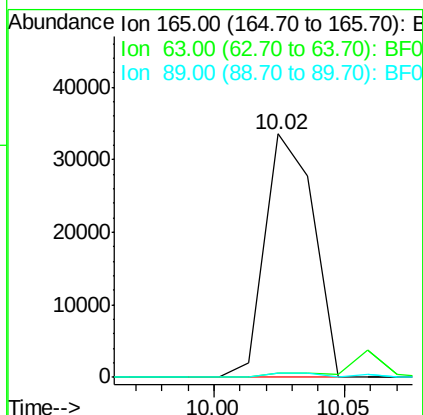
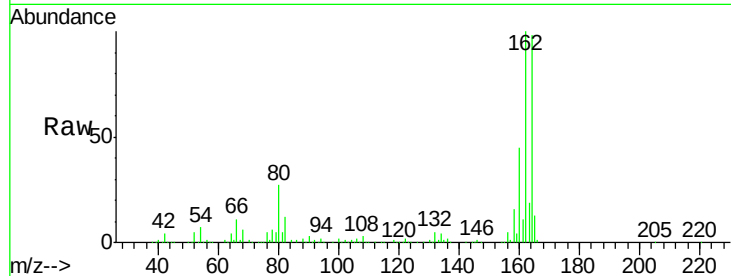




#50
 2,6-Dinitrotoluene
 Concen: 8.35 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

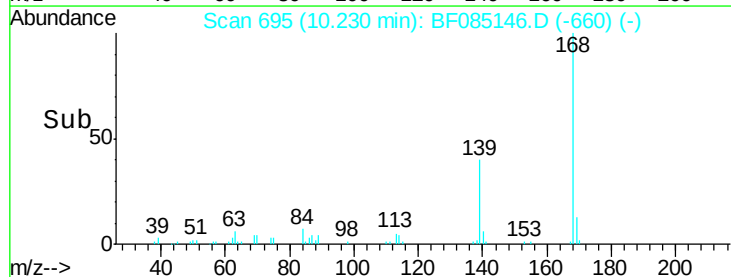
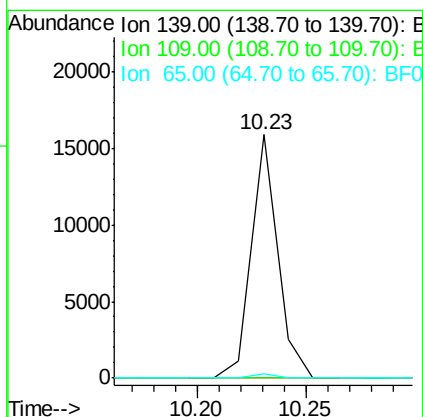
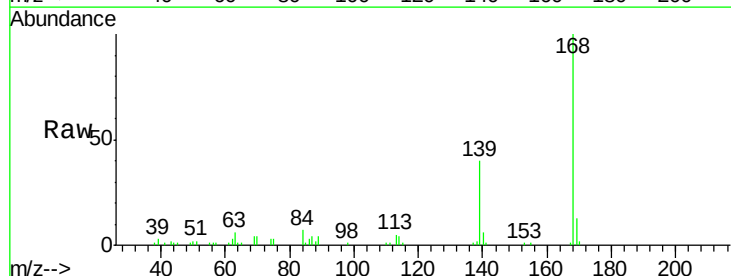
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

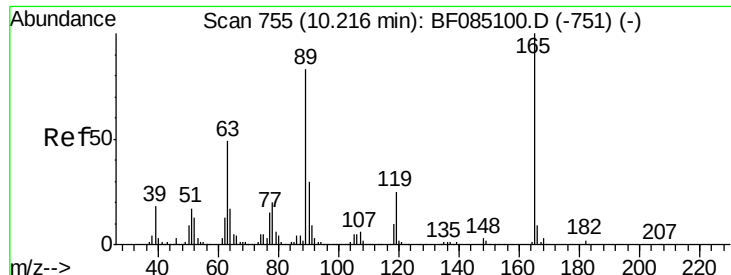
Tgt Ion:165 Resp: 43461
 Ion Ratio Lower Upper
 165 100
 63 1.7 47.4 71.2#
 89 1.7 50.2 75.2#



#55
 4-Nitrophenol
 Concen: 2.83 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.09 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Tgt Ion:139 Resp: 13425
 Ion Ratio Lower Upper
 139 100
 109 0.0 39.5 79.5#
 65 1.9 38.4 78.4#

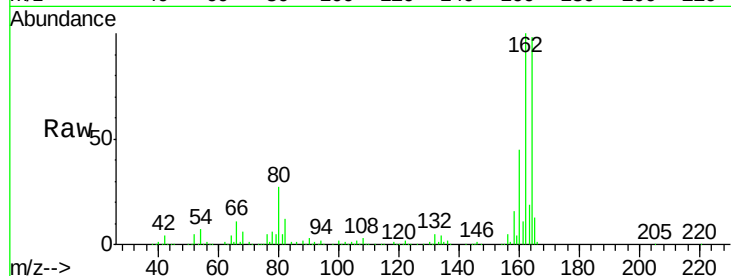




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	39.2	58.8#
89	1.7	66.2	99.4#
182	0.0	1.8	2.8#

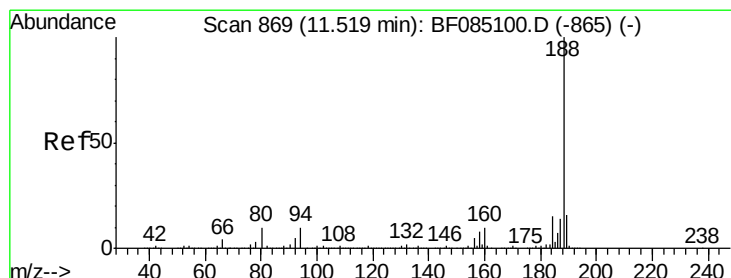
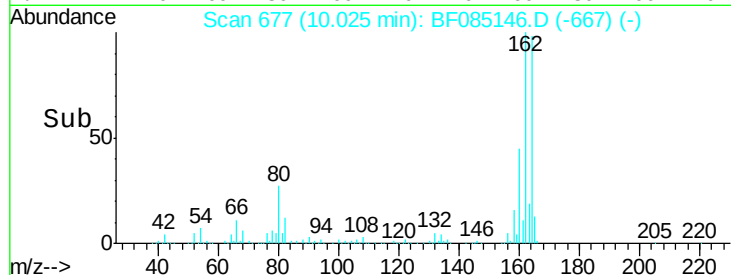
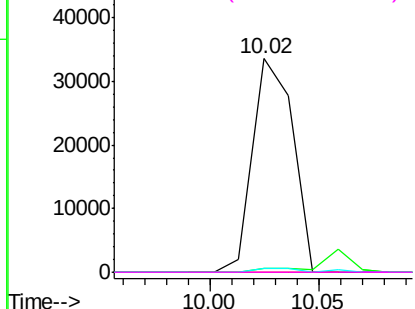


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

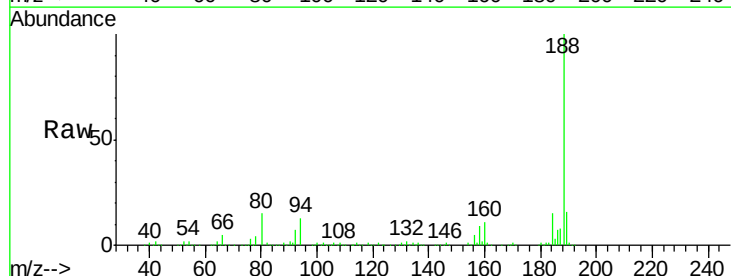
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

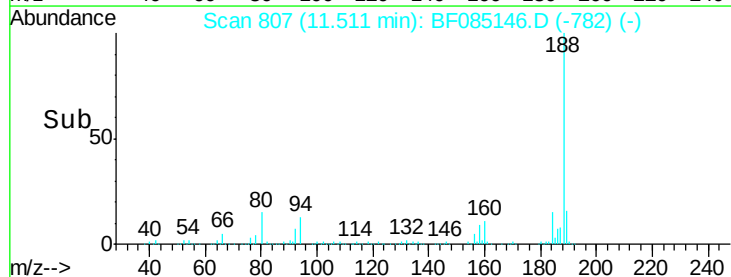
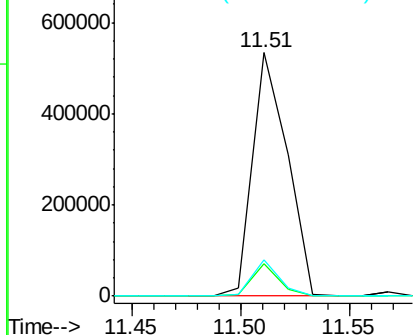
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	7.8	11.6#
80	14.7	8.2	12.4#

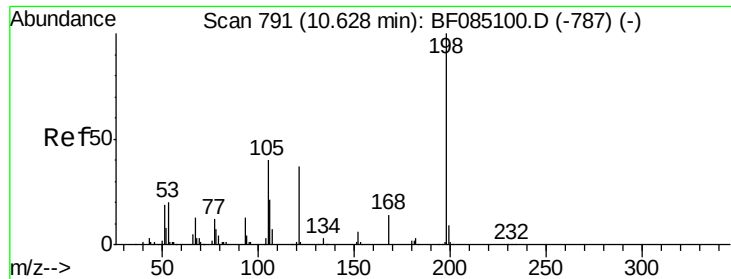


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.49 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-38-022516

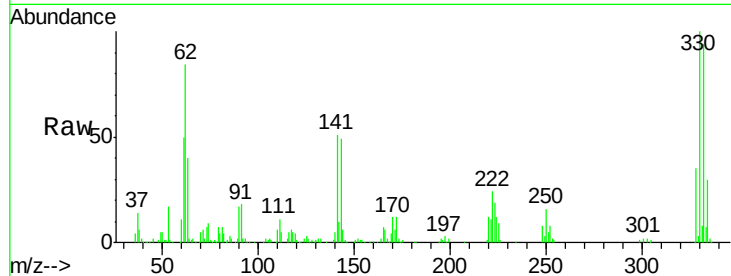
Tgt Ion:198 Resp: 1217

Ion Ratio Lower Upper

198 100

51 199.7 12.5 52.5#

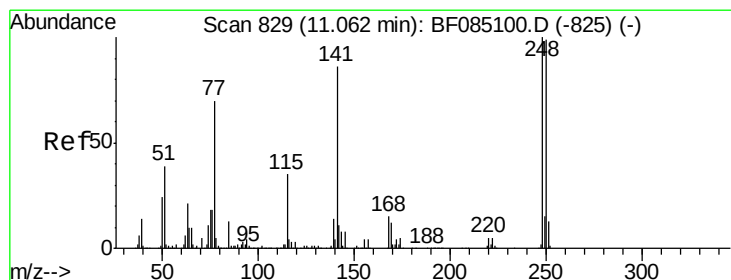
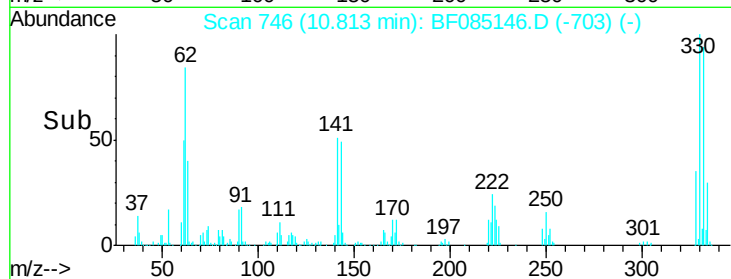
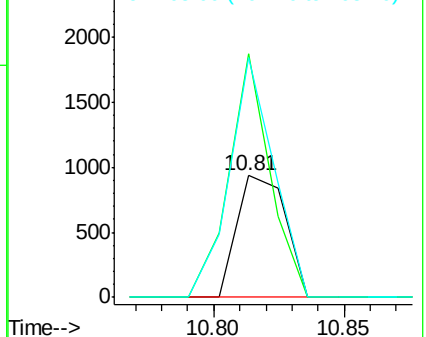
105 196.7 20.2 60.2#



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: 5.57 ng

RT: 10.82 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

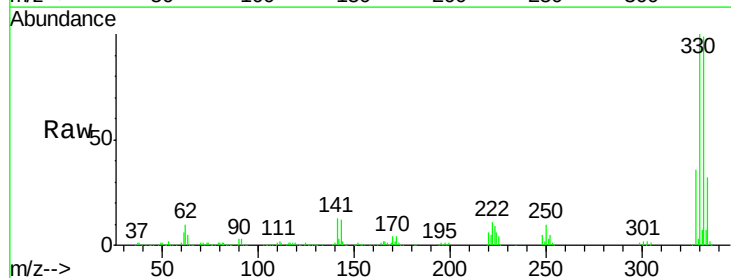
Tgt Ion:248 Resp: 34613

Ion Ratio Lower Upper

248 100

250 209.0 79.0 118.4#

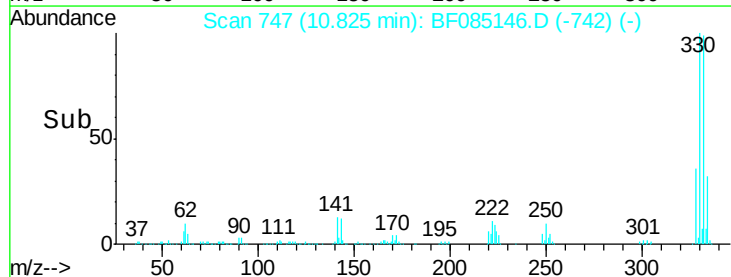
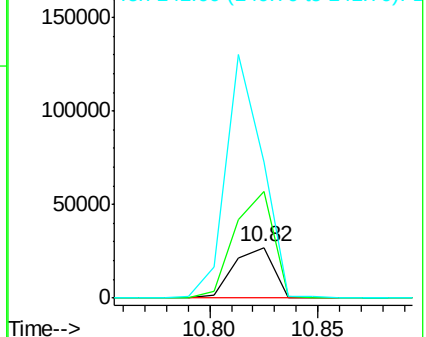
141 268.6 68.6 103.0#

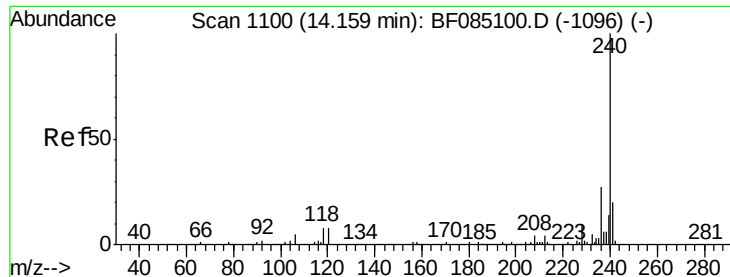


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-38-022516

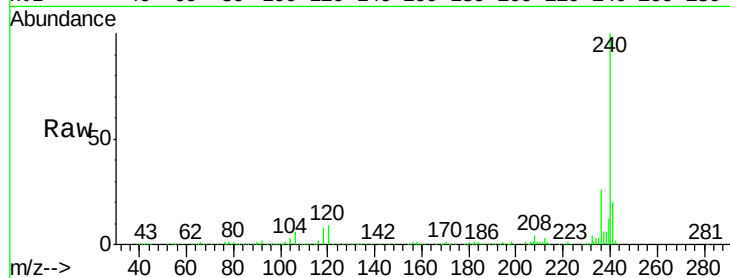
Tgt Ion:240 Resp: 395106

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

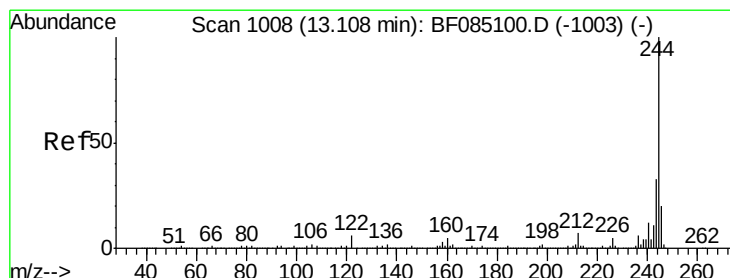
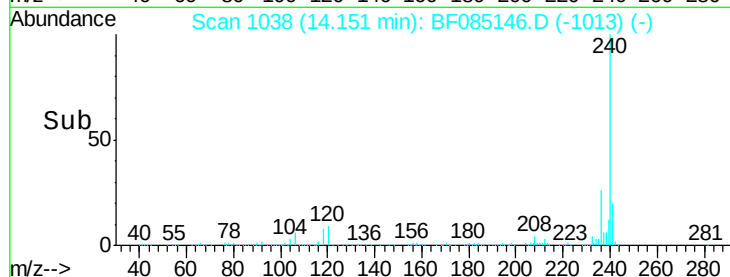
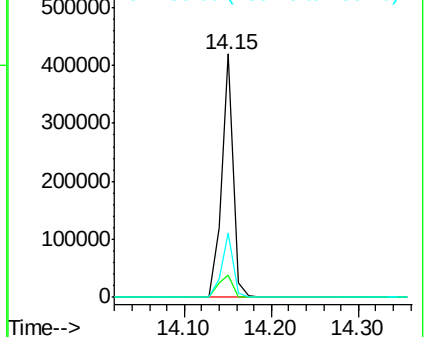
236 26.4 21.6 32.4



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: 94.88 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

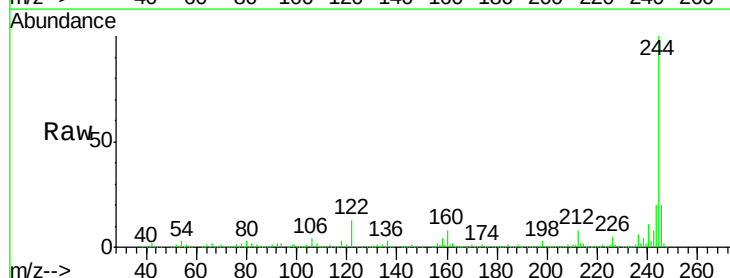
Tgt Ion:244 Resp: 1598062

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

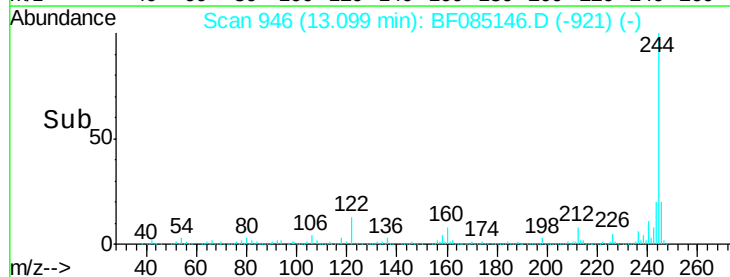
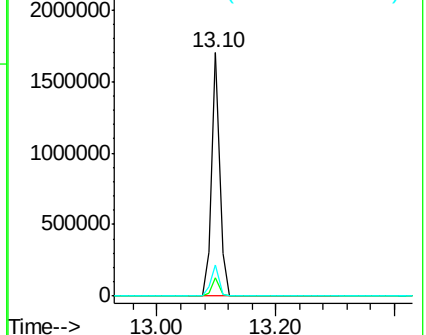
122 12.8 5.1 7.7#

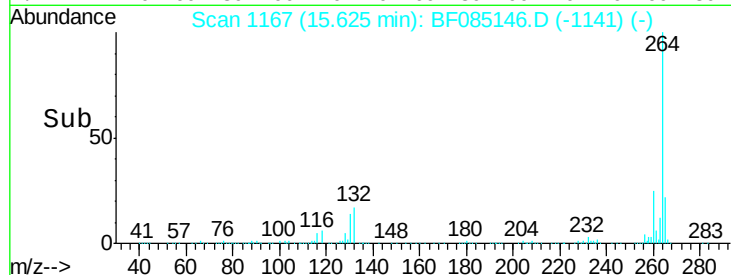
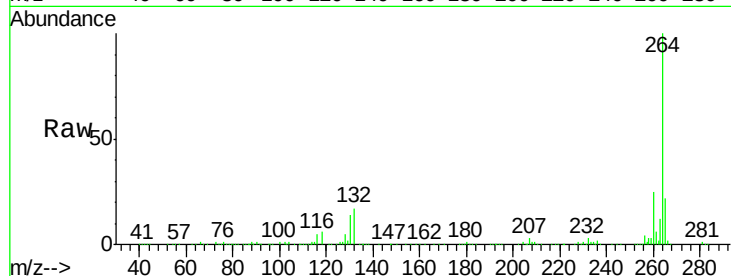
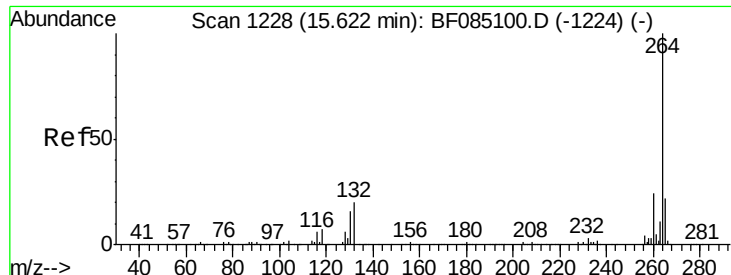


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:	264	Resp:	375665
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.1	17.4	26.2

