

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085137.D
 Acq On : 2 Mar 2016 23:34
 Operator : SJ/IZ
 Sample : H1623-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-29-022516

Quant Time: Mar 03 04:47:52 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	169146	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	695464	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	306665	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	523837	20.00	ng	0.00
75) Chrysene-d12	14.15	240	386785	20.00	ng	0.00
86) Perylene-d12	15.63	264	397468	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1436460	137.87	ng	0.03
7) Phenol-d6	6.62	99	1692081	123.88	ng	0.00
23) Nitrobenzene-d5	7.56	82	1288380	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	546852	177.45	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1780779	85.52	ng	0.00
78) Terphenyl-d14	13.10	244	1620245	98.27	ng	0.00

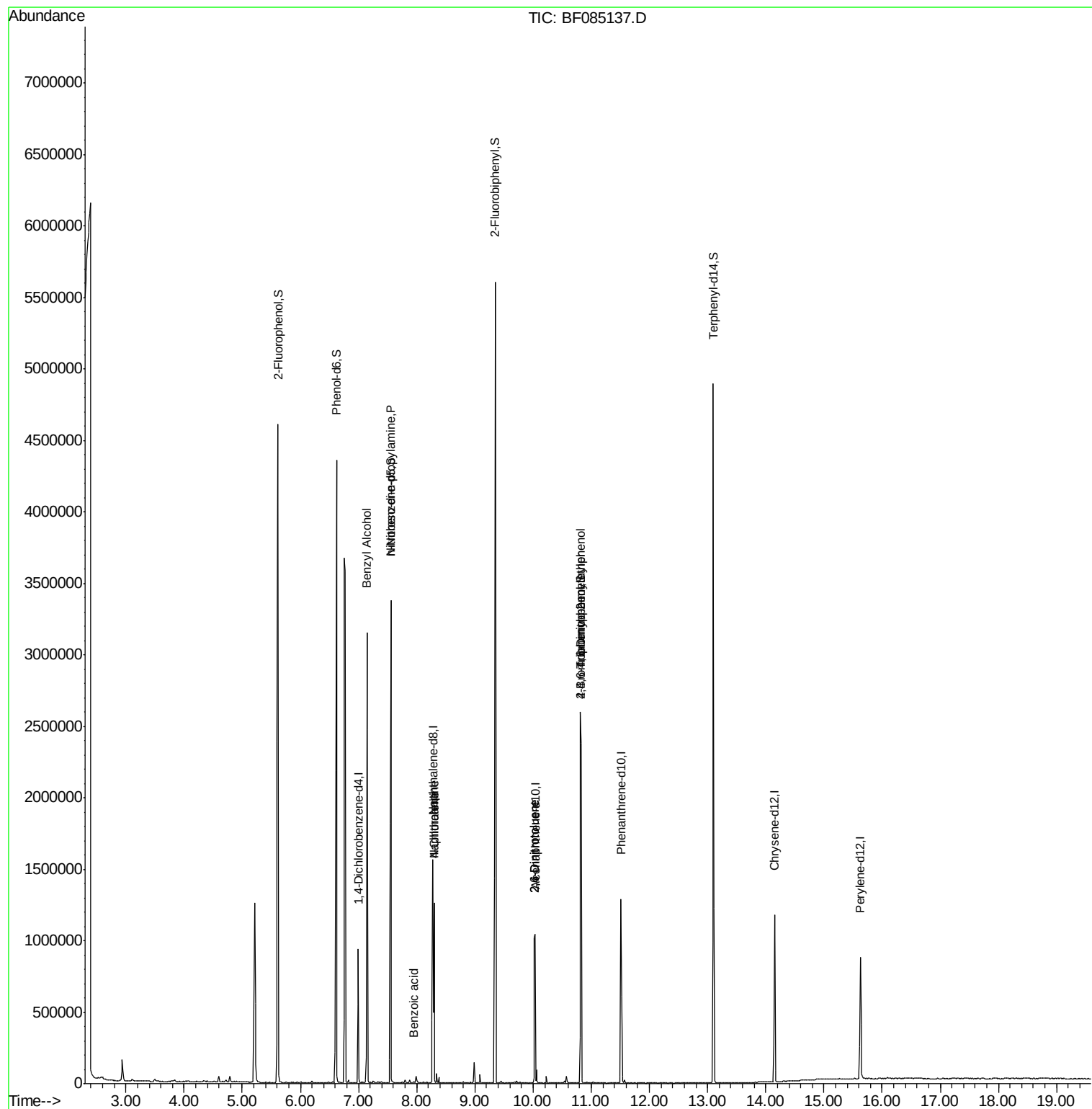
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	2326	Below Cal	#	4
15) Benzyl Alcohol	7.14	79	20297	2.04 ng	#	50
19) n-Nitroso-di-n-propylamine	7.56	70	176798	19.64 ng	#	78
31) Naphthalene	8.30	128	589562	16.76 ng		97
32) Benzoic acid	7.96	122	2526	12.68 ng		99
33) 4-Chloroaniline	8.30	127	75835	5.45 ng	#	31
50) 2,6-Dinitrotoluene	10.02	165	38393	8.14 ng	#	22
56) 2,4-Dinitrotoluene	10.02	165	38393	6.04 ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1077	7.49 ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	31340	5.70 ng	#	1

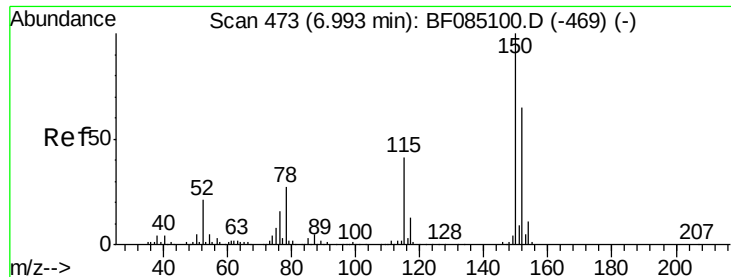
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-29-022516

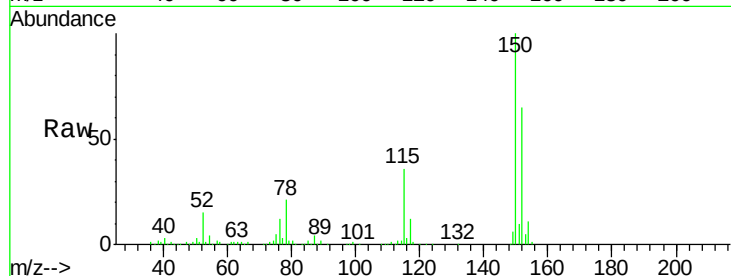
Tgt Ion:152 Resp: 169146

Ion Ratio Lower Upper

152 100

150 154.1 123.4 185.0

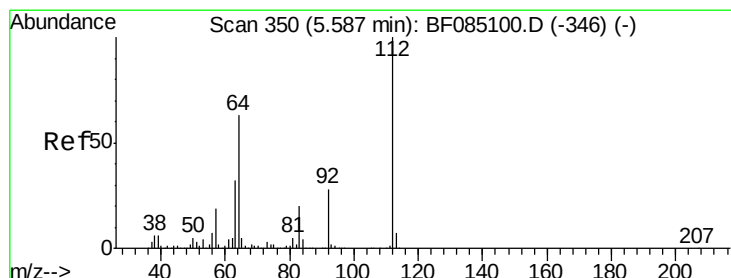
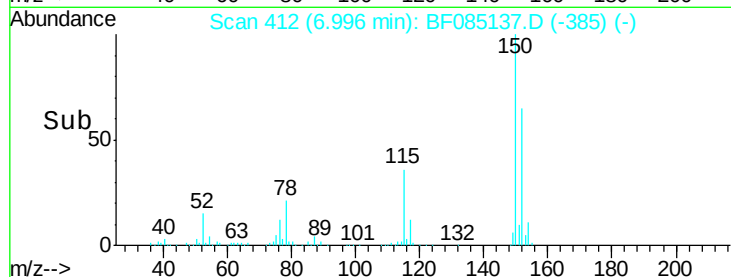
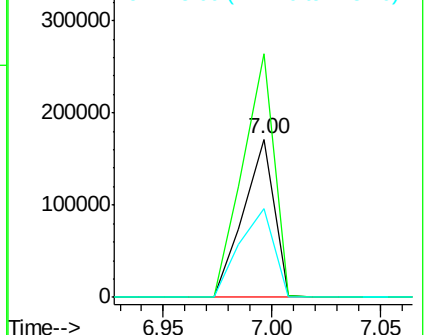
115 56.1 50.0 75.0



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: 137.87 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

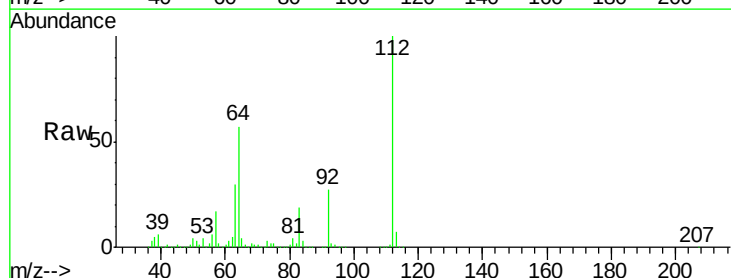
Tgt Ion:112 Resp: 1436460

Ion Ratio Lower Upper

112 100

64 57.4 50.6 76.0

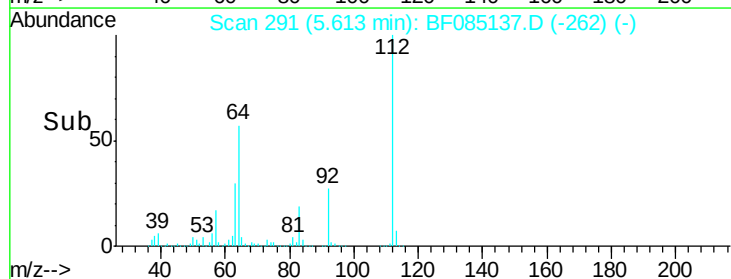
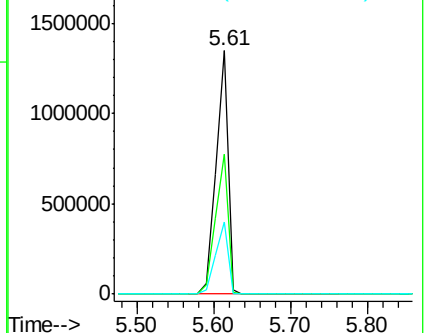
63 29.5 25.5 38.3

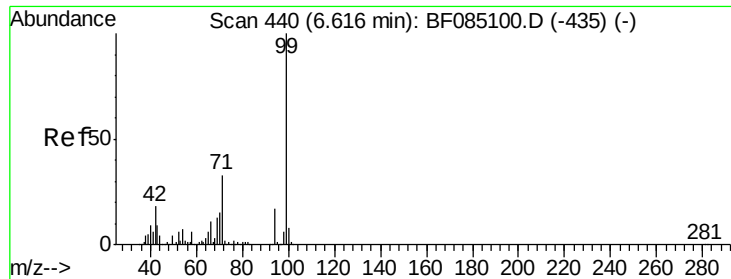


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.88 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

Instrument :

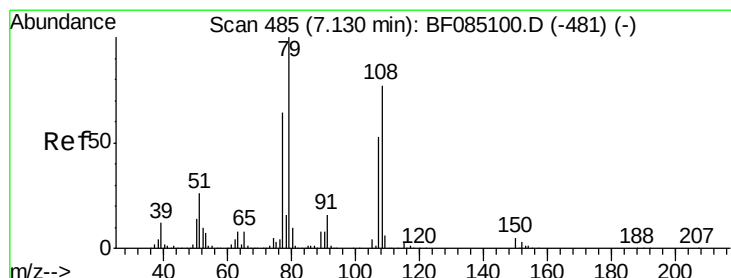
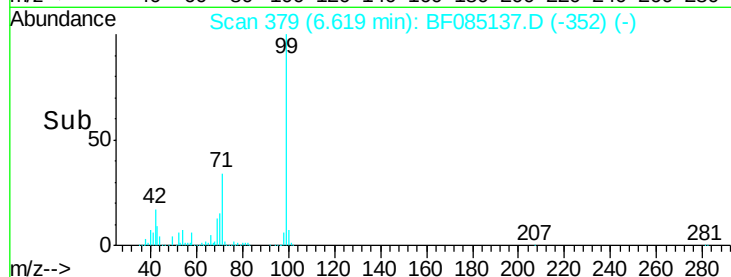
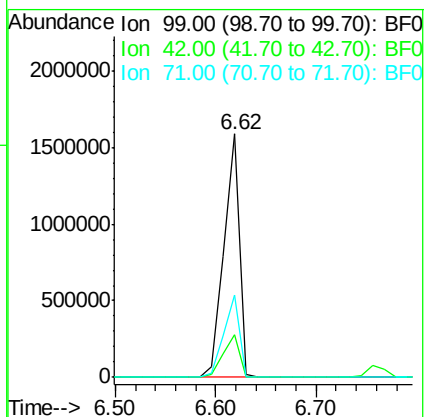
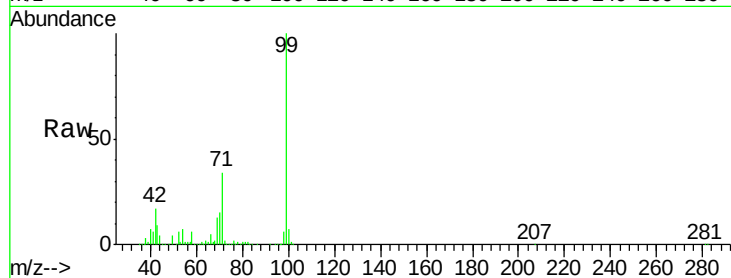
BNA_F

ClientSampleId :

HSR-WC-29-022516

Tgt Ion: 99 Resp: 1692081

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	33.9	26.8	40.2



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.14 min Scan# 425

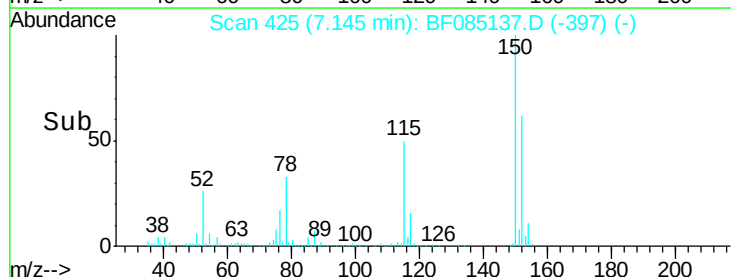
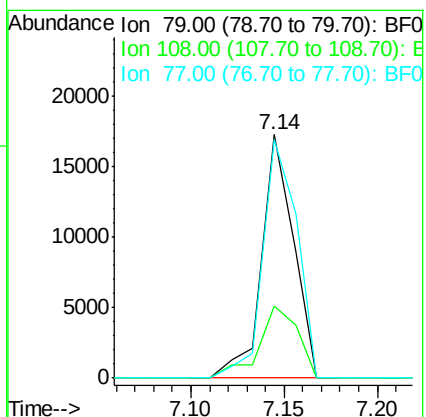
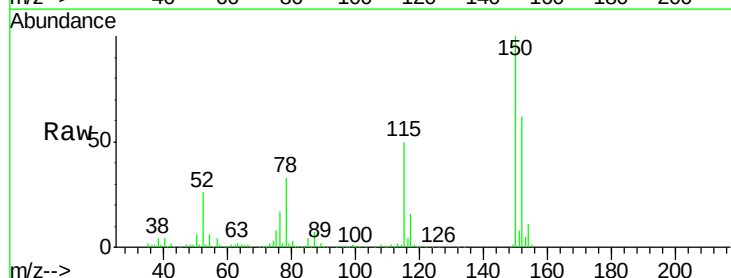
Delta R.T. 0.01 min

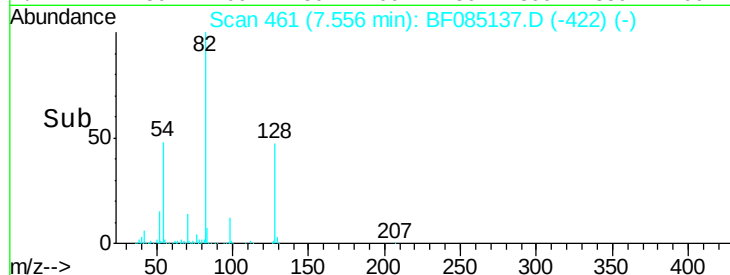
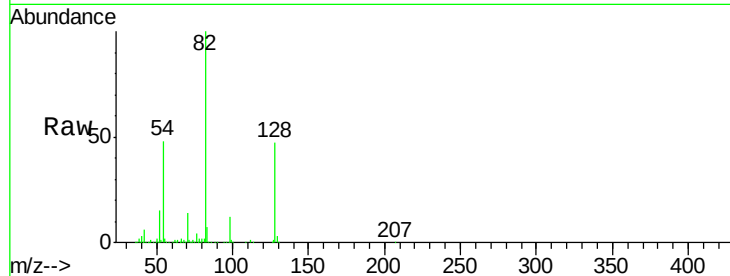
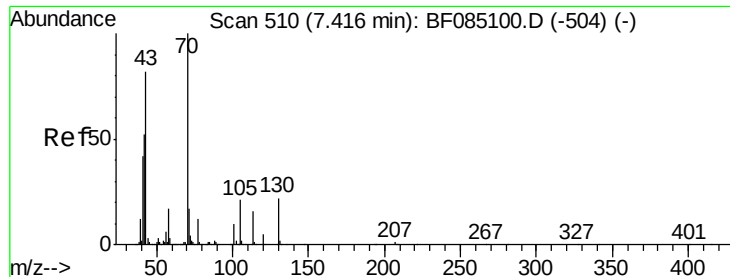
Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

Tgt Ion: 79 Resp: 20297

Ion	Ratio	Lower	Upper
79	100		
108	29.4	61.8	92.6#
77	98.1	51.2	76.8#

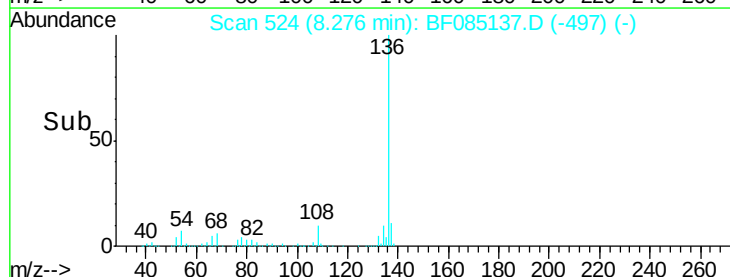
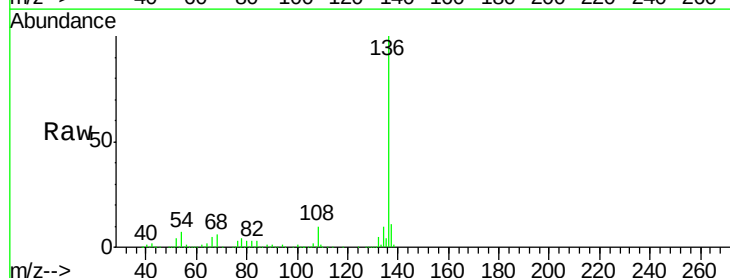
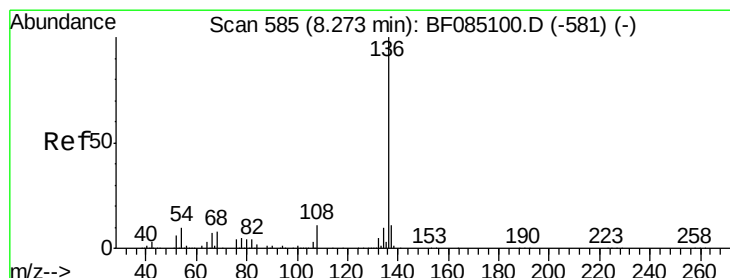
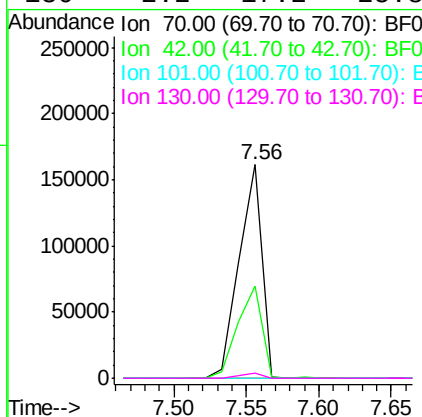




#19
n-Nitroso-di-n-propylamine
Concen: 19.64 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

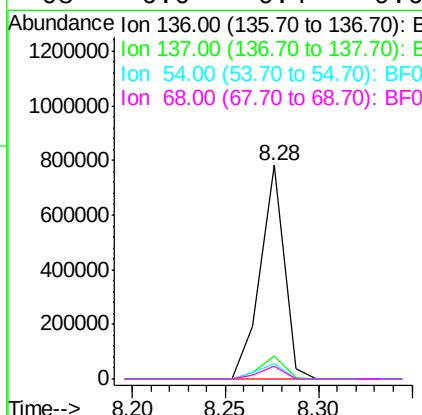
Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

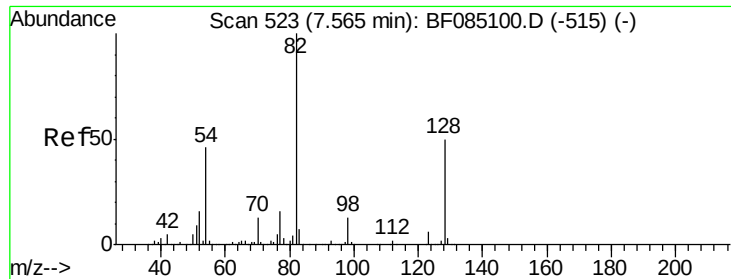
Tgt Ion: 70 Resp: 176798
Ion Ratio Lower Upper
70 100
42 43.1 41.9 62.9
101 0.0 7.8 11.8#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion: 136 Resp: 695464
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 8.5 12.7#
68 6.0 6.4 9.6#

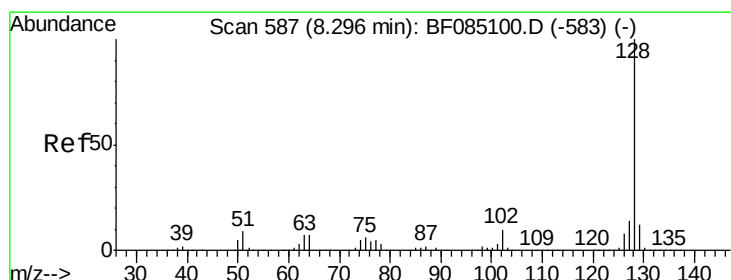
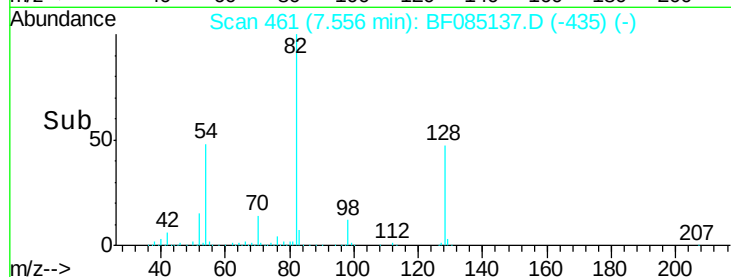
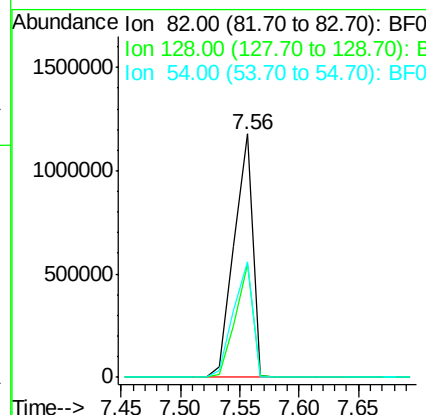
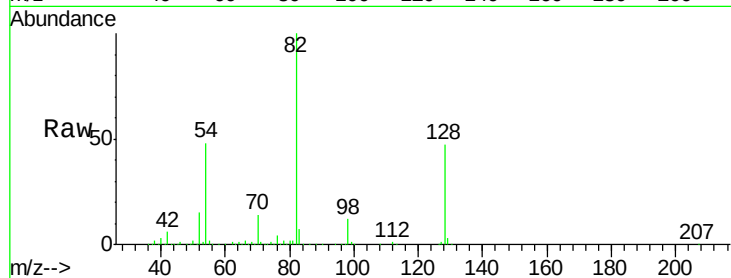




#23
 Nitrobenzene-d5
 Concen: 98.56 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

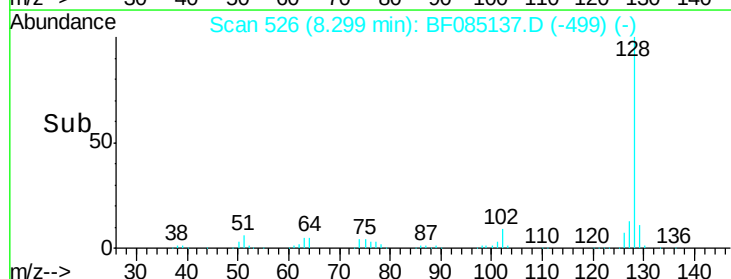
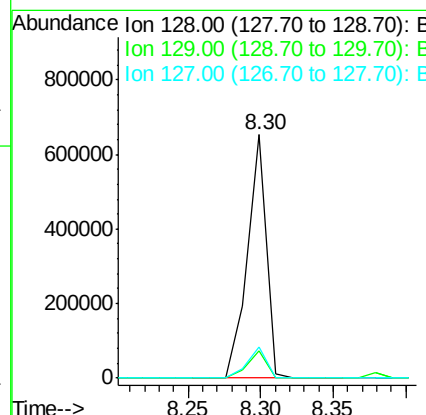
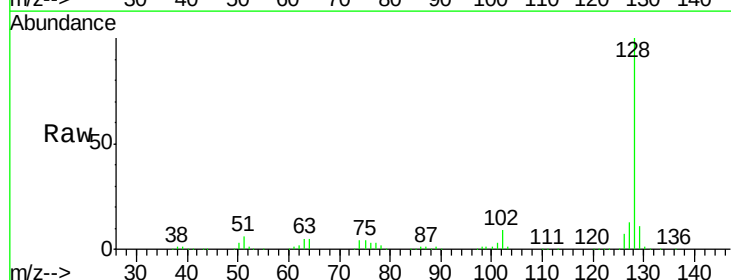
Instrument :
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 ClientSampleId :
 HSR-WC-29-022516

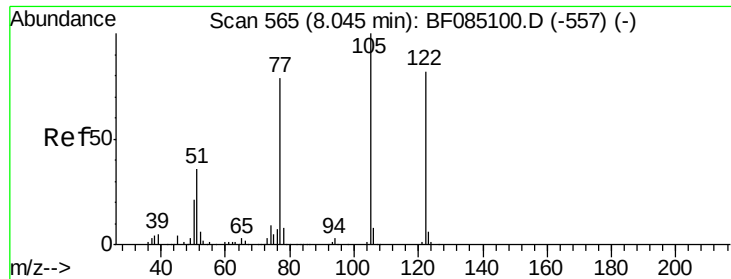
Tgt Ion: 82 Resp: 1288380
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.8 59.6
 54 47.5 36.6 54.8



#31
 Naphthalene
 Concen: 16.76 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

Tgt Ion: 128 Resp: 589562
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.7 14.5
 127 12.9 11.1 16.7

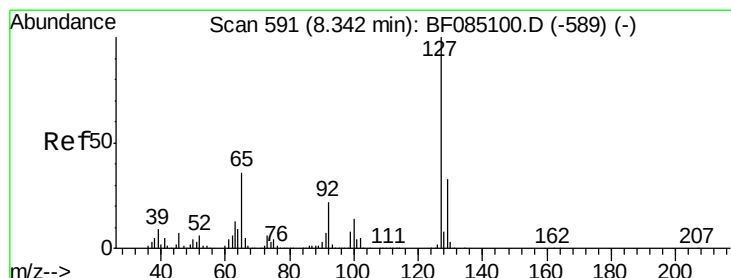
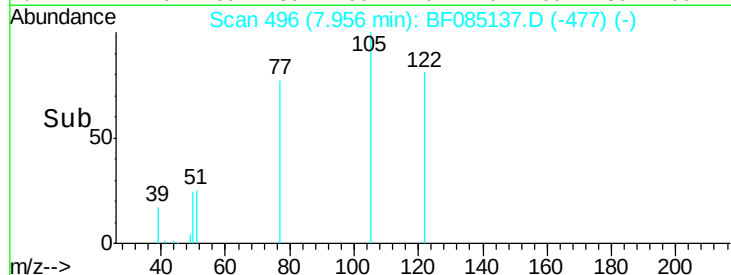
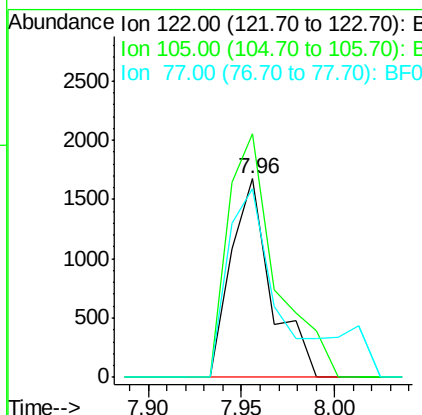
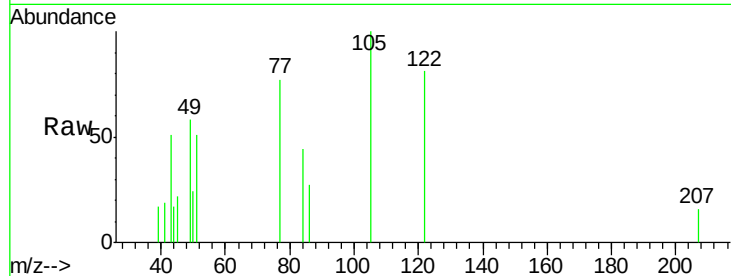




#32
Benzoic acid
Concen: 12.68 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

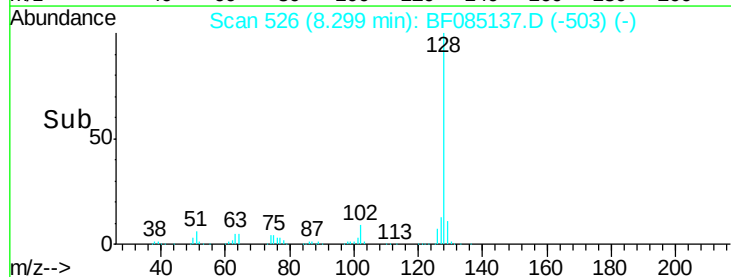
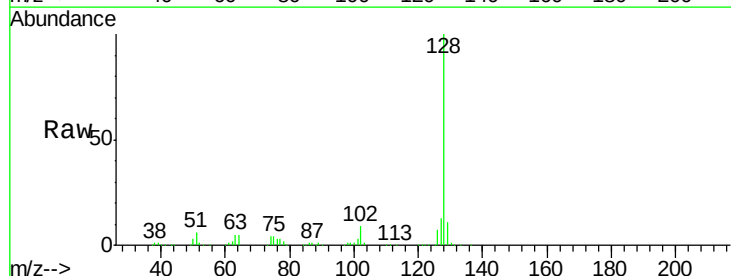
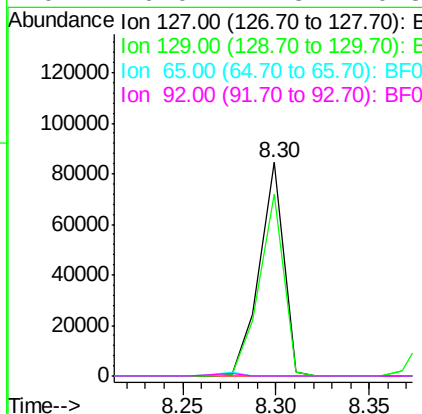
Instrument :
BNA_F
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HSR-WC-29-022516

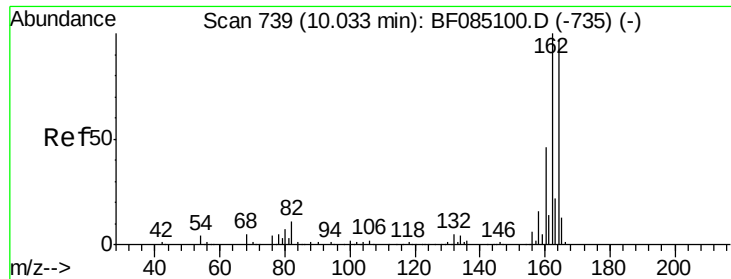
Tgt Ion:122 Resp: 2526
Ion Ratio Lower Upper
122 100
105 122.7 102.0 142.0
77 94.9 76.8 116.8



#33
4-Chloroaniline
Concen: 5.45 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:127 Resp: 75835
Ion Ratio Lower Upper
127 100
129 85.3 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#

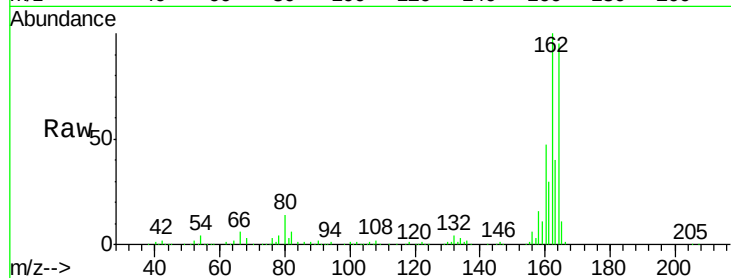




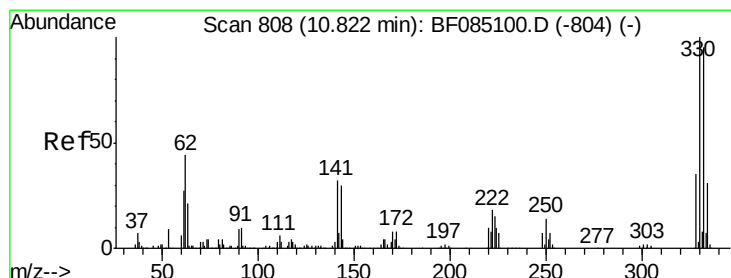
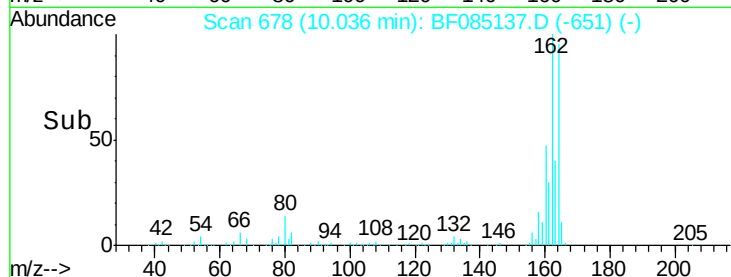
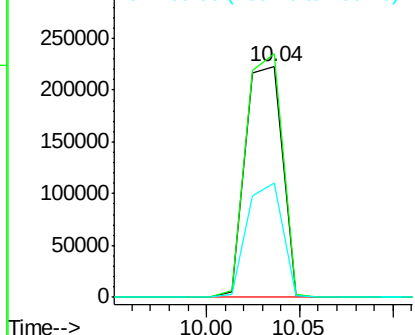
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion:164 Resp: 306665
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 49.8 38.2 57.2

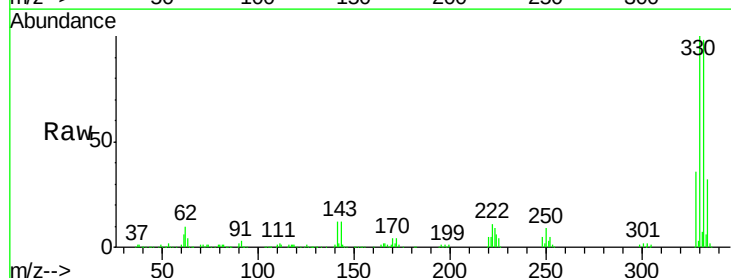


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

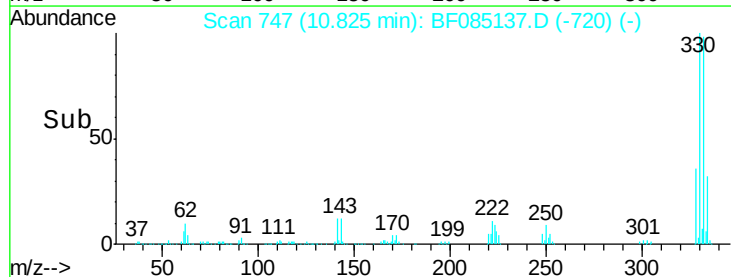
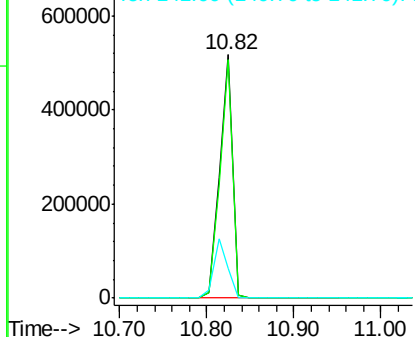


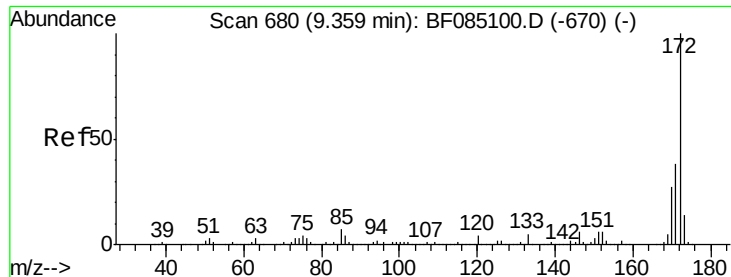
#41
2,4,6-Tribromophenol
Concen: 177.45 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Tgt Ion:330 Resp: 546852
Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 26.3 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

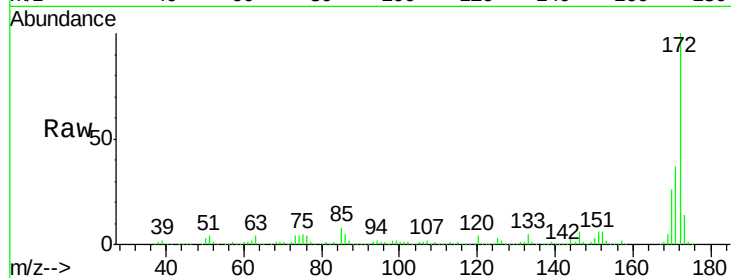




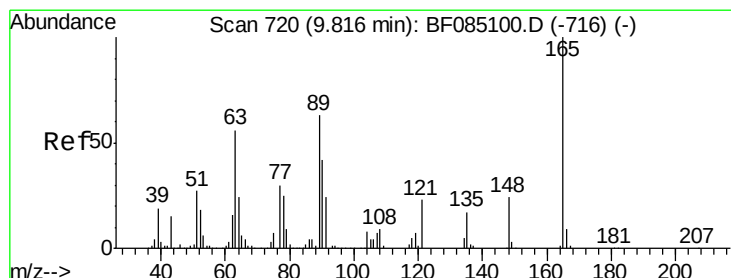
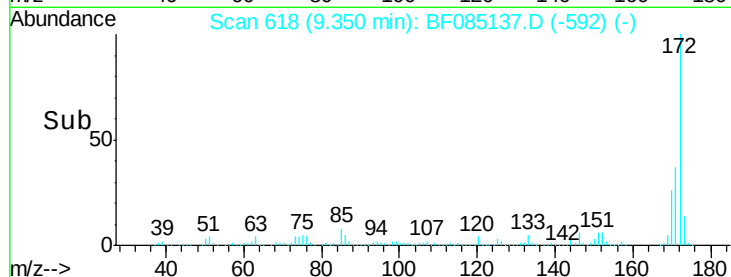
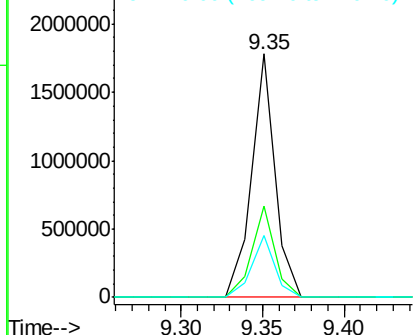
#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-29-022516

Tgt Ion:172 Resp: 1780779
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.5 45.7
 170 25.5 21.2 31.8

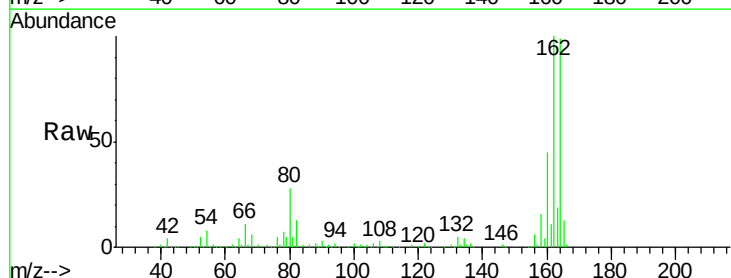


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

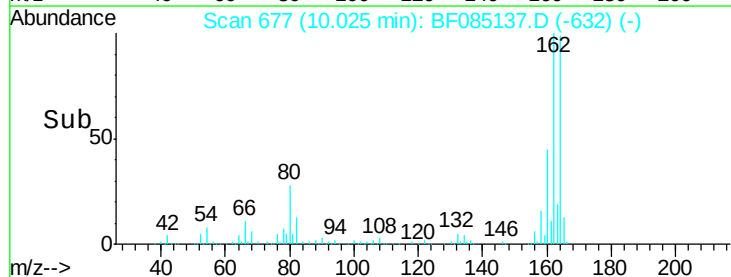
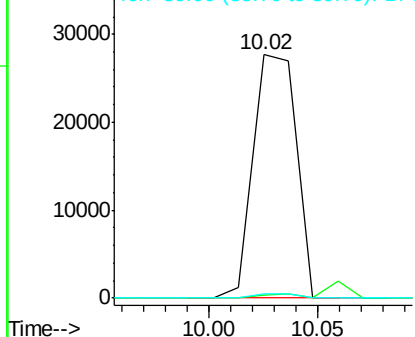


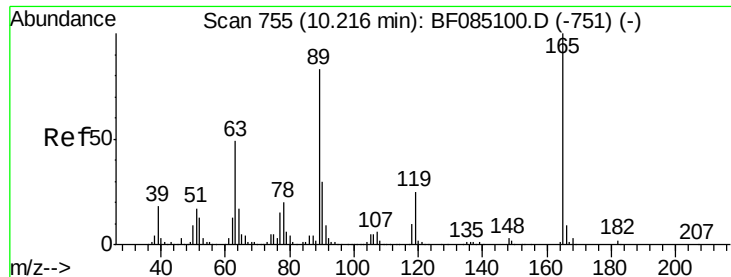
#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

Tgt Ion:165 Resp: 38393
 Ion Ratio Lower Upper
 165 100
 63 1.5 47.4 71.2#
 89 2.0 50.2 75.2#



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

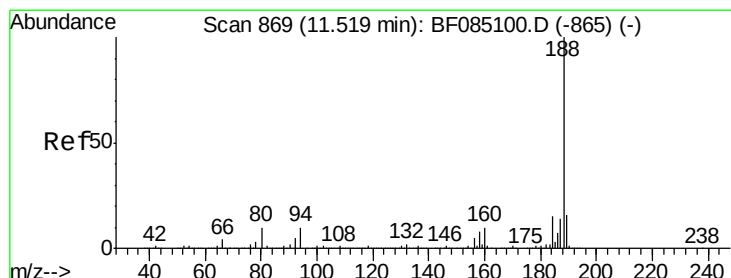
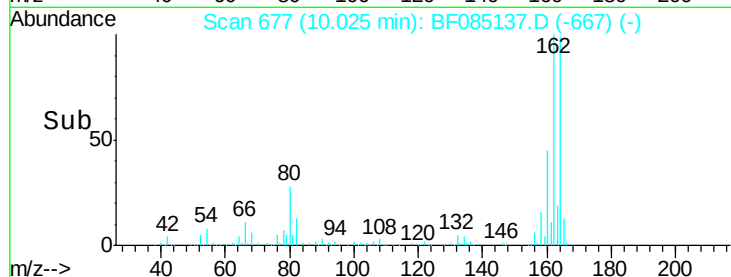
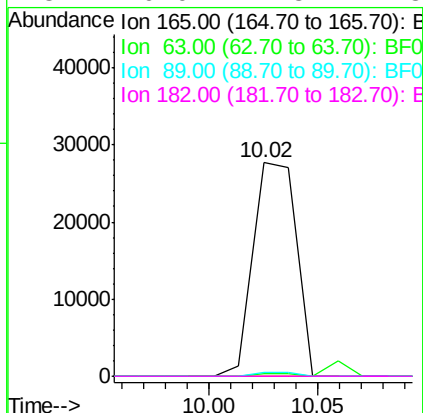
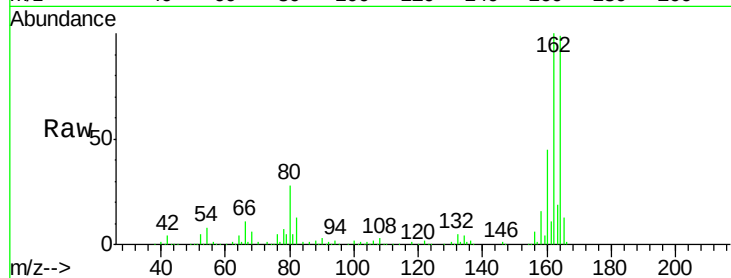




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

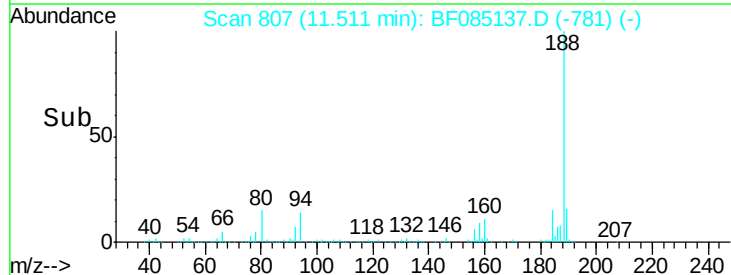
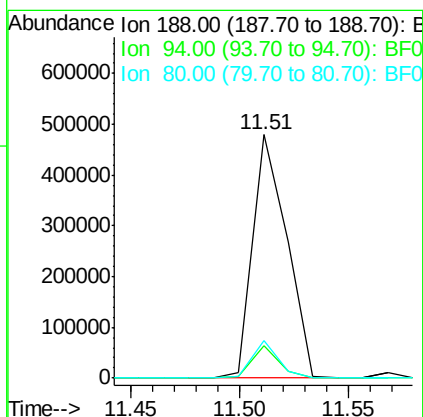
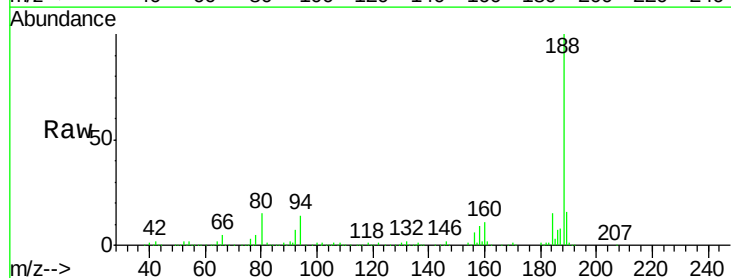
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-29-022516

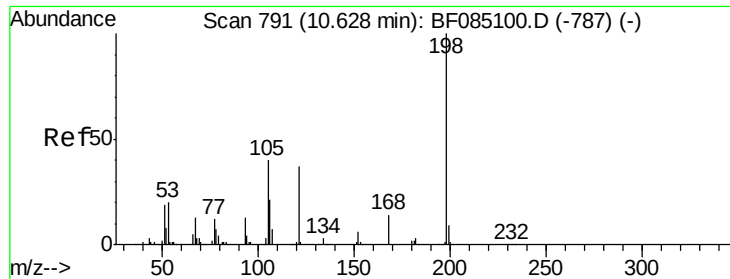
Tgt Ion:	165	Resp:	38393
Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.2	58.8#
89	2.0	66.2	99.4#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085137.D
 Acq: 2 Mar 2016 23:34

Tgt Ion:	188	Resp:	523837
Ion	Ratio	Lower	Upper
188	100		
94	13.6	7.8	11.6#
80	15.5	8.2	12.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 7.49 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-29-022516

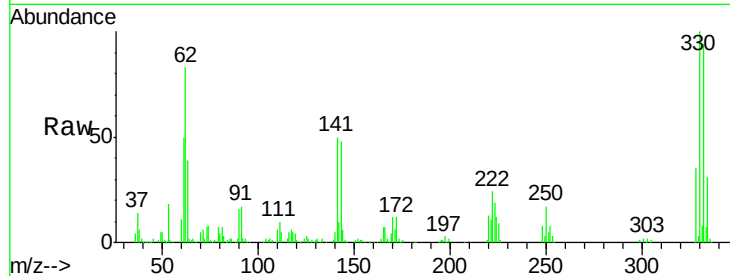
Tgt Ion:198 Resp: 1077

Ion Ratio Lower Upper

198 100

51 211.9 12.5 52.5#

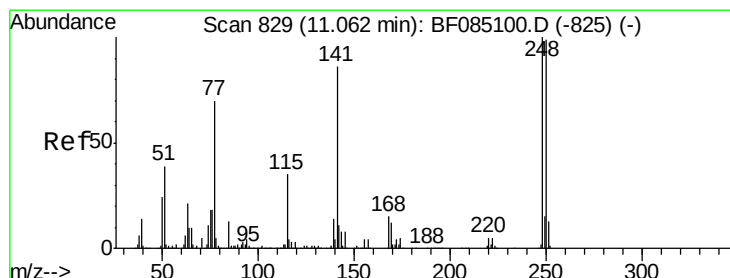
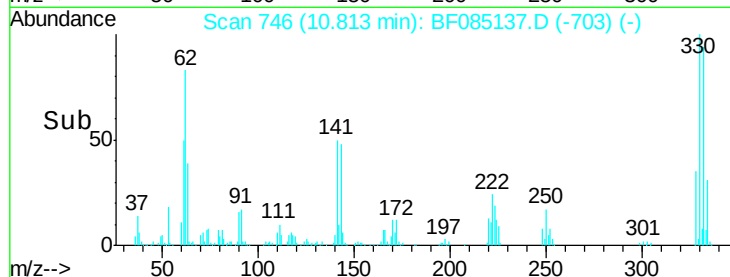
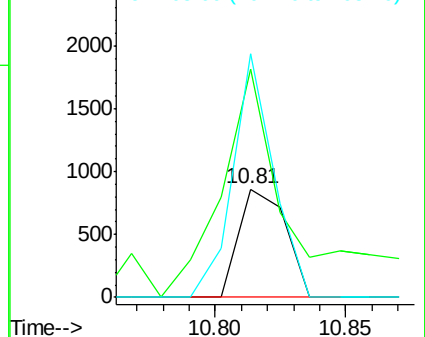
105 225.6 20.2 60.2#



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: 5.70 ng

RT: 10.82 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

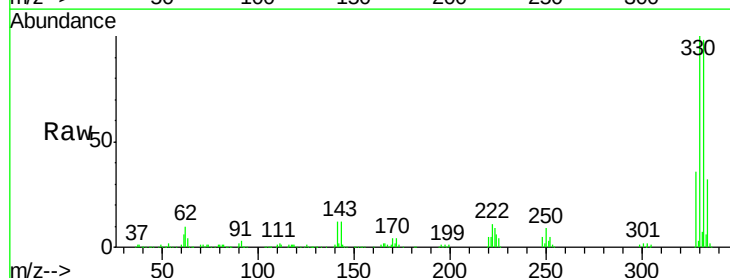
Tgt Ion:248 Resp: 31340

Ion Ratio Lower Upper

248 100

250 205.7 79.0 118.4#

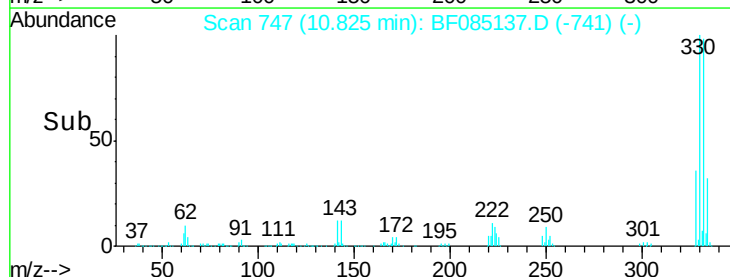
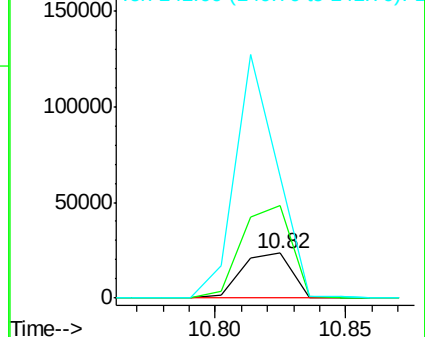
141 270.4 68.6 103.0#

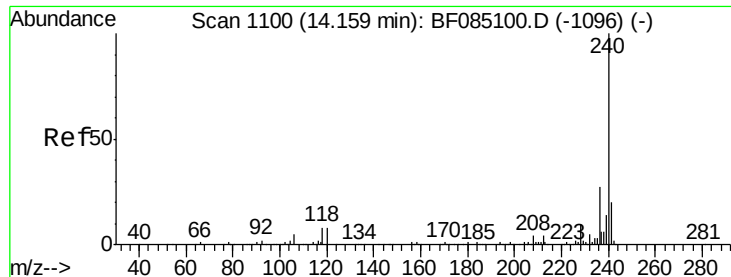


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF085137.D

Acq: 2 Mar 2016 23:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-29-022516

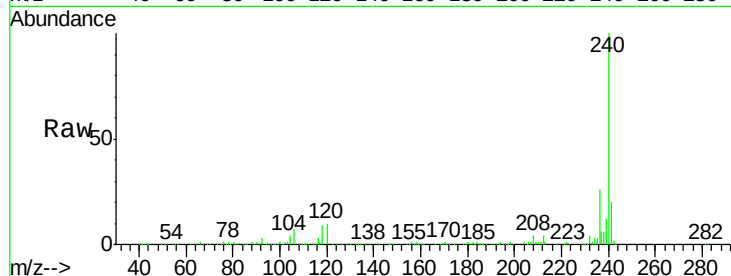
Tgt Ion:240 Resp: 386785

Ion Ratio Lower Upper

240 100

120 10.5 6.7 10.1#

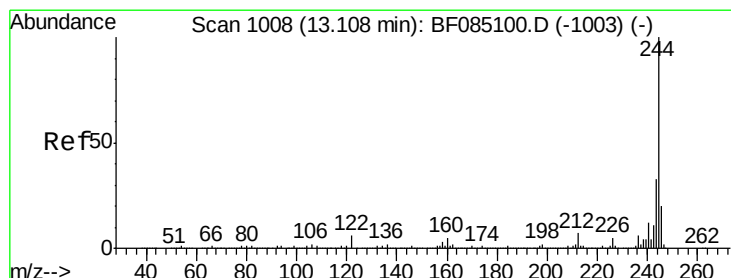
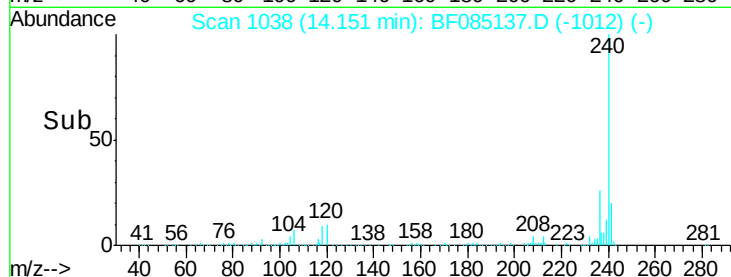
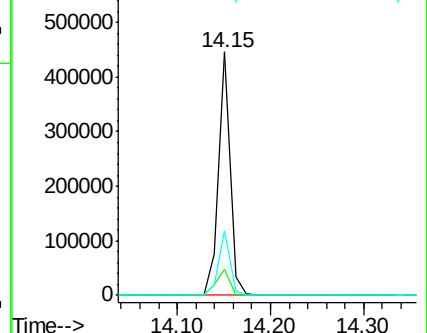
236 26.3 21.6 32.4



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: 98.27 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085137.D

Acq: 2 Mar 2016 23:34

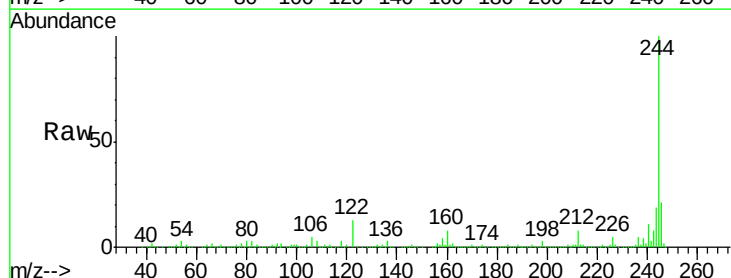
Tgt Ion:244 Resp: 1620245

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

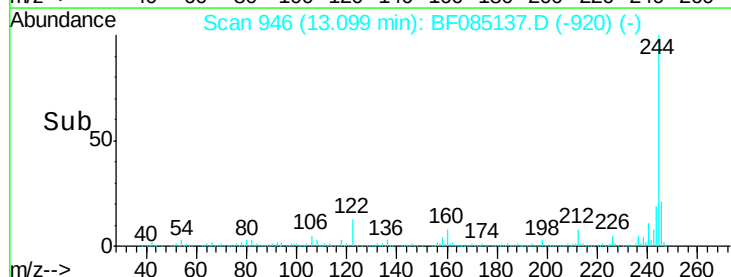
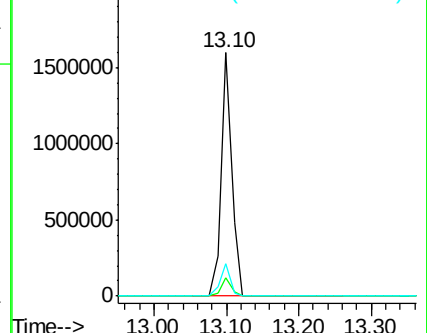
122 13.4 5.1 7.7#

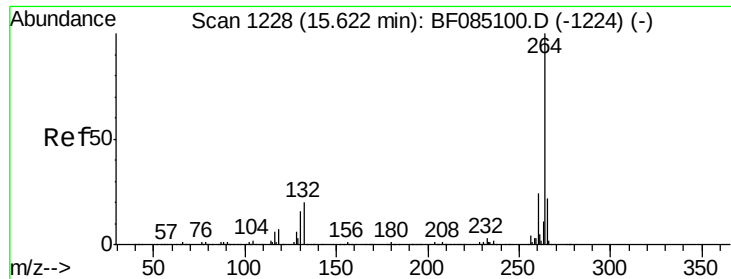


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

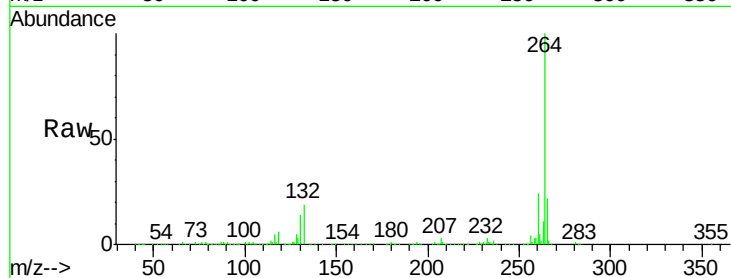




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085137.D
Acq: 2 Mar 2016 23:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-29-022516

Tgt Ion: 264 Resp: 397468
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.6 17.4 26.2



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

