

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085143.D
 Acq On : 3 Mar 2016 2:20
 Operator : SJ/IZ
 Sample : H1623-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-35-022516

Quant Time: Mar 03 04:49:19 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

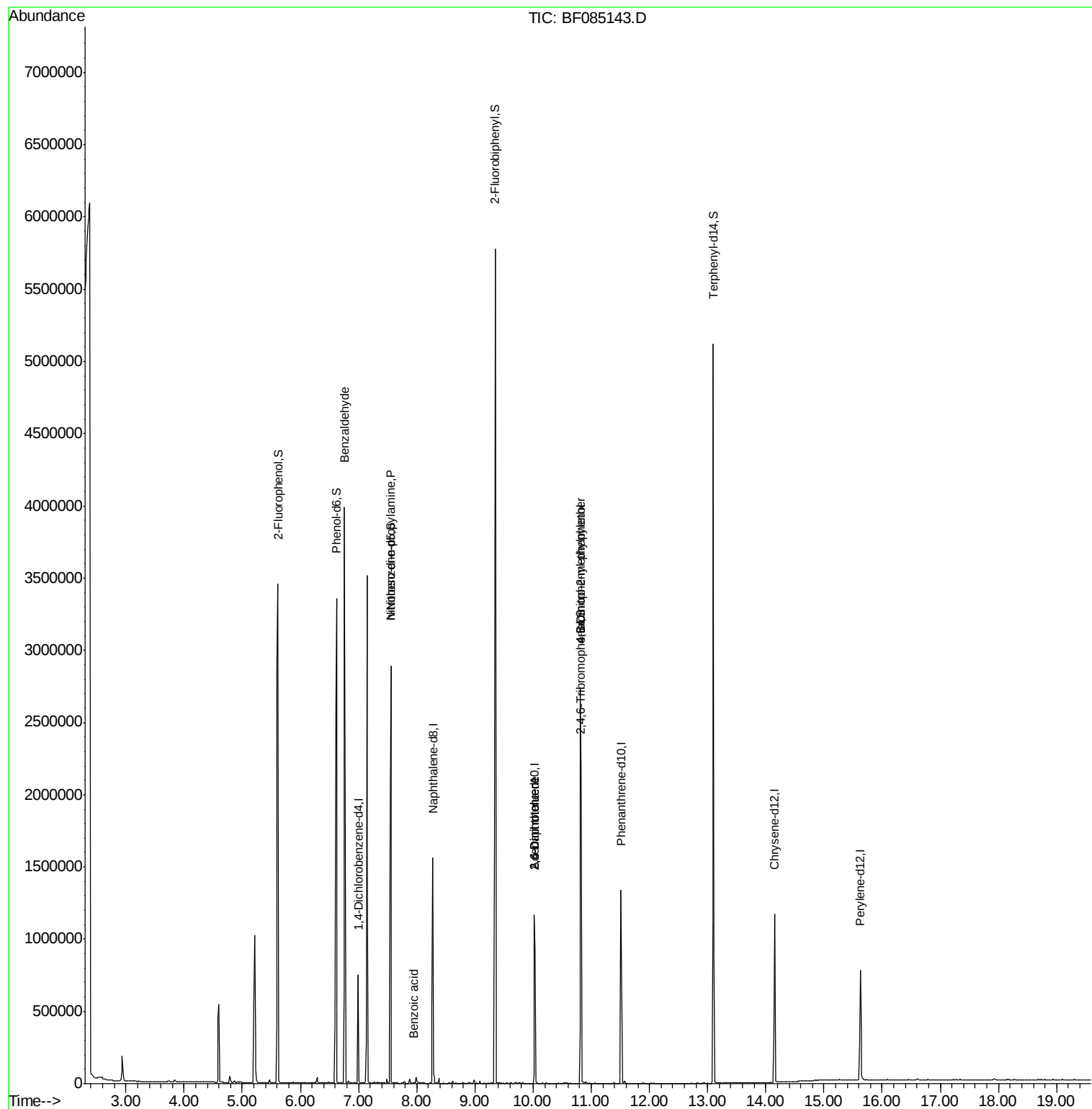
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	166342	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	710291	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	308600	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	553863	20.00	ng	0.00
75) Chrysene-d12	14.15	240	399023	20.00	ng	0.00
86) Perylene-d12	15.63	264	358001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1393312	135.98	ng	0.03
7) Phenol-d6	6.62	99	1643615	122.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	1237948	92.73	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	549090	177.05	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1786130	85.24	ng	0.00
78) Terphenyl-d14	13.10	244	1617344	95.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.76	77	30462	2.23	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.56	70	165949	18.75	ng	# 75
32) Benzoic acid	7.96	122	1502	12.56	ng	97
50) 2,6-Dinitrotoluene	10.02	165	38521	8.12	ng	# 22
56) 2,4-Dinitrotoluene	10.02	165	38523	6.03	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1038	7.47	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	31528	5.42	ng	# 1

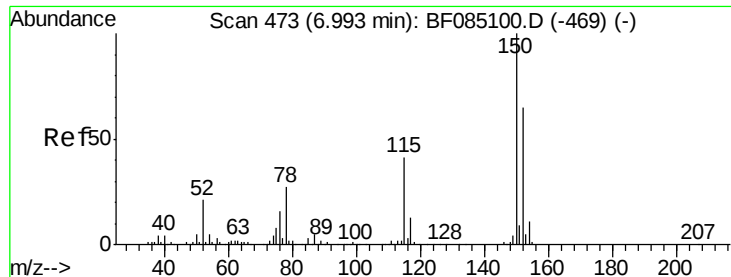
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 13:25:39 2016
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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: BF085143.D

Acq: 3 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

HSR-WC-35-022516

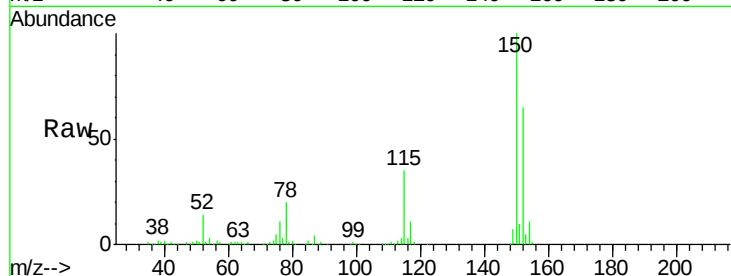
Tgt Ion:152 Resp: 166342

Ion Ratio Lower Upper

152 100

150 152.8 123.4 185.0

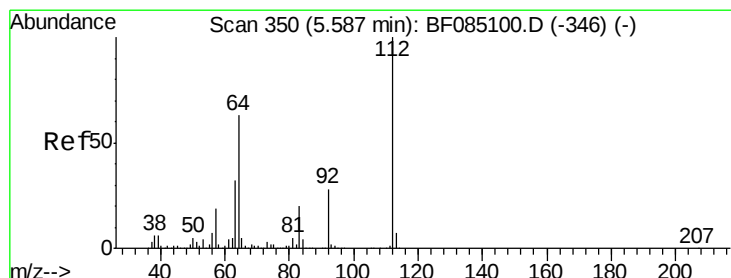
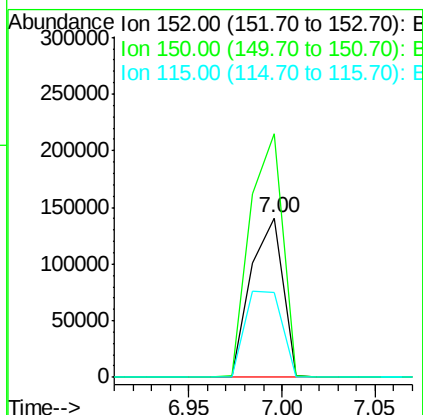
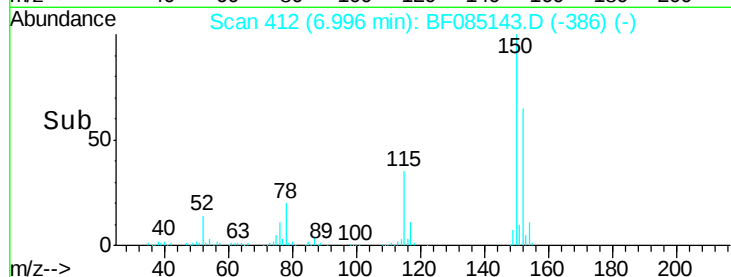
115 53.3 50.0 75.0



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: 135.98 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

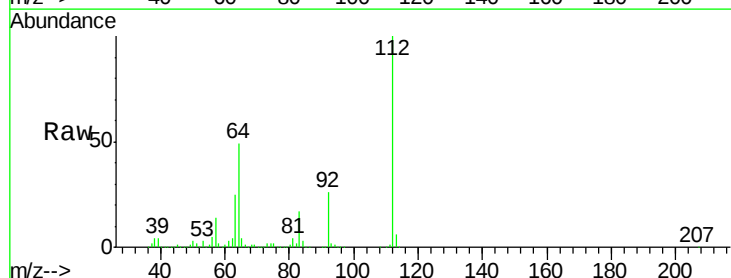
Tgt Ion:112 Resp: 1393312

Ion Ratio Lower Upper

112 100

64 49.4 50.6 76.0#

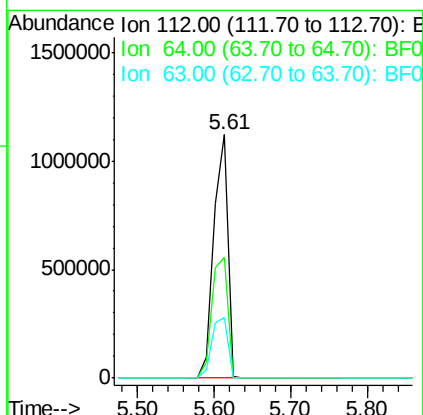
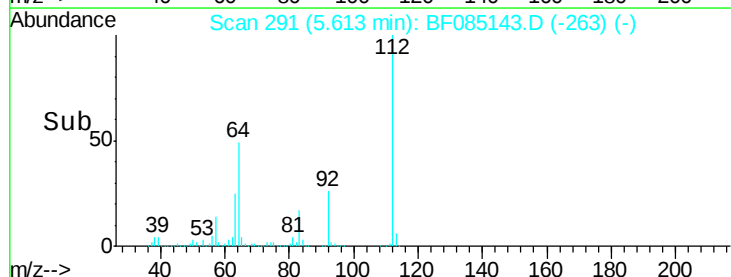
63 24.9 25.5 38.3#

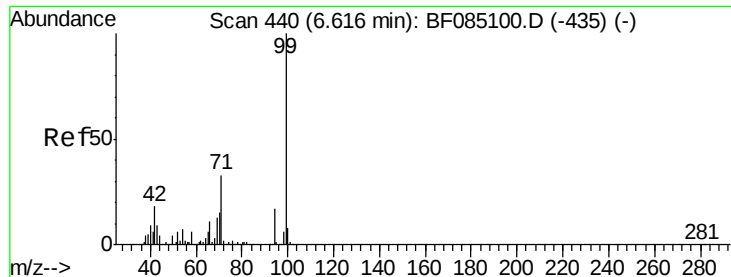


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.36 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

Instrument :

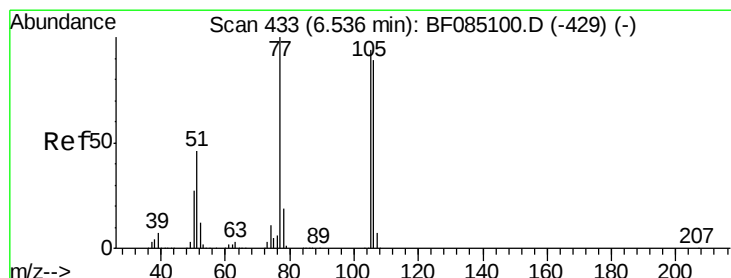
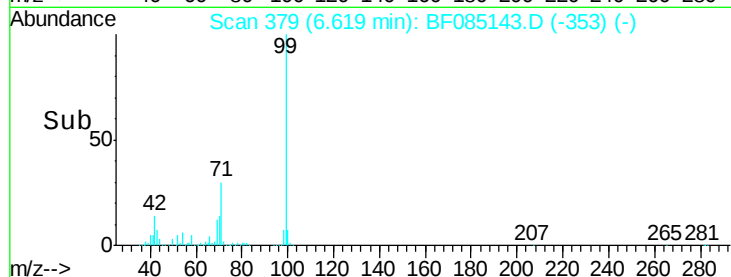
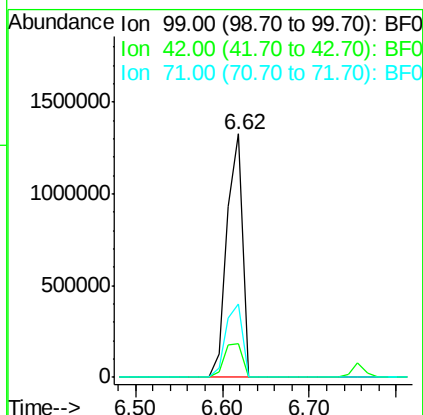
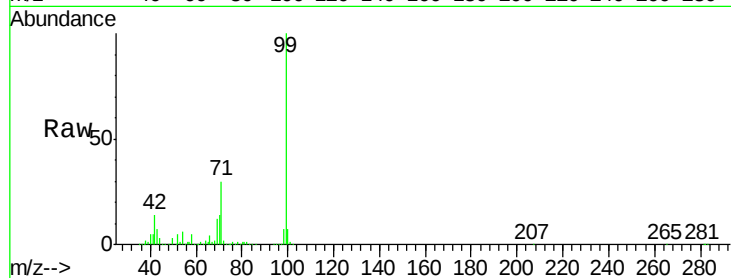
BNA_F

ClientSampleId :

HSR-WC-35-022516

Tgt Ion: 99 Resp: 1643615

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	30.1	26.8	40.2



#9

Benzaldehyde

Concen: 2.23 ng

RT: 6.76 min Scan# 391

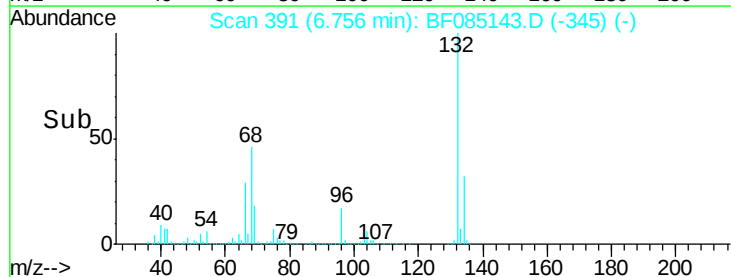
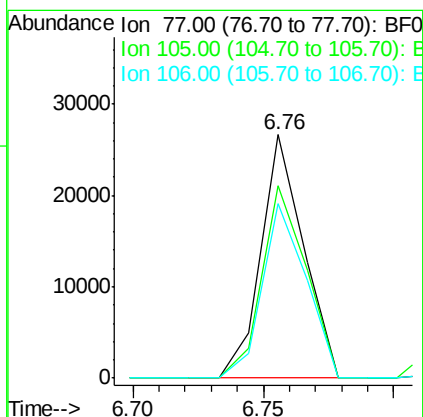
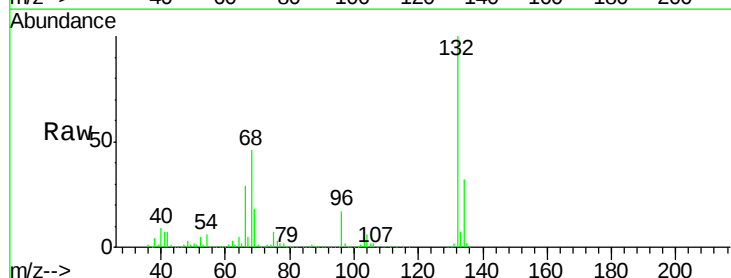
Delta R.T. 0.22 min

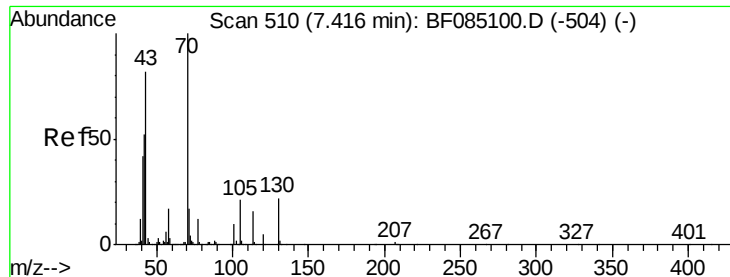
Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

Tgt Ion: 77 Resp: 30462

Ion	Ratio	Lower	Upper
77	100		
105	79.1	73.7	113.7
106	71.4	69.2	109.2

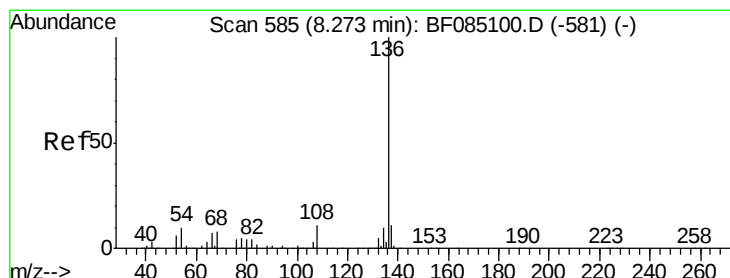
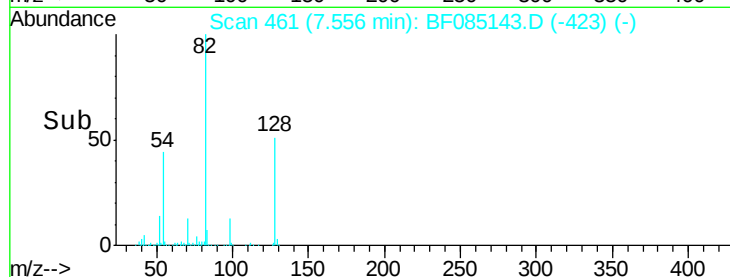
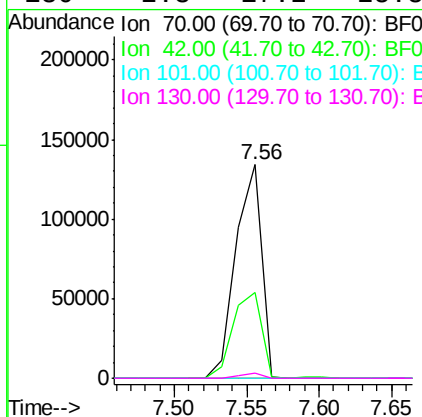
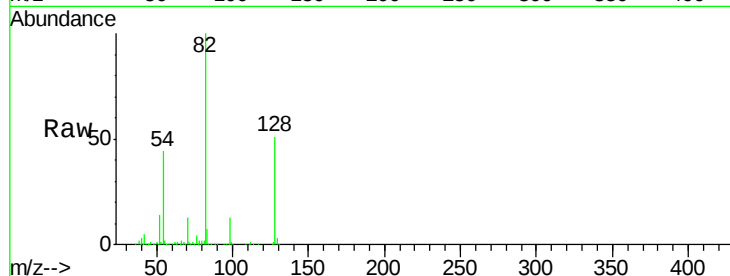




#19
n-Nitroso-di-n-propylamine
Concen: 18.75 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085143.D
Acq: 3 Mar 2016 2:20

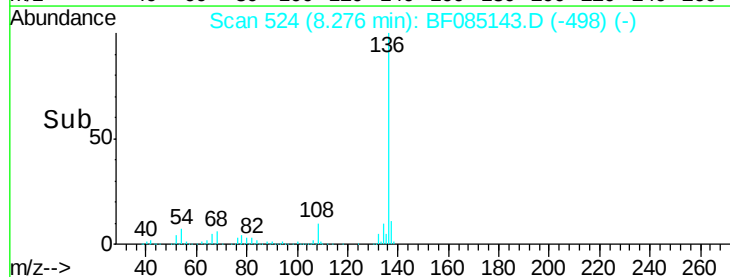
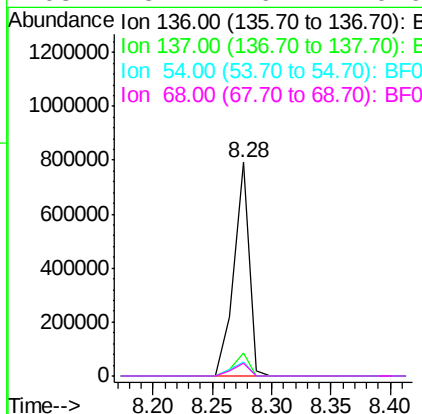
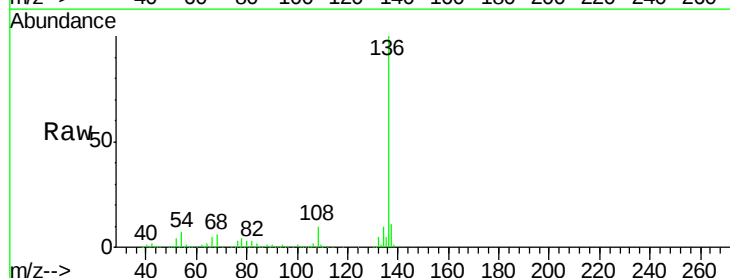
Instrument :
BNA_F
ClientSampleId :
HSR-WC-35-022516

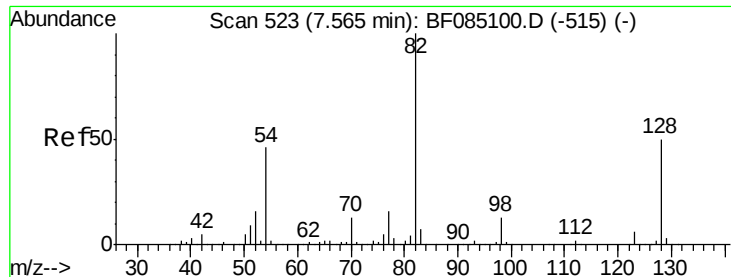
Tgt Ion:	70	Resp:	165949
Ion	Ratio	Lower	Upper
70	100		
42	39.9	41.9	62.9#
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085143.D
Acq: 3 Mar 2016 2:20

Tgt Ion:	136	Resp:	710291
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.8	8.5	12.7#
68	5.7	6.4	9.6#

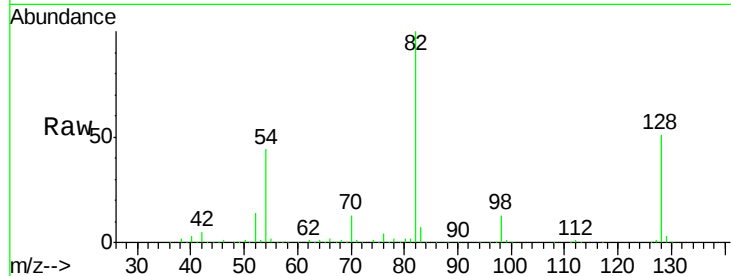




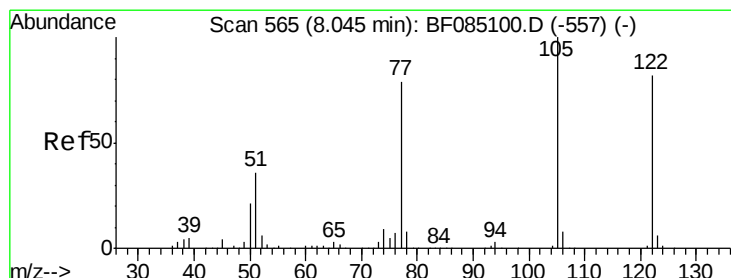
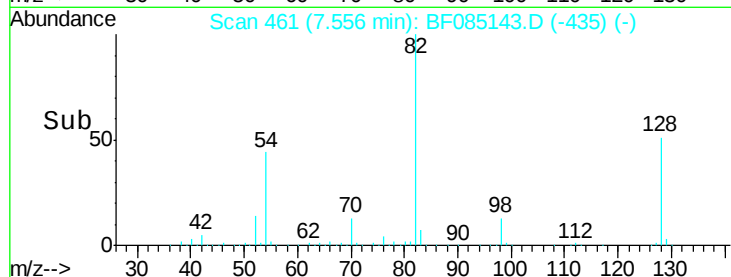
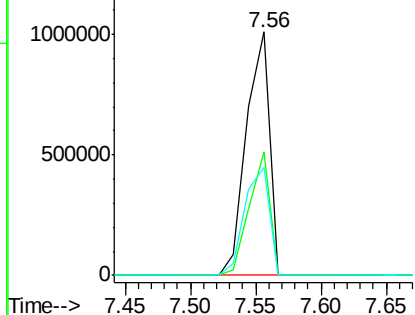
#23
 Nitrobenzene-d5
 Concen: 92.73 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-35-022516

Tgt Ion: 82 Resp: 1237948
 Ion Ratio Lower Upper
 82 100
 128 50.7 39.8 59.6
 54 44.5 36.6 54.8

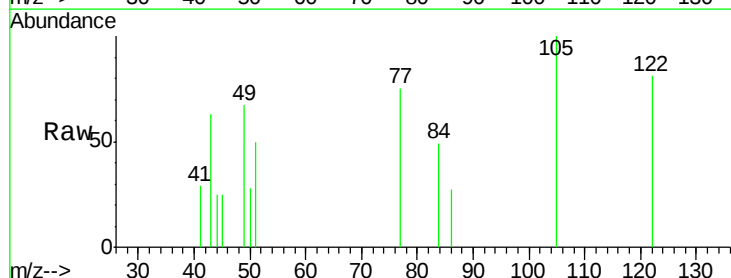


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

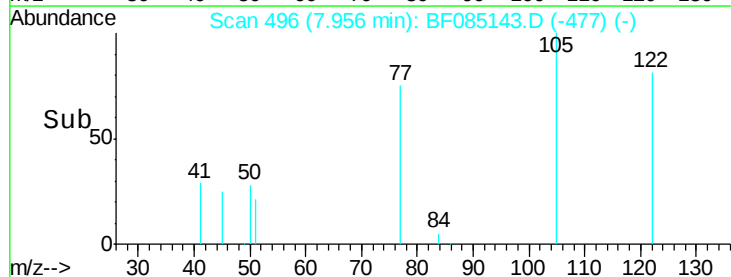
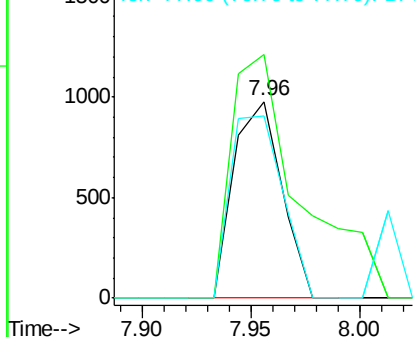


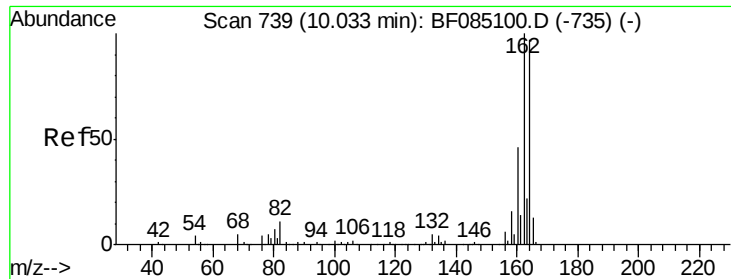
#32
 Benzoic acid
 Concen: 12.56 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Tgt Ion: 122 Resp: 1502
 Ion Ratio Lower Upper
 122 100
 105 123.7 102.0 142.0
 77 92.7 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

HSR-WC-35-022516

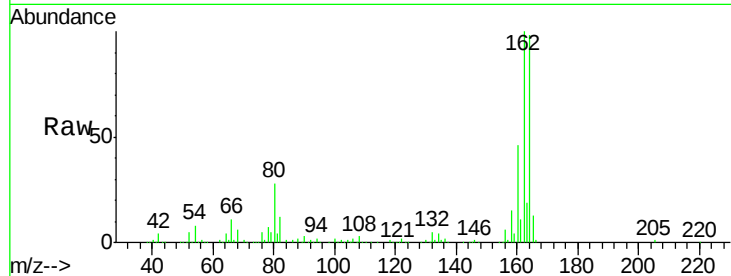
Tgt Ion:164 Resp: 308600

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

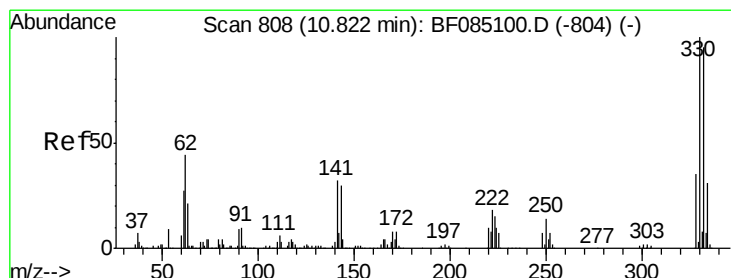
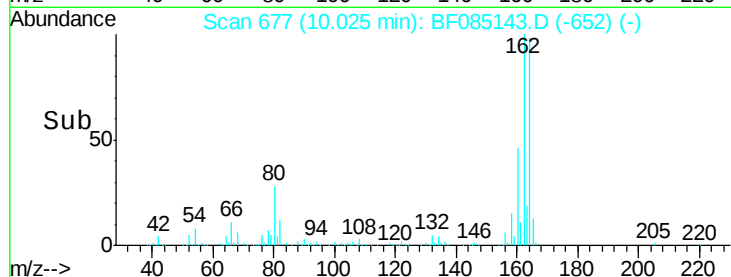
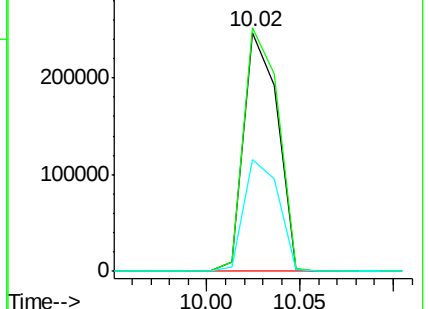
160 46.6 38.2 57.2



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: 177.05 ng

RT: 10.82 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

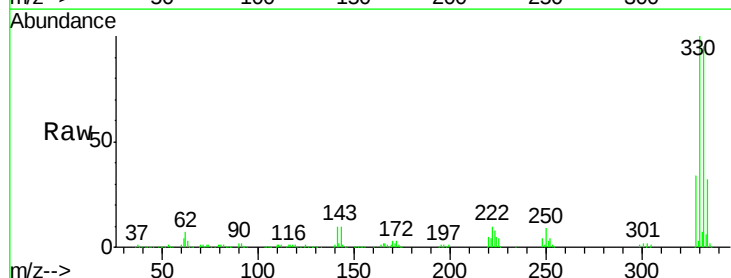
Tgt Ion:330 Resp: 549090

Ion Ratio Lower Upper

330 100

332 94.4 75.9 113.9

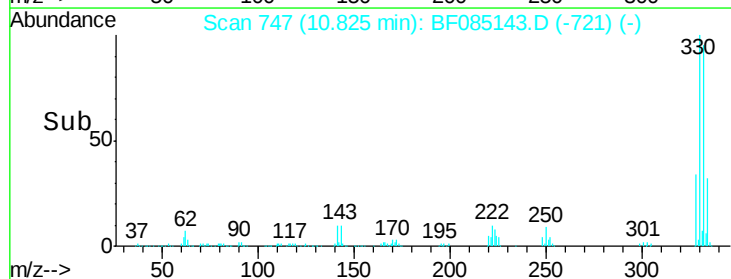
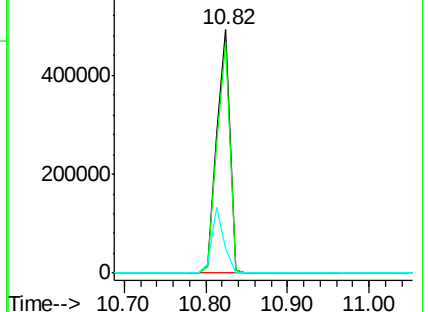
141 25.5 28.9 43.3#

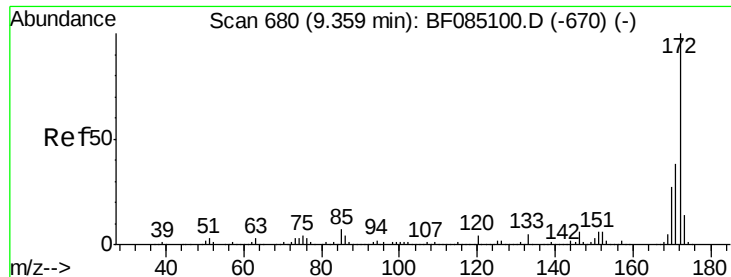


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

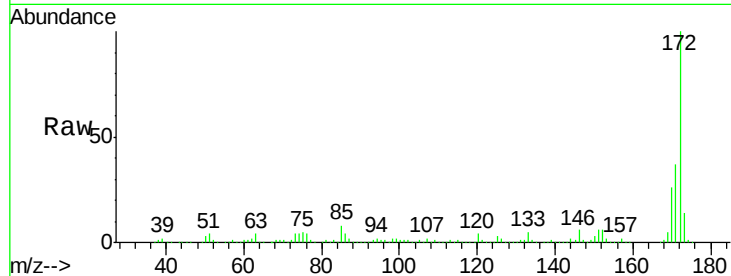




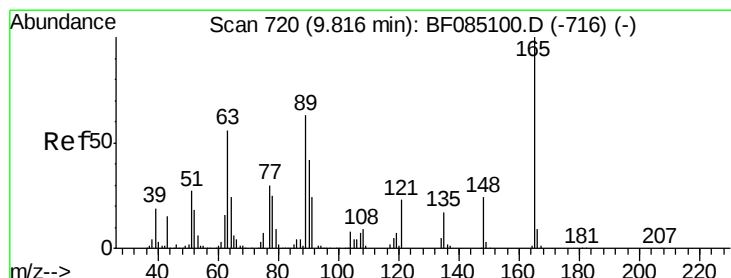
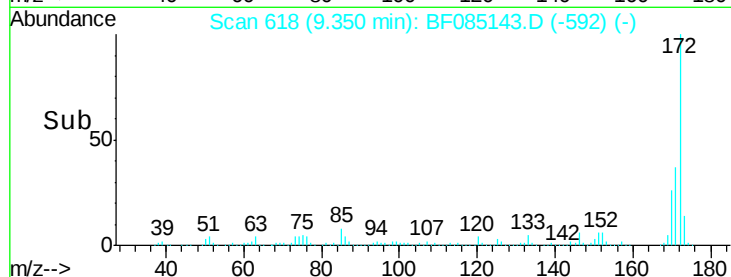
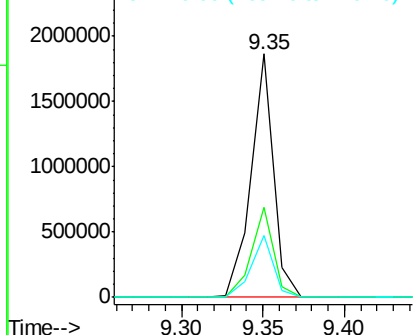
#44
 2-Fluorobiphenyl
 Concen: 85.24 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Instrument :
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 HSR-WC-35-022516

Tgt Ion:172 Resp: 1786130
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 25.5 21.2 31.8

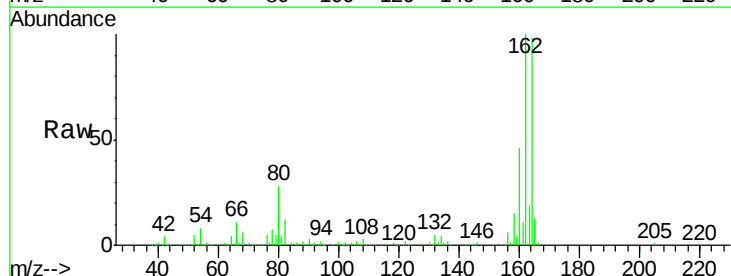


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

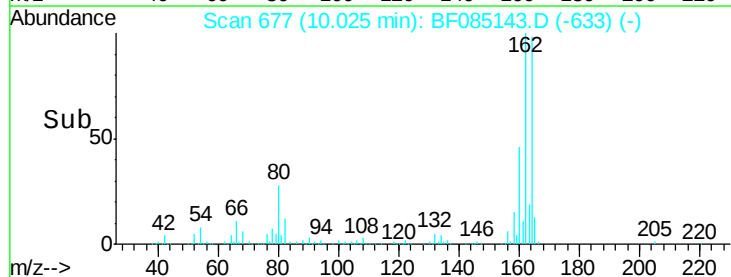
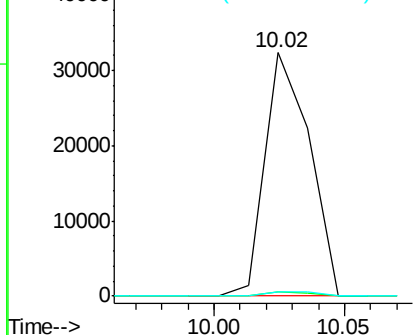


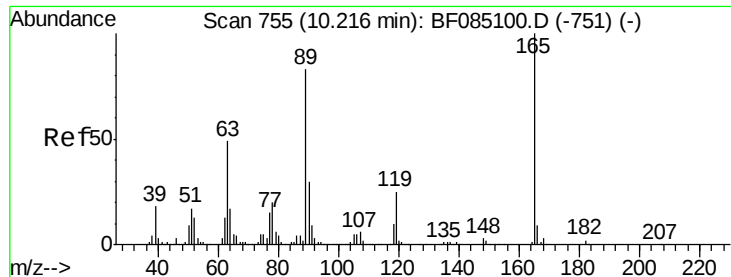
#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Tgt Ion:165 Resp: 38521
 Ion Ratio Lower Upper
 165 100
 63 1.6 47.4 71.2#
 89 1.8 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

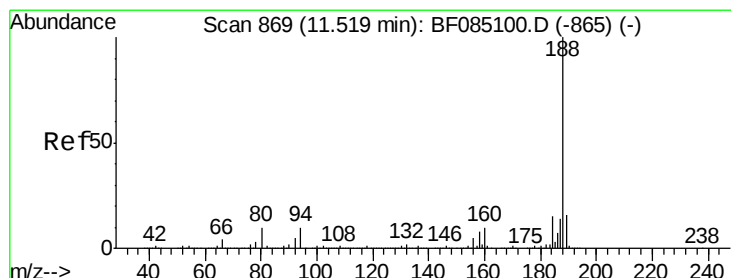
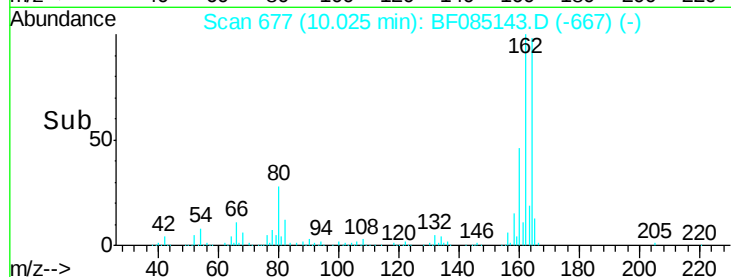
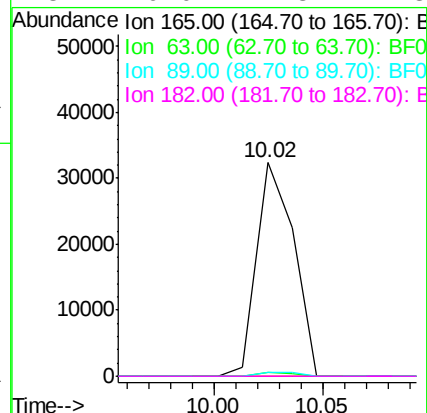
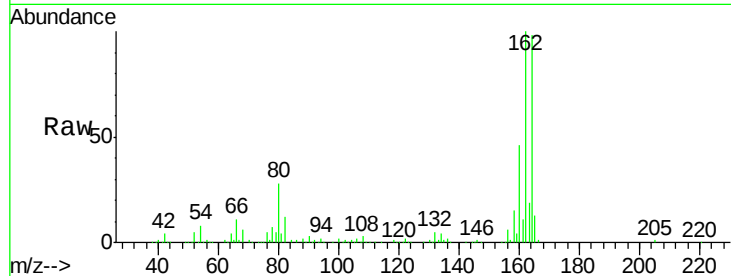




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

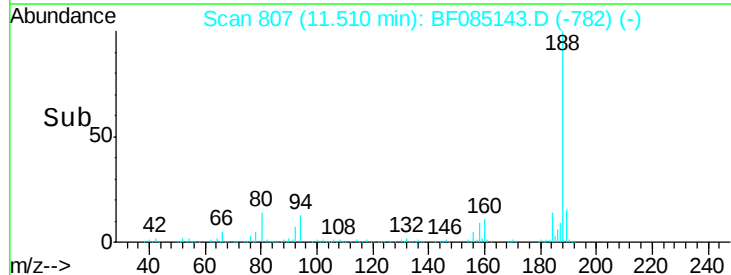
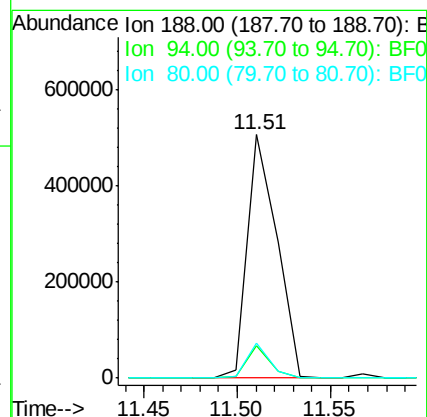
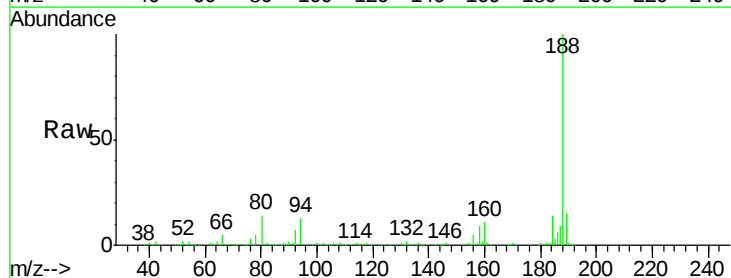
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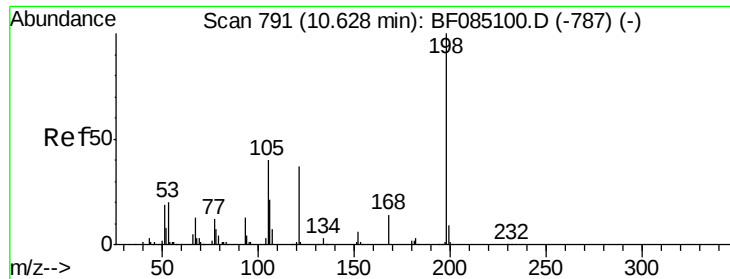
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.2	58.8#
89	1.8	66.2	99.4#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	7.8	11.6#
80	14.3	8.2	12.4#

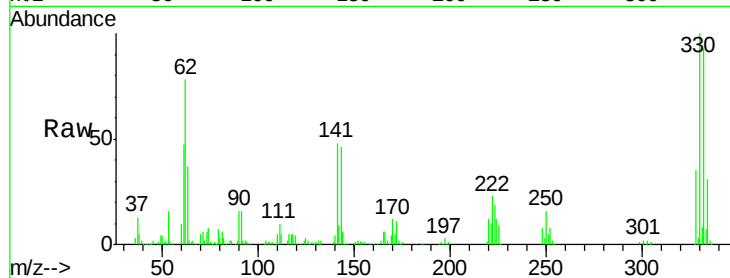




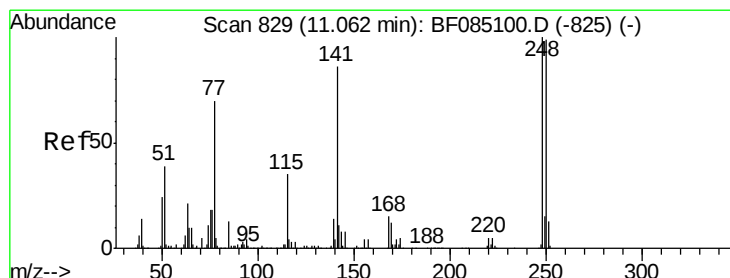
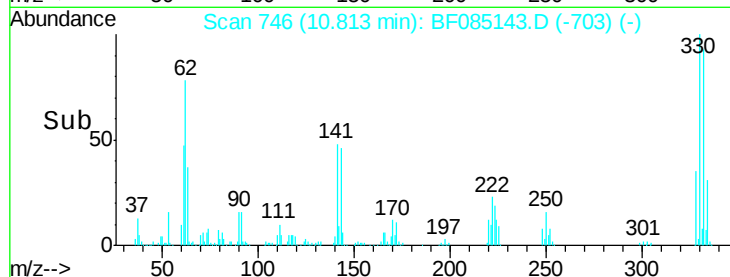
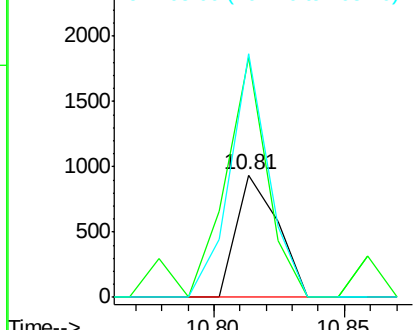
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.47 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.19 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-35-022516

Tgt Ion:198 Resp: 1038
 Ion Ratio Lower Upper
 198 100
 51 196.2 12.5 52.5#
 105 199.0 20.2 60.2#

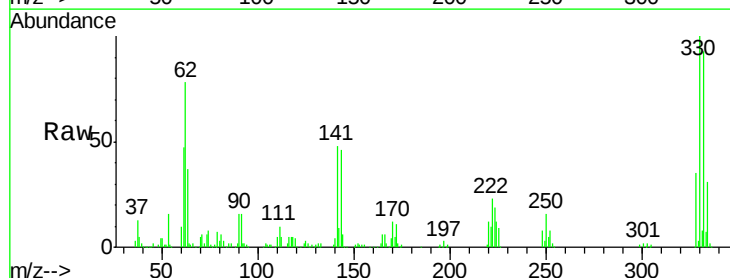


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

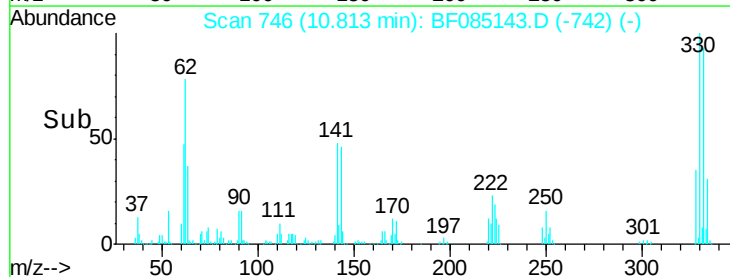
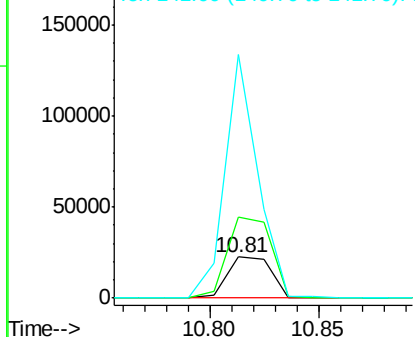


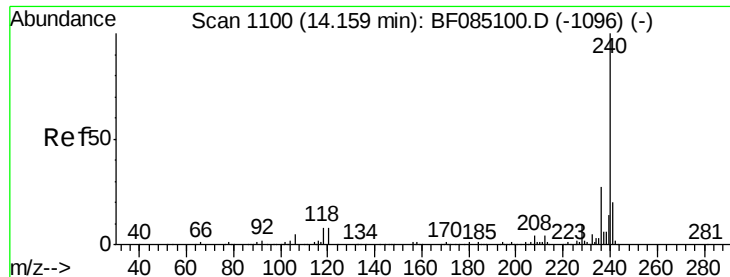
#66
 4-Bromophenyl-phenylether
 Concen: 5.42 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF085143.D
 Acq: 3 Mar 2016 2:20

Tgt Ion:248 Resp: 31528
 Ion Ratio Lower Upper
 248 100
 250 196.9 79.0 118.4#
 141 590.8 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: BF085143.D

Acq: 3 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

HSR-WC-35-022516

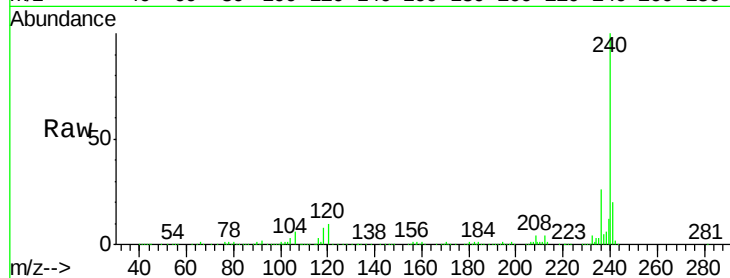
Tgt Ion:240 Resp: 399023

Ion Ratio Lower Upper

240 100

120 9.5 6.7 10.1

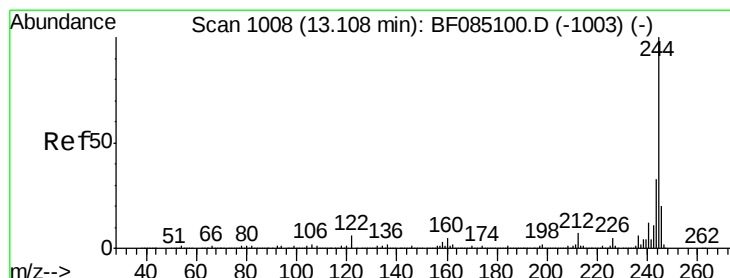
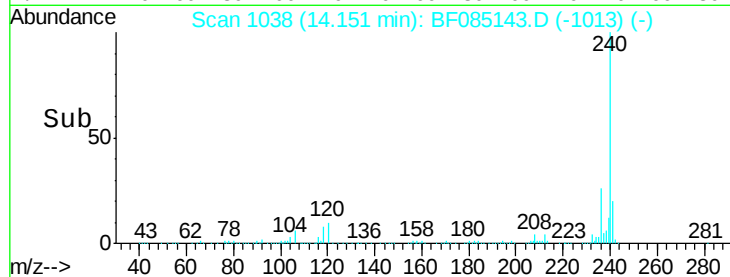
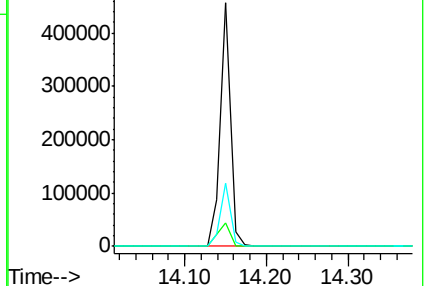
236 25.8 21.6 32.4



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: 95.08 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085143.D

Acq: 3 Mar 2016 2:20

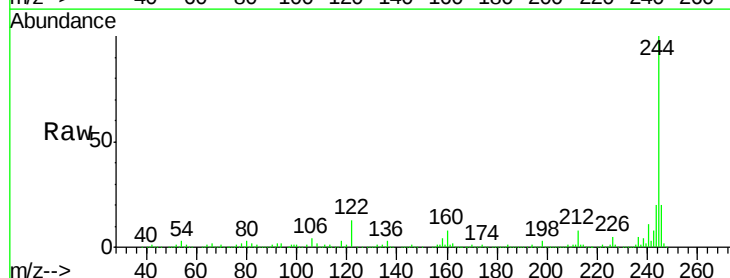
Tgt Ion:244 Resp: 1617344

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

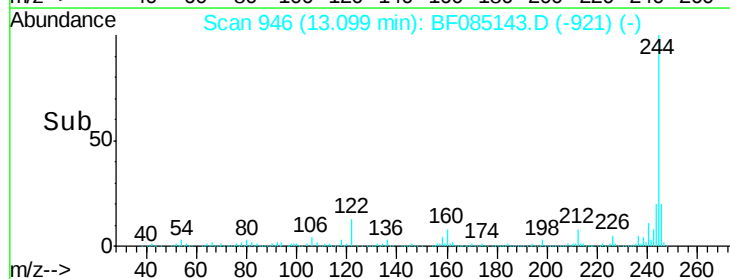
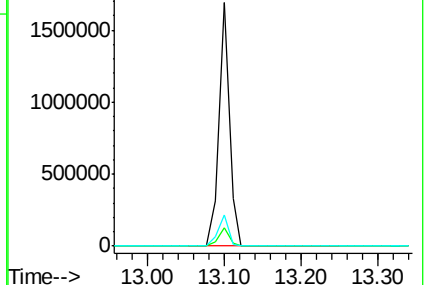
122 12.7 5.1 7.7#

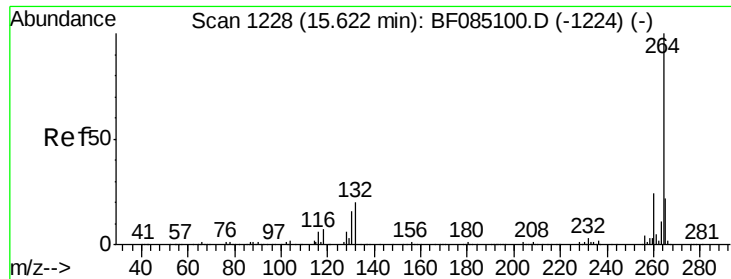


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085143.D
Acq: 3 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
HSR-WC-35-022516

Tgt Ion: 264 Resp: 358001
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.8 17.4 26.2

