

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085148.D
 Acq On : 3 Mar 2016 4:39
 Operator : SJ/IZ
 Sample : H1623-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-40-022516

Quant Time: Mar 03 06:30:07 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

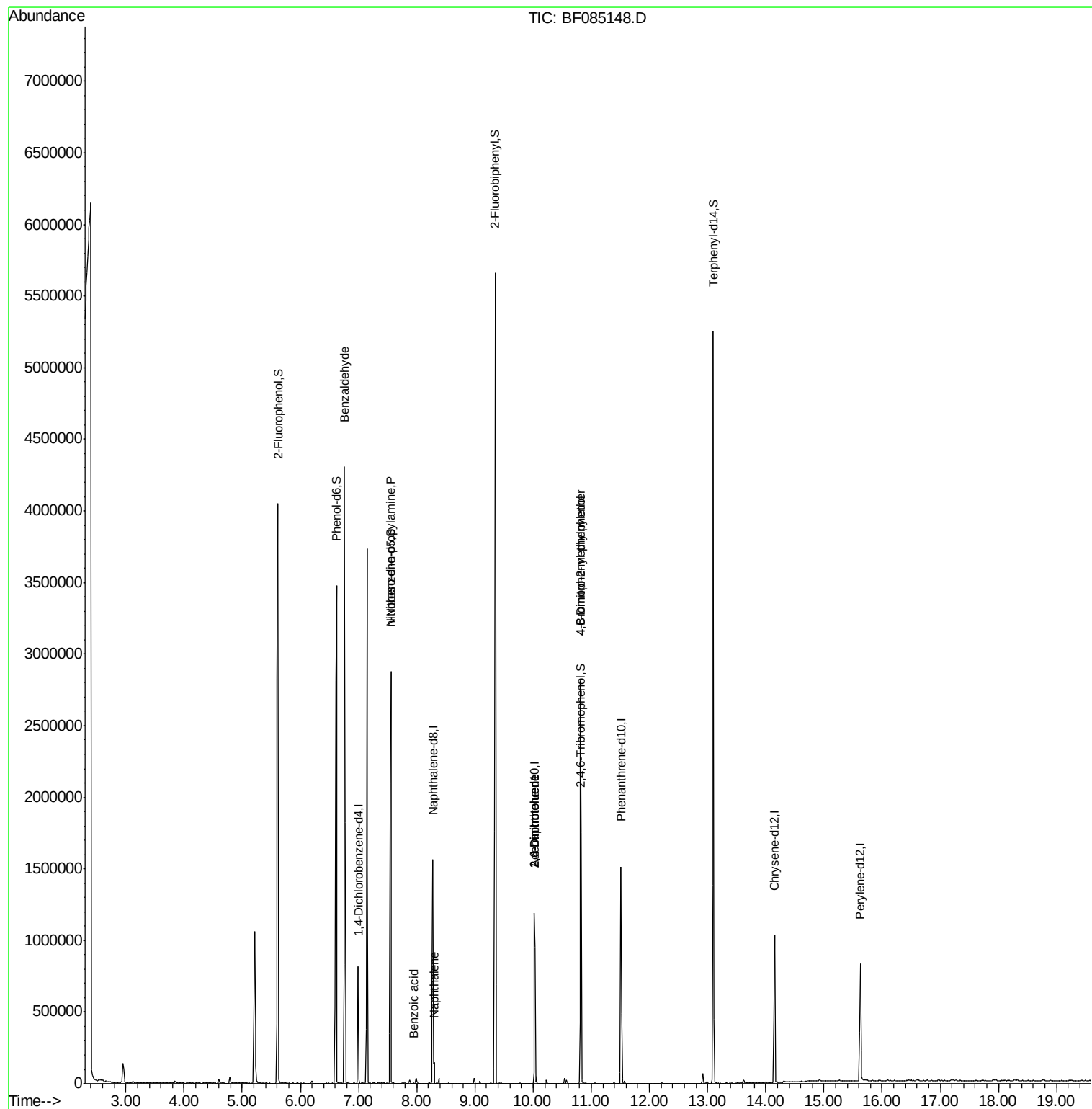
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	173374	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	739991	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	324689	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	563640	20.00	ng	0.00
75) Chrysene-d12	14.15	240	393144	20.00	ng	0.00
86) Perylene-d12	15.63	264	374795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1483179	138.88	ng	0.03
7) Phenol-d6	6.62	99	1778587	127.04	ng	0.00
23) Nitrobenzene-d5	7.56	82	1278487	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	513108	157.25	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1850797	83.95	ng	0.00
78) Terphenyl-d14	13.10	244	1600338	95.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.76	77	31579	2.20	ng	84
19) n-Nitroso-di-n-propylamine	7.56	70	171418	18.58	ng	# 76
31) Naphthalene	8.30	128	88136	2.36	ng	96
32) Benzoic acid	7.96	122	517	12.46	ng	89
50) 2,6-Dinitrotoluene	10.02	165	40964	8.21	ng	# 22
56) 2,4-Dinitrotoluene	10.02	165	40966	6.09	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	986	7.45	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	28975	4.90	ng	# 1

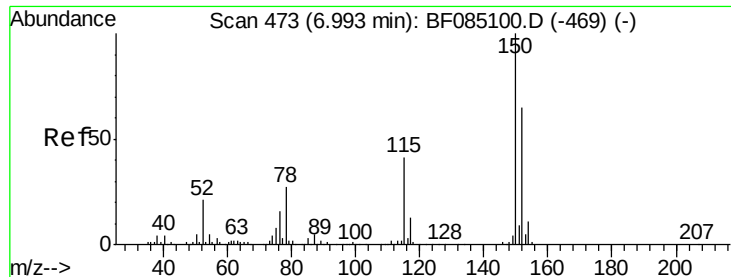
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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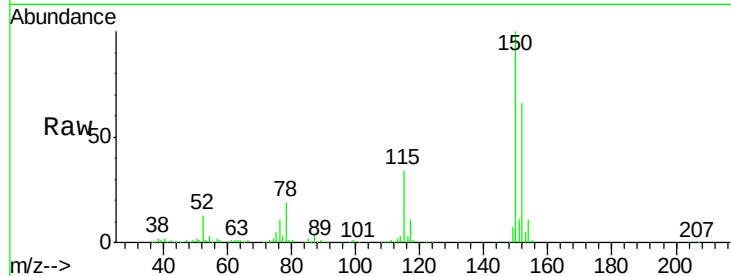


#1

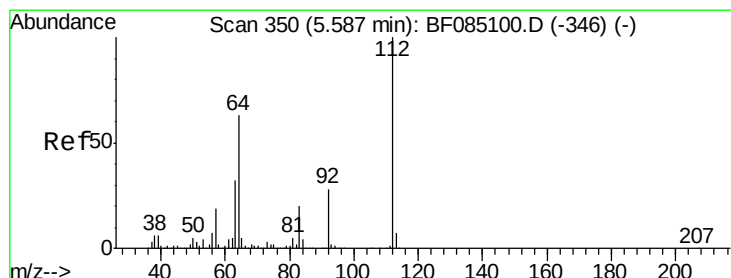
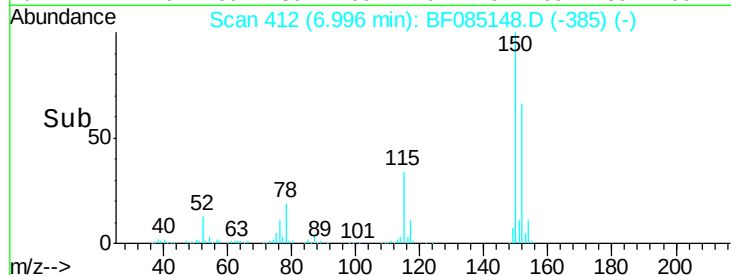
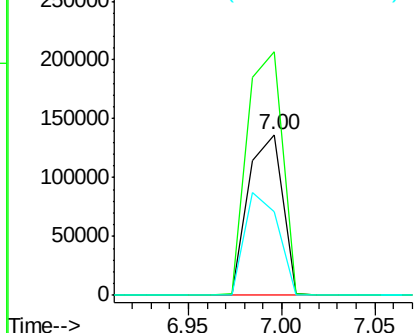
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Instrument :
BNA_F
ClientSampleId :
HSR-WC-40-022516

Tgt Ion:152 Resp: 173374
Ion Ratio Lower Upper
152 100
150 151.6 123.4 185.0
115 51.8 50.0 75.0



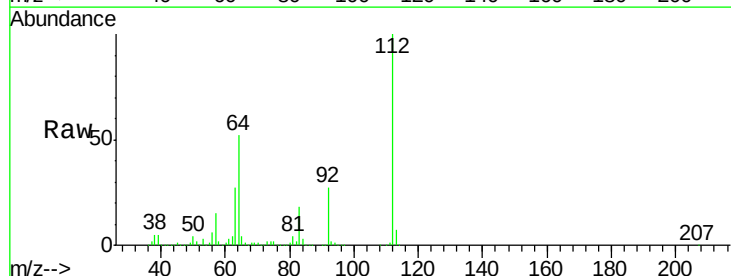
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



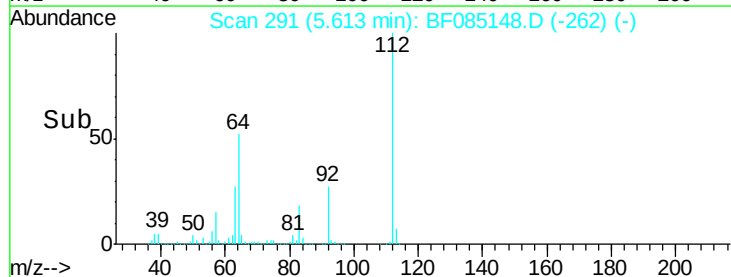
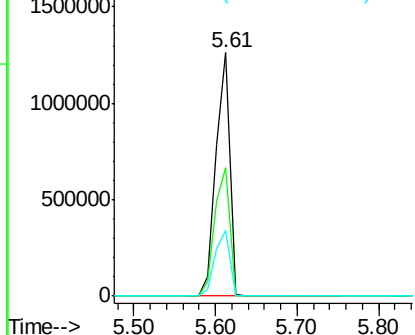
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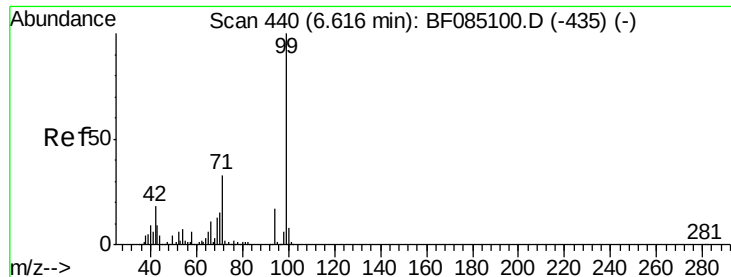
2-Fluorophenol
Concen: 138.88 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Tgt Ion:112 Resp: 1483179
Ion Ratio Lower Upper
112 100
64 52.5 50.6 76.0
63 26.8 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: 127.04 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

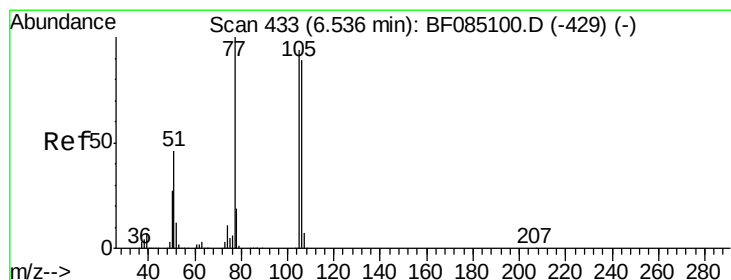
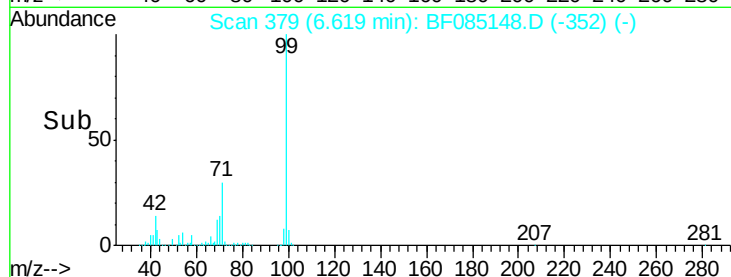
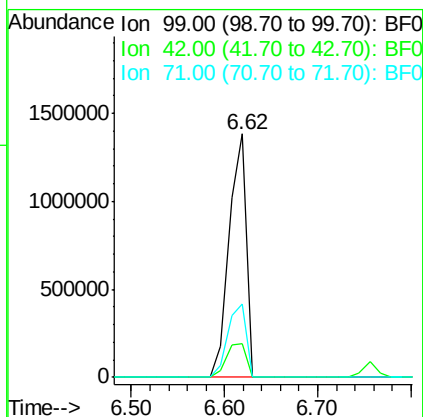
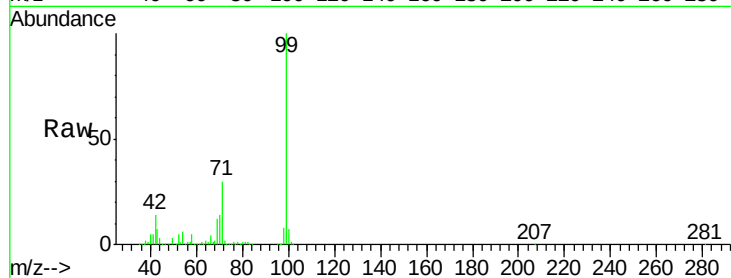
BNA_F

ClientSampleId :

HSR-WC-40-022516

Tgt Ion: 99 Resp: 1778587

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.1	21.1#
71	30.0	26.8	40.2



#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.76 min Scan# 391

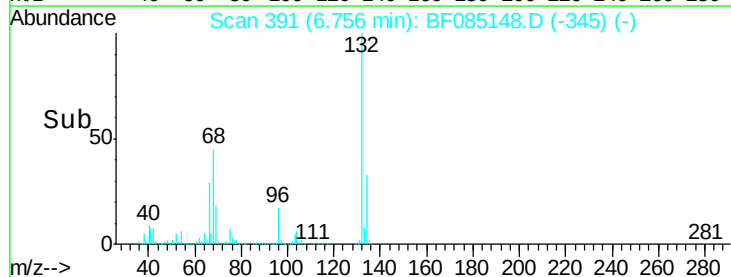
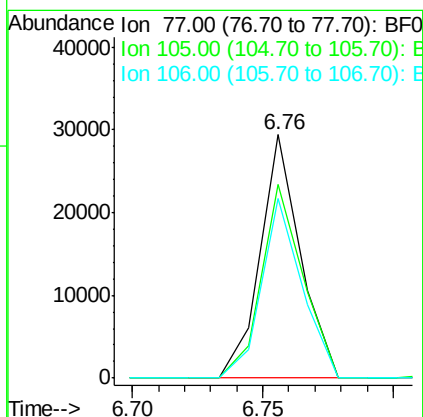
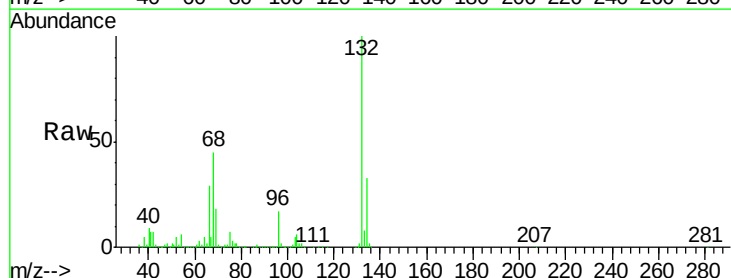
Delta R.T. 0.22 min

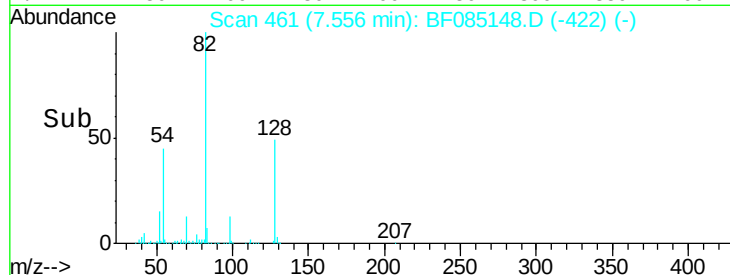
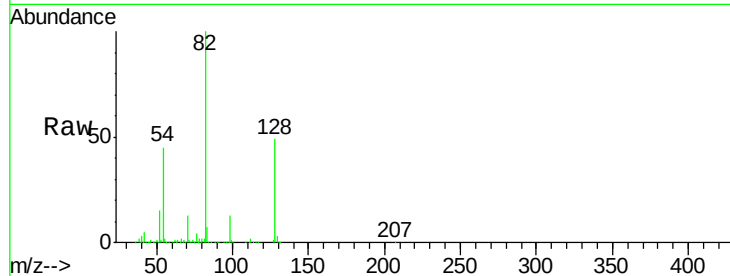
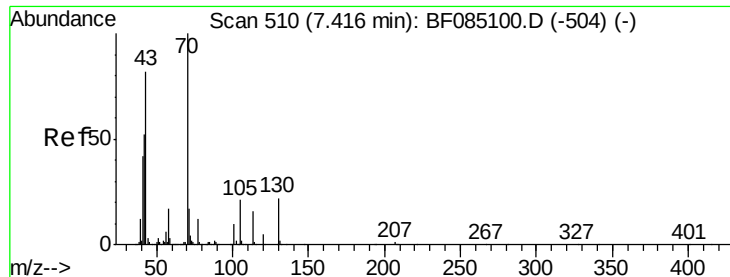
Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Tgt Ion: 77 Resp: 31579

Ion	Ratio	Lower	Upper
77	100		
105	79.5	73.7	113.7
106	73.9	69.2	109.2

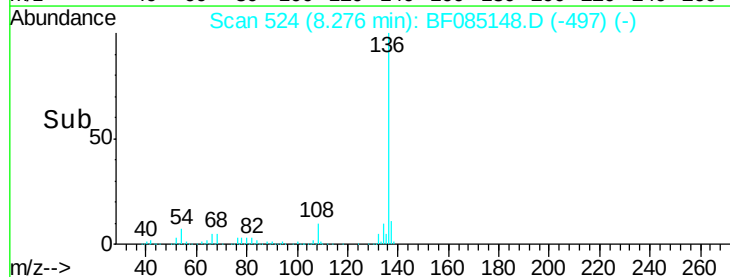
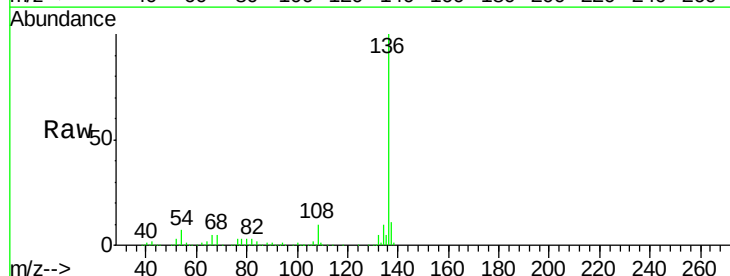
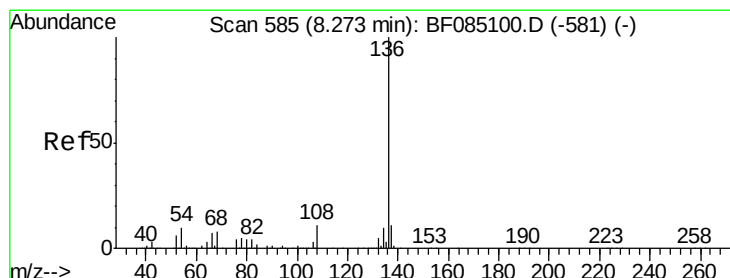
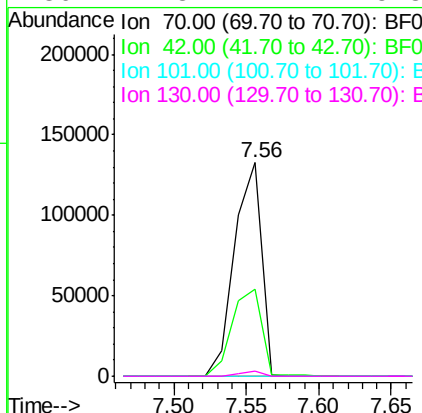




#19
n-Nitroso-di-n-propylamine
Concen: 18.58 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

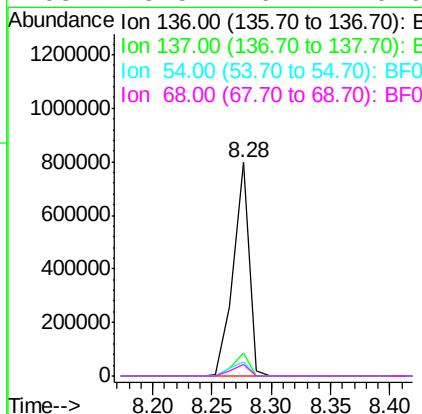
Instrument :
BNA_F
ClientSampleId :
HSR-WC-40-022516

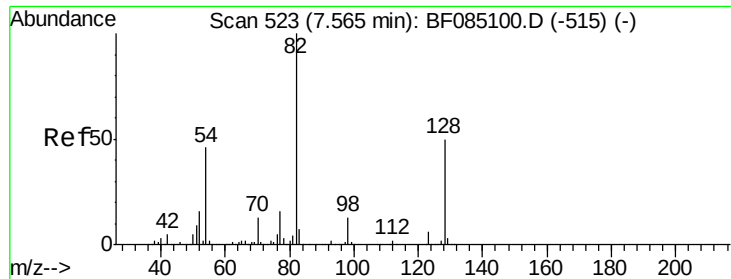
Tgt Ion:	70	Resp:	171418
Ion	Ratio	Lower	Upper
70	100		
42	40.7	41.9	62.9#
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Tgt Ion:	136	Resp:	739991
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	8.5	12.7#
68	5.5	6.4	9.6#

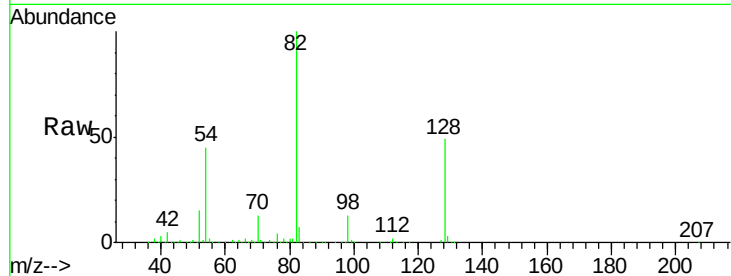




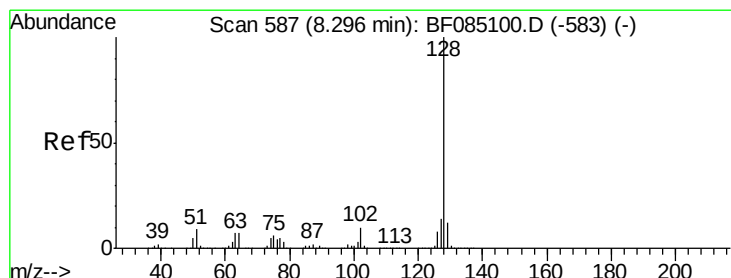
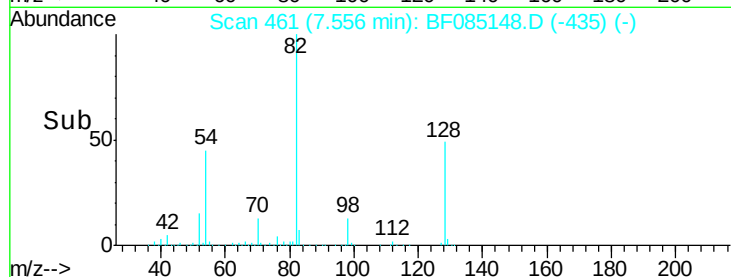
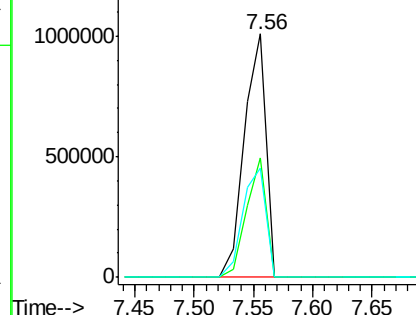
#23
 Nitrobenzene-d5
 Concen: 91.92 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-40-022516

Tgt Ion: 82 Resp: 1278487
 Ion Ratio Lower Upper
 82 100
 128 49.3 39.8 59.6
 54 44.8 36.6 54.8

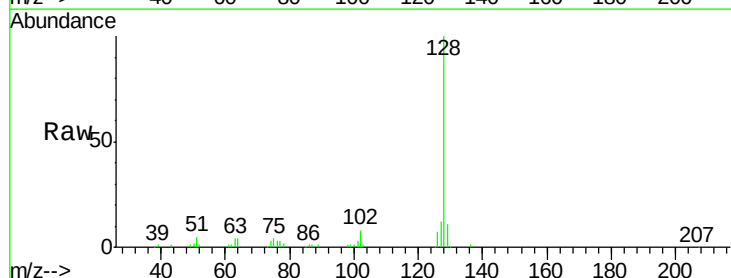


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

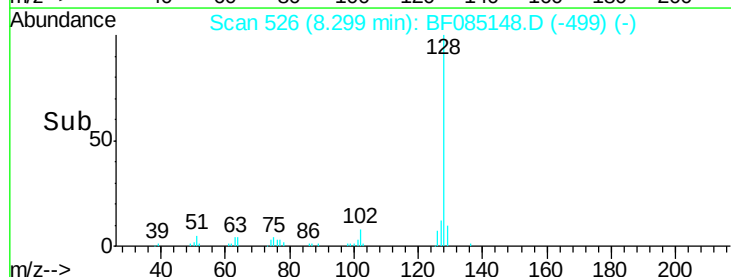
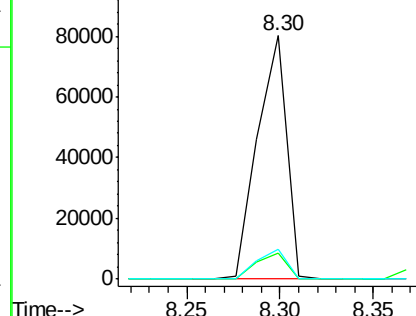


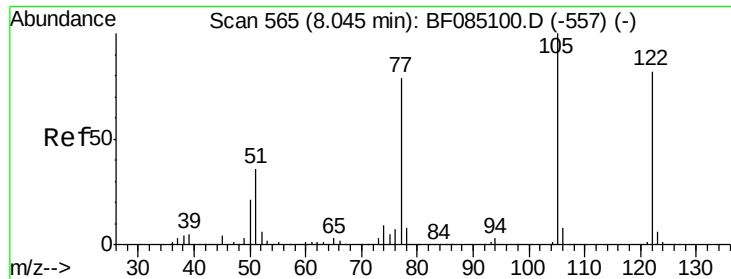
#31
 Naphthalene
 Concen: 2.36 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Tgt Ion: 128 Resp: 88136
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.7 14.5
 127 12.2 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

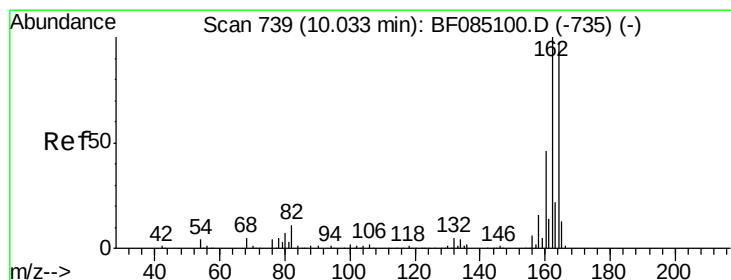
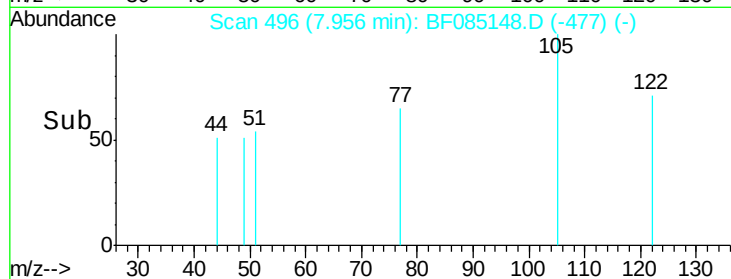
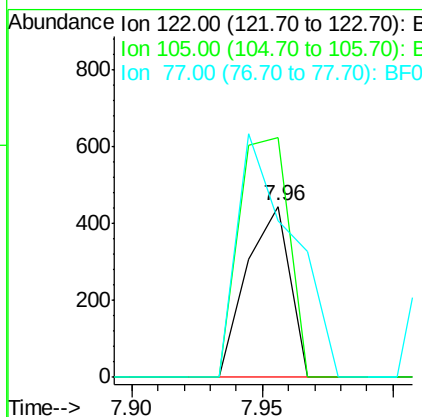
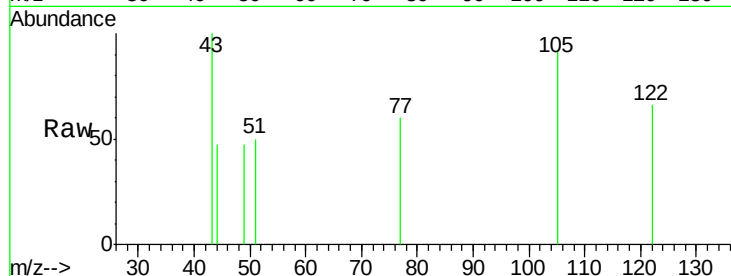




#32
Benzoic acid
Concen: 12.46 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

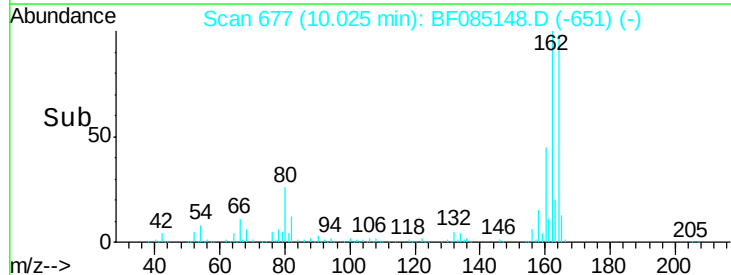
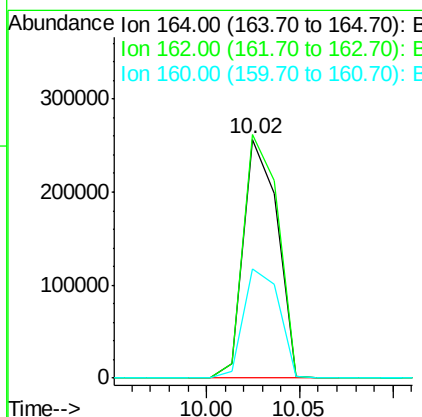
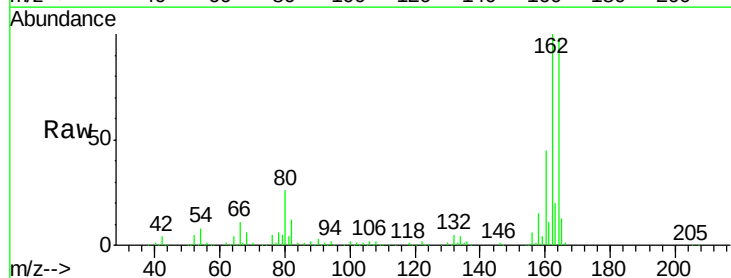
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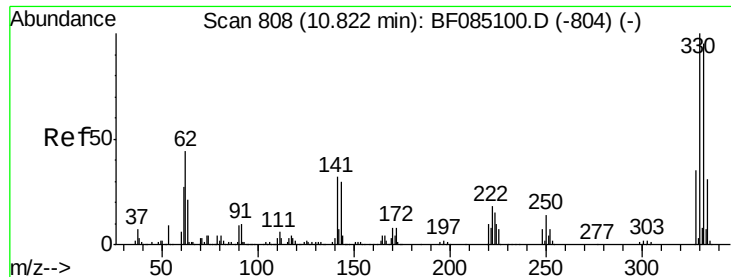
Tgt Ion:122 Resp: 517
Ion Ratio Lower Upper
122 100
105 139.9 102.0 142.0
77 91.3 76.8 116.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085148.D
Acq: 3 Mar 2016 4:39

Tgt Ion:164 Resp: 324689
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.9 38.2 57.2

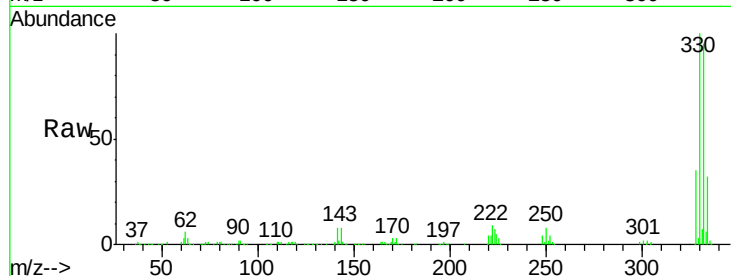




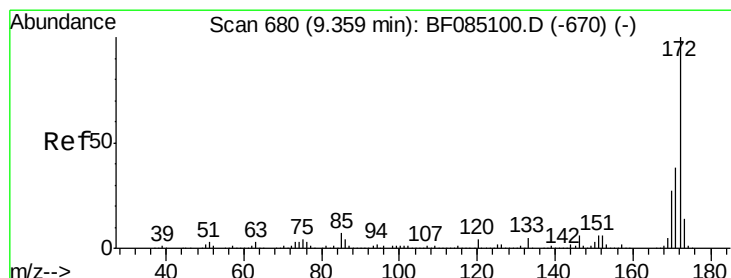
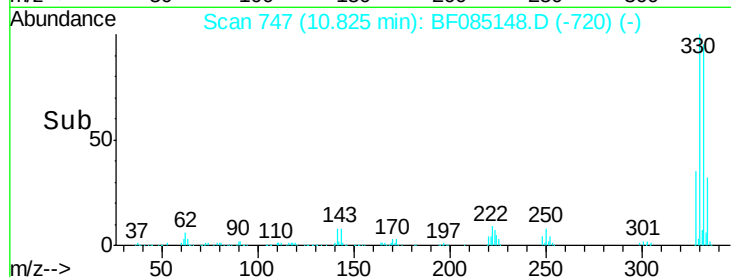
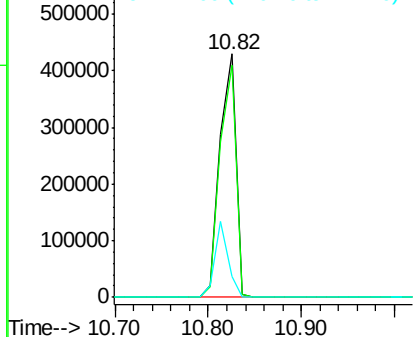
#41
 2,4,6-Tribromophenol
 Concen: 157.25 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-40-022516

Tgt Ion:330 Resp: 513108
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.9 113.9
 141 26.1 28.9 43.3#

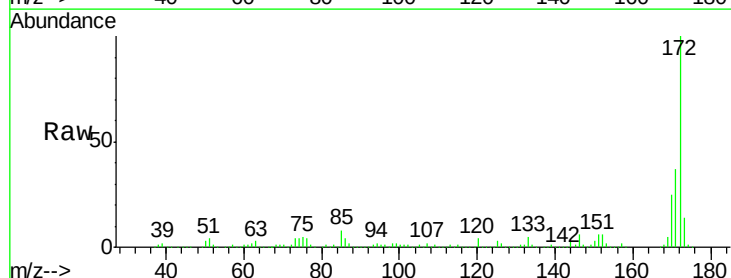


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

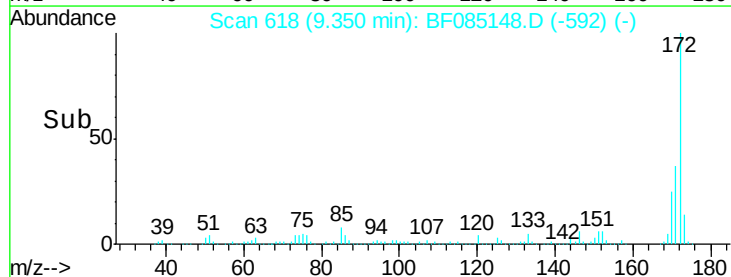
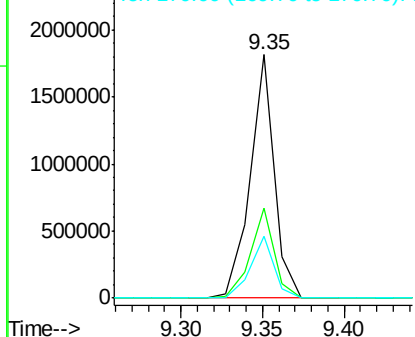


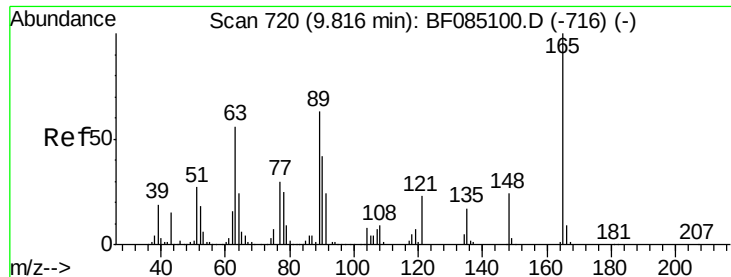
#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Tgt Ion:172 Resp: 1850797
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

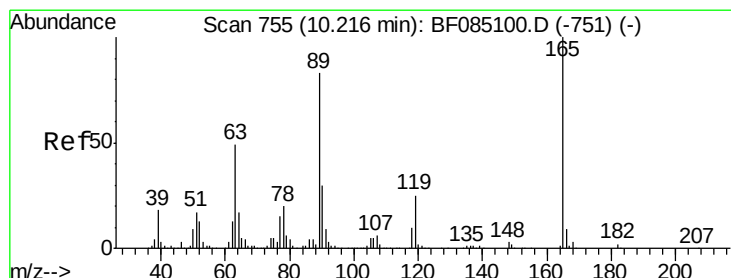
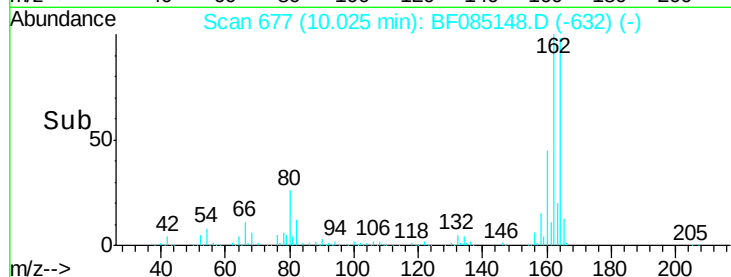
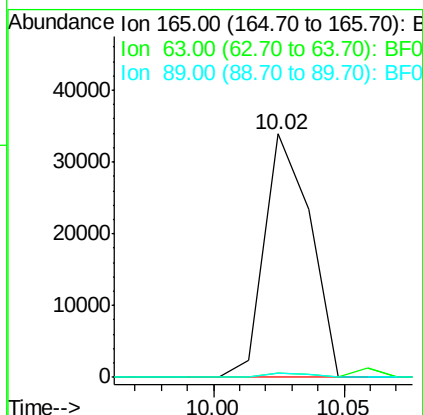
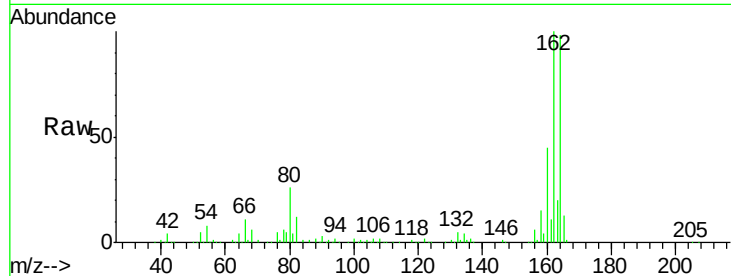




#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

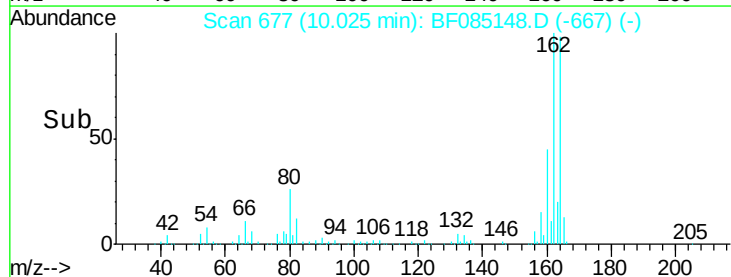
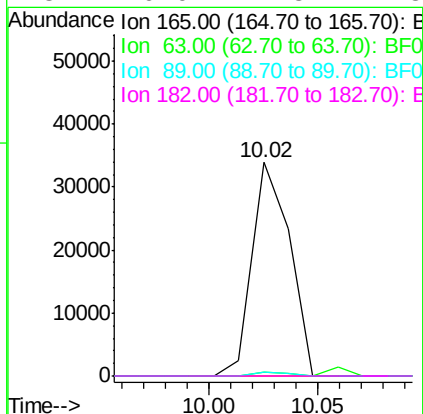
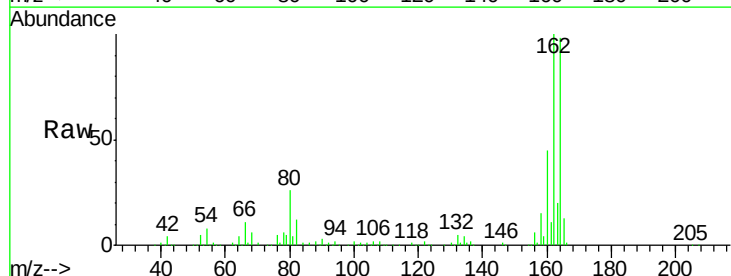
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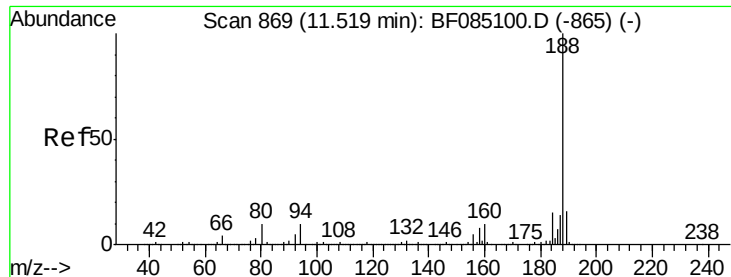
Tgt Ion:165 Resp: 40964
 Ion Ratio Lower Upper
 165 100
 63 1.6 47.4 71.2#
 89 1.7 50.2 75.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF085148.D
 Acq: 3 Mar 2016 4:39

Tgt Ion:165 Resp: 40966
 Ion Ratio Lower Upper
 165 100
 63 1.6 39.2 58.8#
 89 1.7 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: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

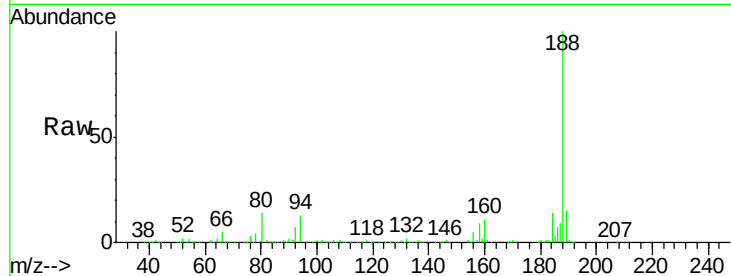
Tgt Ion:188 Resp: 563640

Ion Ratio Lower Upper

188 100

94 12.7 7.8 11.6#

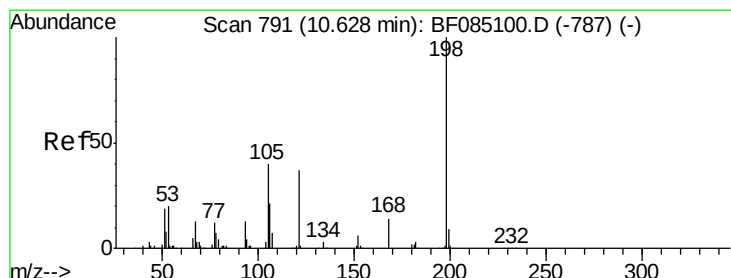
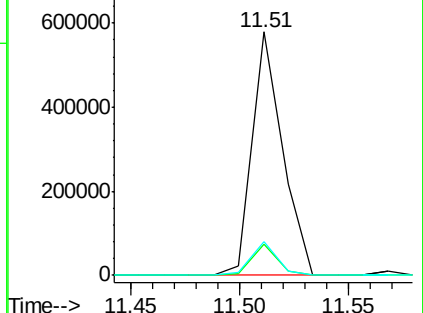
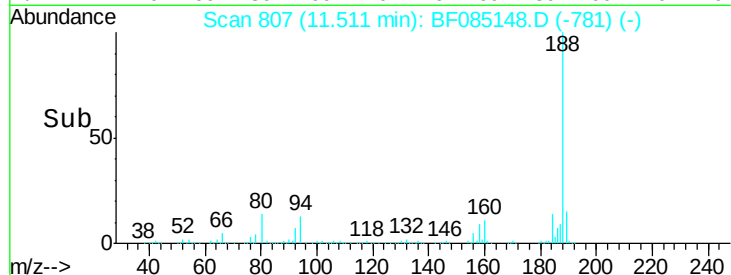
80 13.9 8.2 12.4#



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: 7.45 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

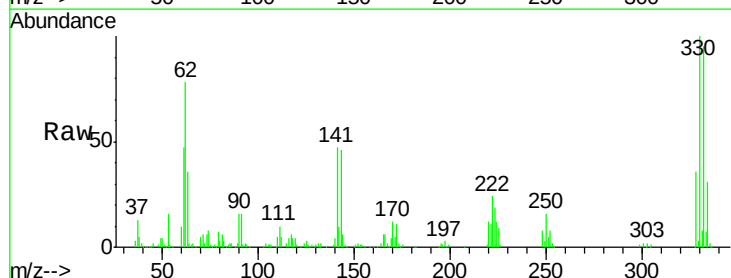
Tgt Ion:198 Resp: 986

Ion Ratio Lower Upper

198 100

51 171.7 12.5 52.5#

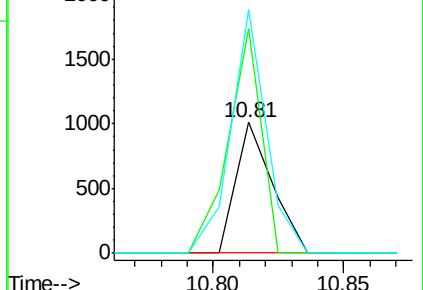
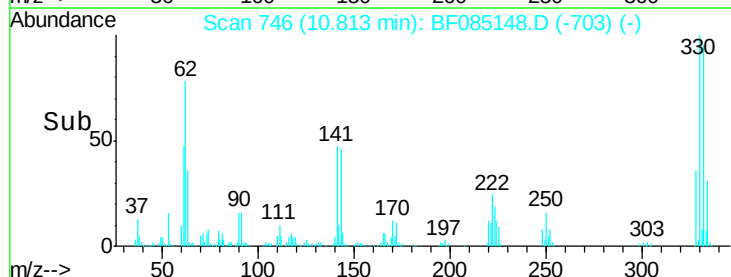
105 186.7 20.2 60.2#

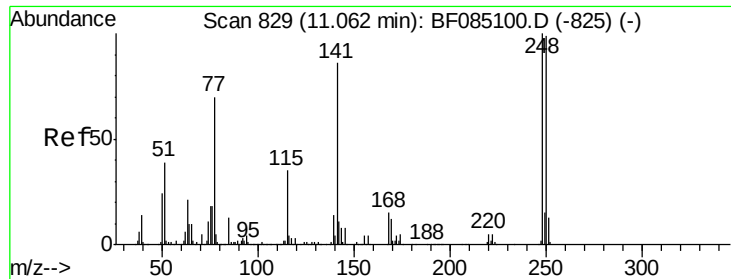


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.90 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

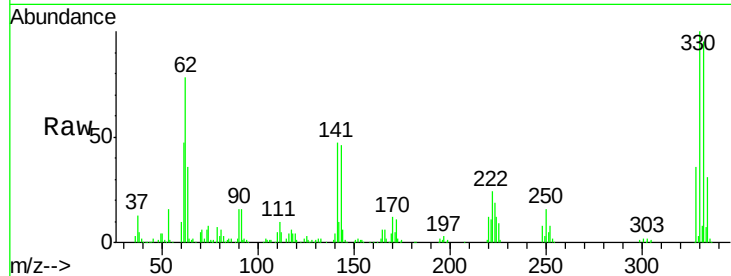
Tgt Ion:248 Resp: 28975

Ion Ratio Lower Upper

248 100

250 195.0 79.0 118.4#

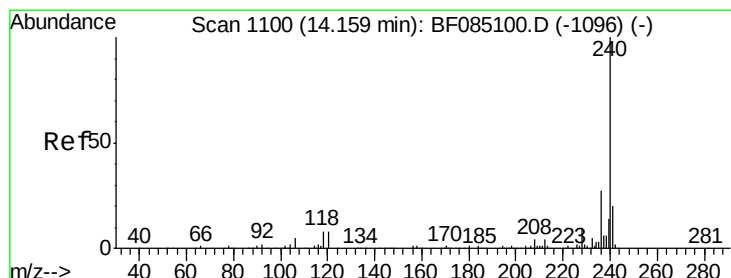
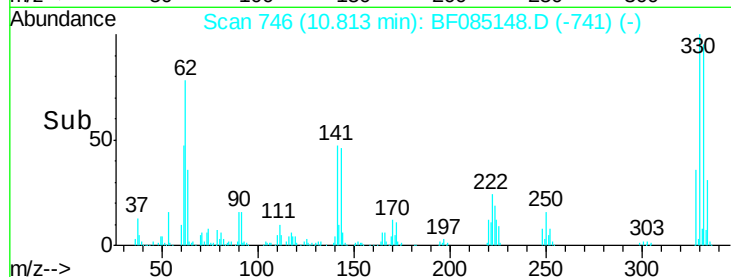
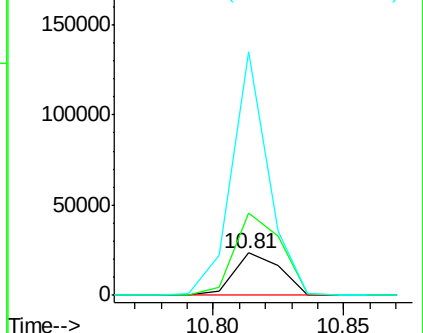
141 573.3 68.6 103.0#



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: BF085148.D

Acq: 3 Mar 2016 4:39

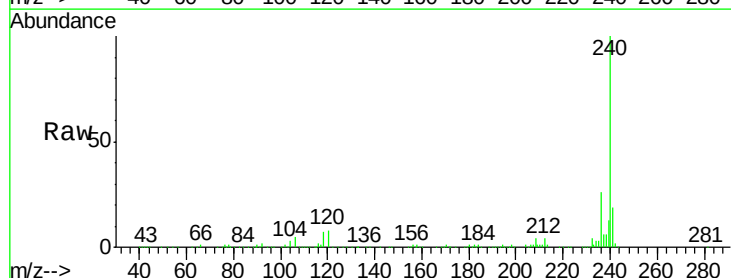
Tgt Ion:240 Resp: 393144

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

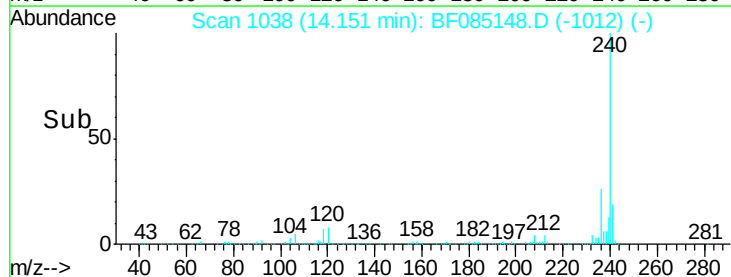
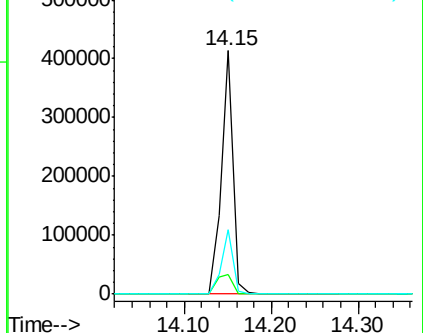
236 26.5 21.6 32.4

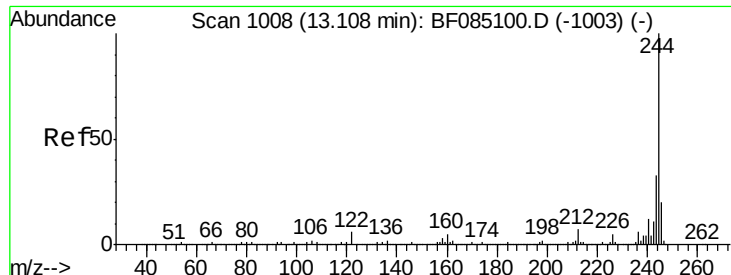


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.49 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085148.D

Acq: 3 Mar 2016 4:39

Instrument :

BNA_F

ClientSampleId :

HSR-WC-40-022516

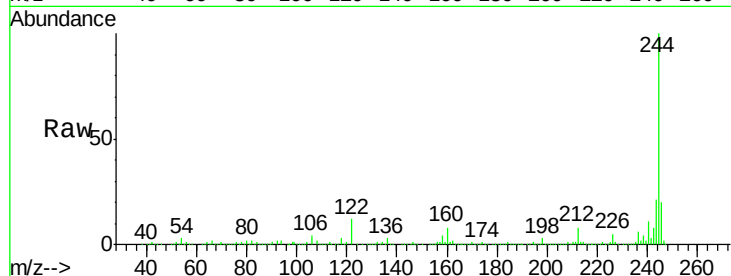
Tgt Ion:244 Resp: 1600338

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

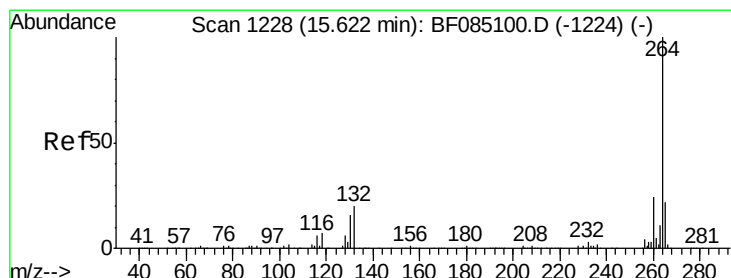
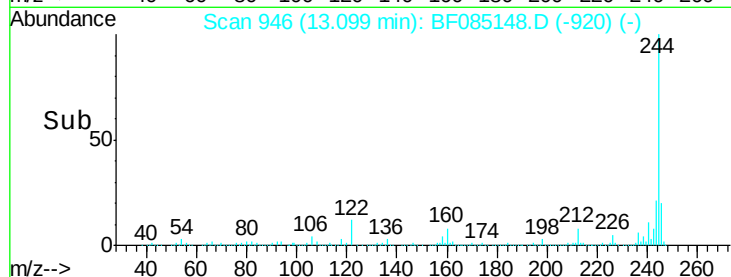
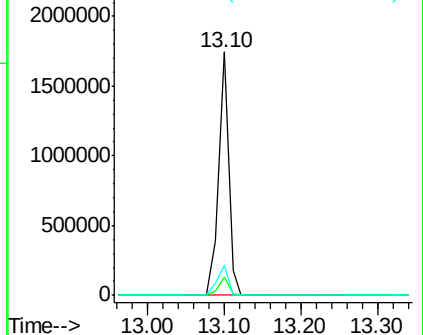
122 12.2 5.1 7.7#



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: BF085148.D

Acq: 3 Mar 2016 4:39

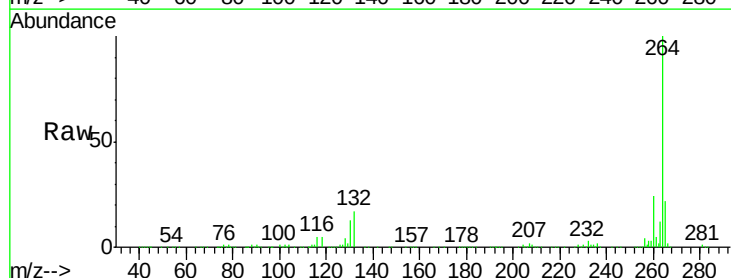
Tgt Ion:264 Resp: 374795

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.7 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

