

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087745.D
 Acq On : 6 Jun 2016 11:44
 Operator : UM/SJ
 Sample : H3372-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

Quant Time: Jun 06 16:01:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	105570	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	464644	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	198937	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	417633	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	359910	20.00	ng	-0.02
86) Perylene-d12	15.42	264	113915	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	739279	113.19	ng	0.01
7) Phenol-d6	6.49	99	1034102	126.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	699436	87.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	291549	146.00	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1140250	89.53	ng	-0.02
78) Terphenyl-d14	12.96	244	1103830	74.84	ng	-0.01

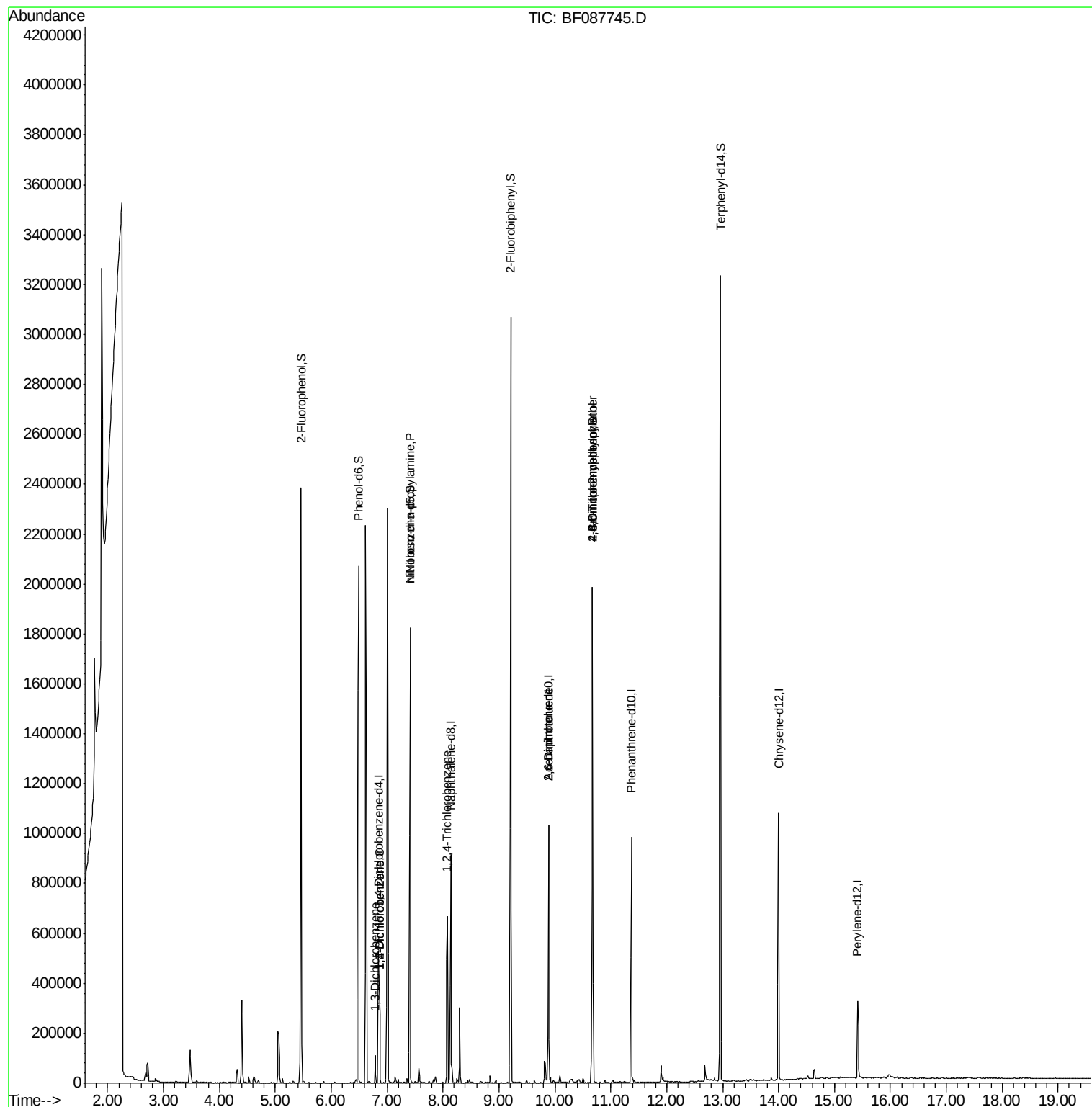
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,3-Dichlorobenzene	6.79	146	21627	2.69	ng	99
13) 1,4-Dichlorobenzene	6.87	146	56321	6.98	ng	98
14) 1,2-Dichlorobenzene	6.87	146	56321	7.44	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	93076	18.19	ng	# 73
30) 1,2,4-Trichlorobenzene	8.08	180	173460	26.06	ng	96
50) 2,6-Dinitrotoluene	9.88	165	25411	7.72	ng	# 40
56) 2,4-Dinitrotoluene	9.88	165	25412	6.06	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.67	198	407	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	16595	4.01	ng	# 1

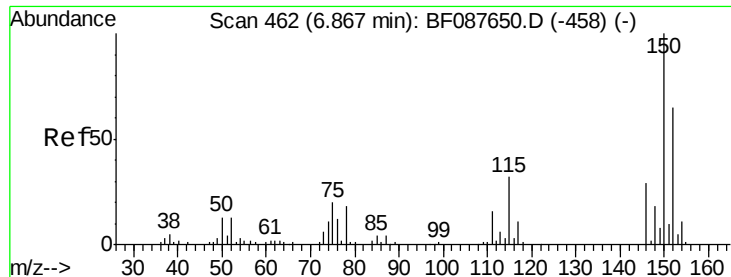
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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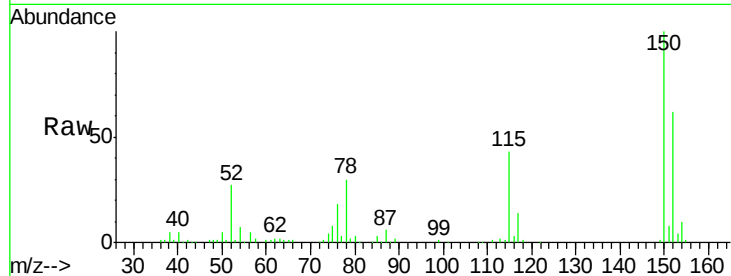


#1

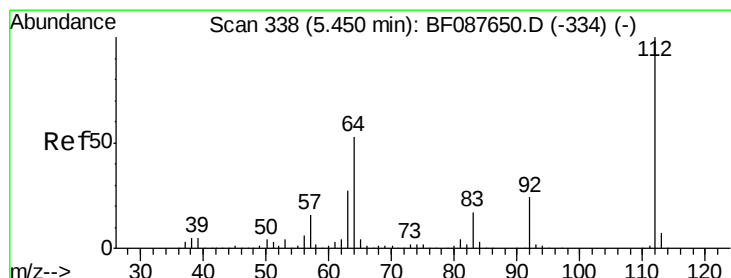
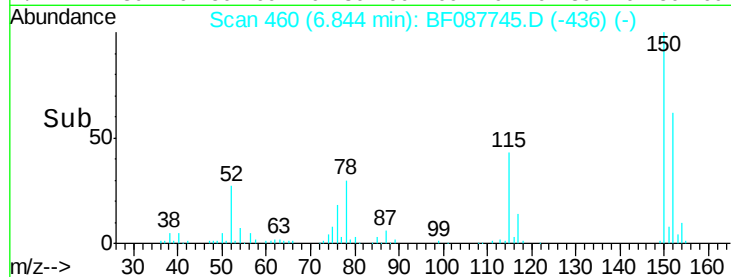
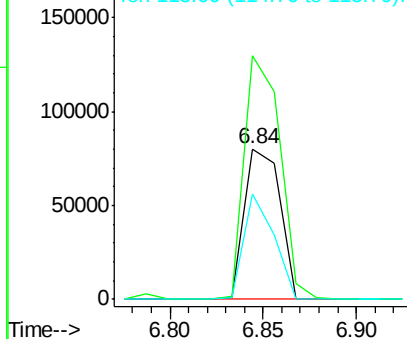
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Tgt Ion:152 Resp: 105570
Ion Ratio Lower Upper
152 100
150 161.5 123.8 185.6
115 69.8 39.6 59.4#



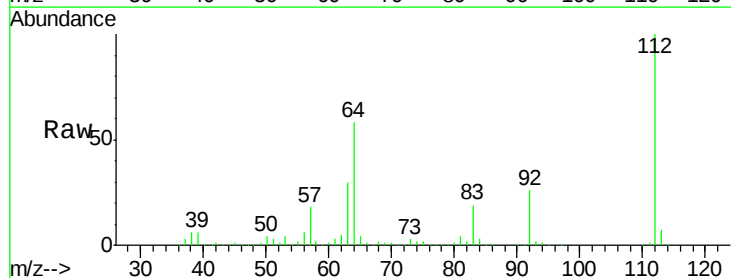
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



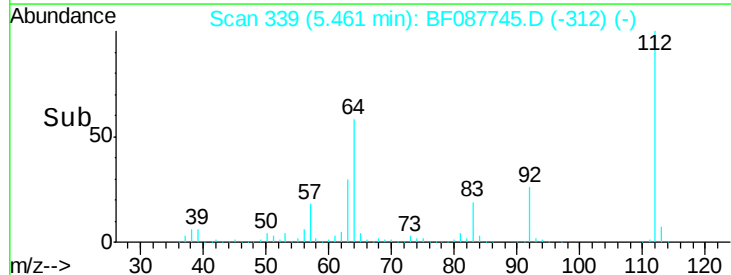
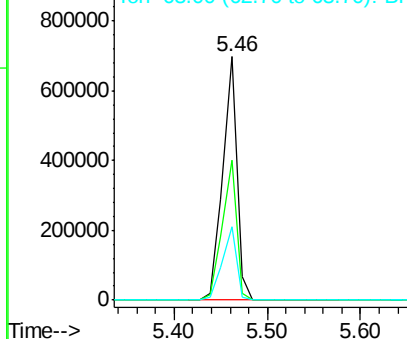
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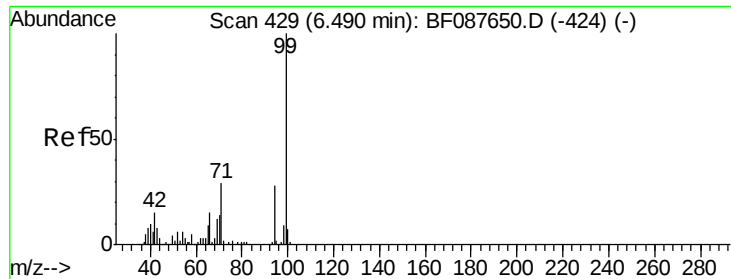
2-Fluorophenol
Concen: 113.19 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Tgt Ion:112 Resp: 739279
Ion Ratio Lower Upper
112 100
64 57.6 42.2 63.2
63 30.2 21.8 32.8



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: 126.25 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116

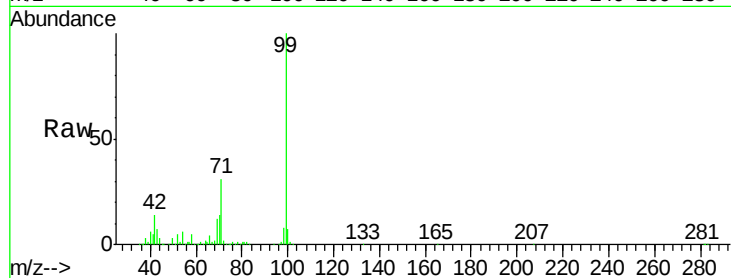
Tgt Ion: 99 Resp: 1034102

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

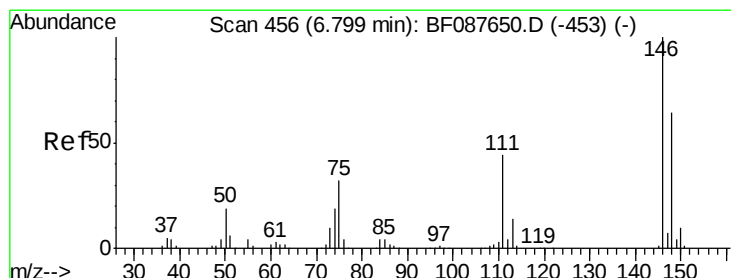
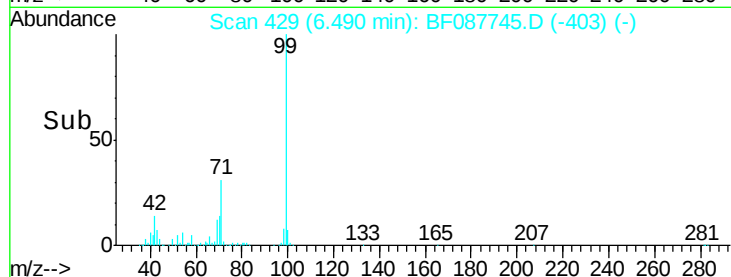
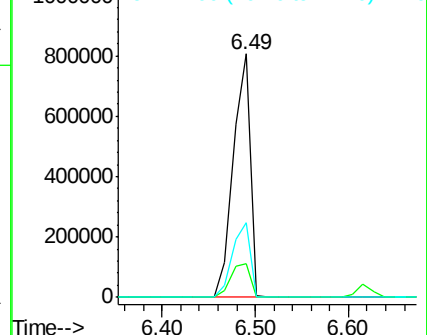
71 30.7 23.4 35.0



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



#12

1,3-Dichlorobenzene

Concen: 2.69 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

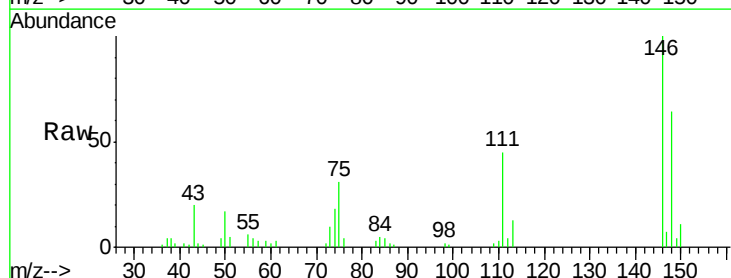
Tgt Ion: 146 Resp: 21627

Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

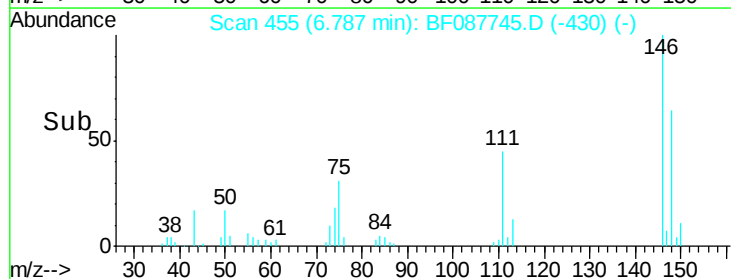
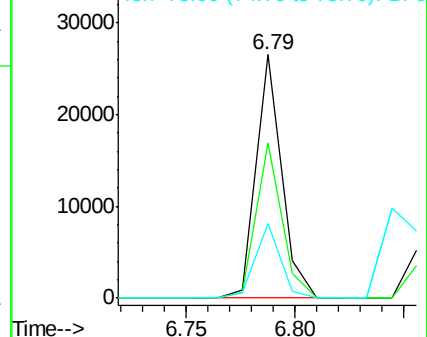
75 30.7 25.6 38.4

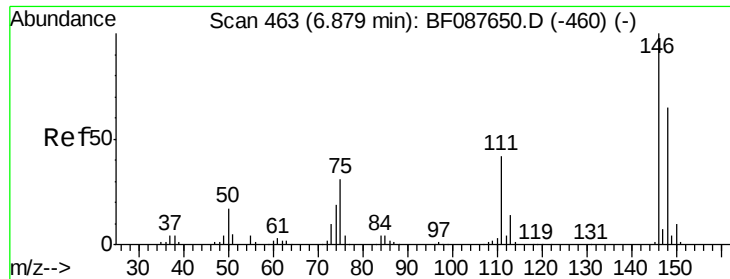


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

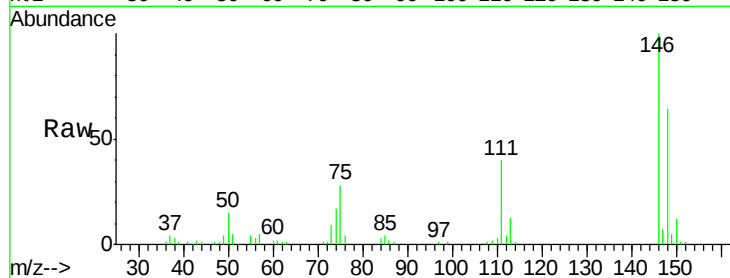




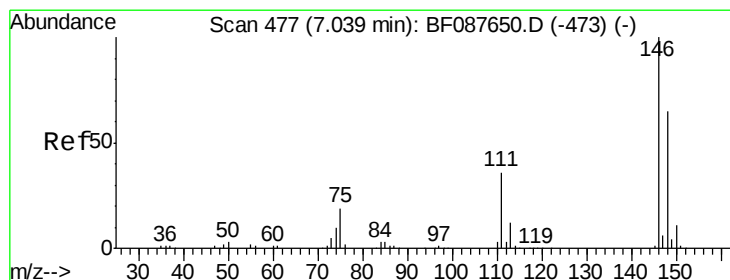
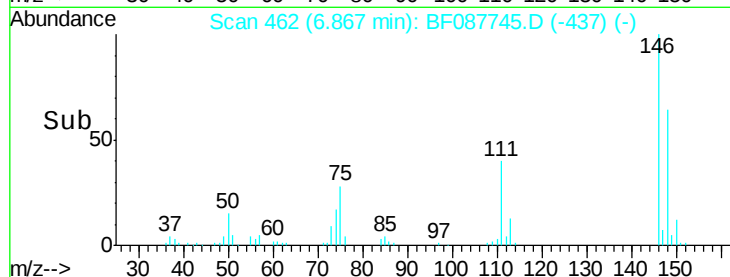
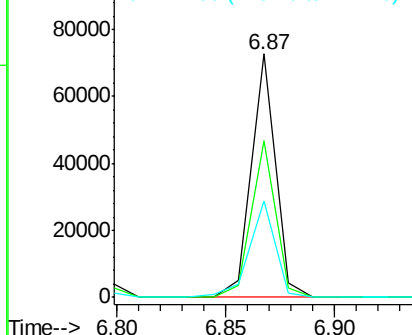
#13
 1,4-Dichlorobenzene
 Concen: 6.98 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

Tgt Ion:146 Resp: 56321
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 39.7 33.8 50.8

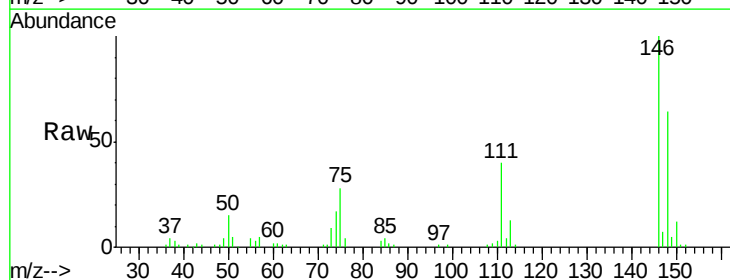


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

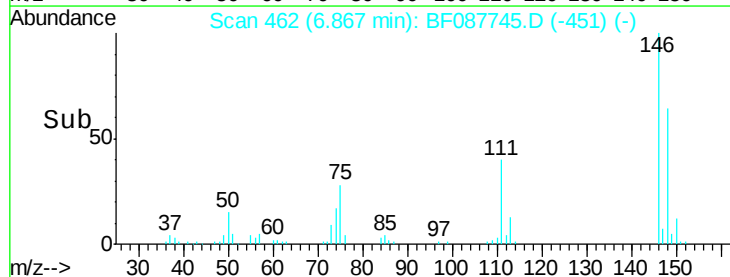
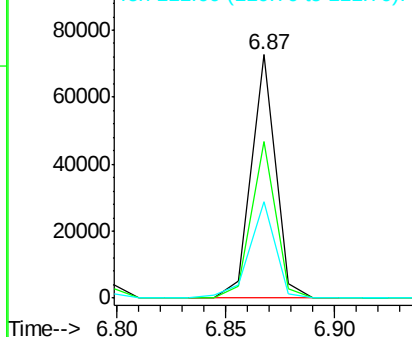


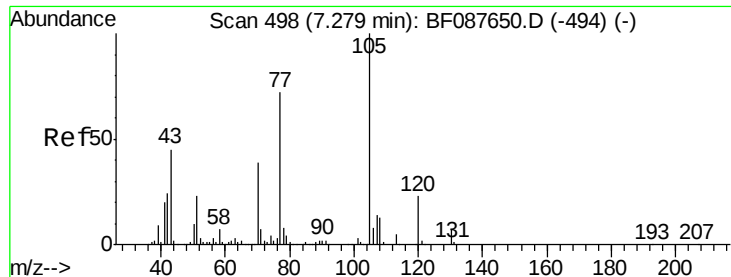
#14
 1,2-Dichlorobenzene
 Concen: 7.44 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.17 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion:146 Resp: 56321
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 39.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

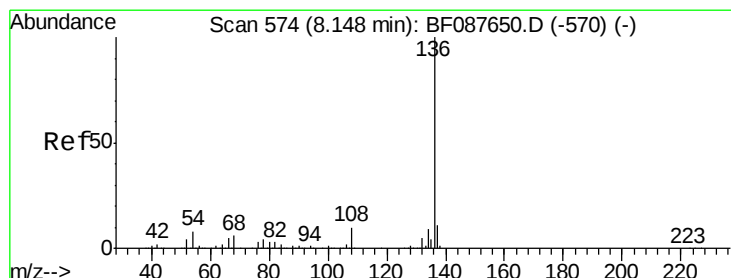
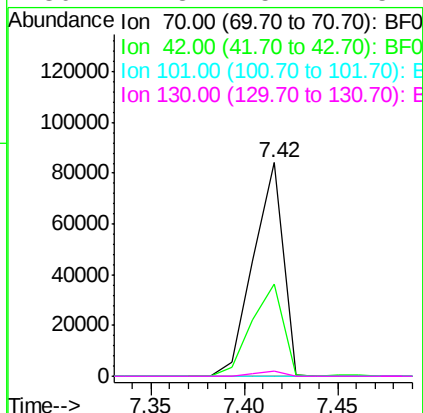
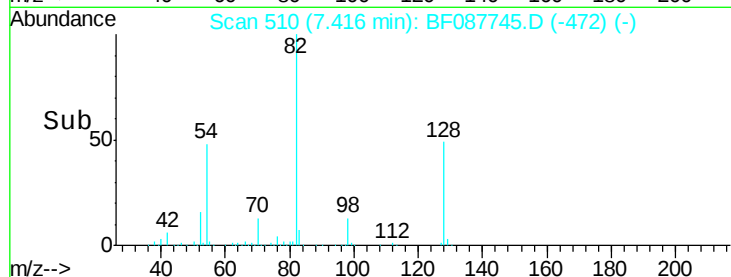
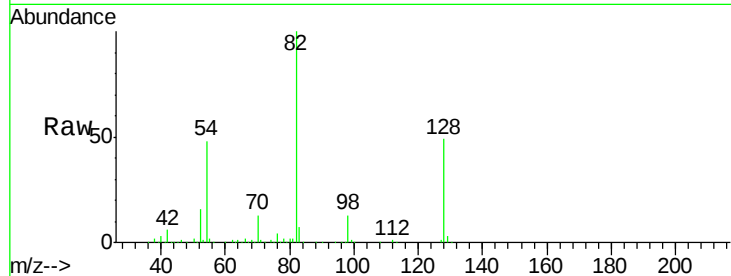




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.14 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

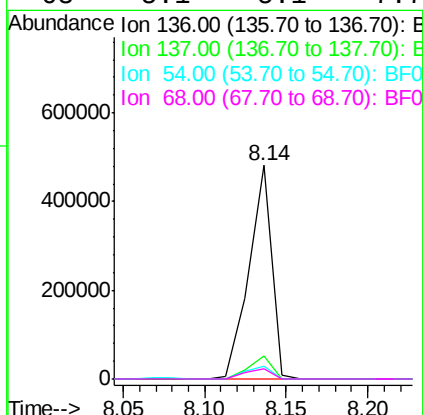
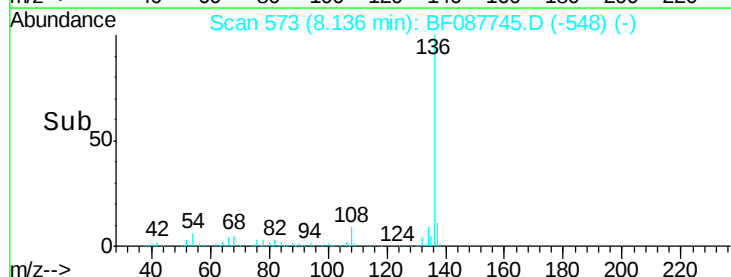
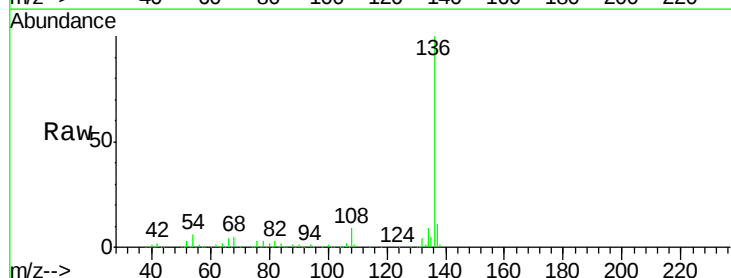
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

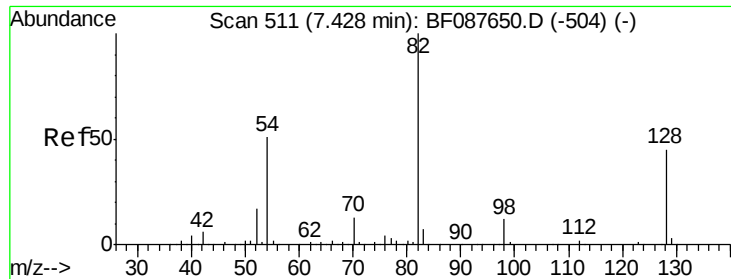
Tgt Ion: 70 Resp: 93076
Ion Ratio Lower Upper
70 100
42 43.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Tgt Ion: 136 Resp: 464644
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.1 6.6 10.0#
68 5.1 5.1 7.7#

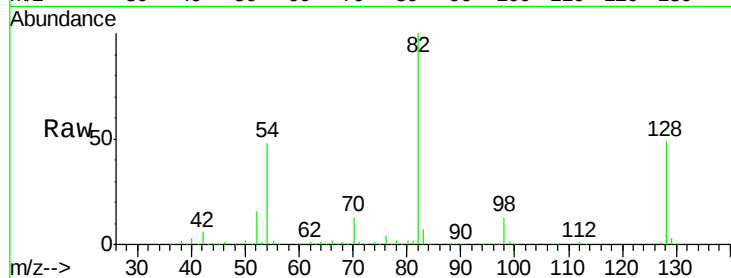




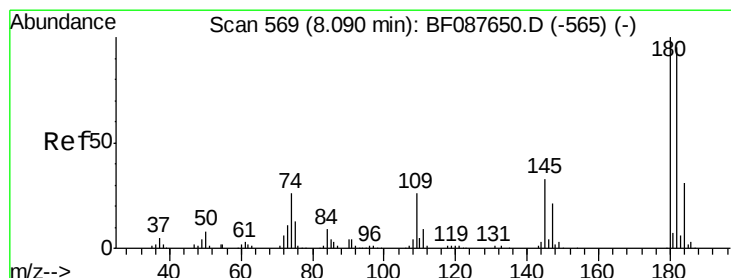
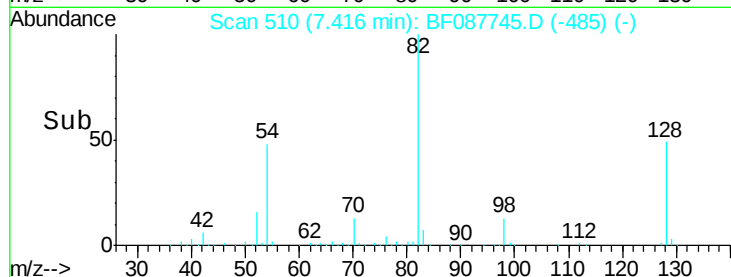
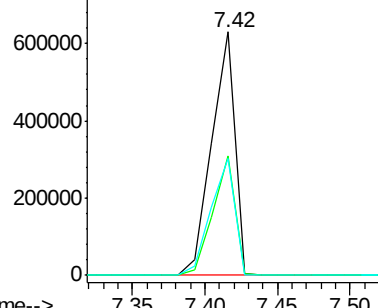
#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

Tgt Ion: 82 Resp: 699436
 Ion Ratio Lower Upper
 82 100
 128 48.9 35.9 53.9
 54 48.2 40.9 61.3

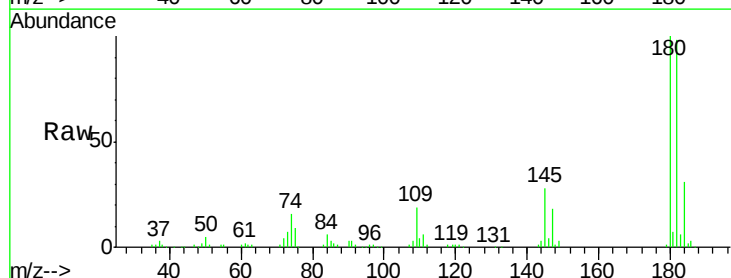


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

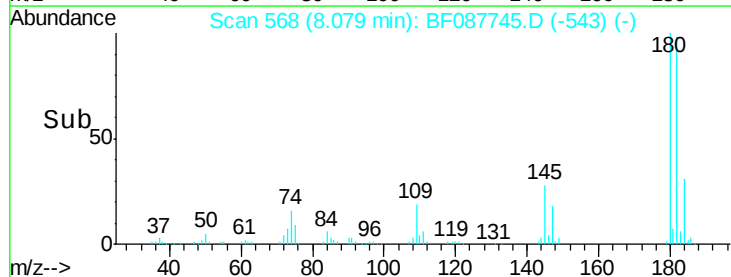
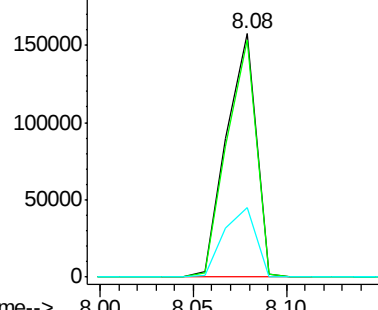


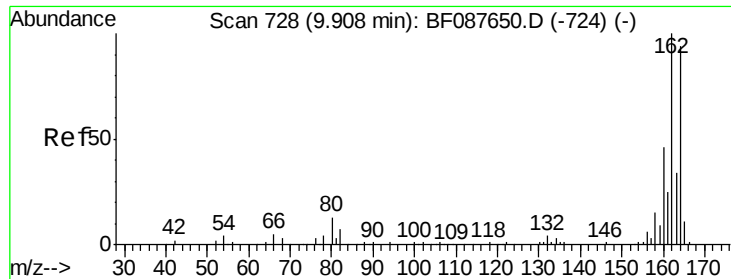
#30
 1,2,4-Trichlorobenzene
 Concen: 26.06 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion: 180 Resp: 173460
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.0 114.0
 145 28.3 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

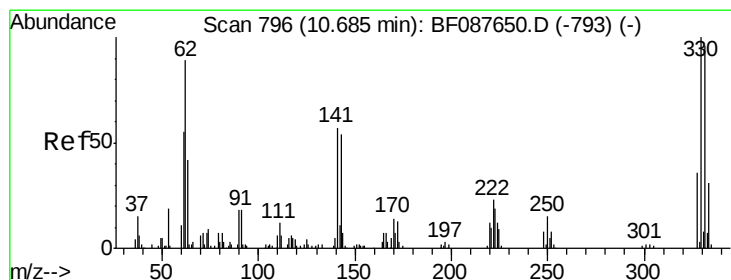
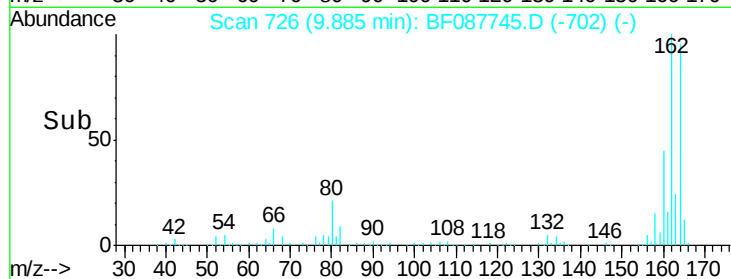
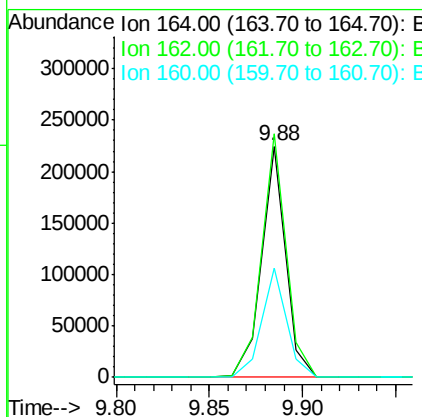
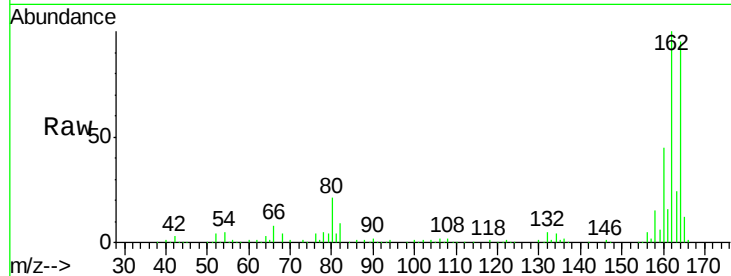




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

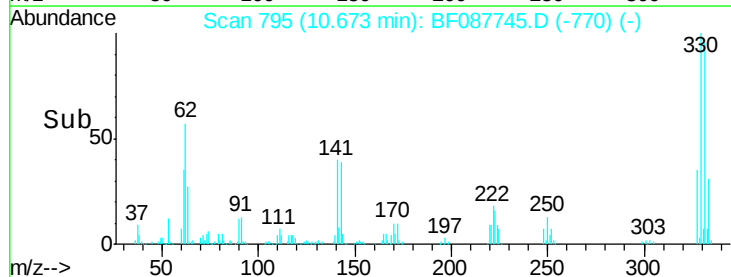
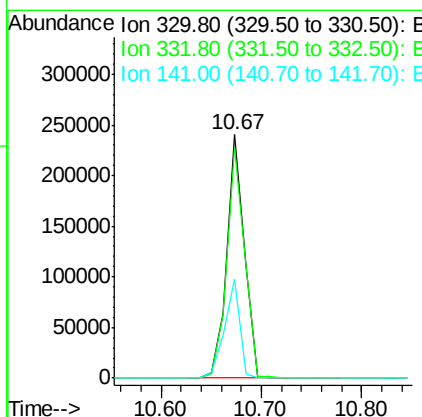
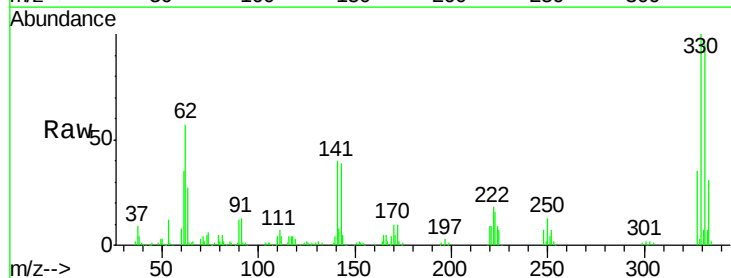
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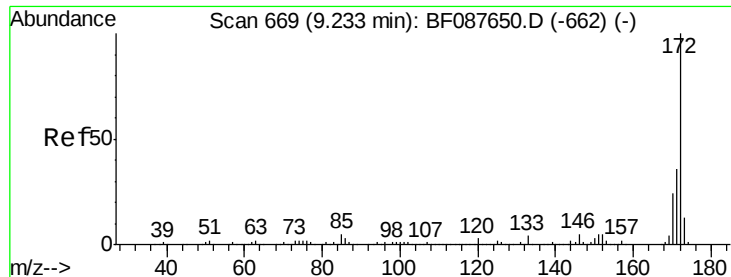
Tgt Ion:164 Resp: 198937
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.5 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 146.00 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion:330 Resp: 291549
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 35.3 0.0 0.0#

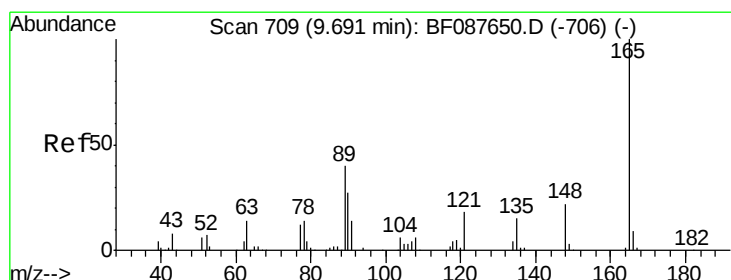
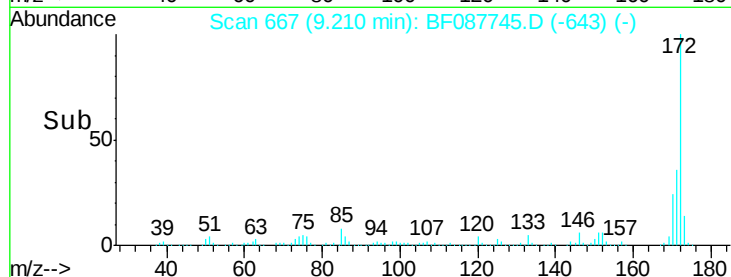
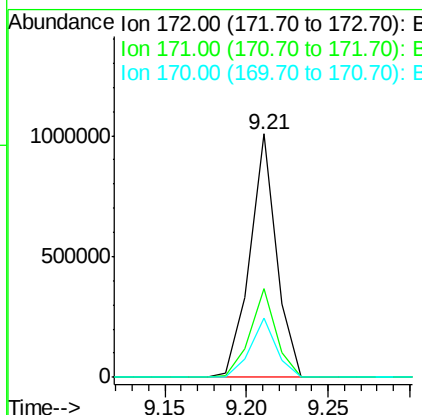
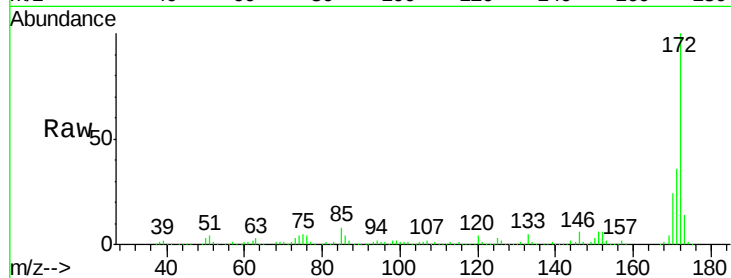




#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

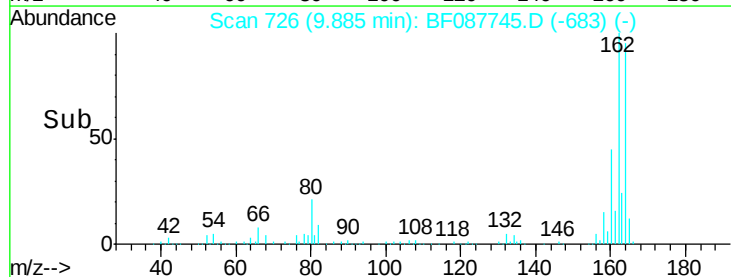
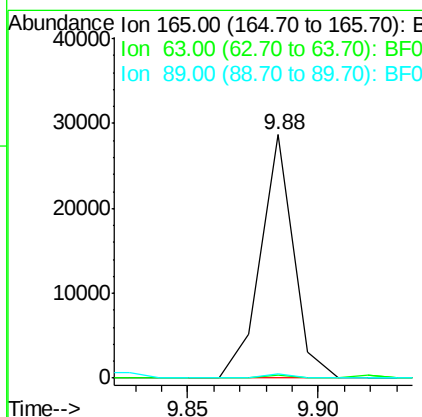
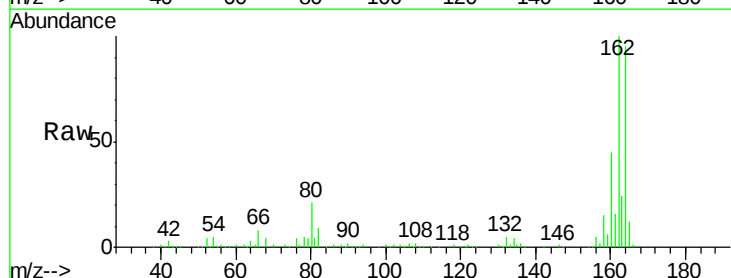
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

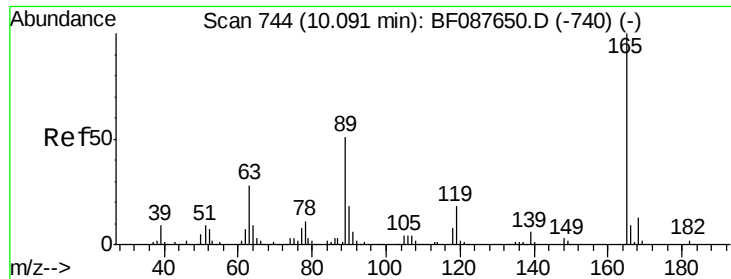
Tgt Ion:172 Resp: 1140250
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.19 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion:165 Resp: 25411
 Ion Ratio Lower Upper
 165 100
 63 1.4 28.1 42.1#
 89 1.9 32.2 48.2#

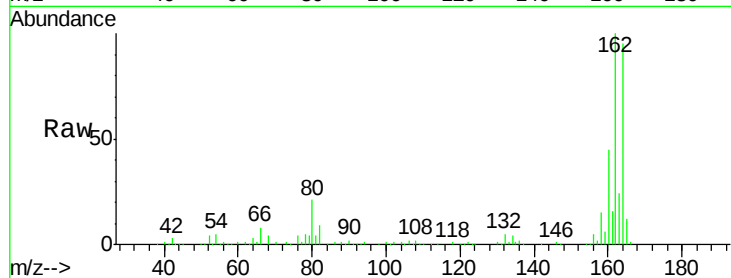




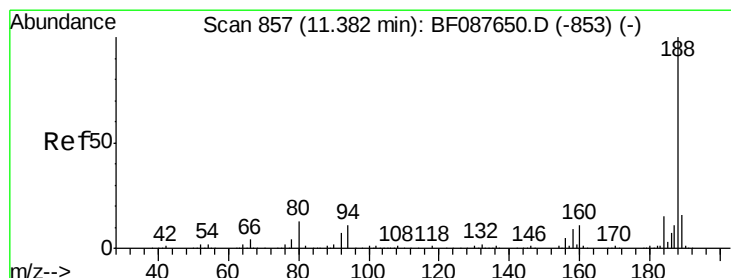
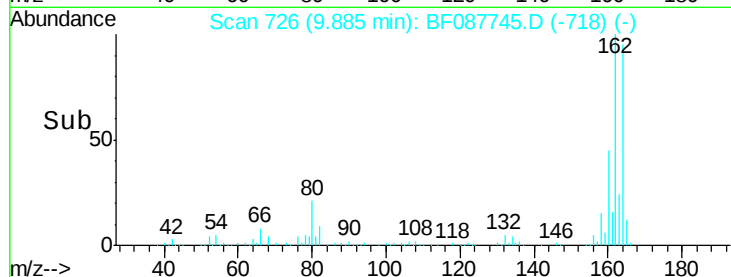
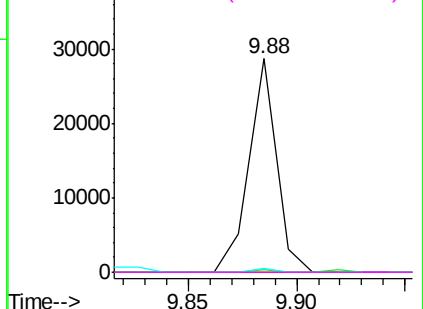
#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

Tgt Ion:165 Resp: 25412
 Ion Ratio Lower Upper
 165 100
 63 1.4 22.0 33.0#
 89 1.9 41.1 61.7#
 182 0.0 2.0 3.0#

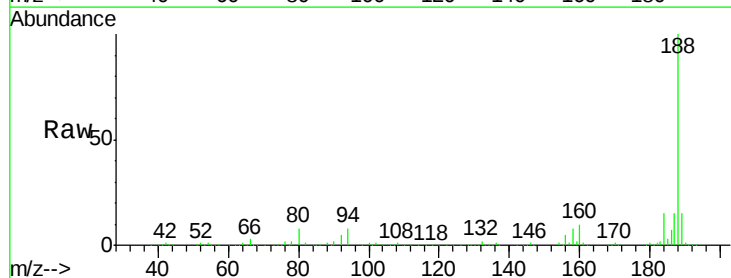


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

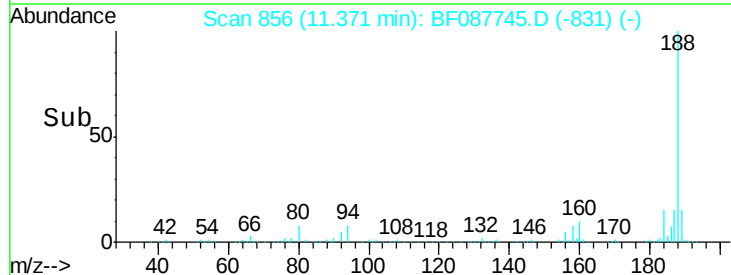
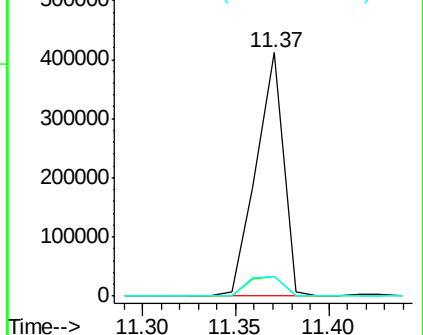


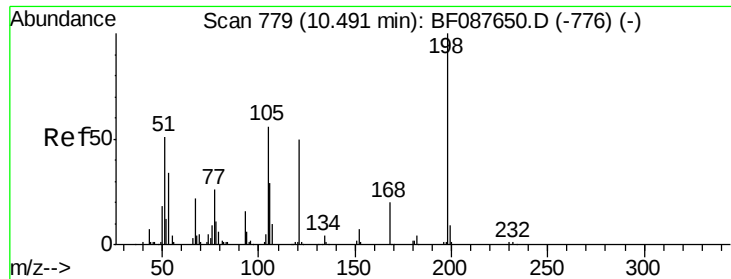
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion:188 Resp: 417633
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.6#
 80 8.0 10.0 15.0#



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: 2.18 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.18 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116

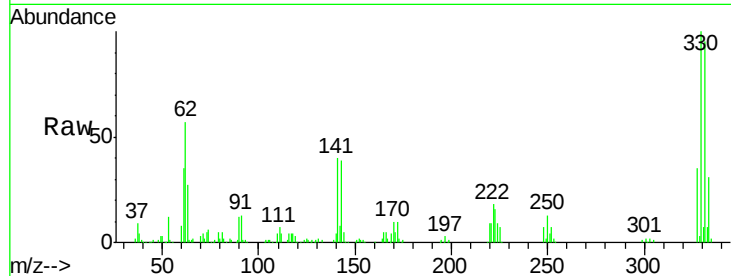
Tgt Ion:198 Resp: 407

Ion Ratio Lower Upper

198 100

51 189.6 39.6 79.6#

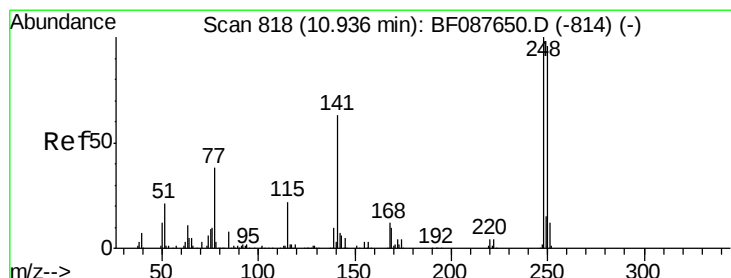
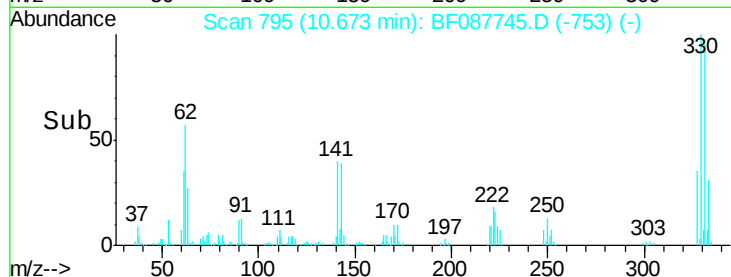
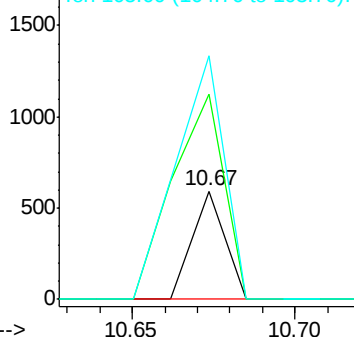
105 224.6 36.6 76.6#



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: 4.01 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.26 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

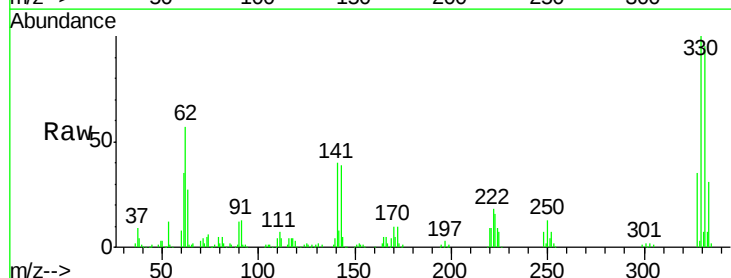
Tgt Ion:248 Resp: 16595

Ion Ratio Lower Upper

248 100

250 198.2 77.1 115.7#

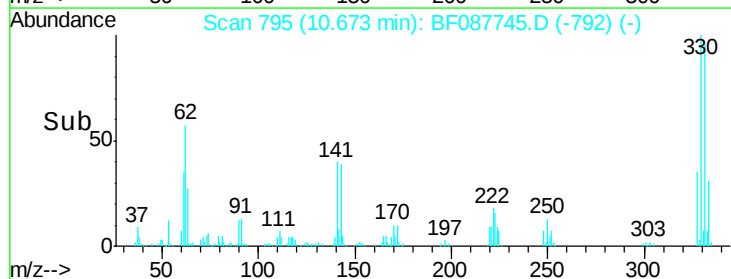
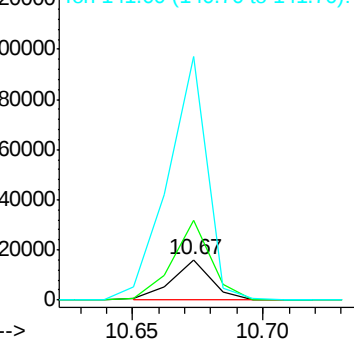
141 604.7 50.6 76.0#

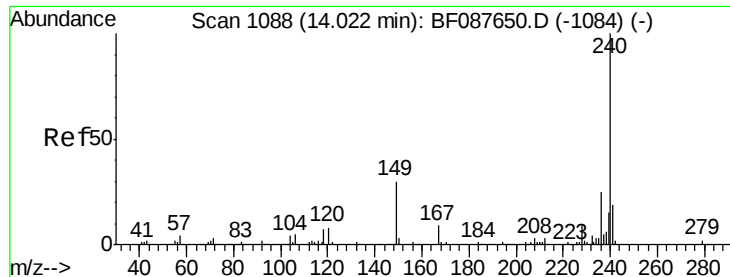


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116

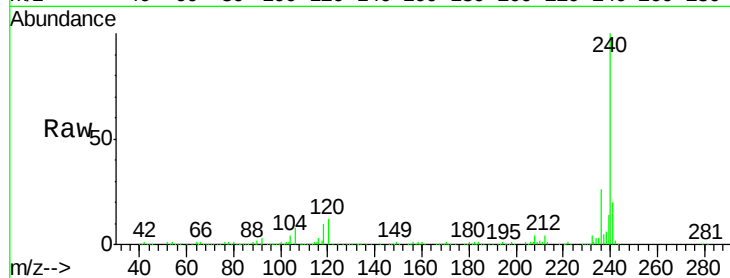
Tgt Ion:240 Resp: 359910

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

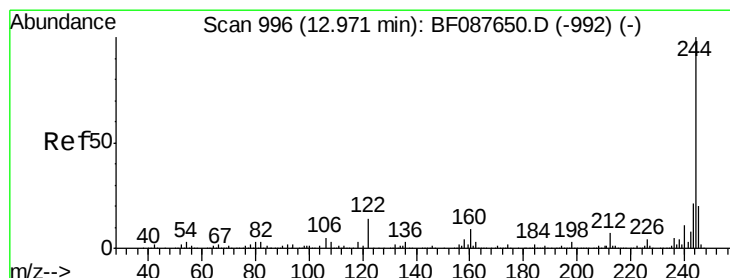
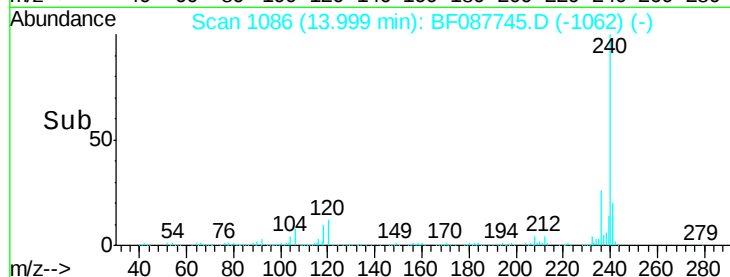
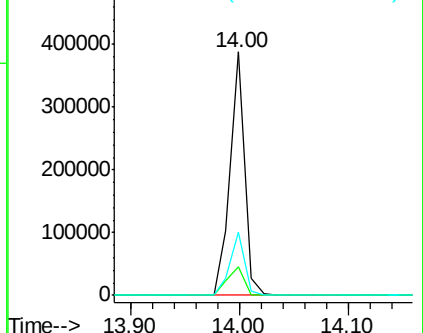
236 26.1 20.2 30.2



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: 74.84 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

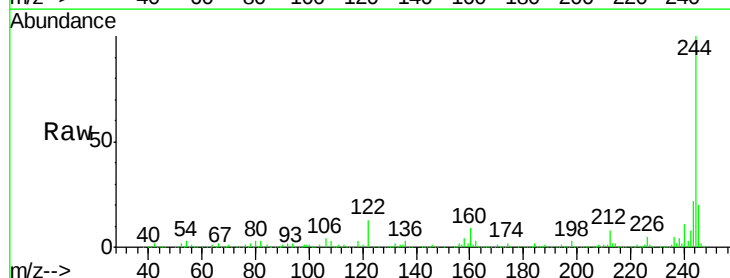
Tgt Ion:244 Resp: 1103830

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

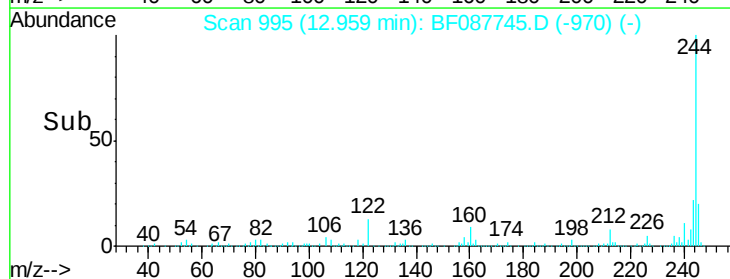
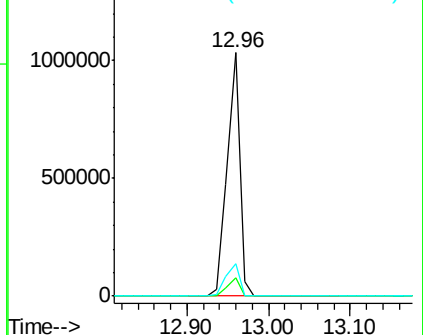
122 13.2 11.2 16.8

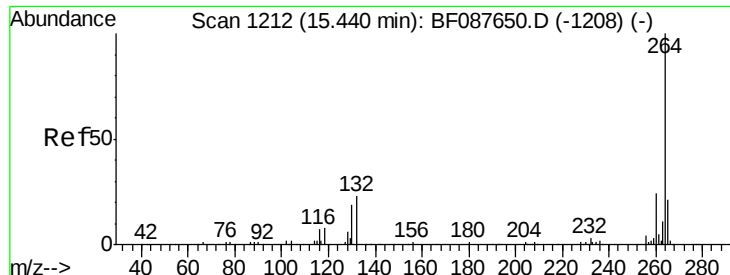


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

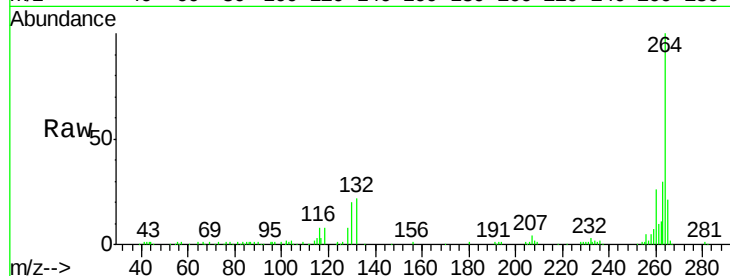




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Tgt Ion: 264 Resp: 113915
Ion Ratio Lower Upper
264 100
260 26.0 19.2 28.8
265 21.2 16.9 25.3



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

