

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087965.D
 Acq On : 12 Jun 2016 23:26
 Operator : UM/SJ
 Sample : H3473-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1020-(0-4)

Quant Time: Jun 13 05:03:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

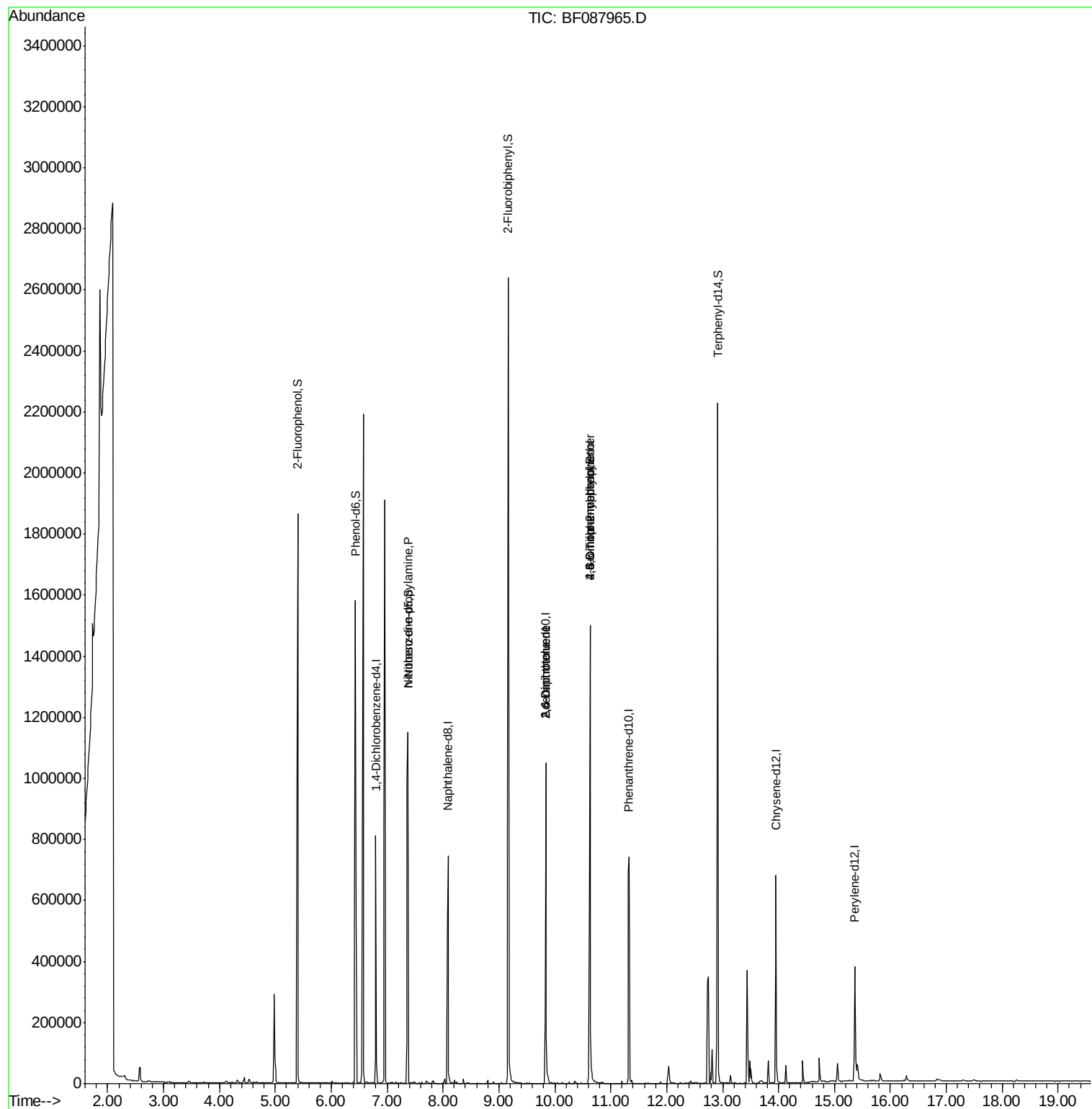
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115265	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	461742	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	226183	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	411948	20.00	ng	0.00
75) Chrysene-d12	13.95	240	296377	20.00	ng	-0.01
86) Perylene-d12	15.36	264	239386	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	662737	98.29	ng	0.01
7) Phenol-d6	6.43	99	678834	83.08	ng	-0.01
23) Nitrobenzene-d5	7.37	82	551929	69.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	205055	85.86	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	955140	65.04	ng	-0.01
78) Terphenyl-d14	12.91	244	965692	74.14	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	349	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	70485	13.48 ng	#	68
45) 1,1'-Biphenyl	9.27	154	1218	Below Cal	#	85
50) 2,6-Dinitrotoluene	9.84	165	28549	7.61 ng	#	40
56) 2,4-Dinitrotoluene	9.84	165	28546	5.92 ng	#	38
57) Fluorene	10.39	166	1754	Below Cal	#	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	372	2.30 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	13838	3.13 ng	#	1

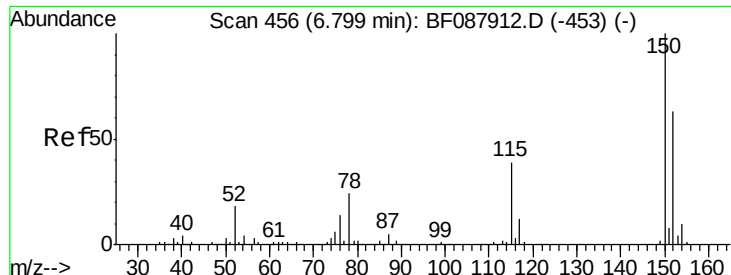
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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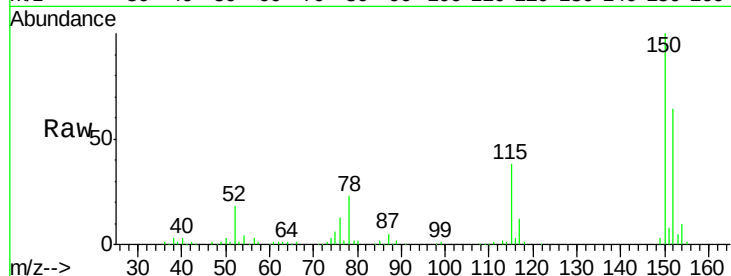


#1

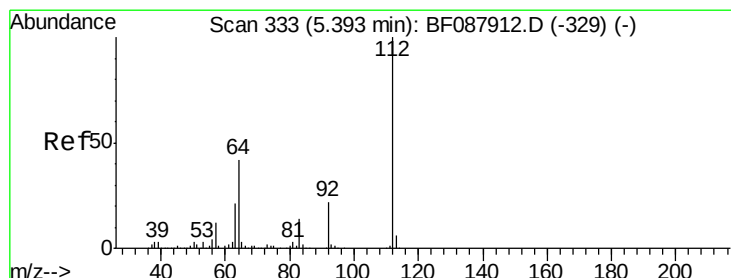
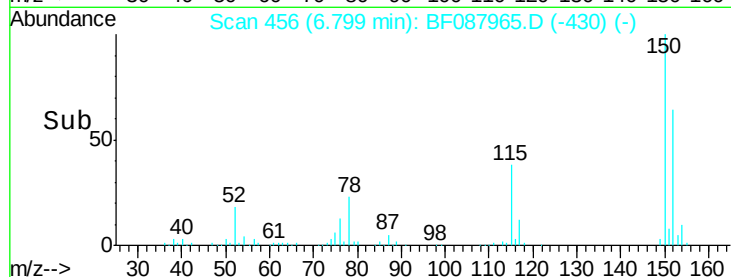
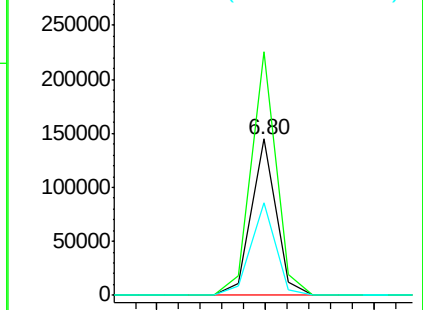
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Instrument :
BNA_F
ClientSampleId :
STA-1020-(0-4)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	59.5	39.6	59.4



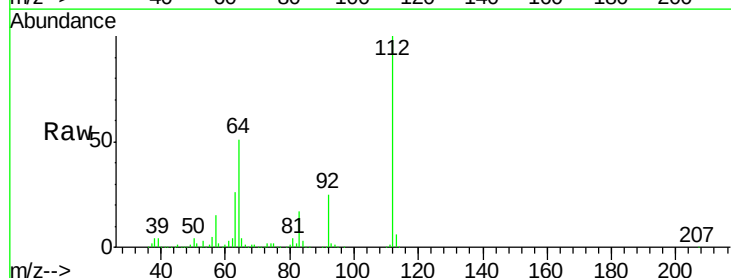
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



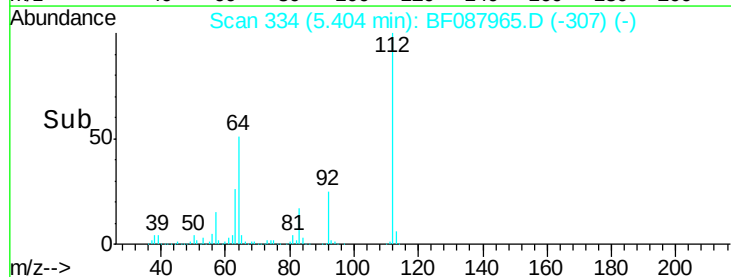
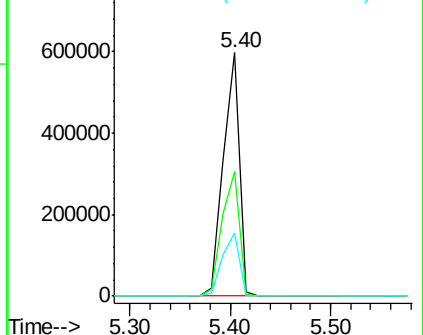
#5

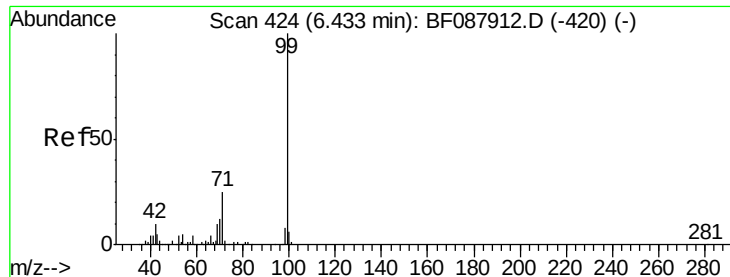
2-Fluorophenol
Concen: 98.29 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.2	63.2
63	26.1	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: 83.08 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087965.D

Acq: 12 Jun 2016 23:26

Instrument :

BNA_F

ClientSampleId :

STA-1020-(0-4)

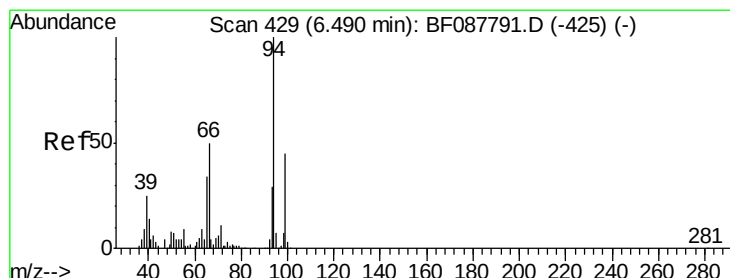
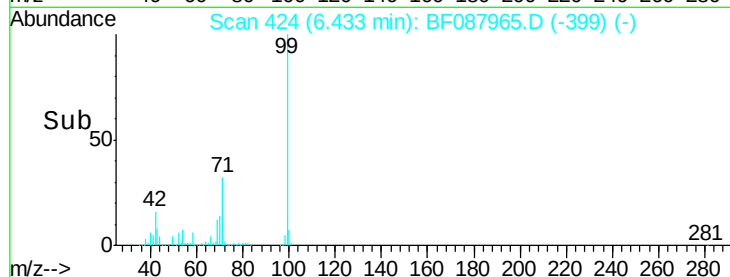
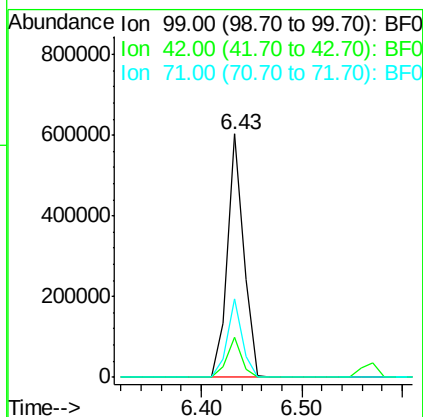
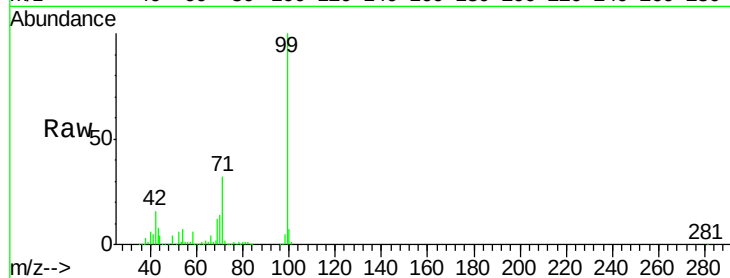
Tgt Ion: 99 Resp: 678834

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

71 32.2 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF087965.D

Acq: 12 Jun 2016 23:26

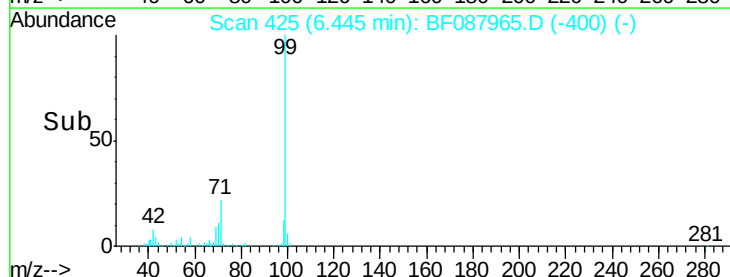
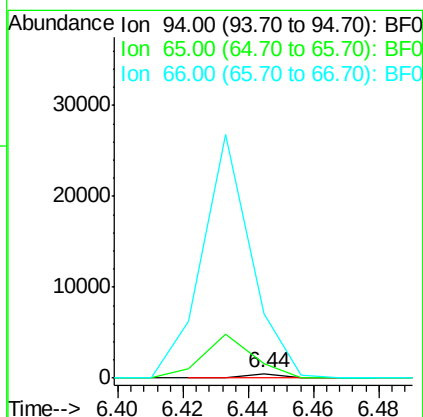
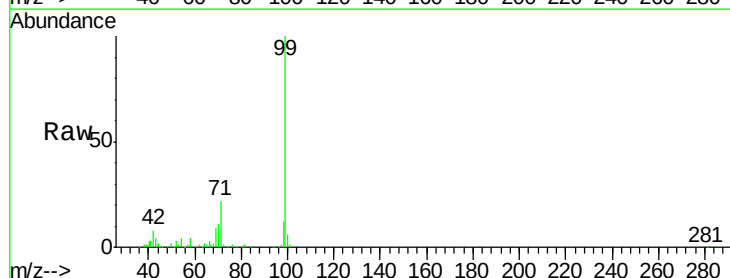
Tgt Ion: 94 Resp: 349

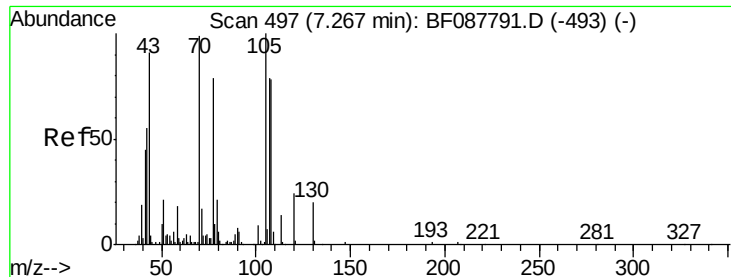
Ion Ratio Lower Upper

94 100

65 316.9 5.9 45.9#

66 1403.1 14.0 54.0#

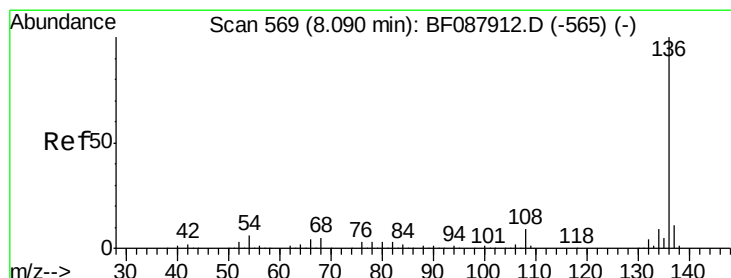
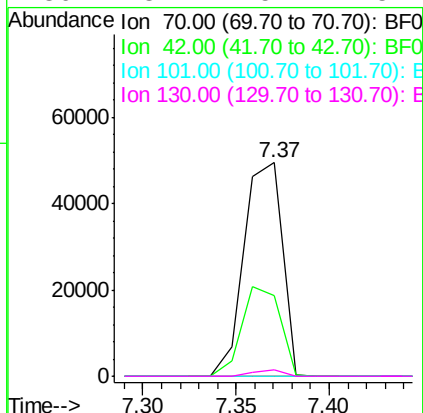
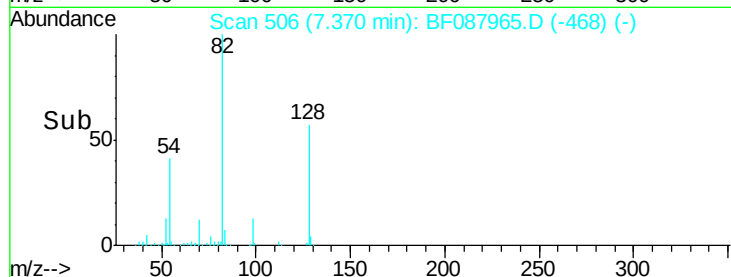
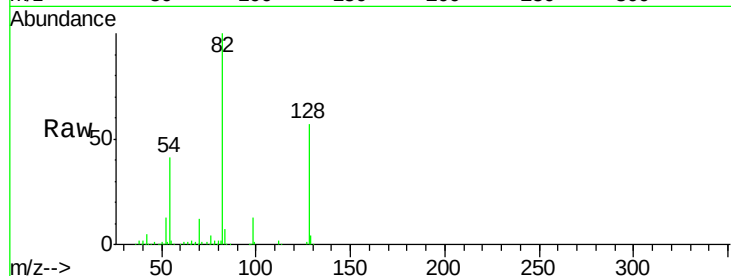




#19
n-Nitroso-di-n-propylamine
Concen: 13.48 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

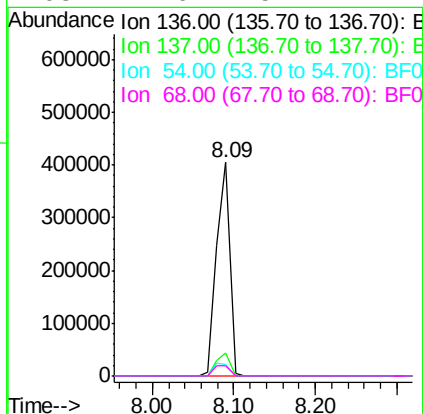
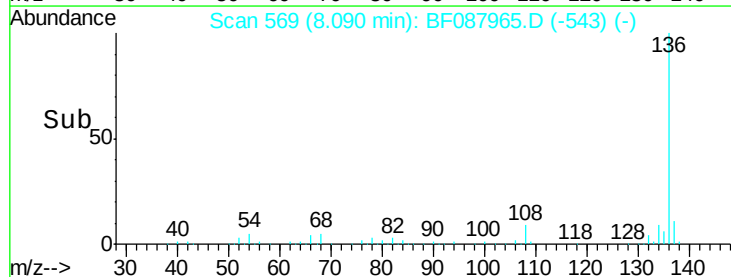
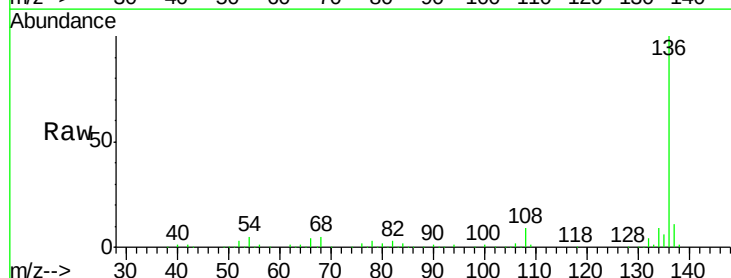
Instrument :
BNA_F
ClientSampleId :
STA-1020-(0-4)

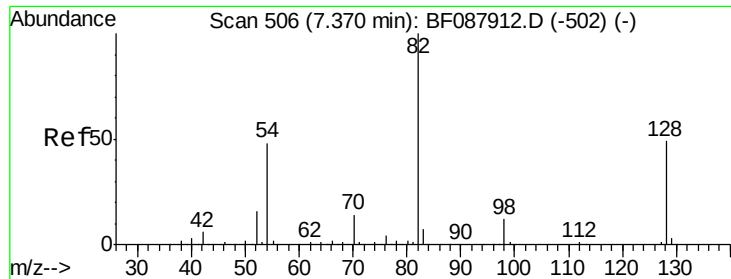
Tgt Ion: 70 Resp: 70485
Ion Ratio Lower Upper
70 100
42 37.9 49.6 74.4#
101 0.0 7.1 10.7#
130 3.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Tgt Ion: 136 Resp: 461742
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.3 6.6 10.0#
68 4.6 5.1 7.7#

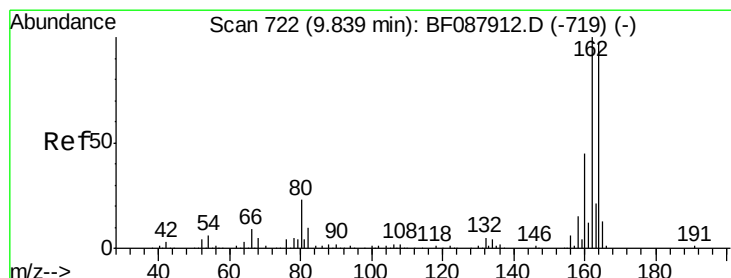
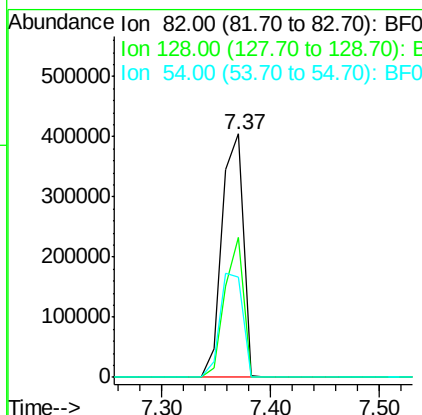
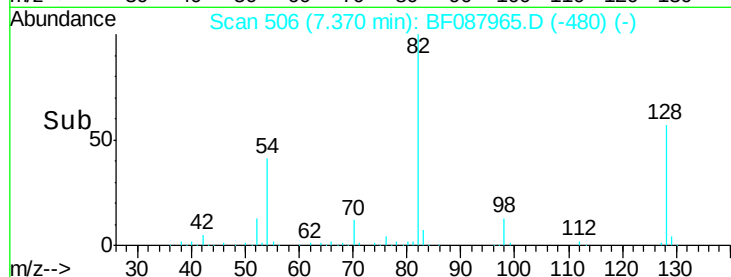
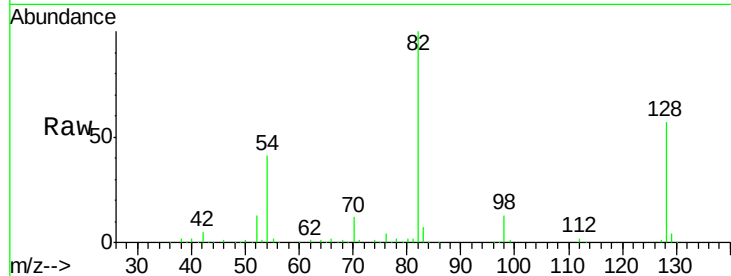




#23
 Nitrobenzene-d5
 Concen: 69.80 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

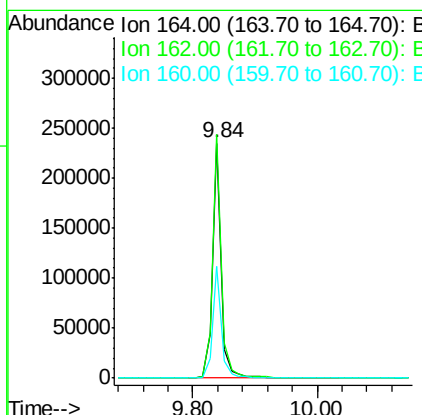
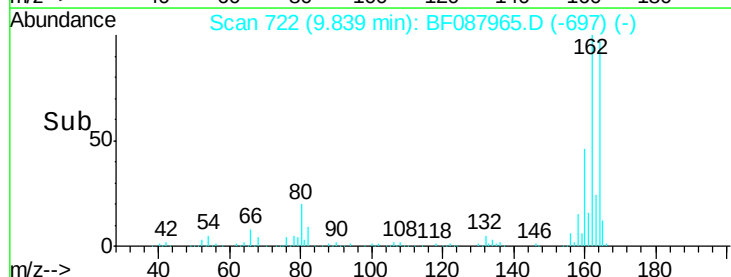
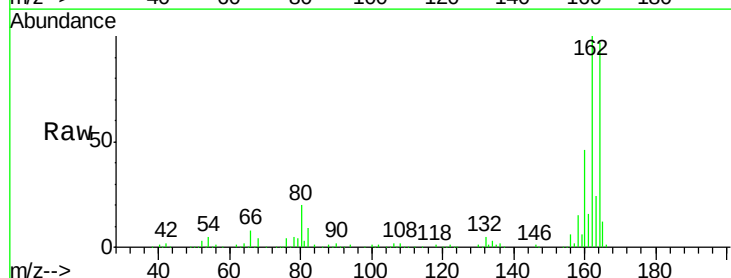
Instrument :
 BNA_F
 ClientSampleId :
 STA-1020-(0-4)

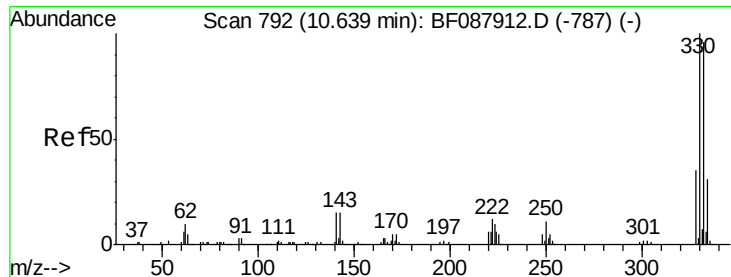
Tgt Ion: 82 Resp: 551929
 Ion Ratio Lower Upper
 82 100
 128 57.2 35.9 53.9#
 54 41.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Tgt Ion: 164 Resp: 226183
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 47.4 39.5 59.3

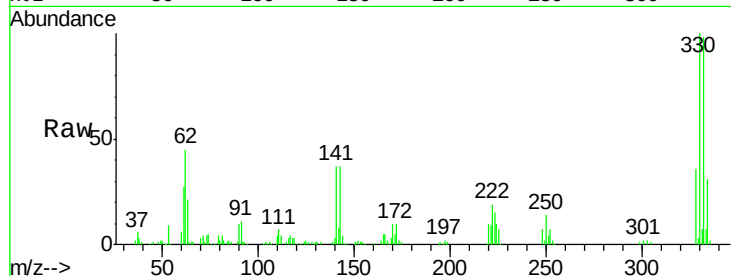




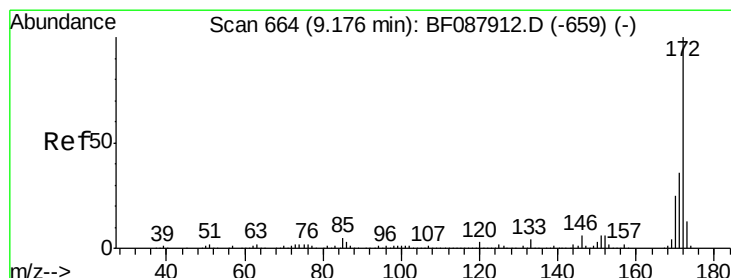
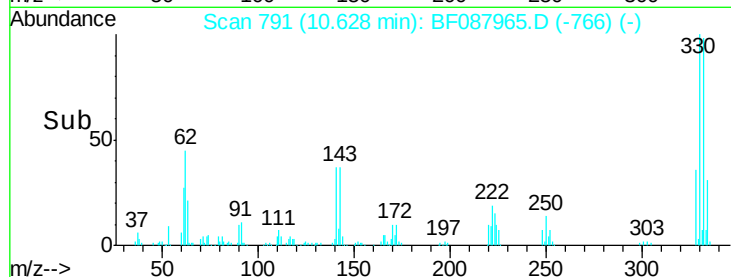
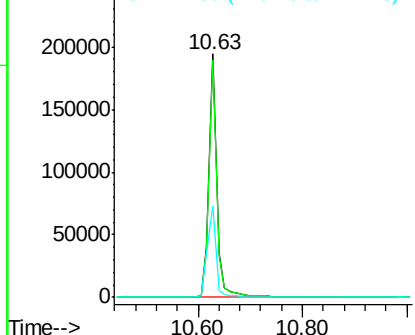
#41
 2,4,6-Tribromophenol
 Concen: 85.86 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 STA-1020-(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	41.6	0.0	0.0#

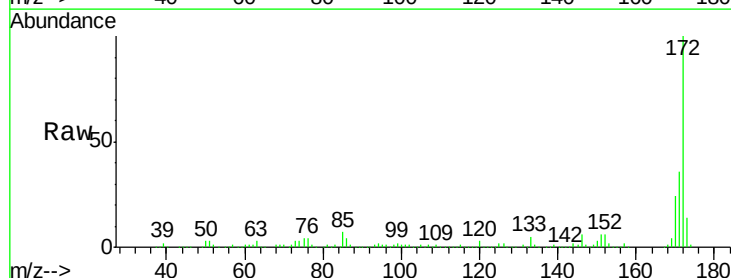


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

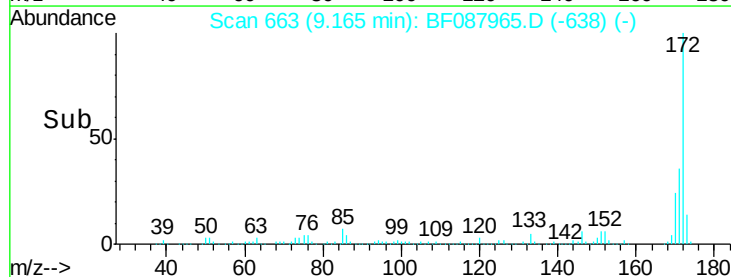
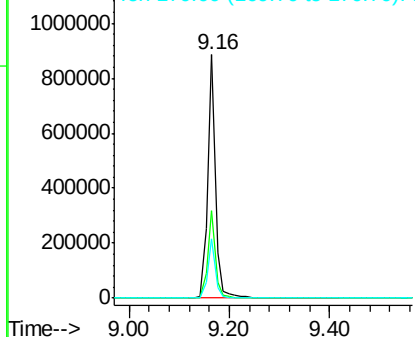


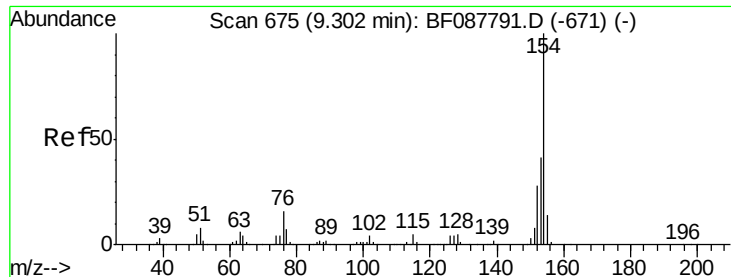
#44
 2-Fluorobiphenyl
 Concen: 65.04 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.2	28.8



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

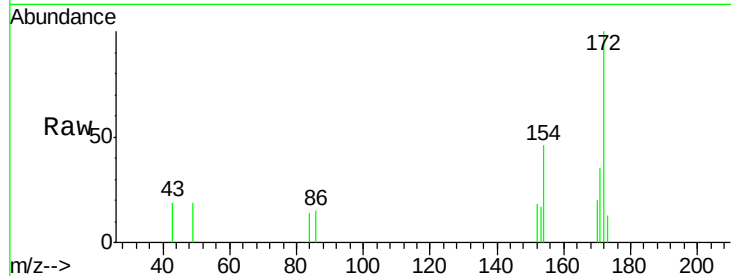




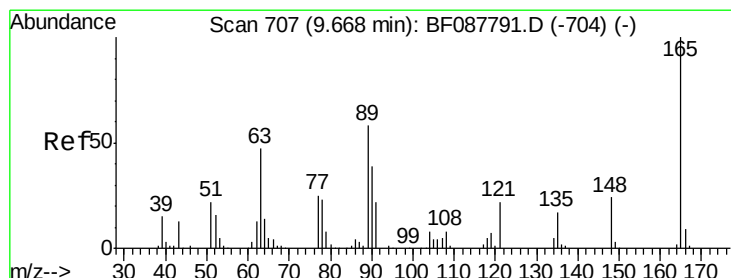
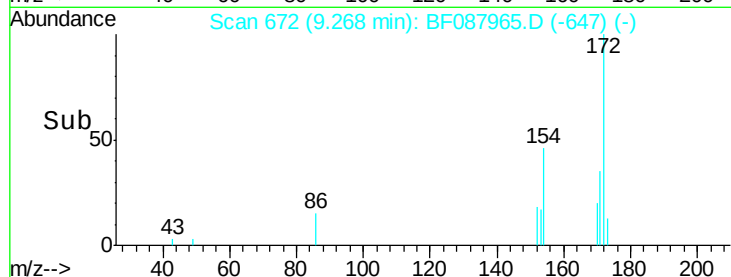
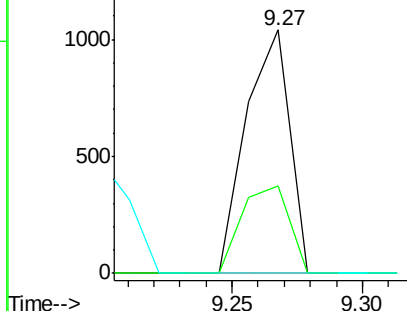
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.27 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 STA-1020-(0-4)

Tgt Ion:154 Resp: 1218
 Ion Ratio Lower Upper
 154 100
 153 36.1 20.6 60.6
 76 0.0 0.0 35.1

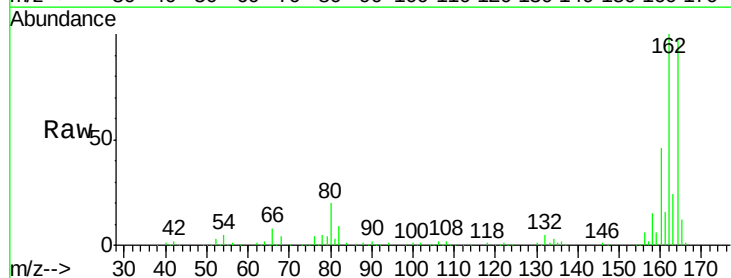


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

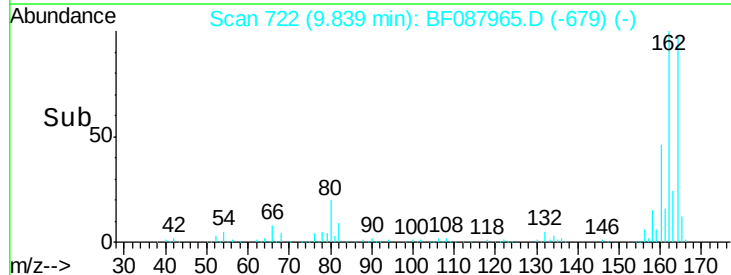
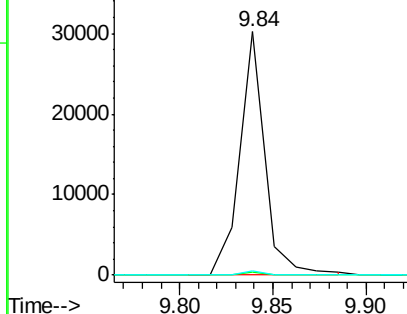


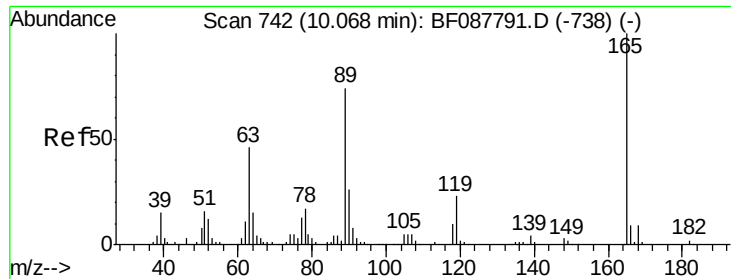
#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.19 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Tgt Ion:165 Resp: 28549
 Ion Ratio Lower Upper
 165 100
 63 1.4 28.1 42.1#
 89 1.5 32.2 48.2#



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

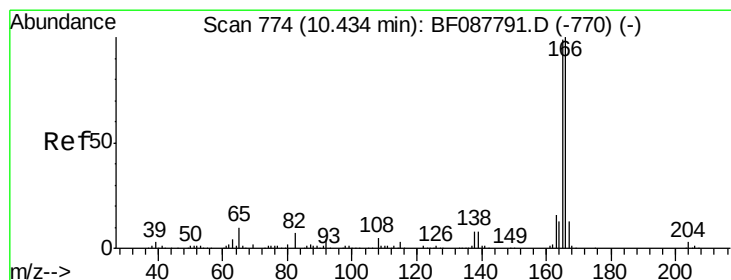
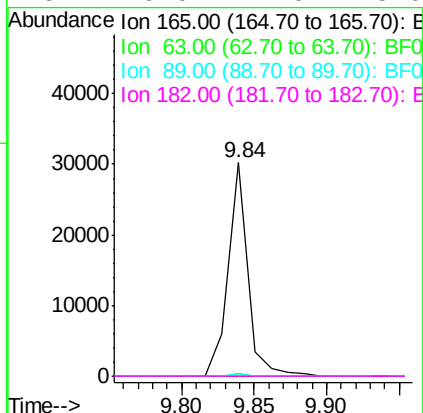
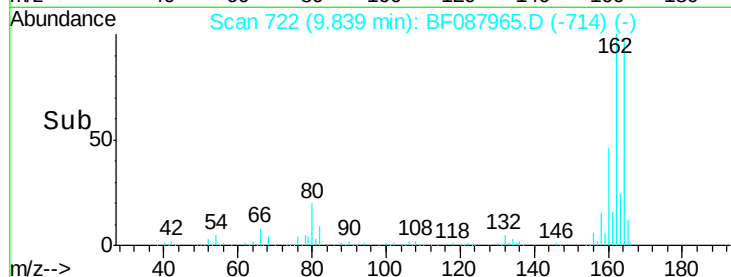
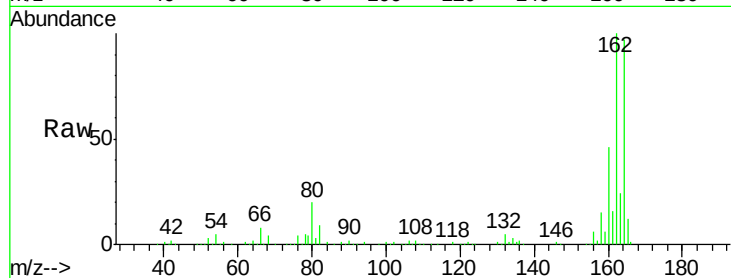




#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

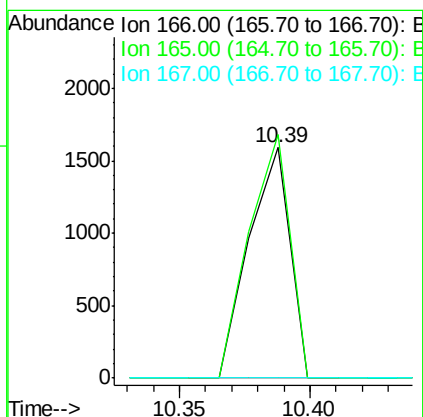
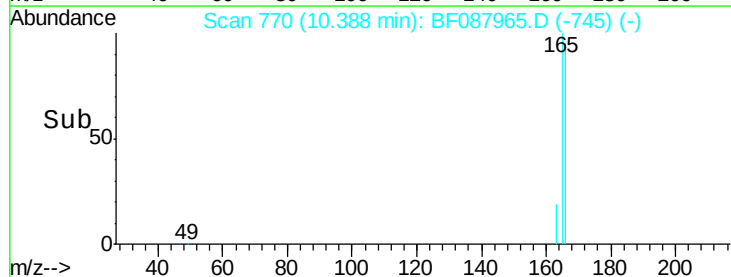
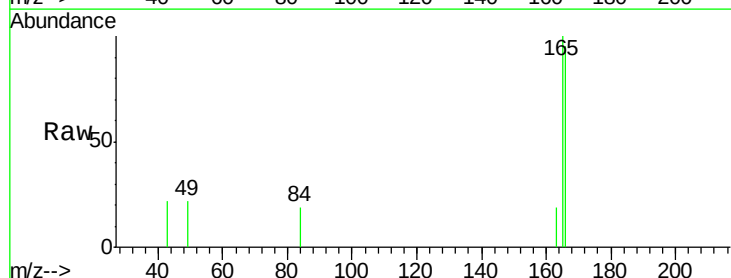
Instrument :
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STA-1020-(0-4)

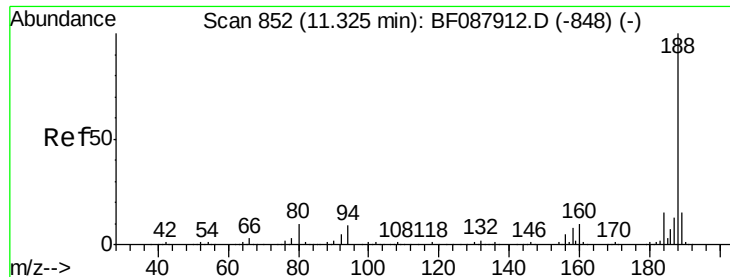
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.7	77.8	116.8
167	0.0	11.2	16.8#

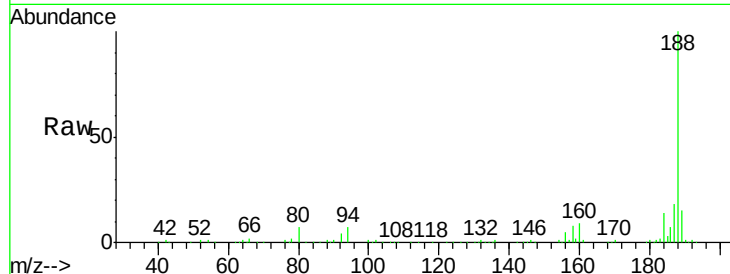




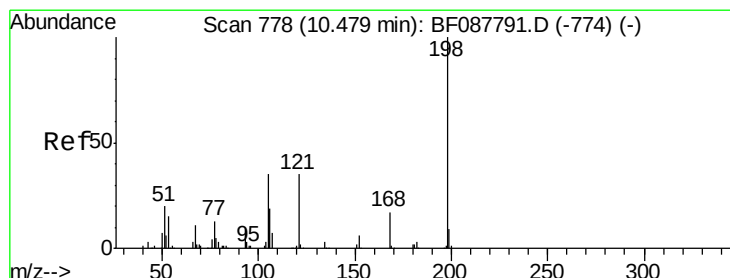
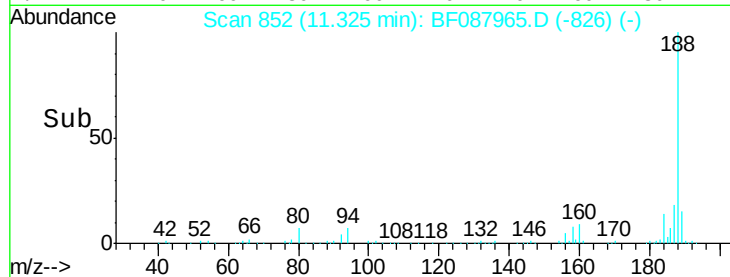
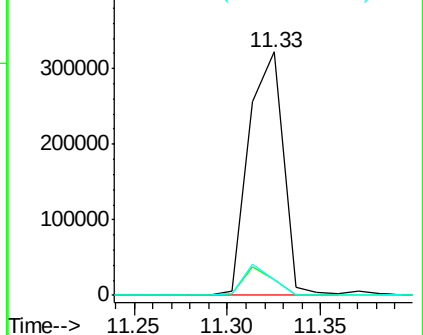
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Instrument :
BNA_F
ClientSampleId :
STA-1020-(0-4)

Tgt Ion:188 Resp: 411948
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 6.6 10.0 15.0#

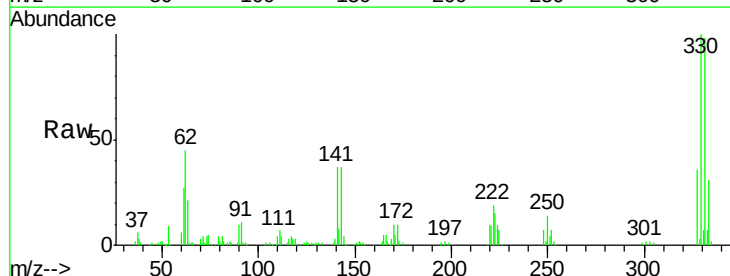


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

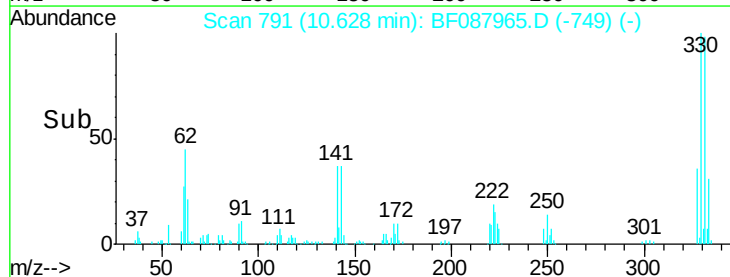
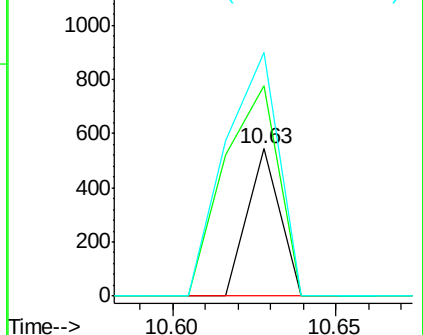


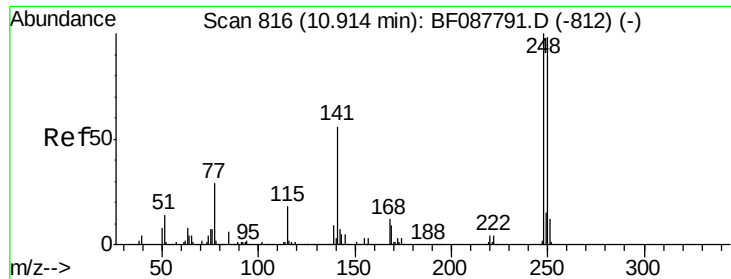
#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Tgt Ion:198 Resp: 372
Ion Ratio Lower Upper
198 100
51 143.3 39.6 79.6#
105 165.6 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

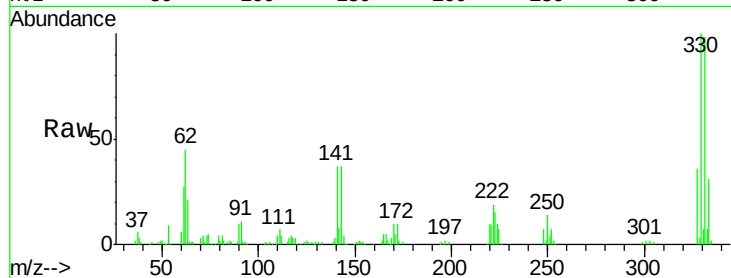




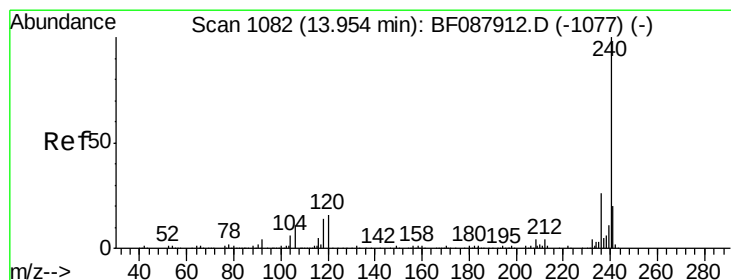
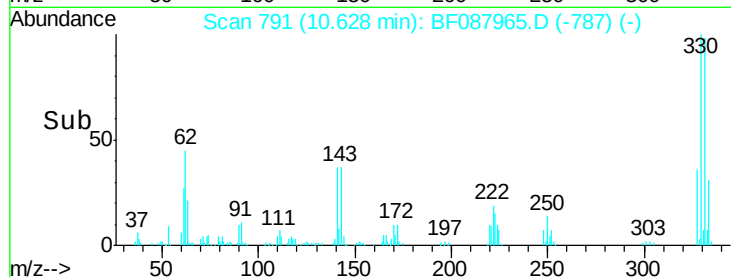
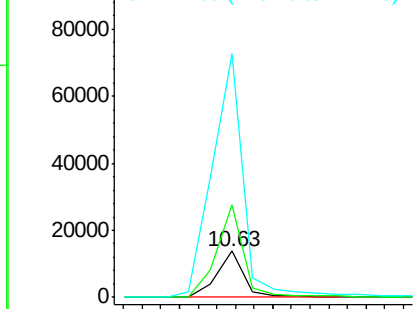
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Instrument :
BNA_F
ClientSampleId :
STA-1020-(0-4)

Tgt Ion:248 Resp: 13838
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 525.0 50.6 76.0#

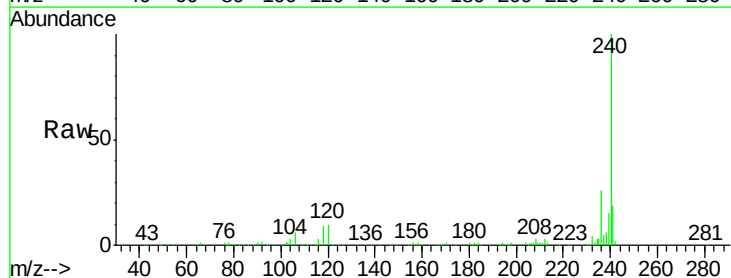


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

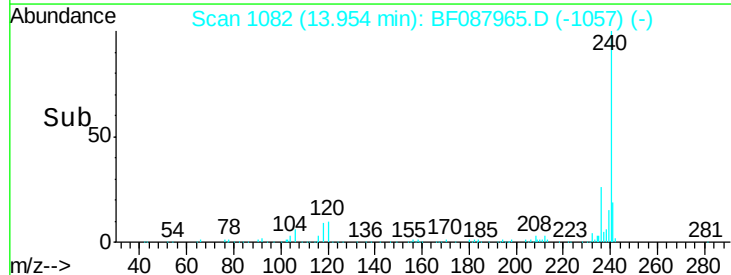
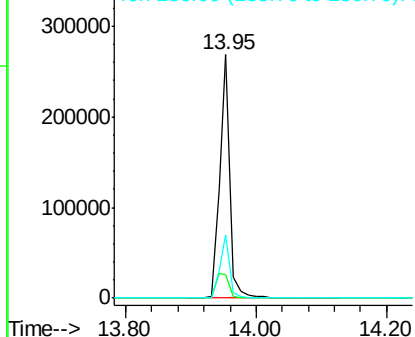


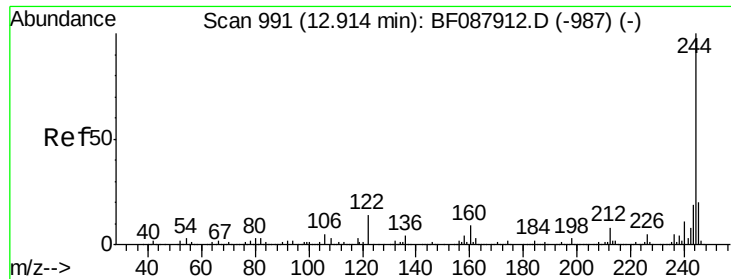
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087965.D
Acq: 12 Jun 2016 23:26

Tgt Ion:240 Resp: 296377
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 25.7 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

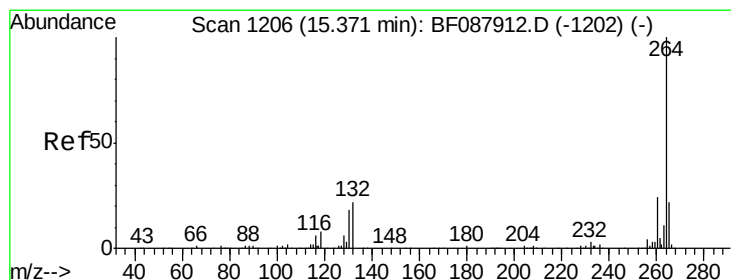
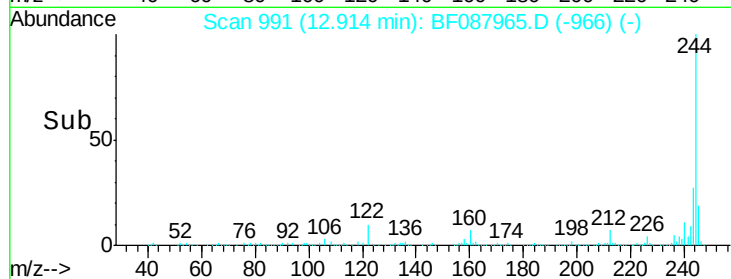
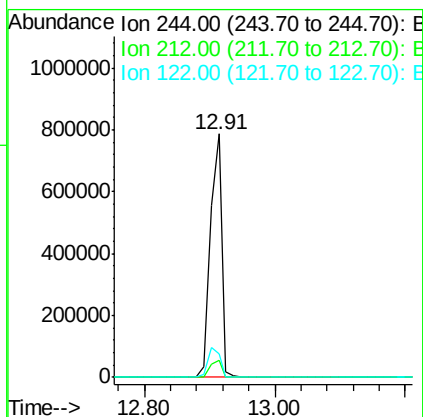
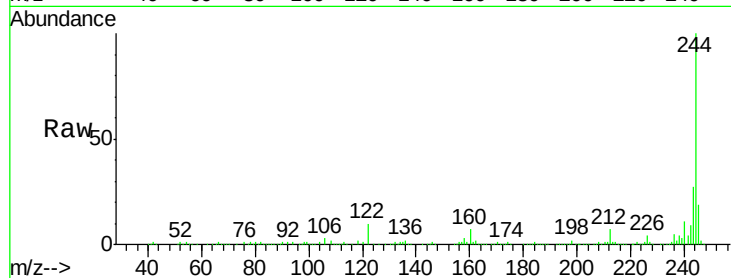




#78
 Terphenyl-d14
 Concen: 74.14 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 STA-1020-(0-4)

Tgt Ion:244 Resp: 965692
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF087965.D
 Acq: 12 Jun 2016 23:26

Tgt Ion:264 Resp: 239386
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 16.9 25.3

