

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083941.D
 Acq On : 19 Dec 2015 4:43
 Operator : UM/SJ
 Sample : G4840-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Quant Time: Dec 19 05:46:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

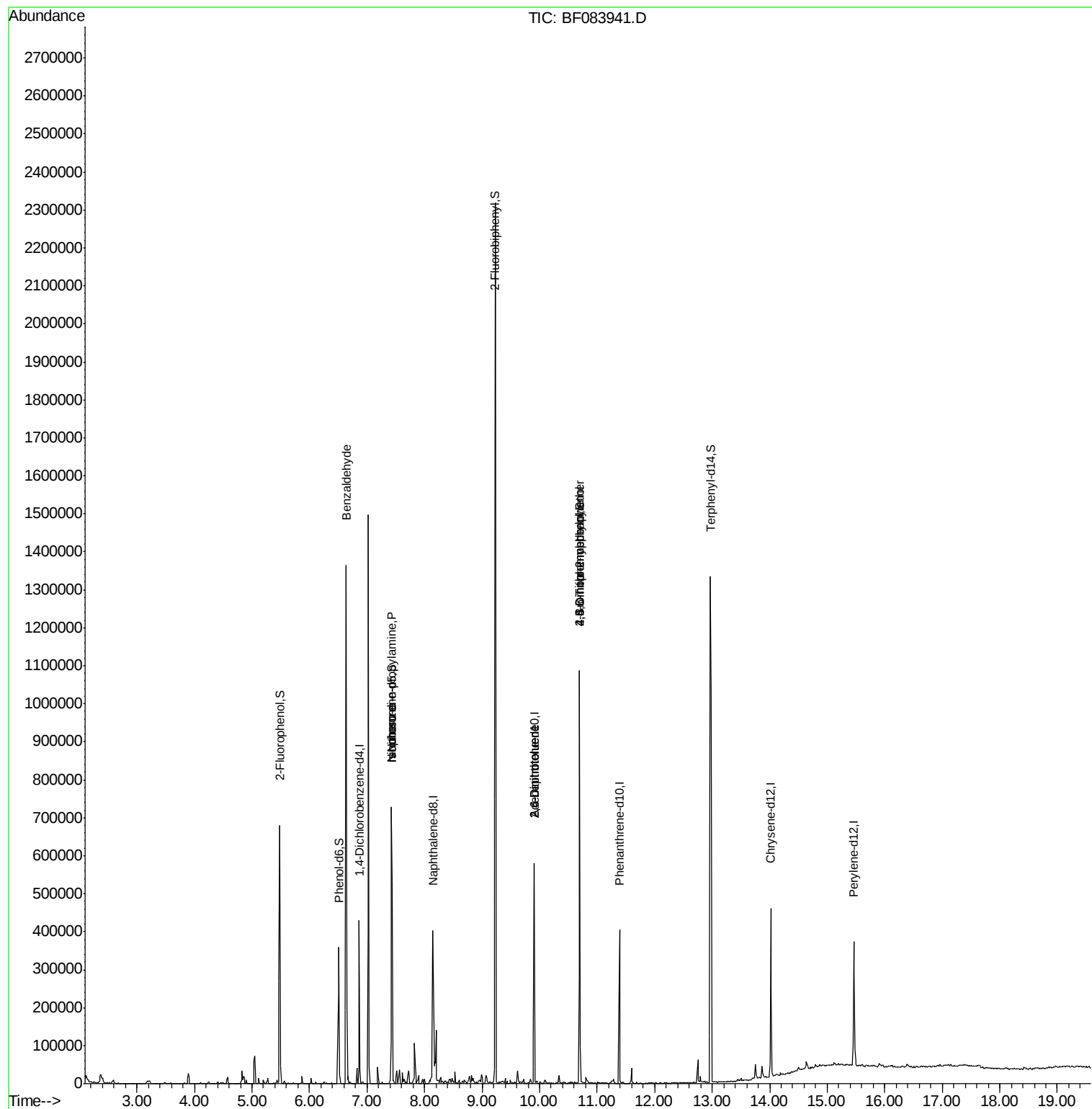
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60547	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	218740	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	107290	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	174671	20.00	ng	0.00
75) Chrysene-d12	14.02	240	171916	20.00	ng	-0.01
86) Perylene-d12	15.46	264	168537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	206625	53.41	ng	0.00
7) Phenol-d6	6.51	99	156629	33.07	ng	0.00
23) Nitrobenzene-d5	7.42	82	327169	85.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	120622	102.05	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	716899	95.72	ng	-0.01
78) Terphenyl-d14	12.97	244	564059	76.05	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	8917	3.13	ng	# 79
19) n-Nitroso-di-n-propylamine	7.42	70	44559	16.14	ng	# 78
25) Isophorone	7.42	82	301823	41.85	ng	# 66
31) Naphthalene	8.17	128	5653	Below Cal	#	51
36) 4-Chloro-3-methylphenol	8.56	107	209	Below Cal	#	20
45) 1,1'-Biphenyl	9.23	154	1520	Below Cal	#	1
46) 2-Chloronaphthalene	9.40	162	1400	Below Cal	#	33
50) 2,6-Dinitrotoluene	9.90	165	13575	6.91	ng	# 38
56) 2,4-Dinitrotoluene	9.90	165	13575	5.39	ng	# 22
57) Fluorene	10.45	166	312	Below Cal	#	84
64) 4,6-Dinitro-2-methylphenol	10.69	198	267	4.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	8753	4.10	ng	# 1
77) Pyrene	12.83	202	527	Below Cal	#	57

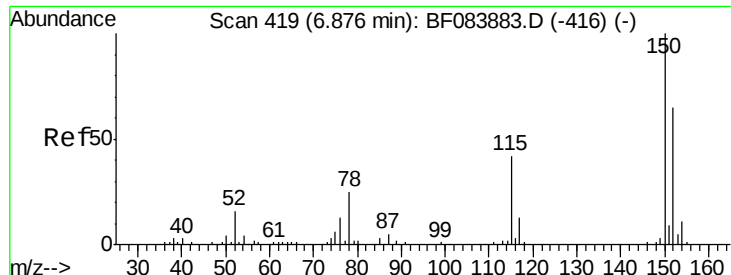
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

Instrument :

BNA_F

ClientSampleId :

W-48

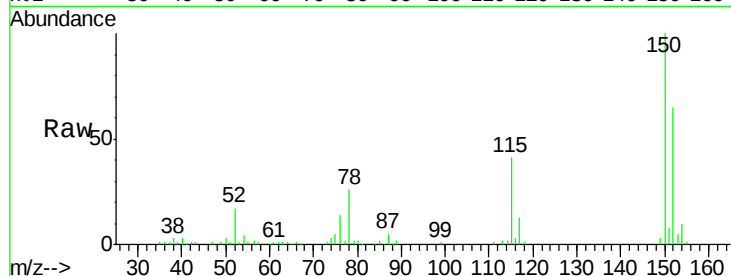
Tgt Ion:152 Resp: 60547

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

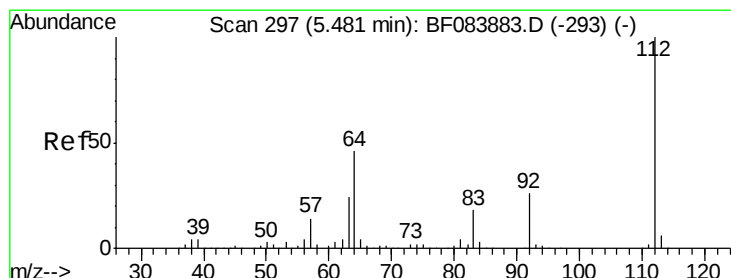
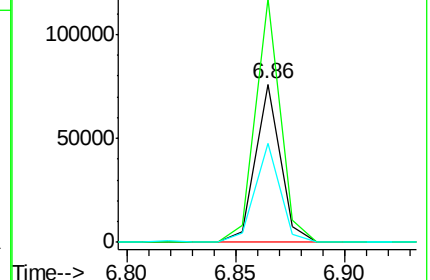
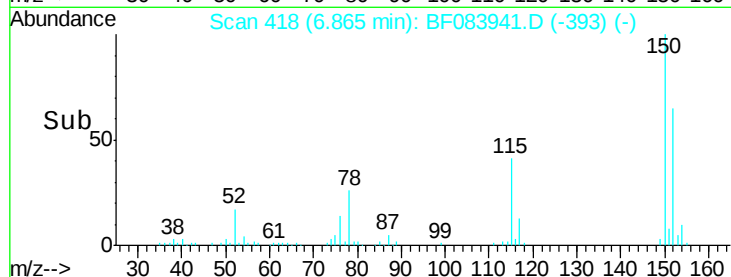
115 62.6 51.4 77.2



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: 53.41 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

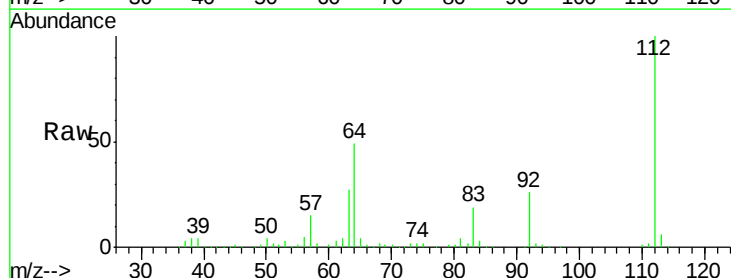
Tgt Ion:112 Resp: 206625

Ion Ratio Lower Upper

112 100

64 49.1 36.6 55.0

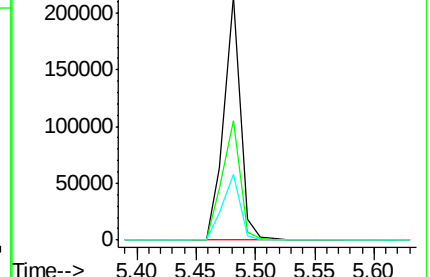
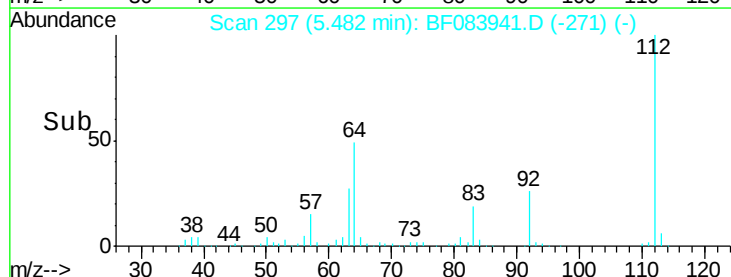
63 26.8 19.4 29.0

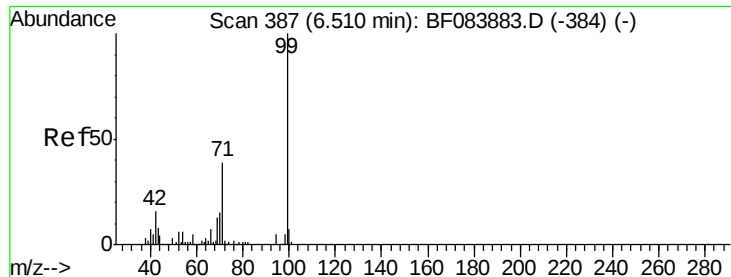


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.07 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

Instrument :

BNA_F

ClientSampleId :

W-48

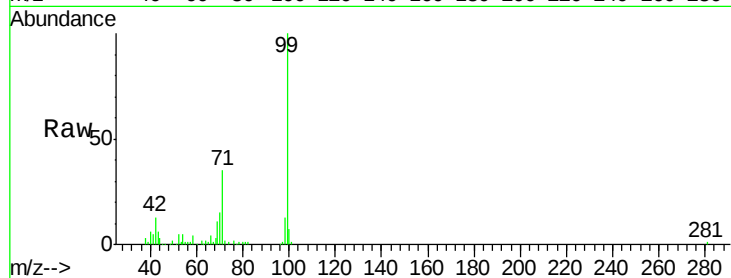
Tgt Ion: 99 Resp: 156629

Ion Ratio Lower Upper

99 100

42 12.7 12.8 19.2#

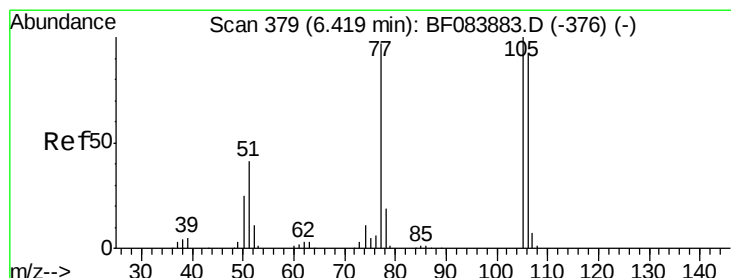
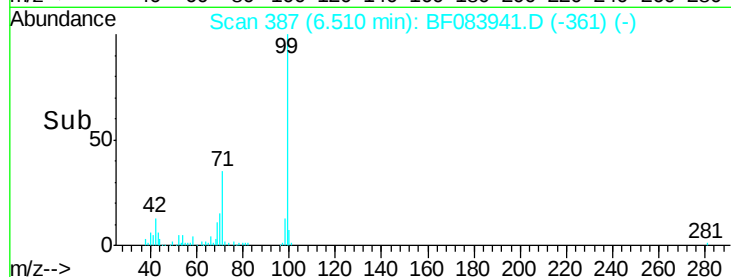
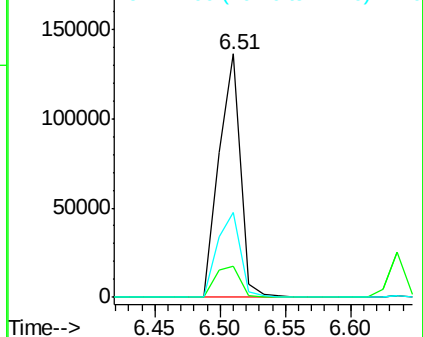
71 35.1 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

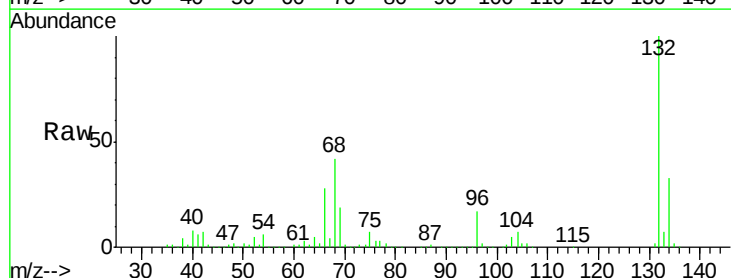
Tgt Ion: 77 Resp: 8917

Ion Ratio Lower Upper

77 100

105 76.5 83.0 123.0#

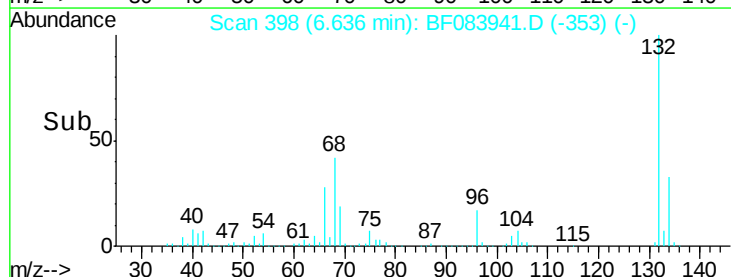
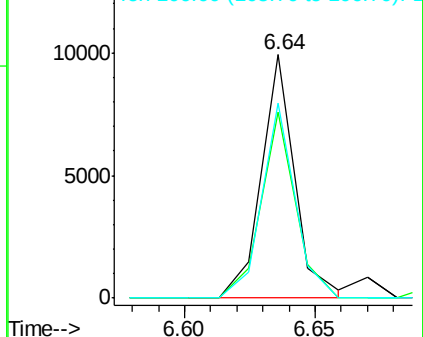
106 79.8 74.6 114.6

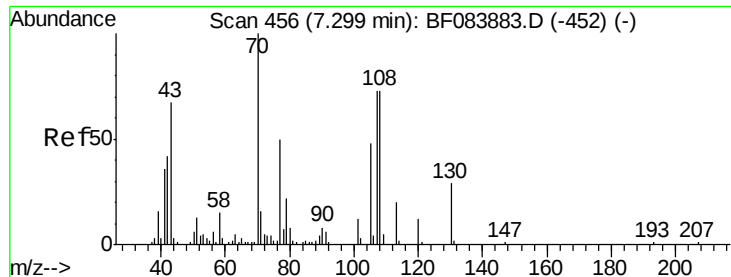


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

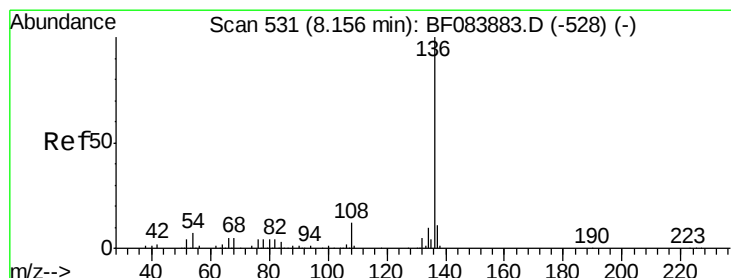
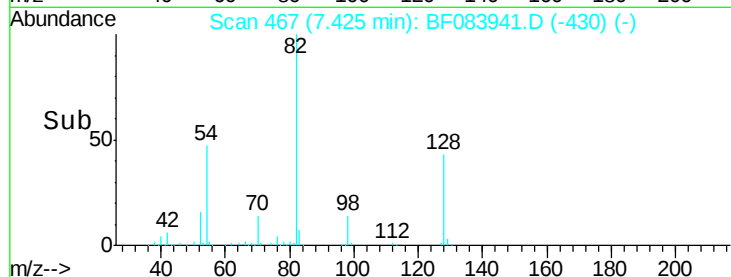
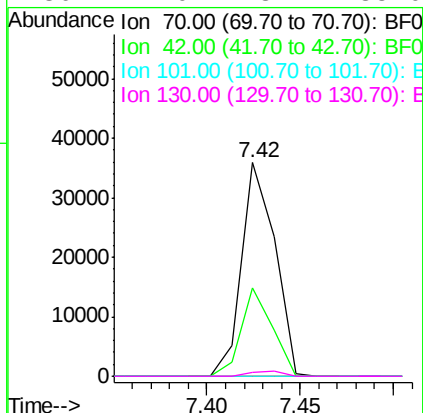
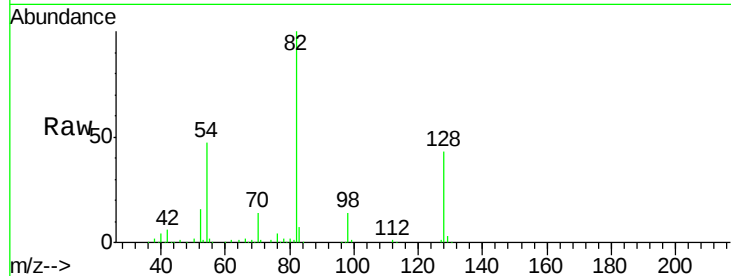




#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF083941.D
Acq: 19 Dec 2015 4:43

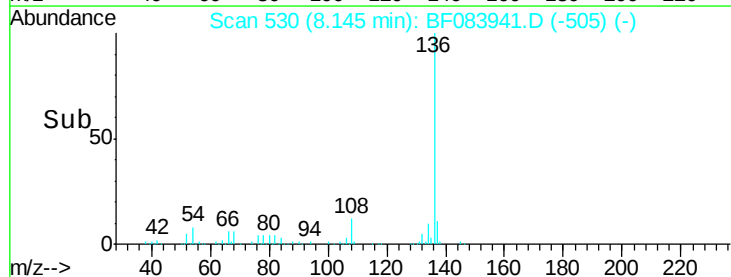
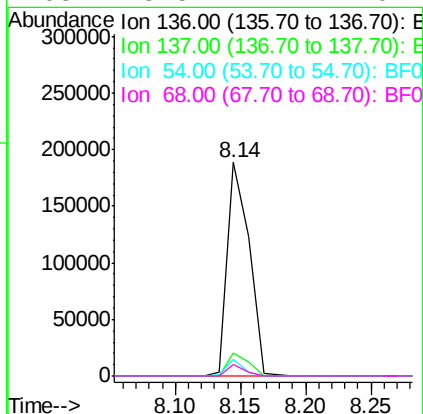
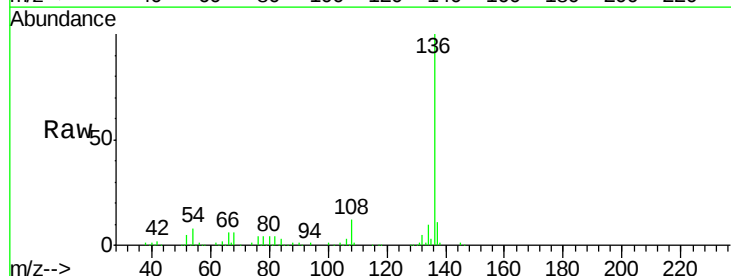
Instrument :
BNA_F
ClientSampleId :
W-48

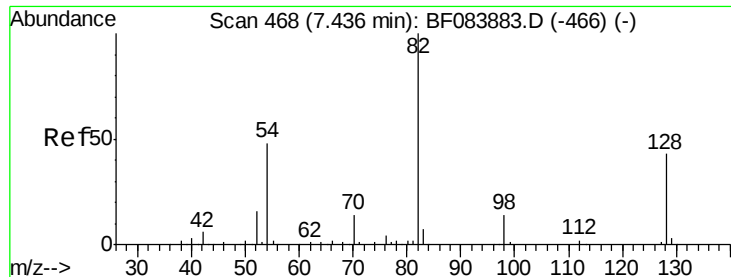
Tgt Ion: 70 Resp: 44559
Ion Ratio Lower Upper
70 100
42 41.7 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083941.D
Acq: 19 Dec 2015 4:43

Tgt Ion: 136 Resp: 218740
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.8 5.8 8.8
68 5.5 4.2 6.2

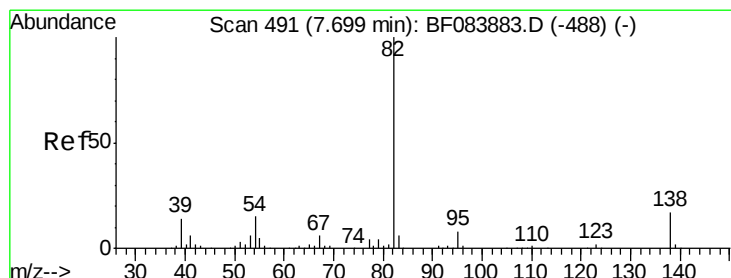
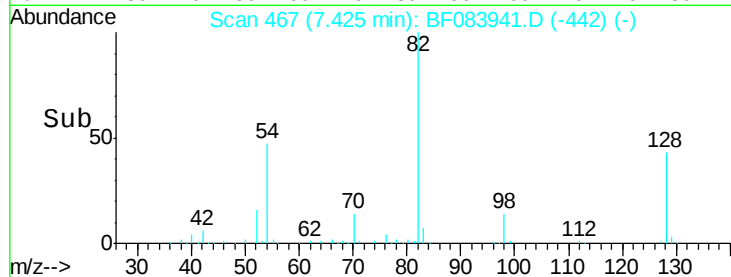
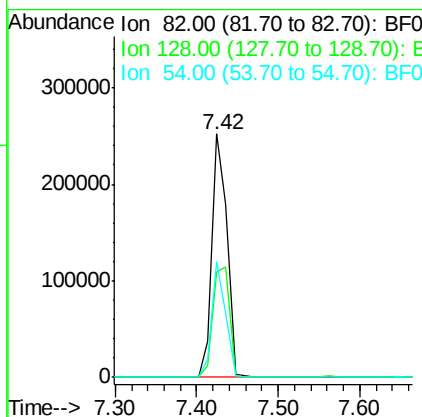
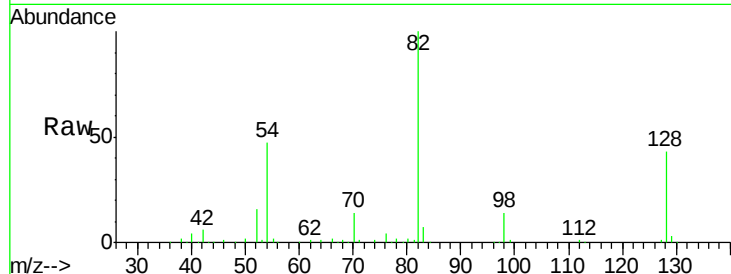




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

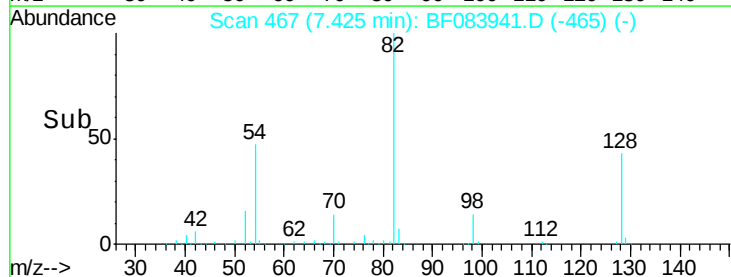
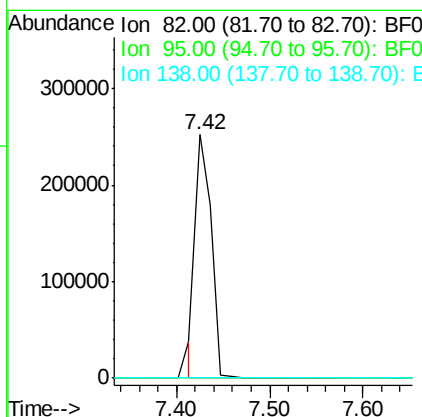
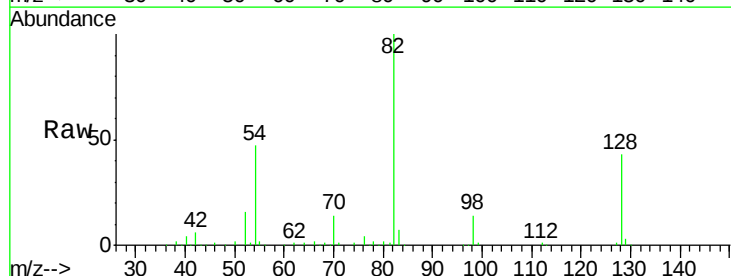
Instrument :
 BNA_F
 ClientSampleId :
 W-48

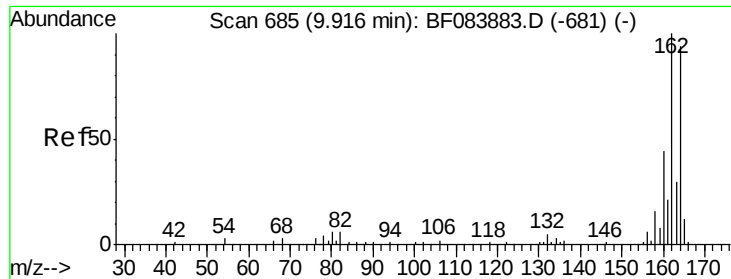
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	47.5	38.4	57.6



#25
 Isophorone
 Concen: 41.85 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.27 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

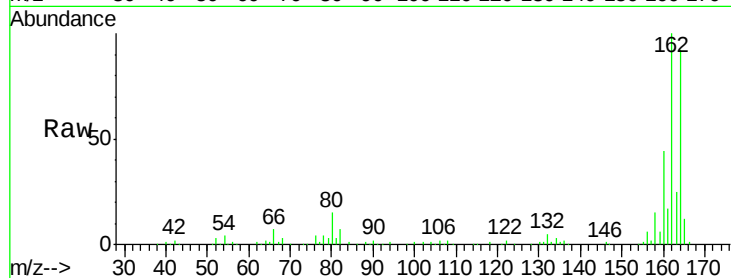




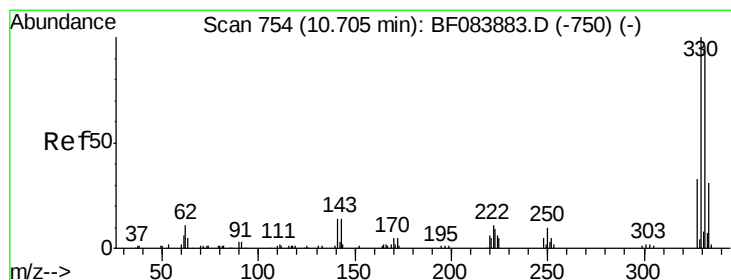
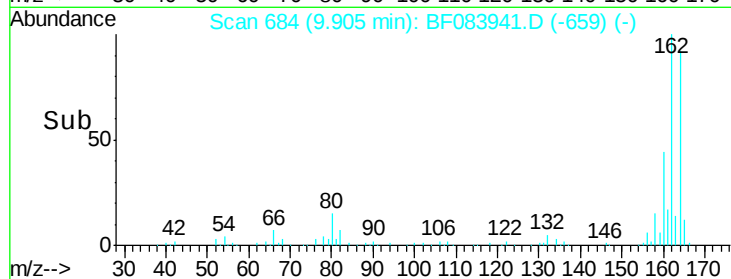
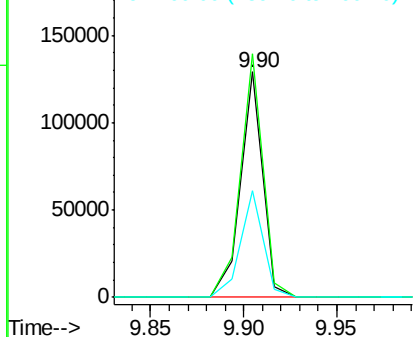
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Tgt Ion:164 Resp: 107290
 Ion Ratio Lower Upper
 164 100
 162 108.1 85.1 127.7
 160 47.4 37.5 56.3

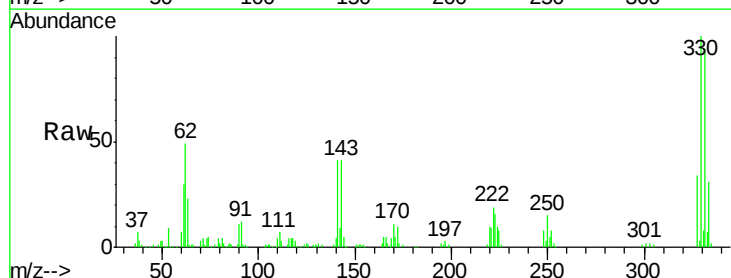


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

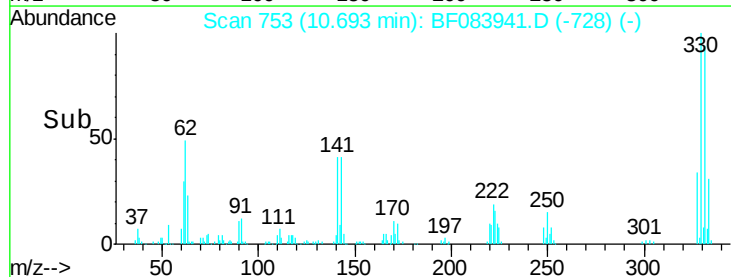
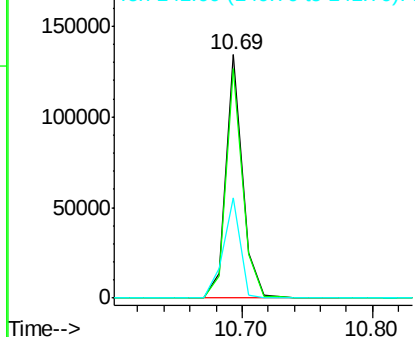


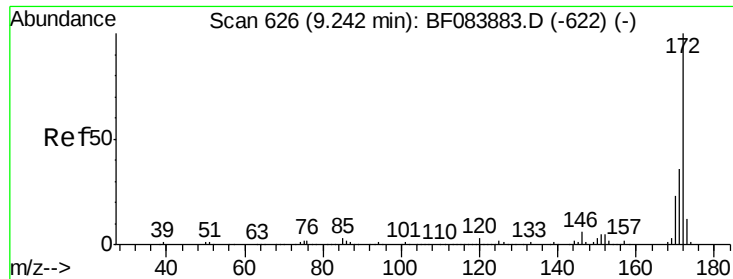
#41
 2,4,6-Tribromophenol
 Concen: 102.05 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Tgt Ion:330 Resp: 120622
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 41.9 27.8 41.6#



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

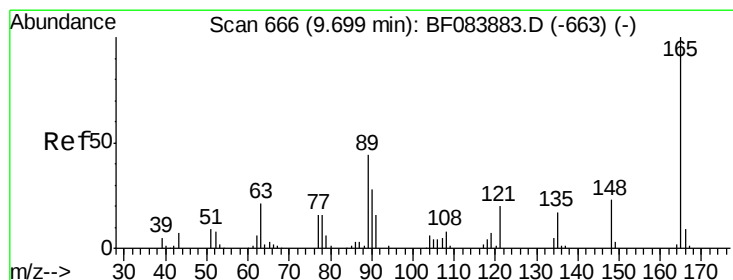
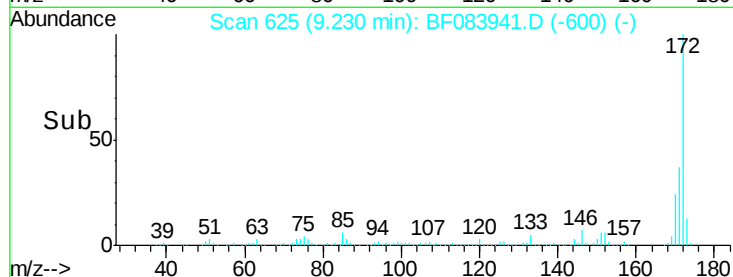
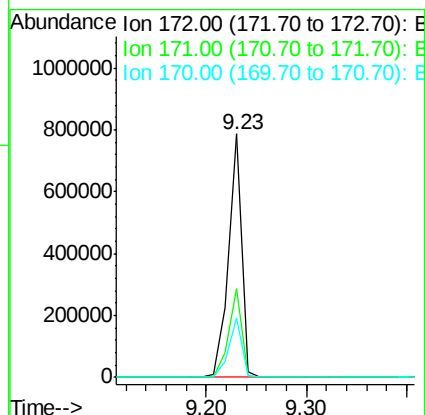
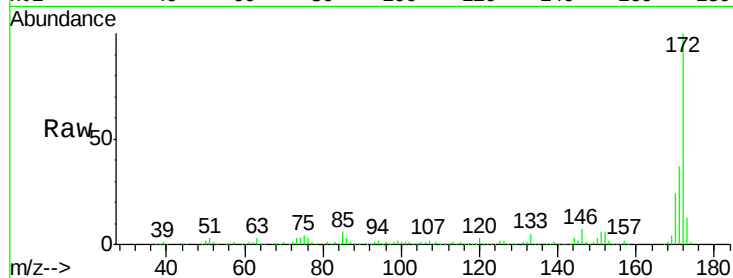




#44
 2-Fluorobiphenyl
 Concen: 95.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

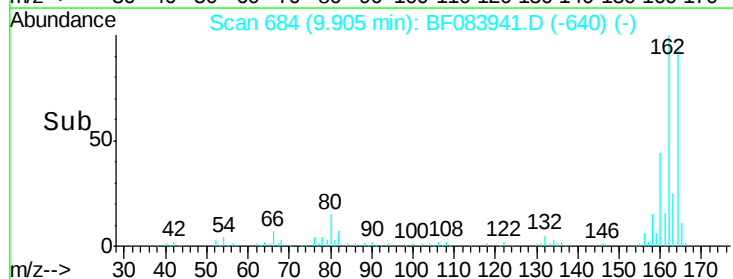
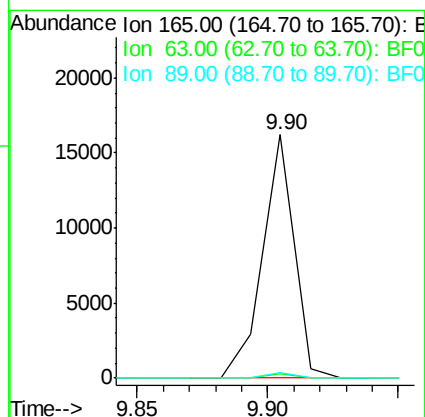
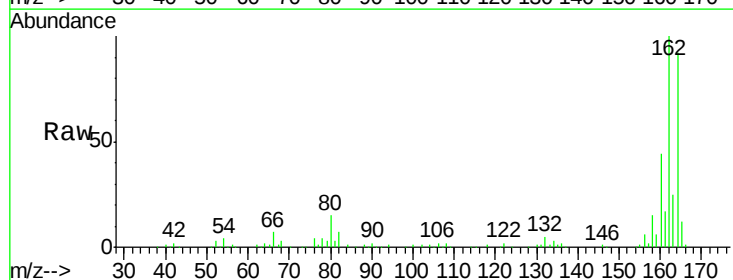
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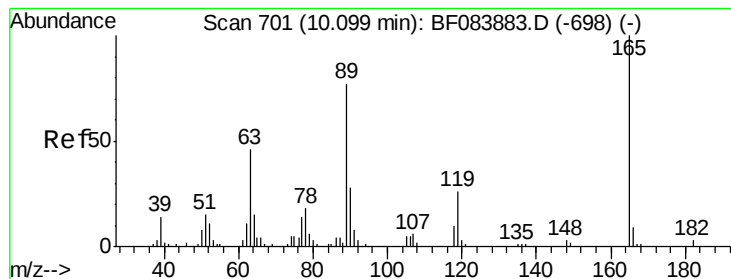
Tgt Ion:172 Resp: 716899
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.21 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Tgt Ion:165 Resp: 13575
 Ion Ratio Lower Upper
 165 100
 63 1.9 28.8 43.2#
 89 2.3 35.1 52.7#





#56

2,4-Dinitrotoluene

Concen: 5.39 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.19 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

Instrument :

BNA_F

ClientSampled :

W-48

Tgt Ion:165 Resp: 13575

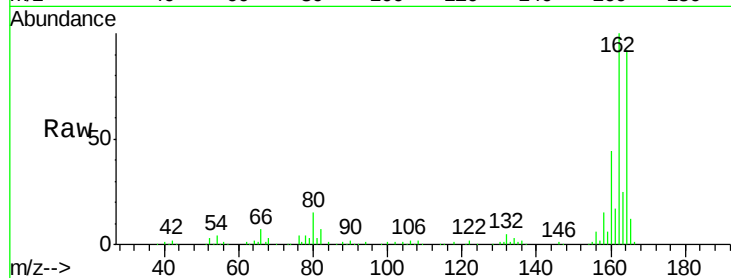
Ion Ratio Lower Upper

165 100

63 1.9 36.7 55.1#

89 2.3 61.9 92.9#

182 0.0 2.0 3.0#

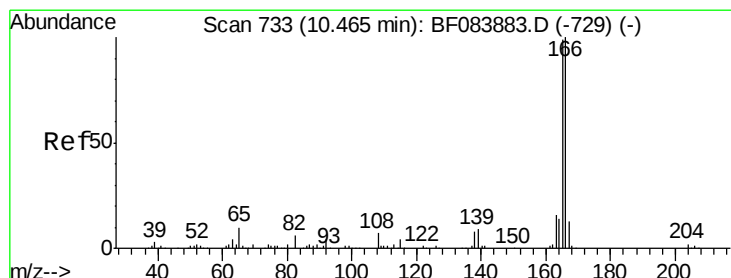
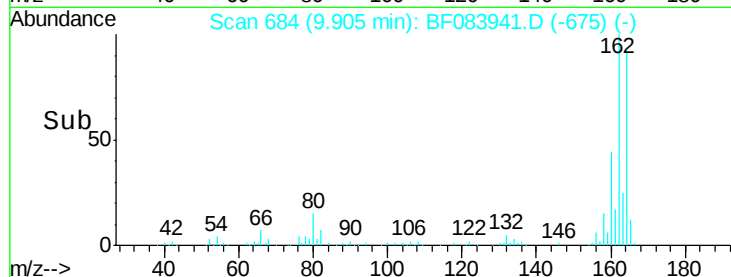
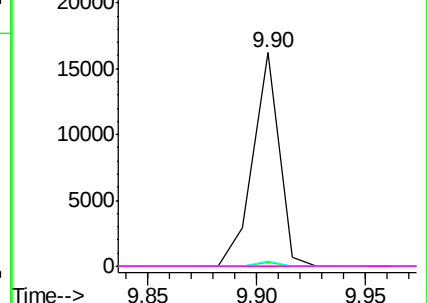


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083941.D

Acq: 19 Dec 2015 4:43

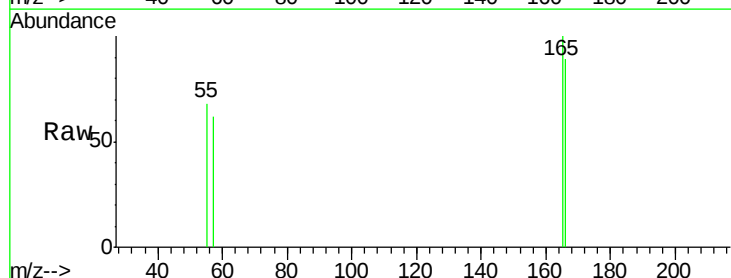
Tgt Ion:166 Resp: 312

Ion Ratio Lower Upper

166 100

165 112.1 79.1 118.7

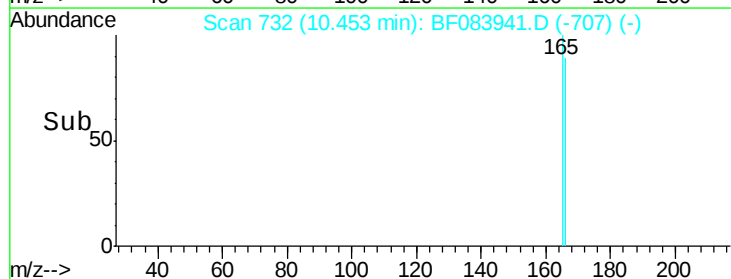
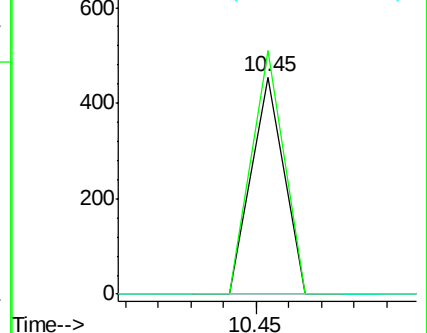
167 0.0 10.4 15.6#

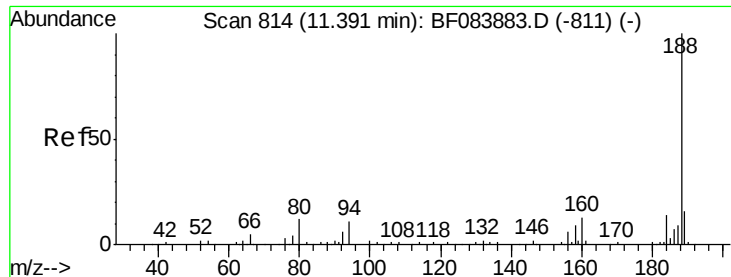


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

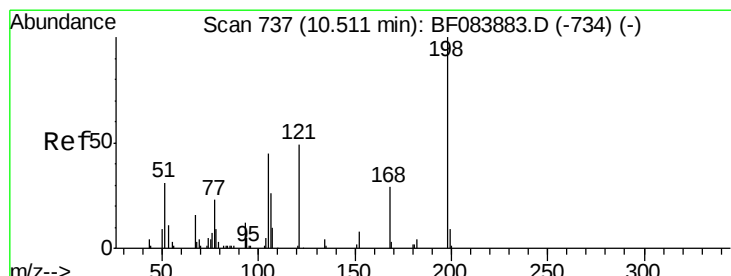
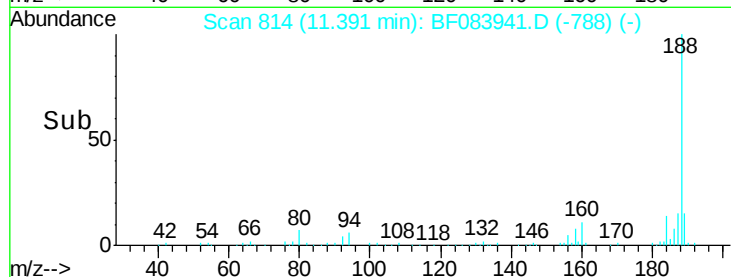
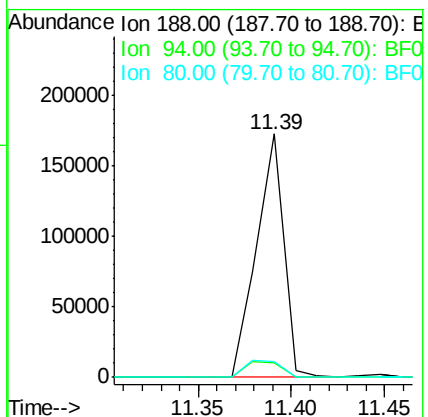
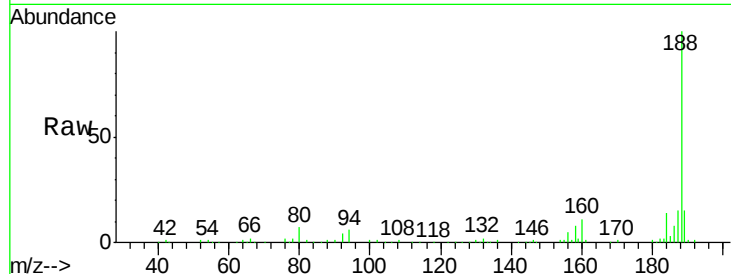




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083941.D
Acq: 19 Dec 2015 4:43

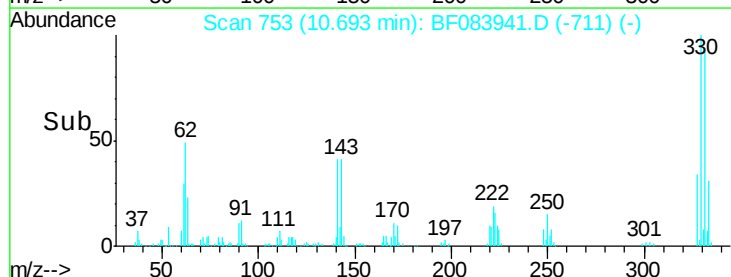
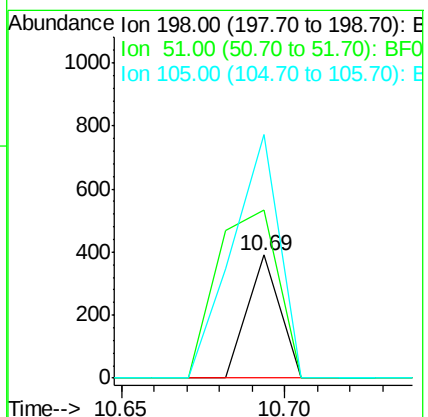
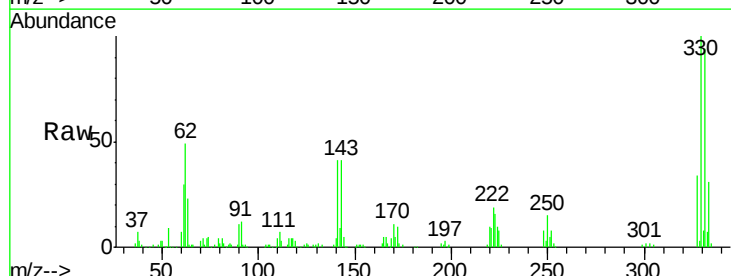
Instrument :
BNA_F
ClientSampleId :
W-48

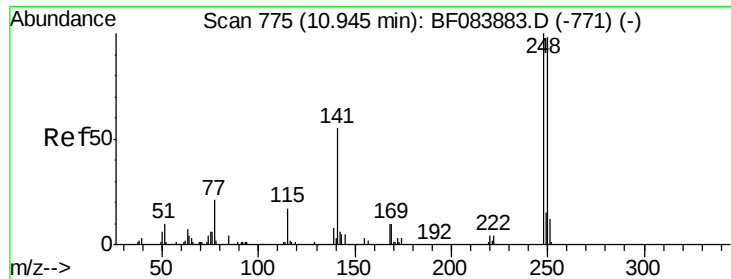
Tgt Ion:188 Resp: 174671
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.4#
80 6.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.16 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.18 min
Lab File: BF083941.D
Acq: 19 Dec 2015 4:43

Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 136.7 18.9 58.9#
105 197.9 26.4 66.4#

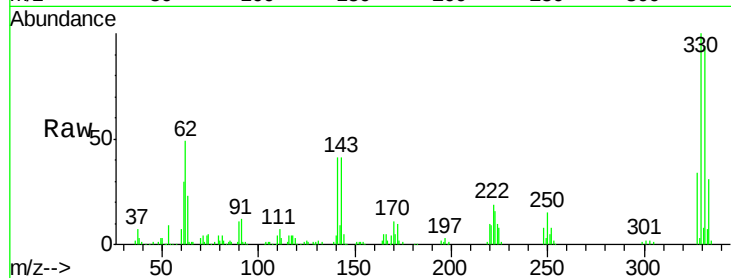




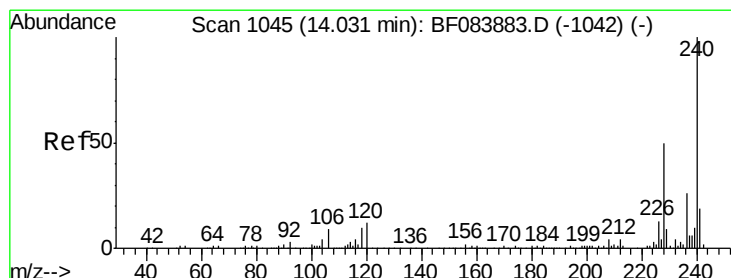
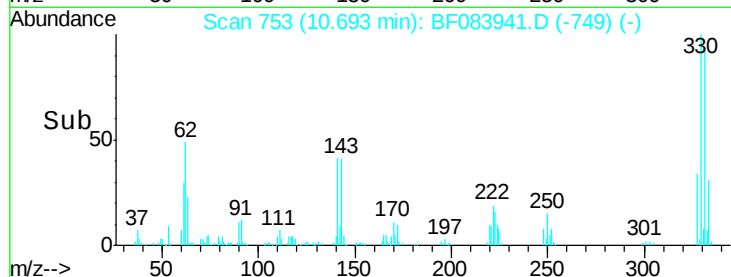
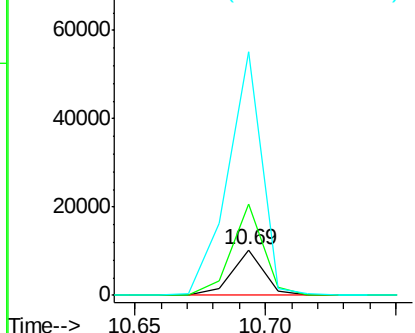
#66
 4-Bromophenyl-phenylether
 Concen: 4.10 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.25 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Tgt Ion: 248 Resp: 8753
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.4 117.6#
 141 537.8 44.0 66.0#

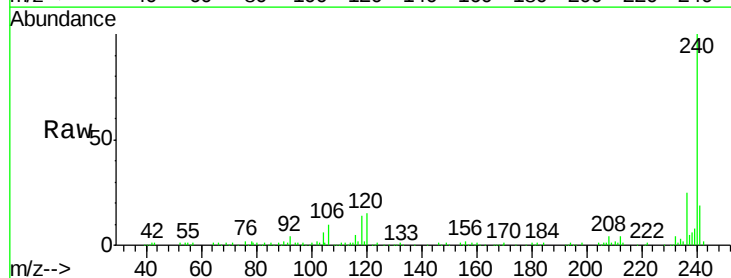


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF083941.D
 Acq: 19 Dec 2015 4:43

Tgt Ion: 240 Resp: 171916
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 25.1 20.6 31.0



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

