

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084293.D
 Acq On : 6 Jan 2016 16:57
 Operator : SJ/UM
 Sample : H1010-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

Quant Time: Jan 07 00:10:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282399	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1214303	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	544710	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1032732	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	805456	20.00	ng	-0.05
86) Perylene-d12	15.45	264	632144	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1011194	57.92	ng	-0.02
7) Phenol-d6	6.50	99	760633	34.69	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1958081	89.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	775242	140.97	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2929108	95.37	ng	-0.03
78) Terphenyl-d14	12.98	244	2353559	65.22	ng	-0.03

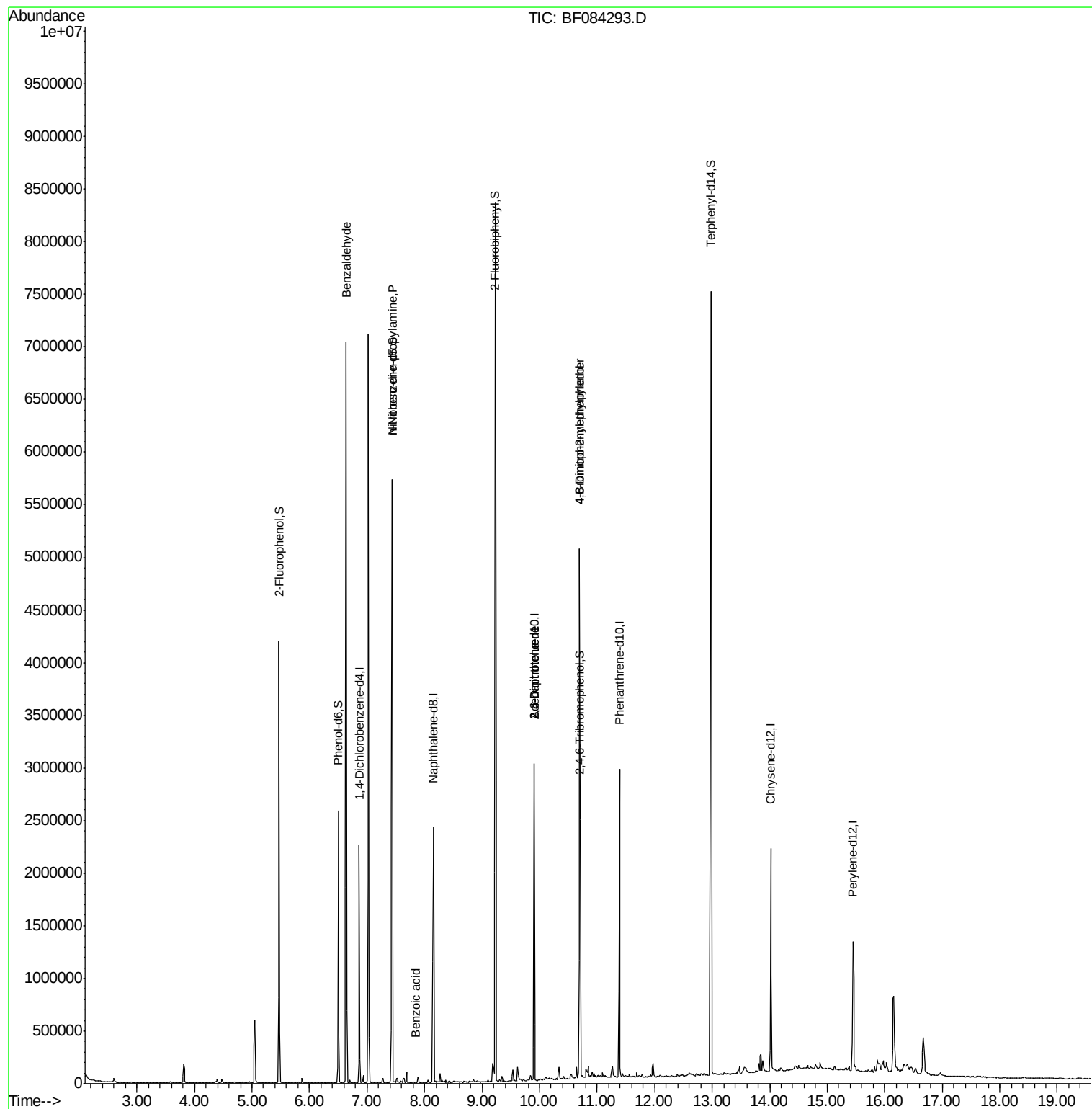
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	46761	3.28	ng	# 75
19) n-Nitroso-di-n-propylamine	7.44	70	283905	19.13	ng	# 71
32) Benzoic acid	7.85	122	789	6.30	ng	# 68
50) 2,6-Dinitrotoluene	9.90	165	71737	8.40	ng	# 37
54) Dibenzofuran	10.11	168	617	Below Cal		# 54
56) 2,4-Dinitrotoluene	9.90	165	71740	6.64	ng	# 21
57) Fluorene	10.69	166	28495	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.69	198	1588	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	45598	4.10	ng	# 1
73) Di-n-butylphthalate	11.95	149	9172	Below Cal		# 83

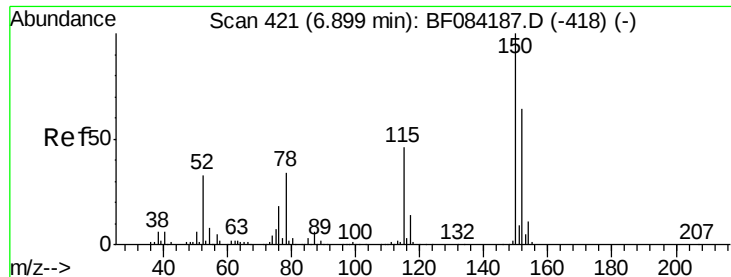
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jan 07 00:10:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



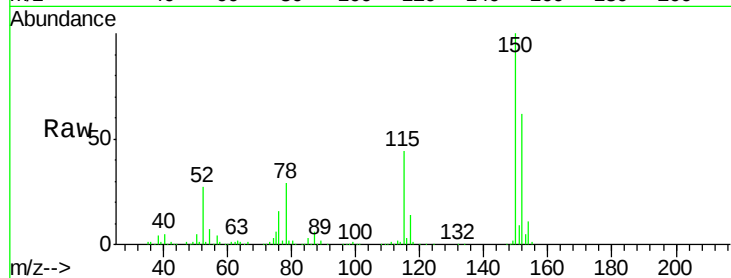


#1

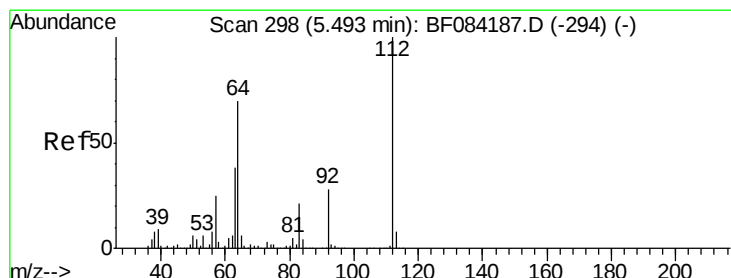
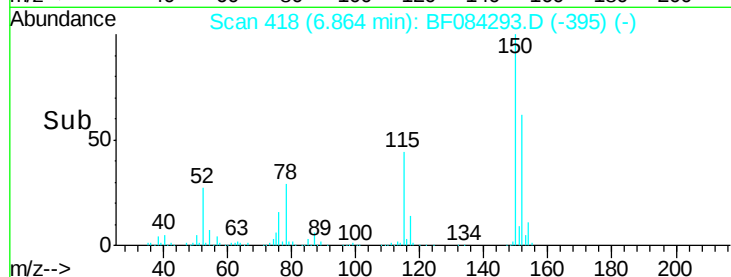
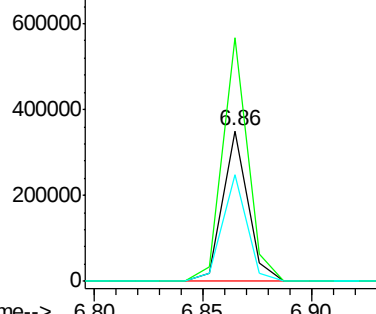
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

Tgt Ion:152 Resp: 282399
 Ion Ratio Lower Upper
 152 100
 150 161.9 123.0 184.4
 115 70.5 51.4 77.2



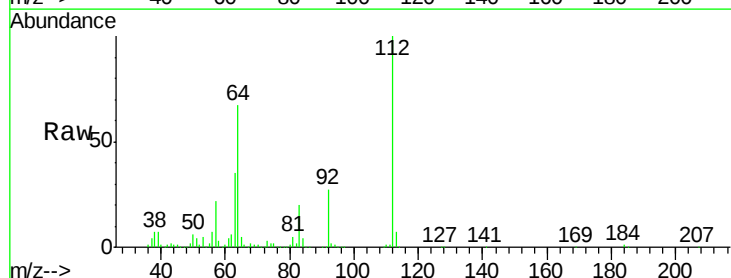
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



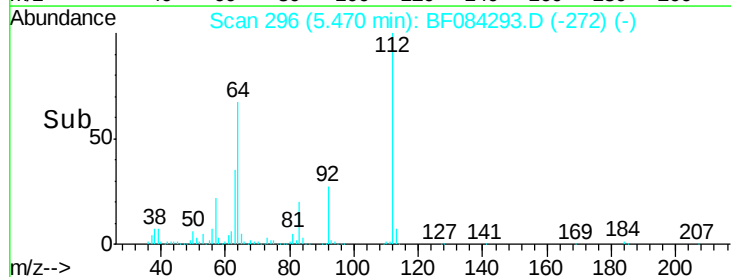
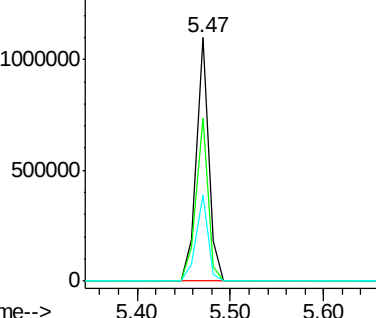
#5

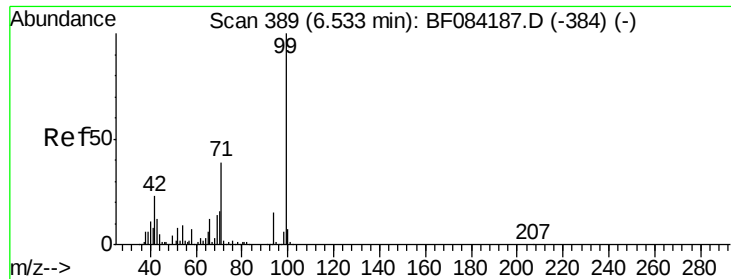
2-Fluorophenol
 Concen: 57.92 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.02 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion:112 Resp: 1011194
 Ion Ratio Lower Upper
 112 100
 64 66.8 36.6 55.0#
 63 35.2 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: 34.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43

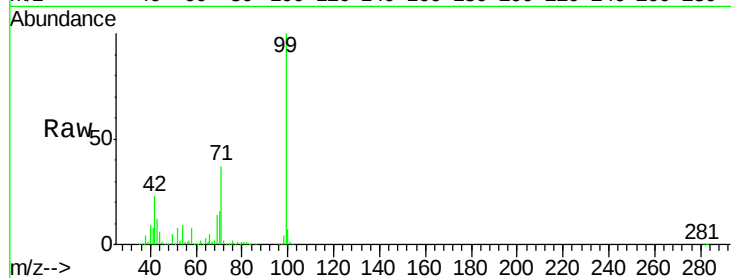
Tgt Ion: 99 Resp: 760633

Ion Ratio Lower Upper

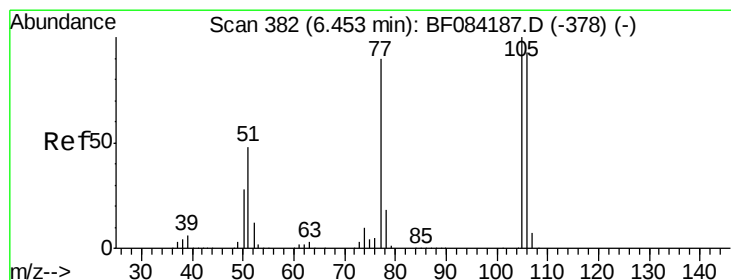
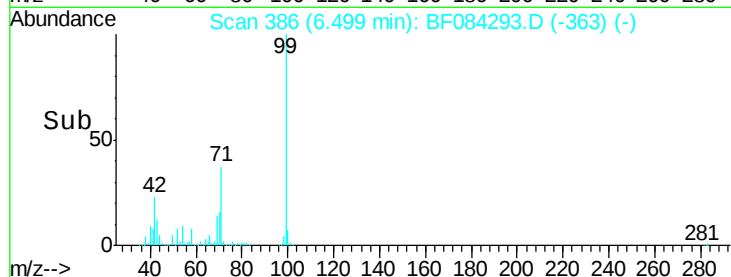
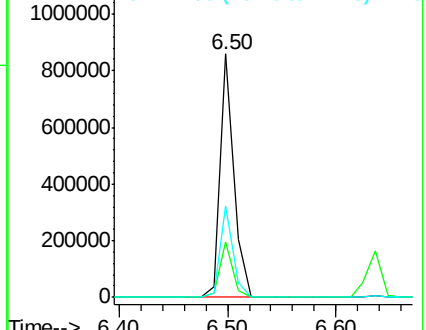
99 100

42 23.0 12.8 19.2#

71 37.3 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: 3.28 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

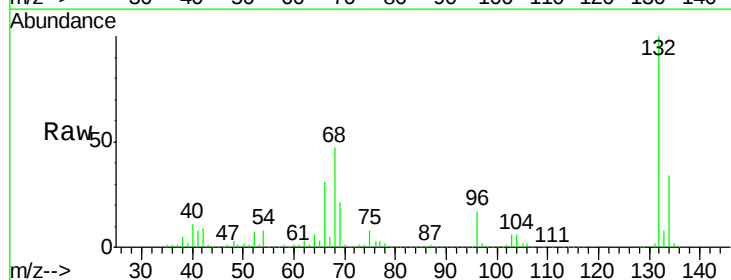
Tgt Ion: 77 Resp: 46761

Ion Ratio Lower Upper

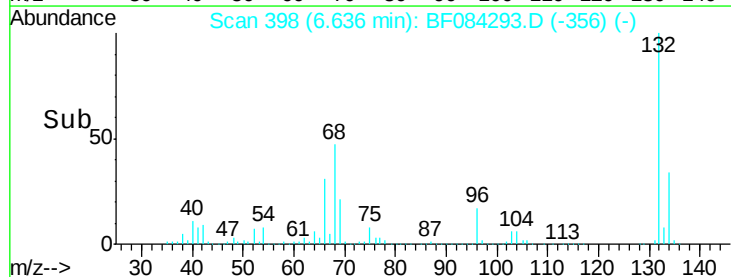
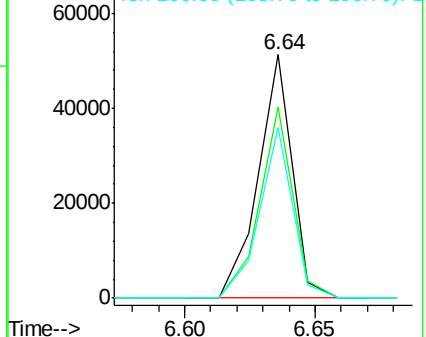
77 100

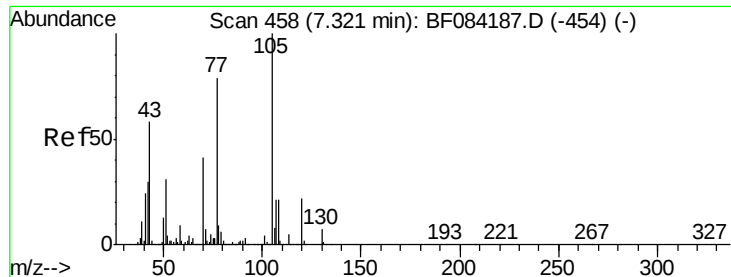
105 78.7 83.0 123.0#

106 70.0 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

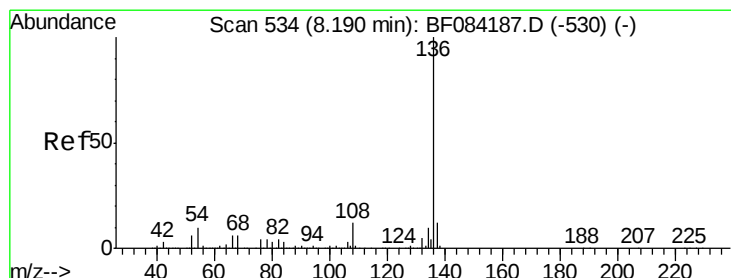
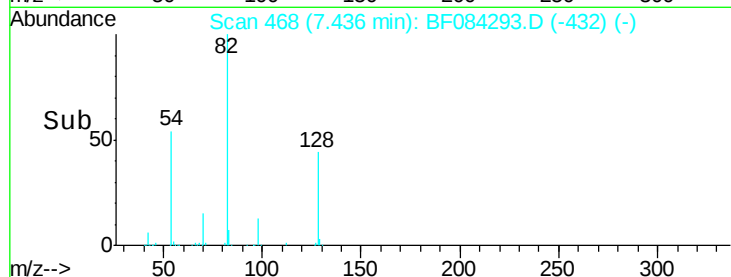
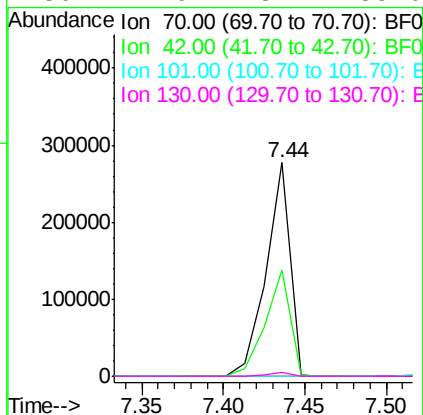
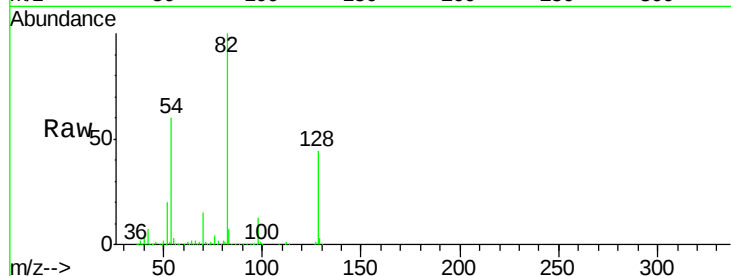




#19
n-Nitroso-di-n-propylamine
Concen: 19.13 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

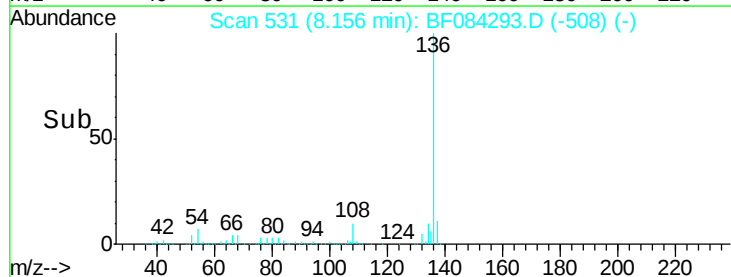
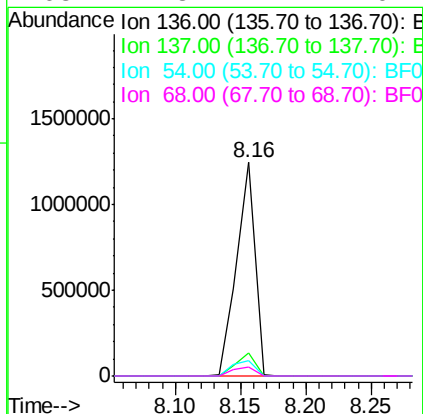
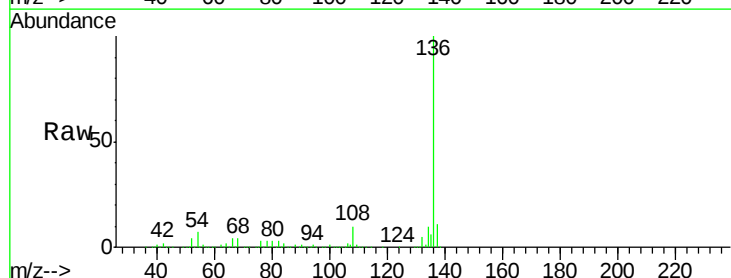
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43

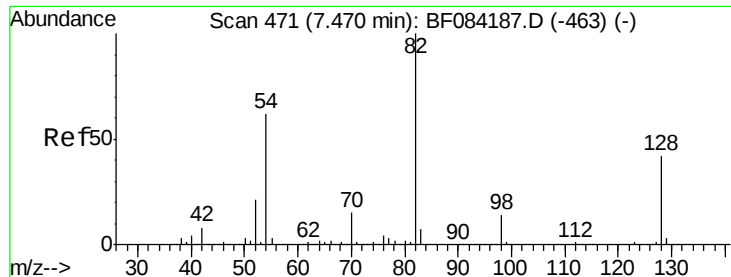
Tgt Ion: 70 Resp: 283905
Ion Ratio Lower Upper
70 100
42 49.9 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Tgt Ion: 136 Resp: 1214303
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.3 5.8 8.8
68 4.3 4.2 6.2

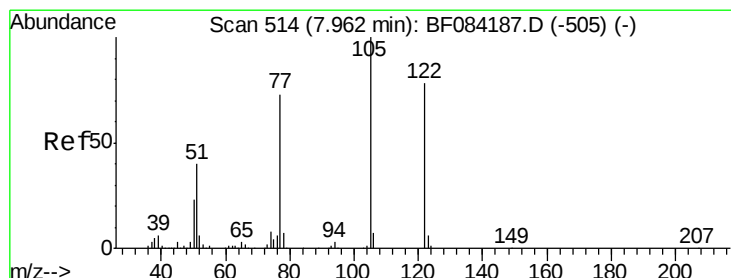
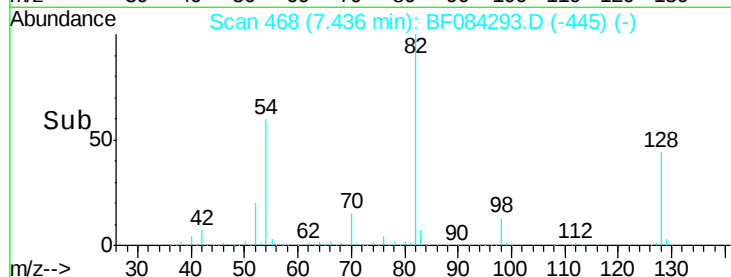
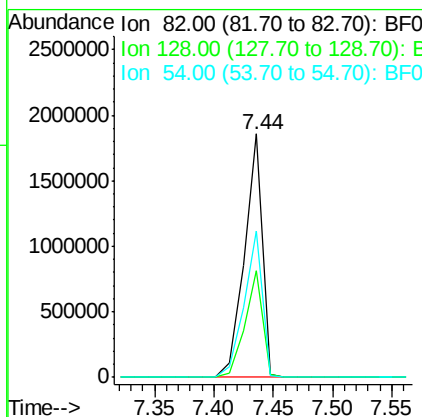
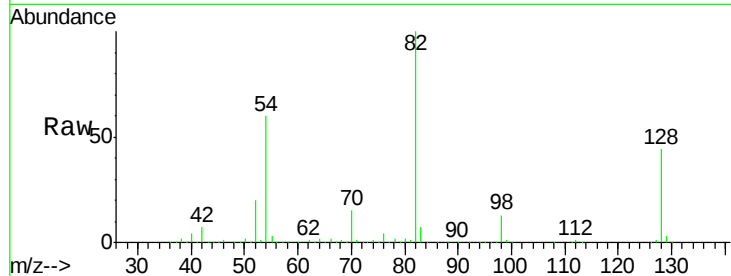




#23
 Nitrobenzene-d5
 Concen: 89.74 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

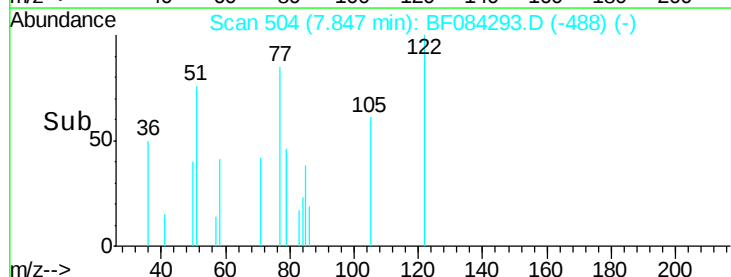
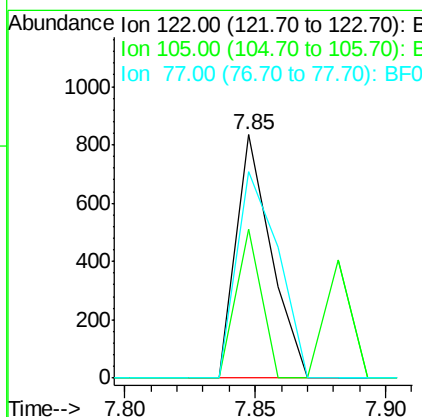
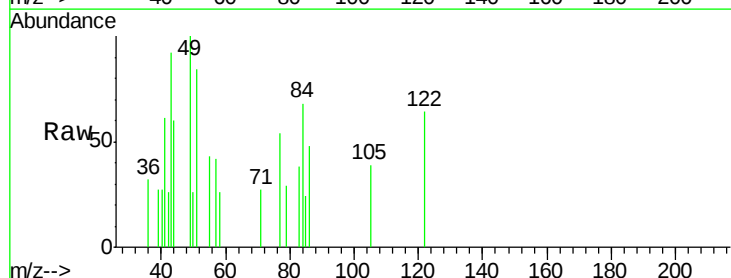
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

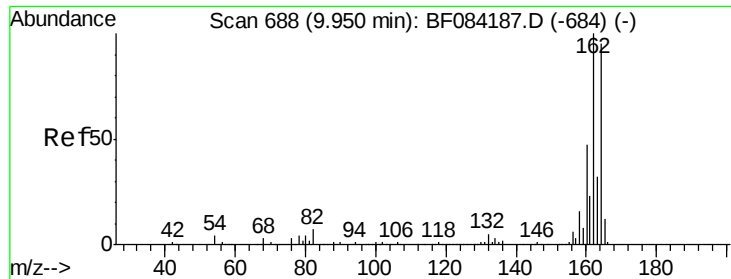
Tgt Ion: 82 Resp: 1958081
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 60.2 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.30 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.11 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion: 122 Resp: 789
 Ion Ratio Lower Upper
 122 100
 105 61.0 100.3 140.3#
 77 85.0 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43

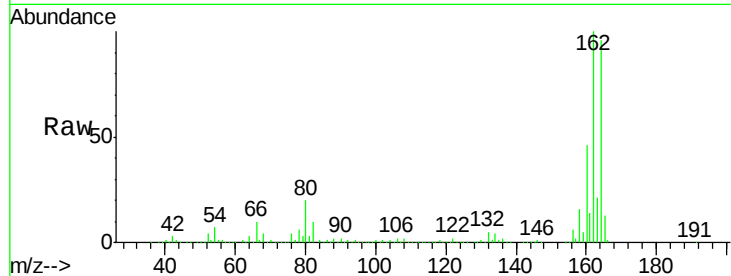
Tgt Ion:164 Resp: 544710

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

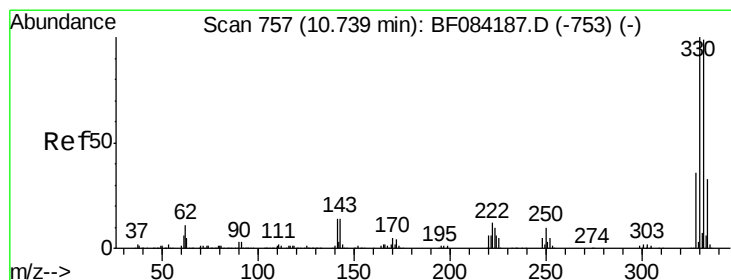
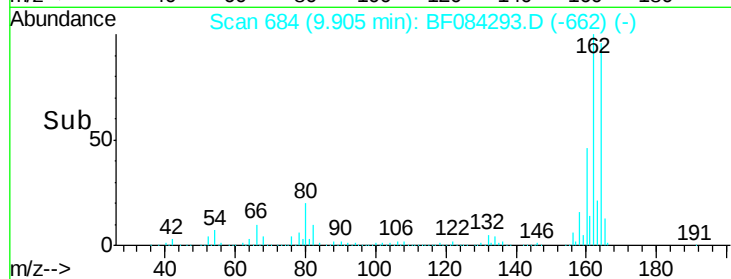
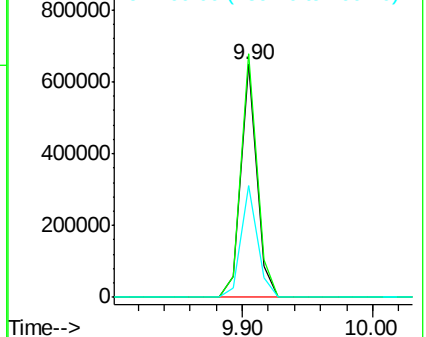
160 47.8 37.5 56.3



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: 140.97 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

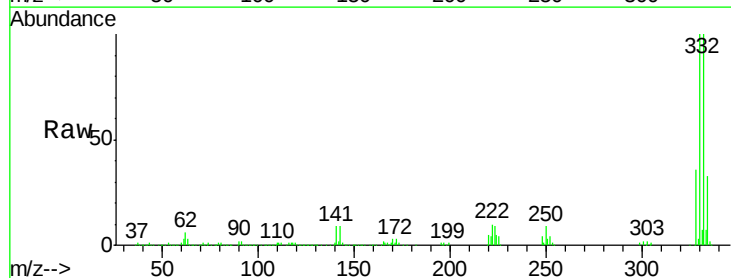
Tgt Ion:330 Resp: 775242

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

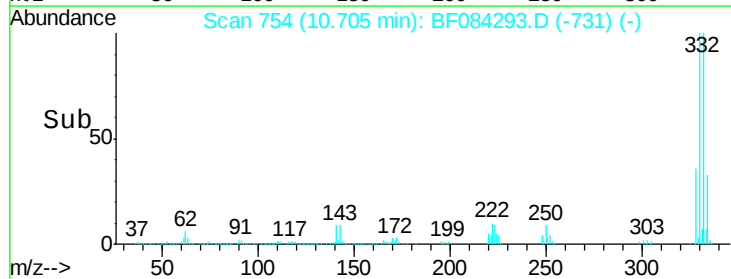
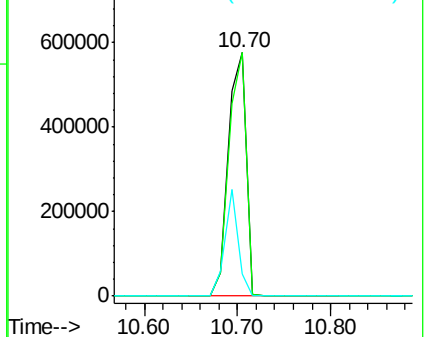
141 32.8 27.8 41.6

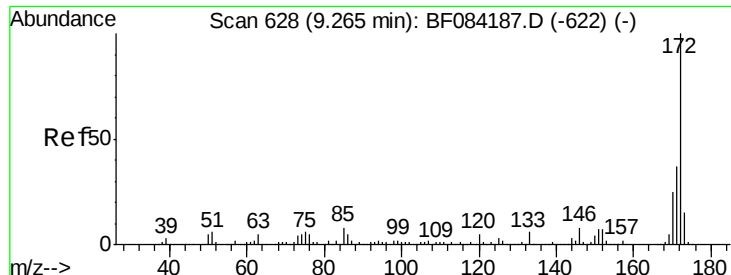


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

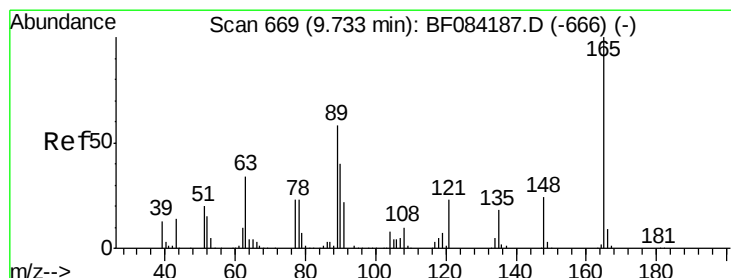
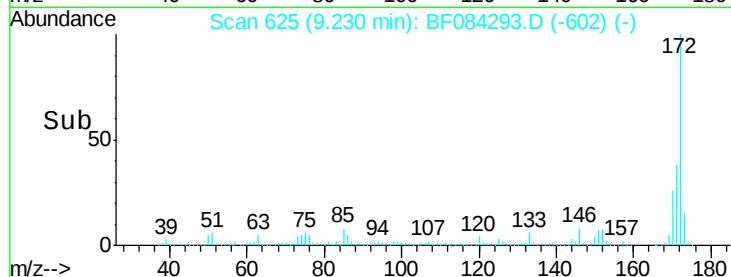
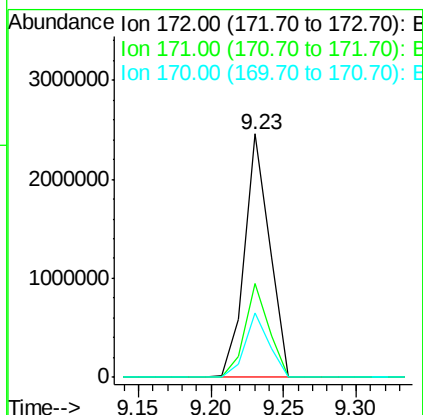
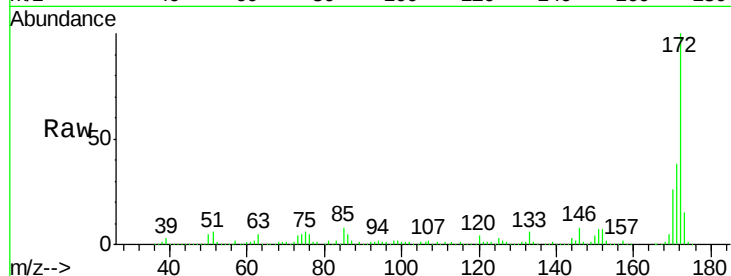




#44
 2-Fluorobiphenyl
 Concen: 95.37 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

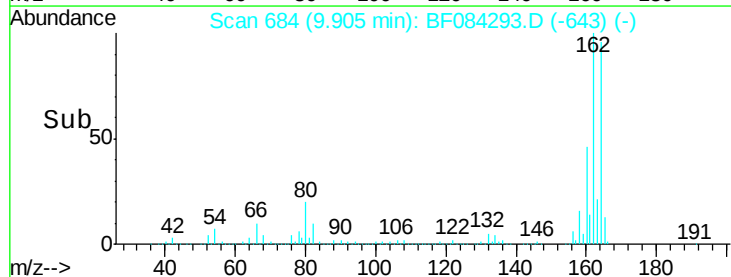
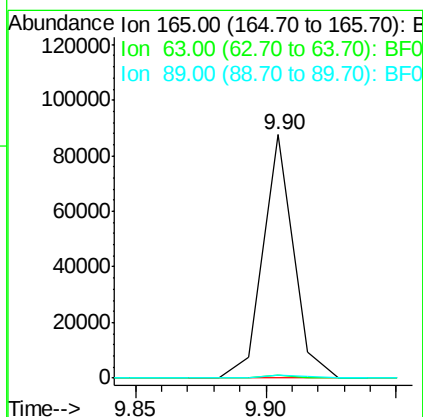
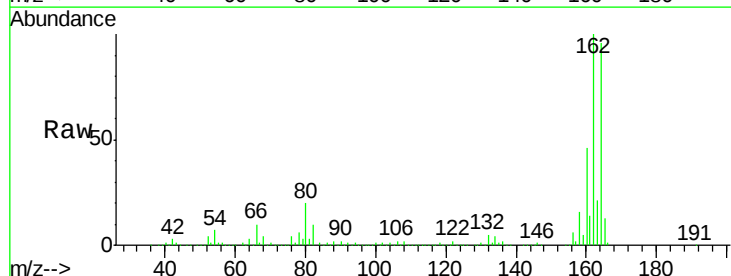
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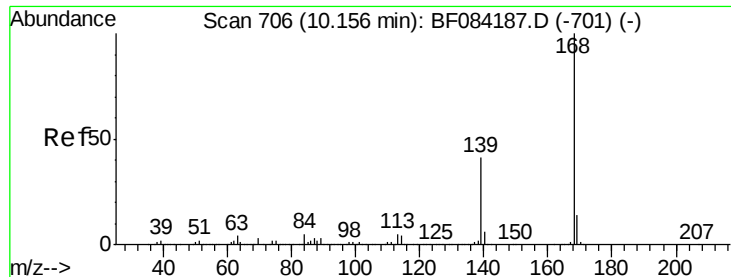
Tgt Ion:172 Resp: 2929108
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.3 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.17 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion:165 Resp: 71737
 Ion Ratio Lower Upper
 165 100
 63 1.4 28.8 43.2#
 89 1.4 35.1 52.7#

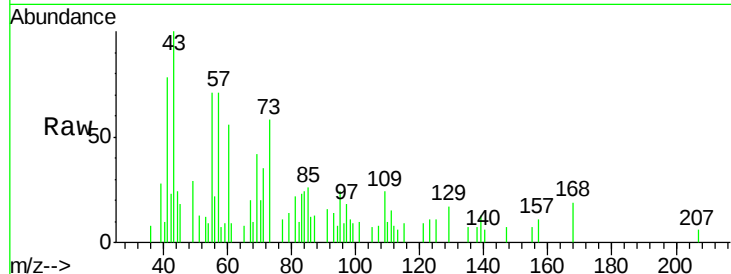




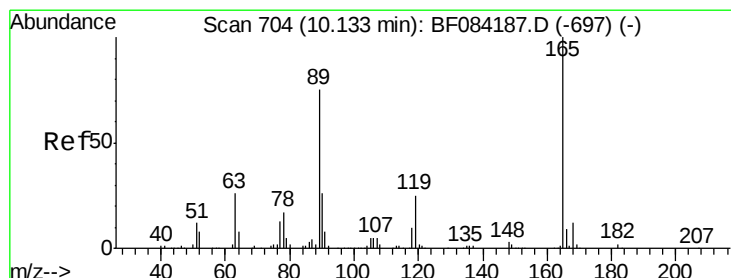
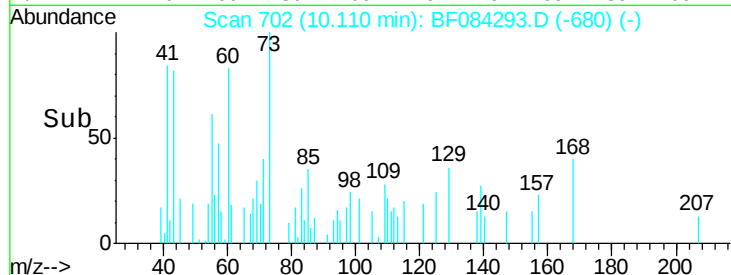
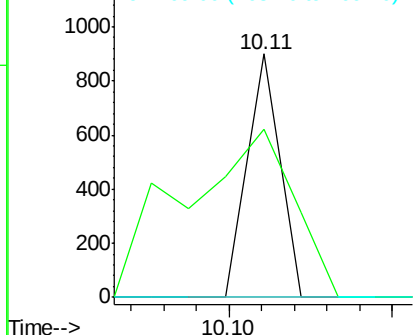
#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43

Tgt Ion:168 Resp: 617
Ion Ratio Lower Upper
168 100
139 69.0 30.5 45.7#
169 0.0 10.4 15.6#

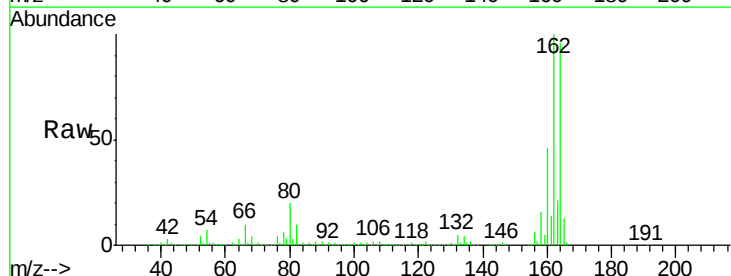


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

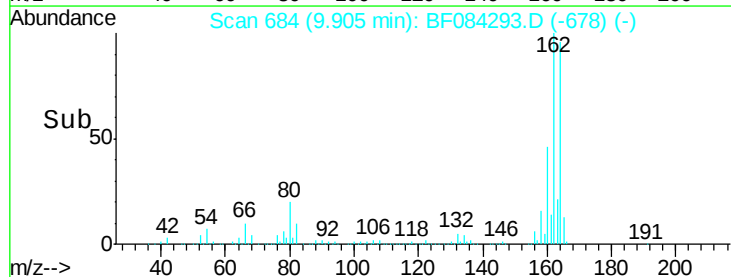
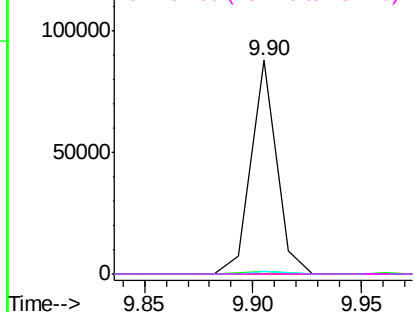


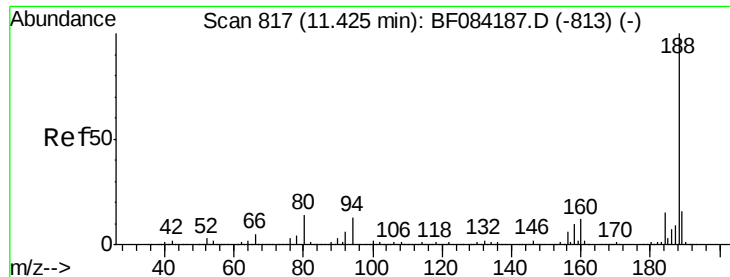
#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Tgt Ion:165 Resp: 71740
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.4 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

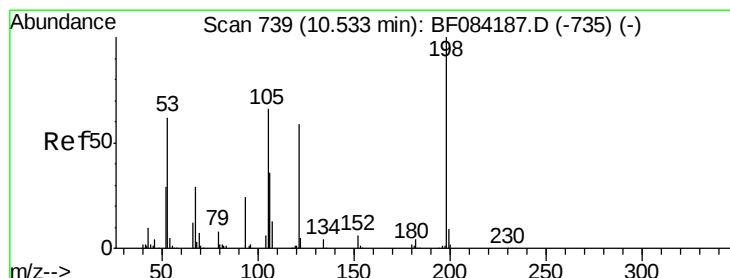
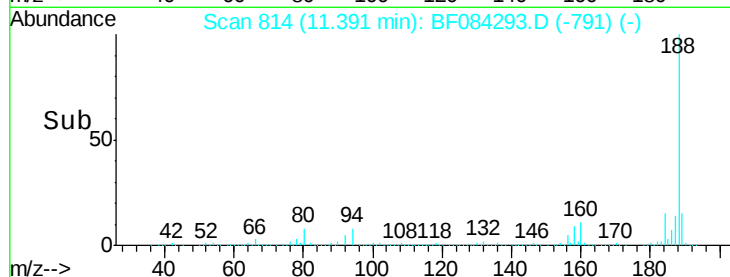
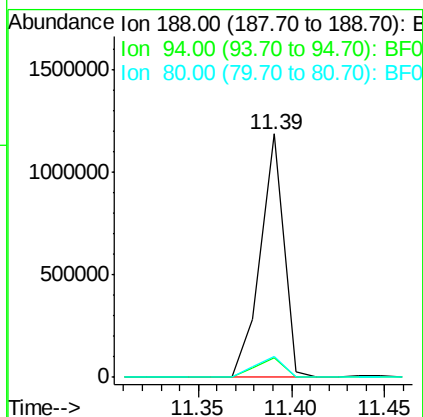
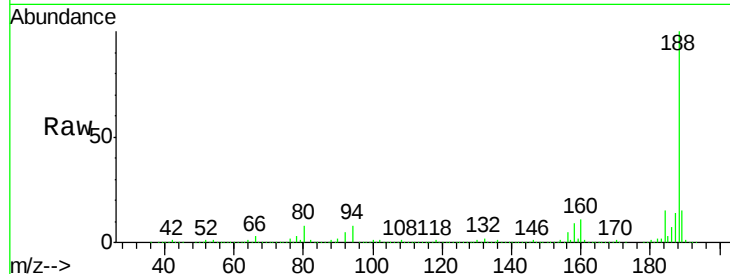




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

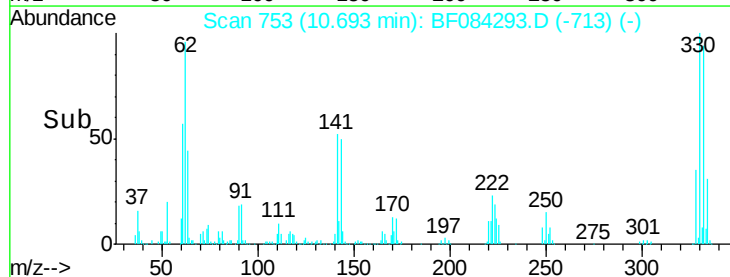
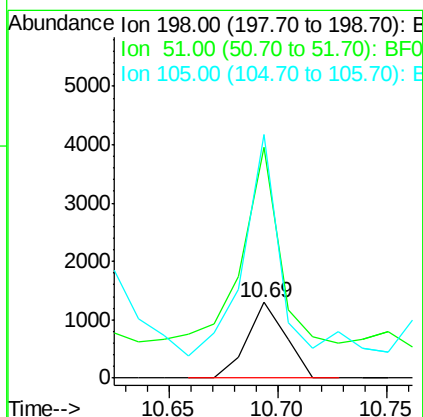
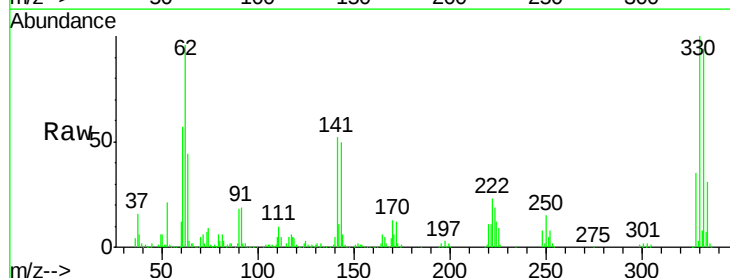
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

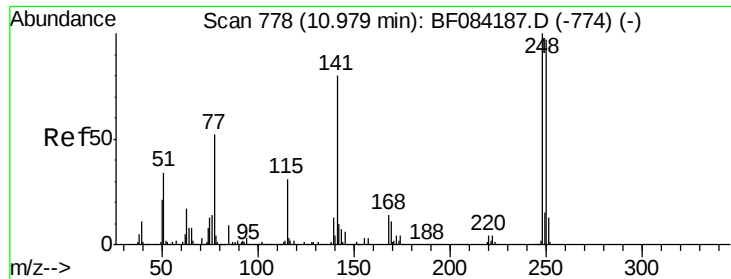
Tgt Ion:188 Resp: 1032732
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 8.4 9.6 14.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion:198 Resp: 1588
 Ion Ratio Lower Upper
 198 100
 51 305.0 18.9 58.9#
 105 321.0 26.4 66.4#

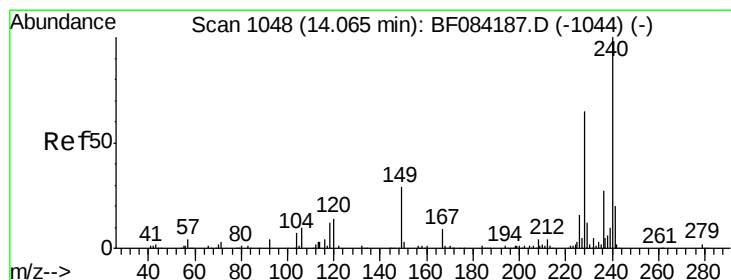
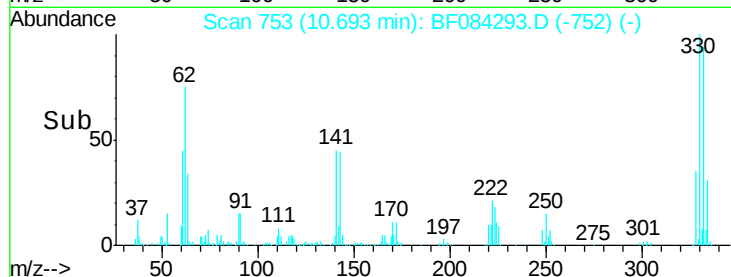
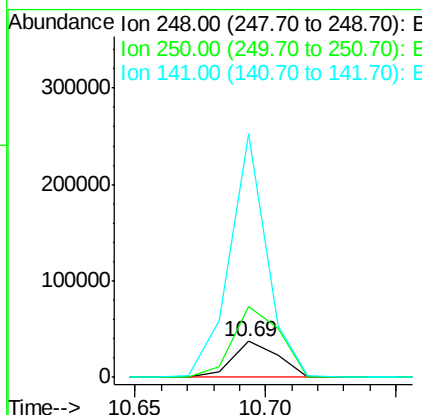
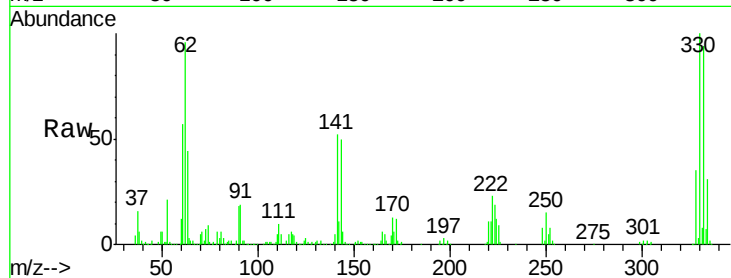




#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

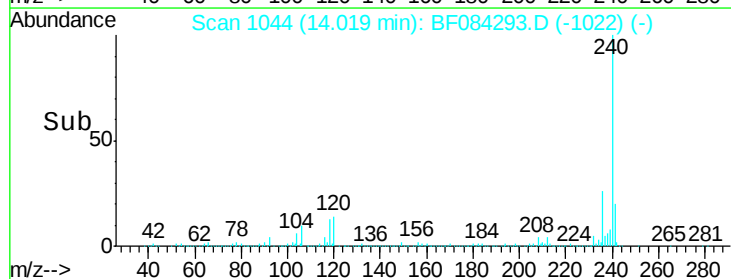
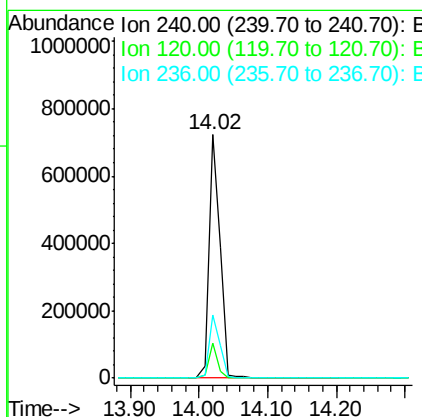
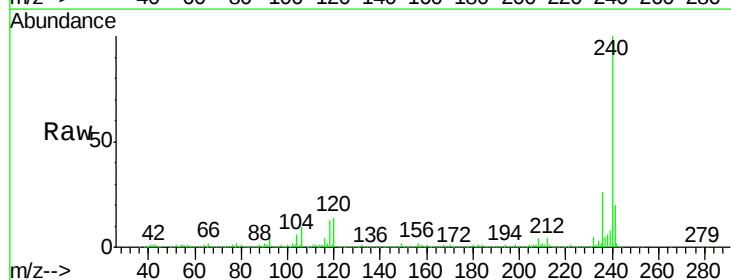
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43

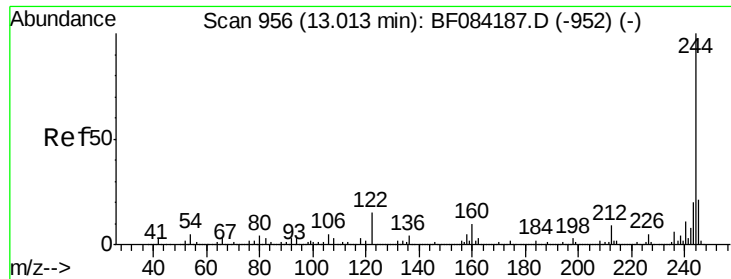
Tgt Ion:248 Resp: 45598
Ion Ratio Lower Upper
248 100
250 197.7 78.4 117.6#
141 676.4 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Tgt Ion:240 Resp: 805456
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.7 20.6 31.0

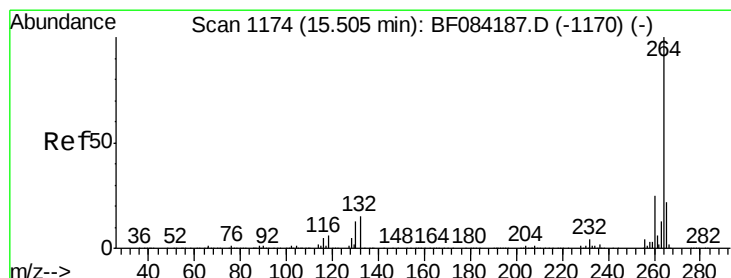
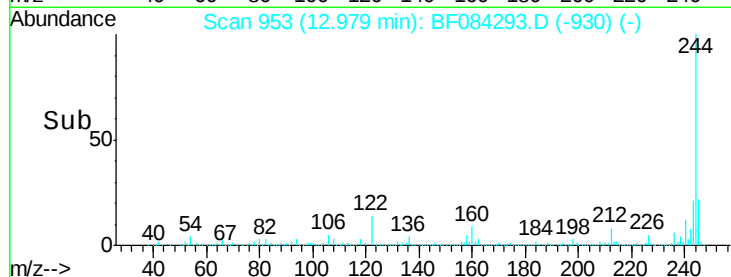
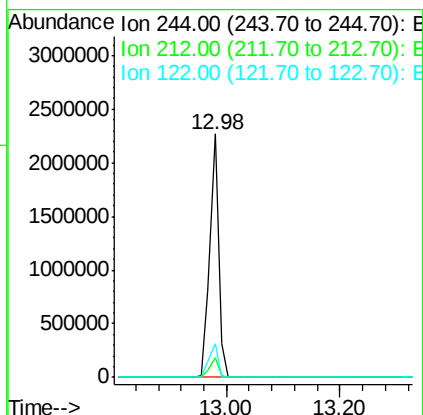
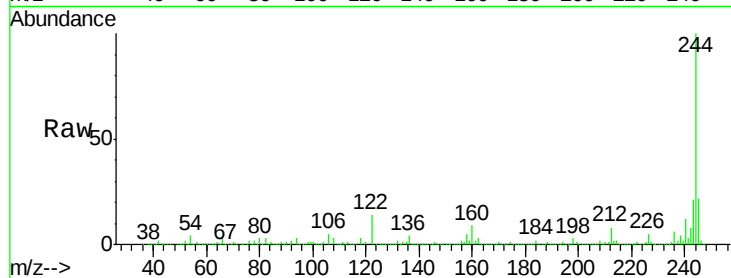




#78
 Terphenyl-d14
 Concen: 65.22 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

Tgt Ion:244 Resp: 2353559
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion:264 Resp: 632144
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.4 17.8 26.6

