

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084419.D
 Acq On : 12 Jan 2016 19:29
 Operator : SJ/UM
 Sample : H1078-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

Quant Time: Jan 13 00:36:25 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	6.84	152	286828	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1101904	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	527317	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	940457	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	644003	20.00	ng	-0.07
86) Perylene-d12	15.43	264	517090	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1152060	64.97	ng	-0.04
7) Phenol-d6	6.48	99	903345	40.56	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1971354	99.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	643649	120.90	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2641790	88.38	ng	-0.06
78) Terphenyl-d14	12.96	244	2156962	74.76	ng	-0.06

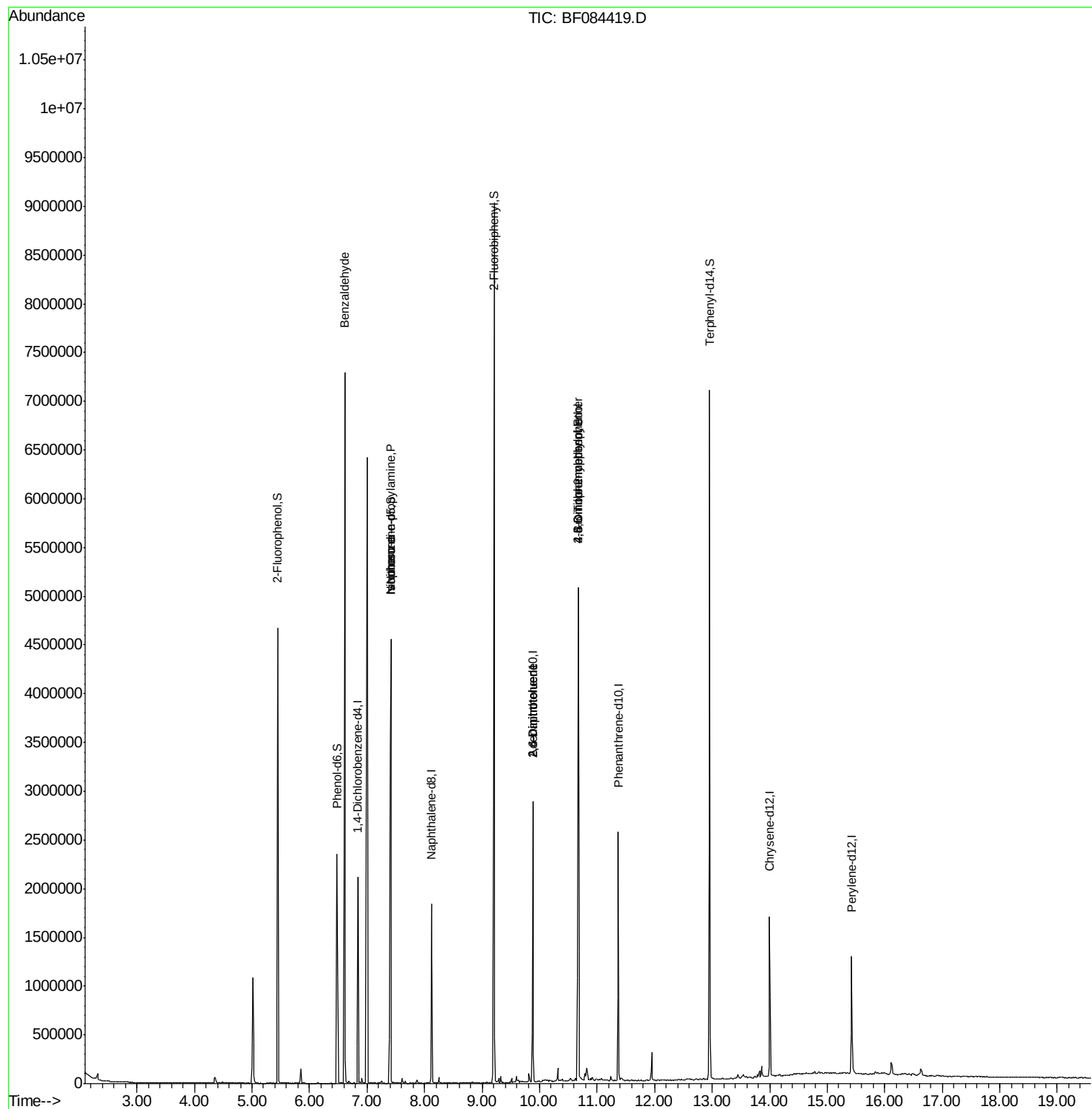
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.61	77	45708	3.15	ng	# 80
19) n-Nitroso-di-n-propylamine	7.41	70	267057	17.71	ng	# 77
25) Isophorone	7.41	82	1862617	49.19	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	69038	8.35	ng	# 37
54) Dibenzofuran	10.09	168	232	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.88	165	69043	6.60	ng	# 21
57) Fluorene	10.67	166	26516	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.67	198	1052	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	38989	3.85	ng	# 1
73) Di-n-butylphthalate	11.93	149	6077	Below Cal		# 84

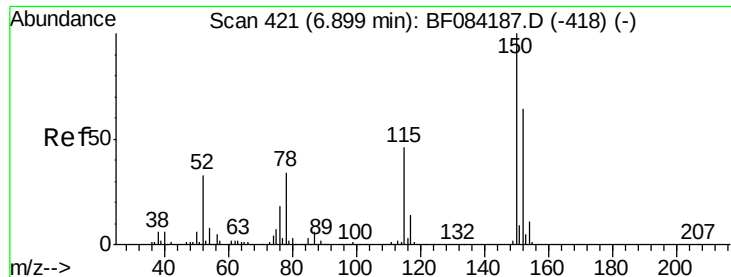
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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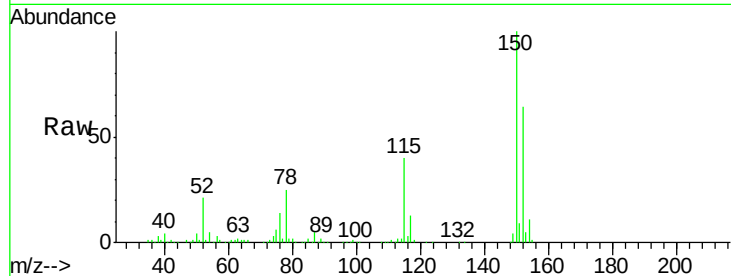


#1

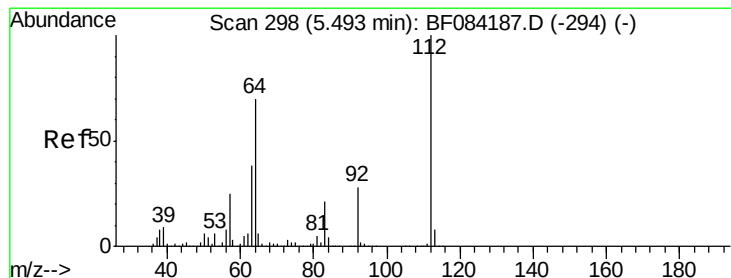
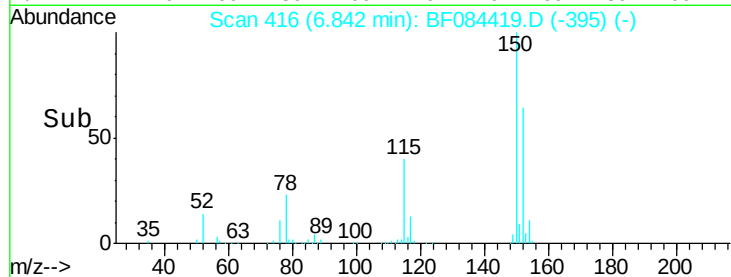
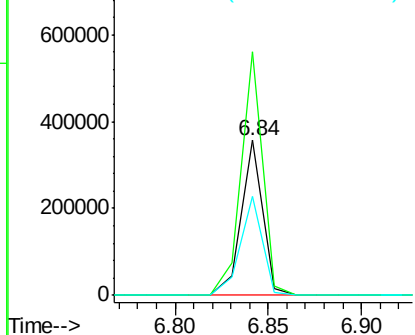
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TE-PMW2-17

Tgt Ion:152 Resp: 286828
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.4
115 63.5 51.4 77.2



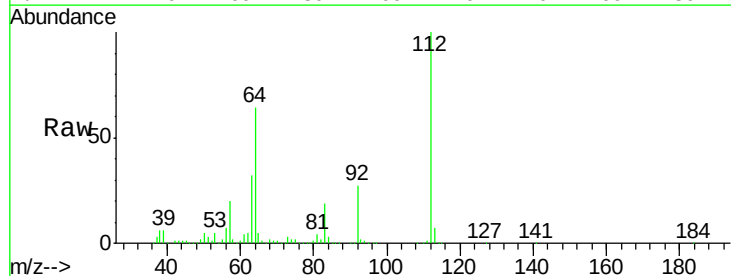
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



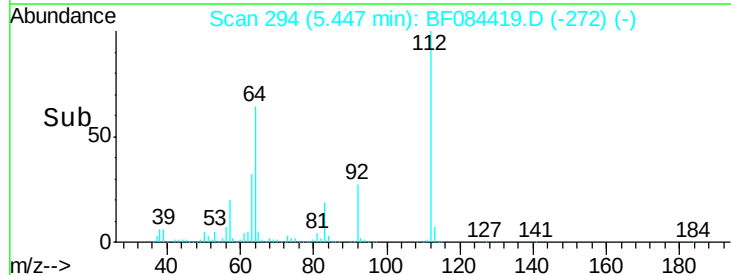
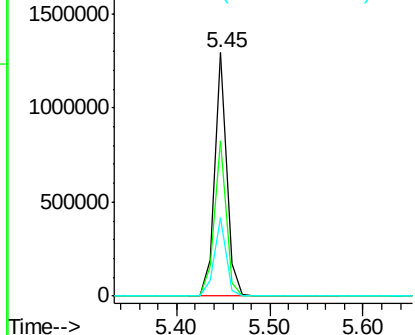
#5

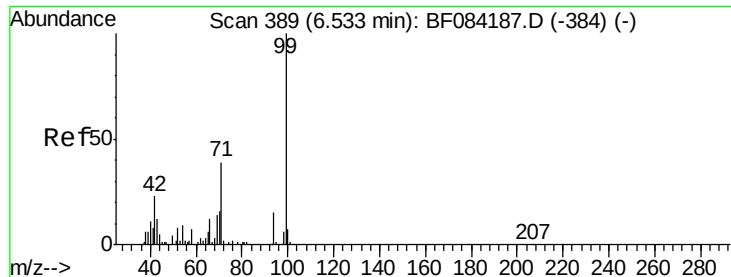
2-Fluorophenol
Concen: 64.97 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Tgt Ion:112 Resp: 1152060
Ion Ratio Lower Upper
112 100
64 63.9 36.6 55.0#
63 32.4 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: 40.56 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-17

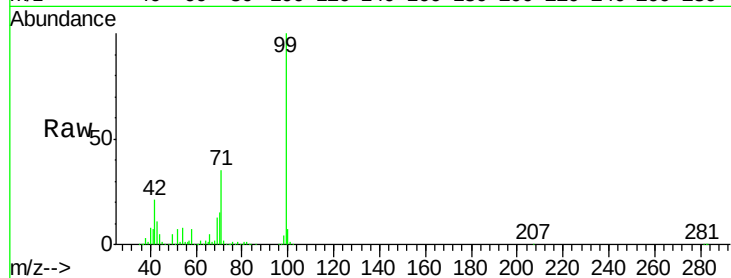
Tgt Ion: 99 Resp: 903345

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

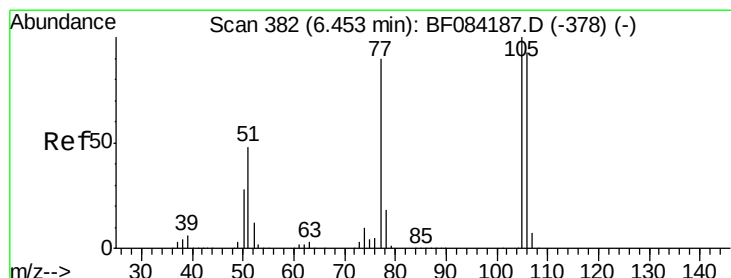
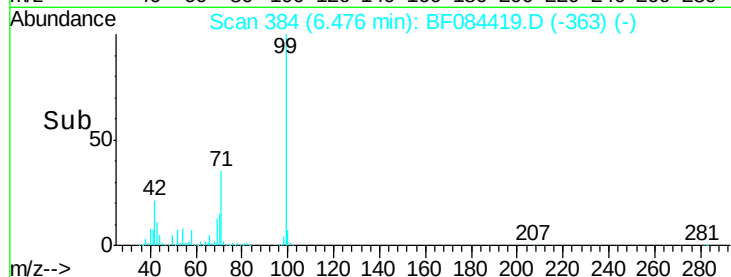
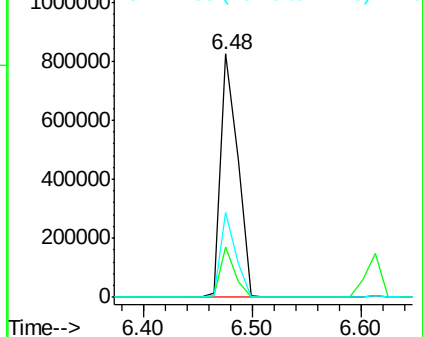
71 34.7 30.9 46.3



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: 3.15 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

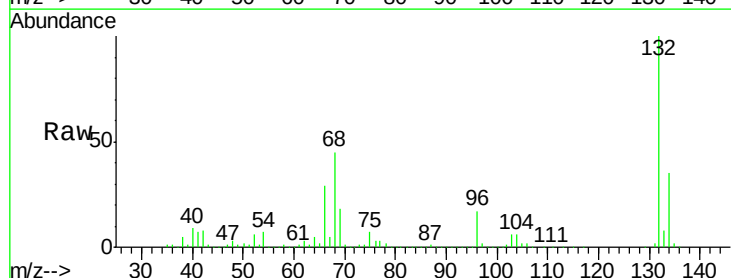
Tgt Ion: 77 Resp: 45708

Ion Ratio Lower Upper

77 100

105 82.2 83.0 123.0#

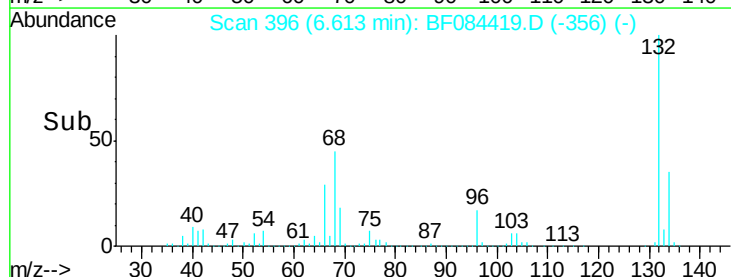
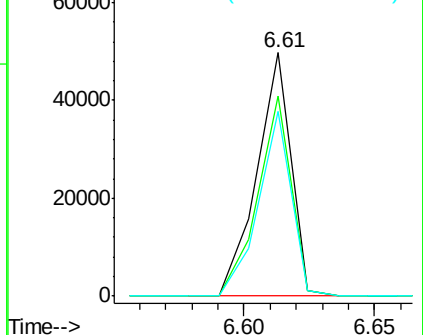
106 75.9 74.6 114.6

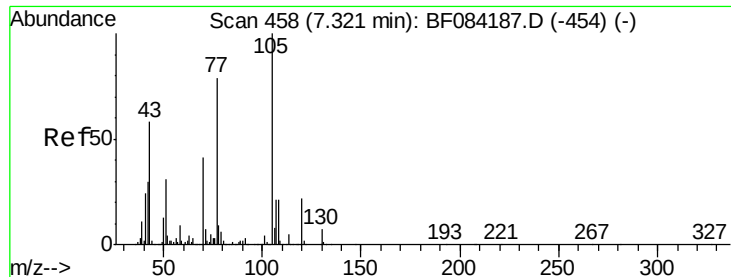


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

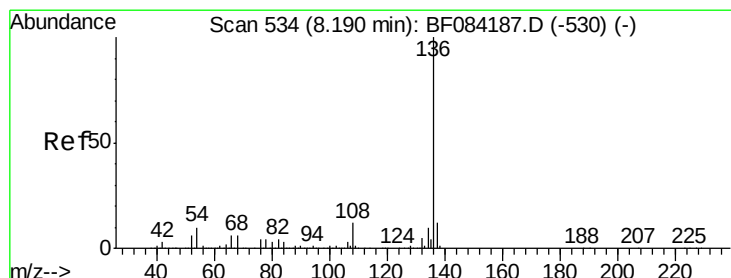
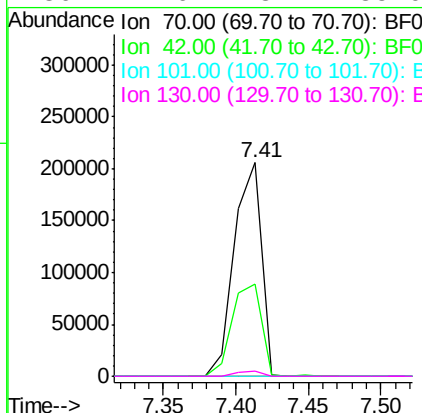
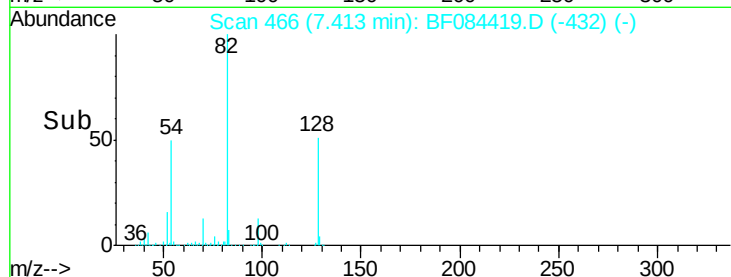
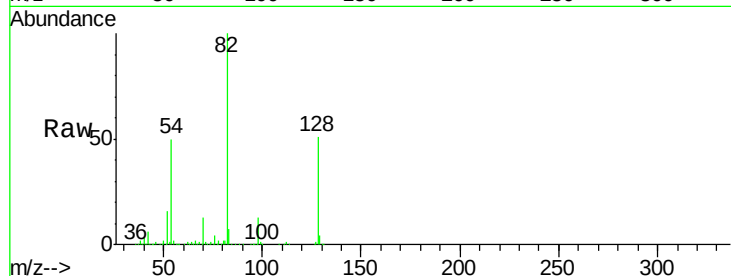




#19
n-Nitroso-di-n-propylamine
Concen: 17.71 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

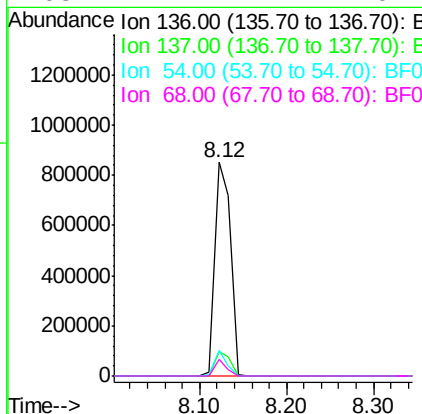
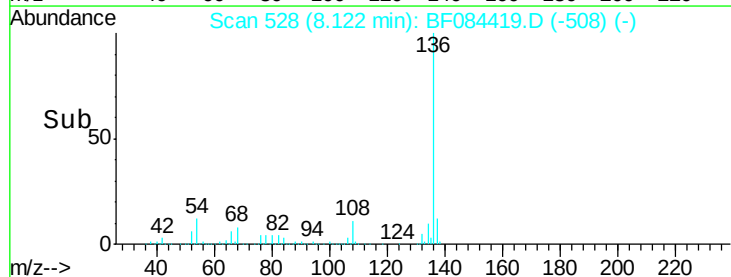
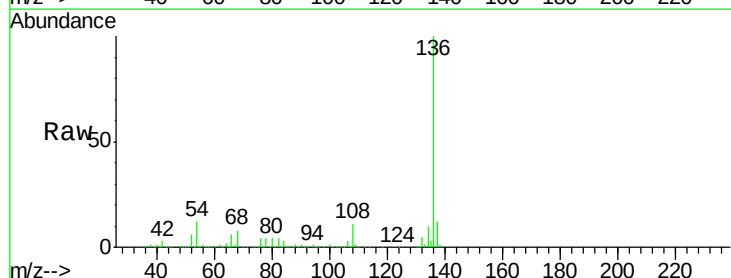
Instrument :
BNA_F
ClientSampleId :
TE-PMW2-17

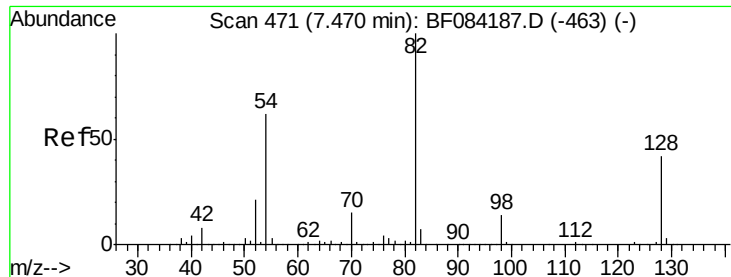
Tgt Ion: 70 Resp: 267057
Ion Ratio Lower Upper
70 100
42 42.9 33.3 49.9
101 0.0 9.3 13.9#
130 2.6 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Tgt Ion: 136 Resp: 1101904
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 11.9 5.8 8.8#
68 7.7 4.2 6.2#

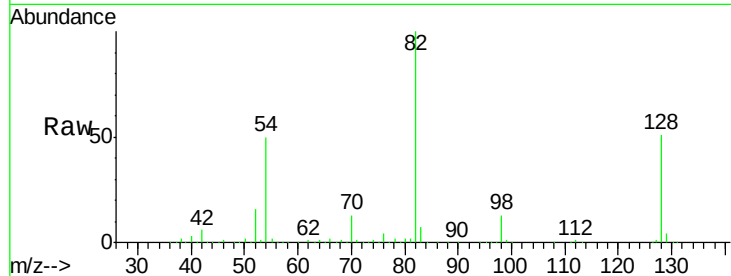




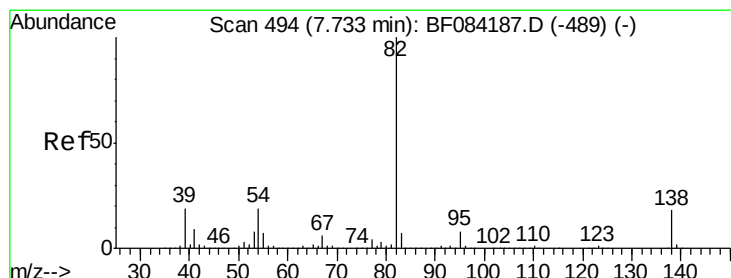
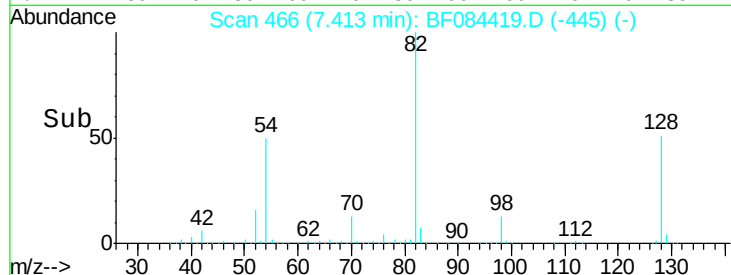
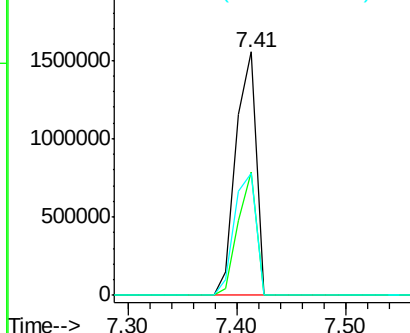
#23
 Nitrobenzene-d5
 Concen: 99.57 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

Tgt Ion: 82 Resp: 1971354
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.6 51.8
 54 50.2 38.4 57.6

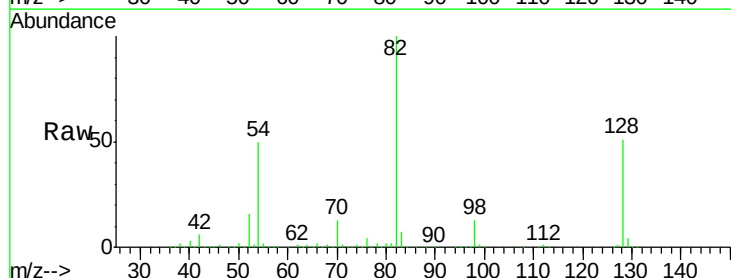


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

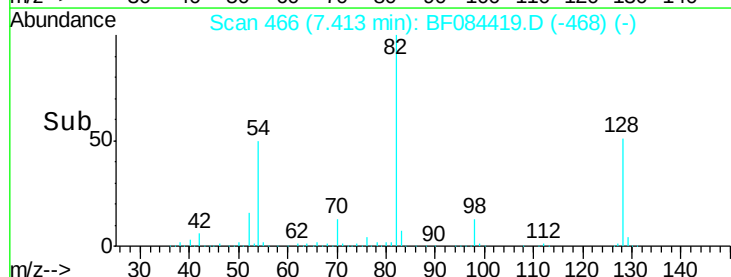
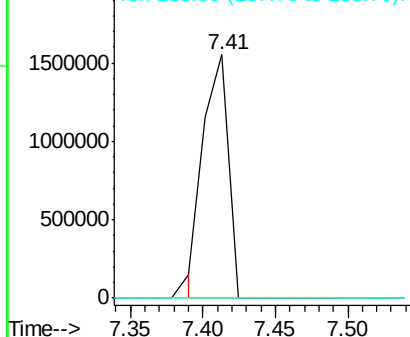


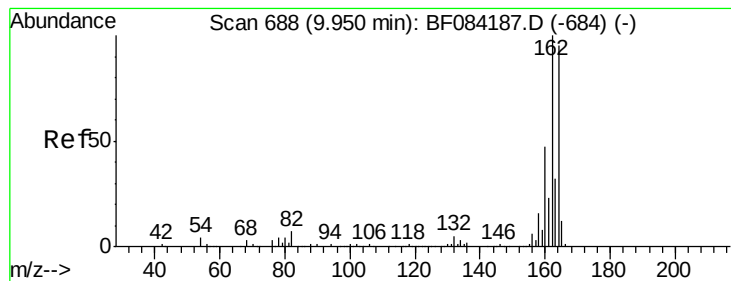
#25
 Isophorone
 Concen: 49.19 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.32 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Tgt Ion: 82 Resp: 1862617
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-17

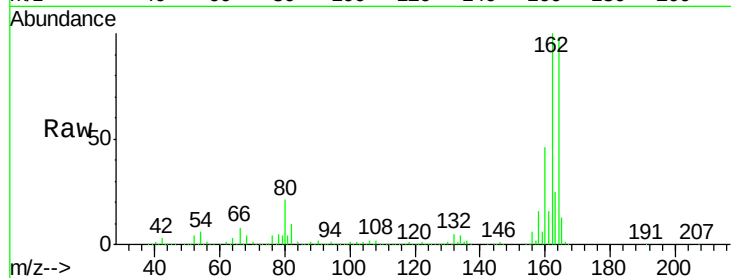
Tgt Ion:164 Resp: 527317

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

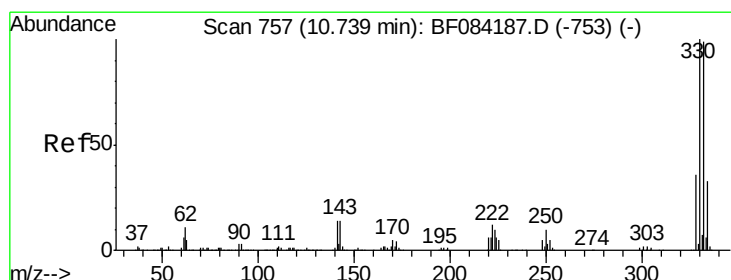
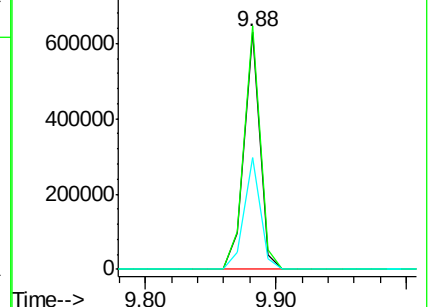
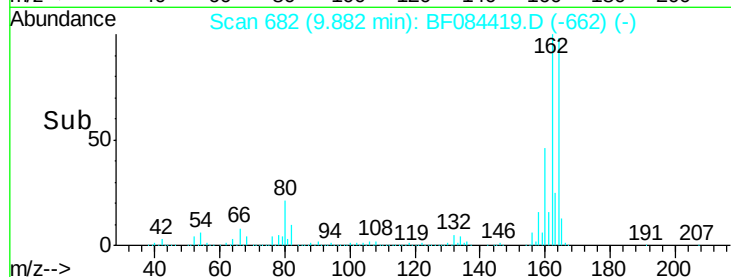
160 47.2 37.5 56.3



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: 120.90 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

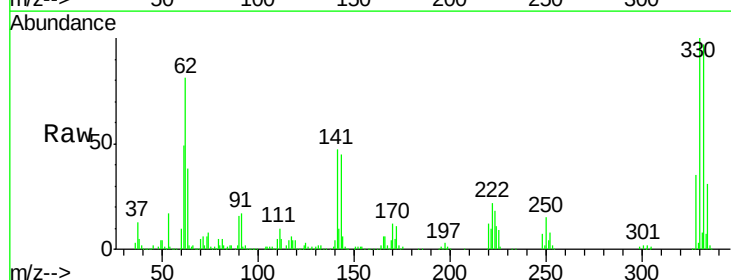
Tgt Ion:330 Resp: 643649

Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

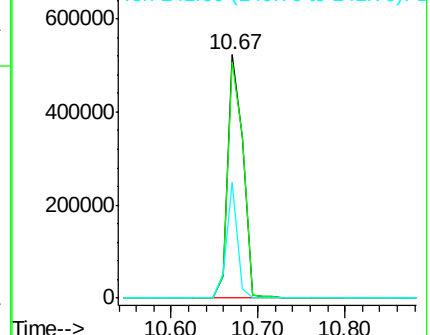
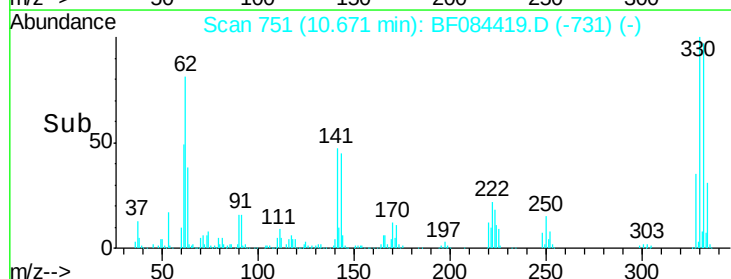
141 35.2 27.8 41.6

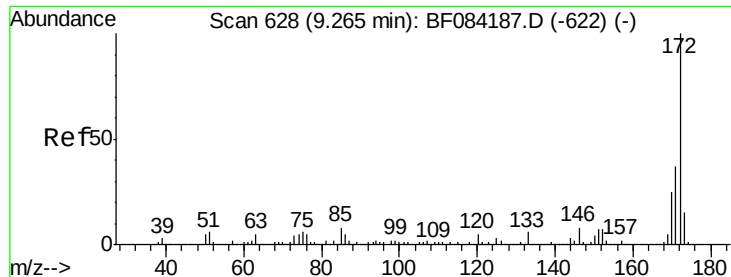


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

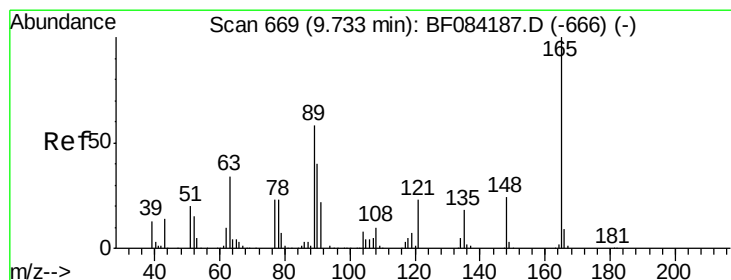
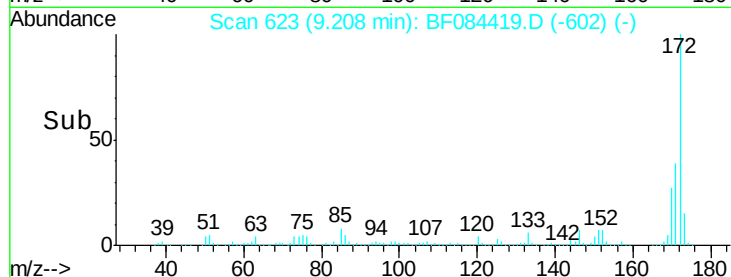
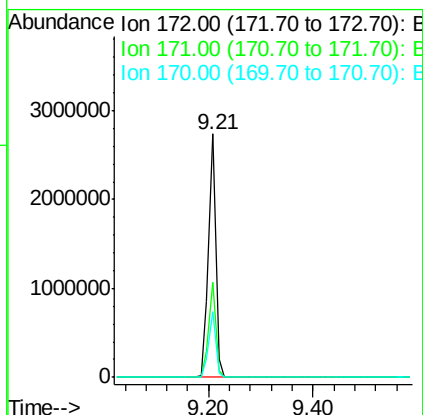
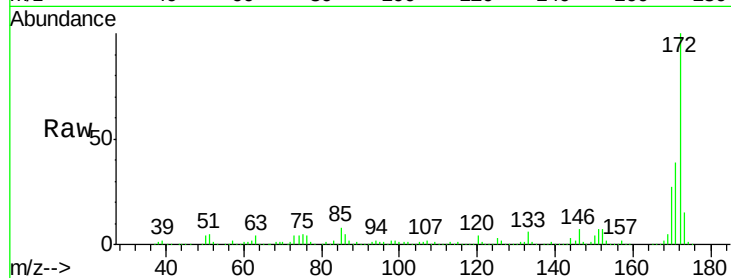




#44
 2-Fluorobiphenyl
 Concen: 88.38 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

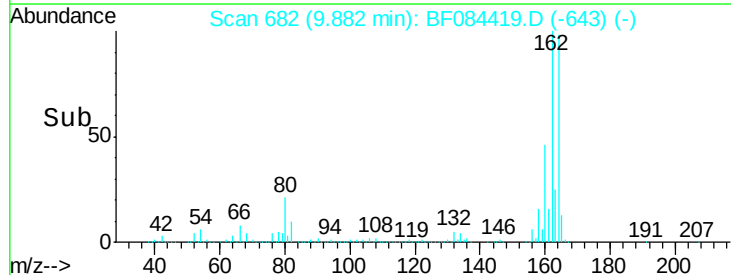
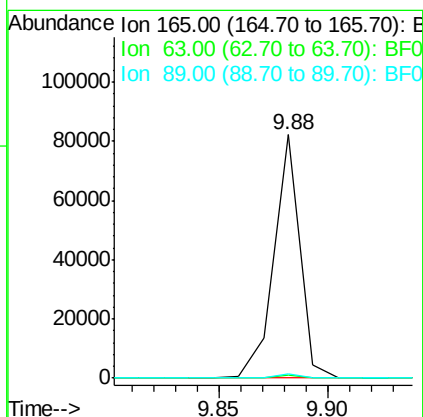
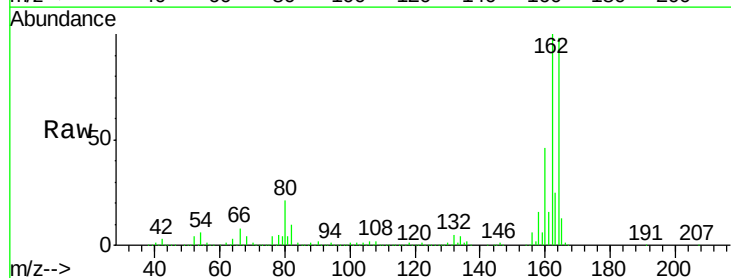
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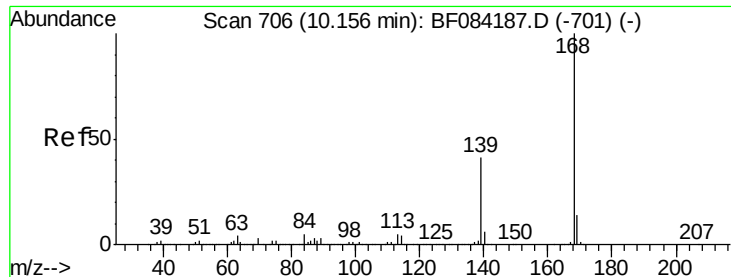
Tgt Ion:172 Resp: 2641790
 Ion Ratio Lower Upper
 172 100
 171 39.1 28.9 43.3
 170 27.0 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.35 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Tgt Ion:165 Resp: 69038
 Ion Ratio Lower Upper
 165 100
 63 1.2 28.8 43.2#
 89 1.6 35.1 52.7#

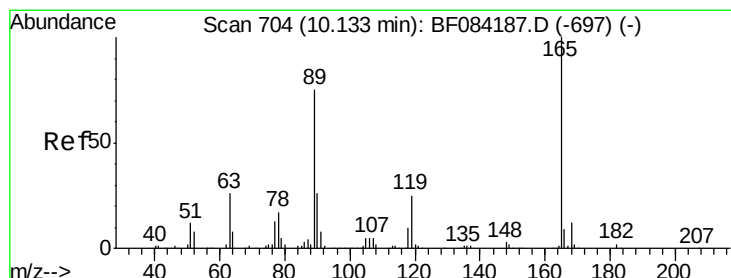
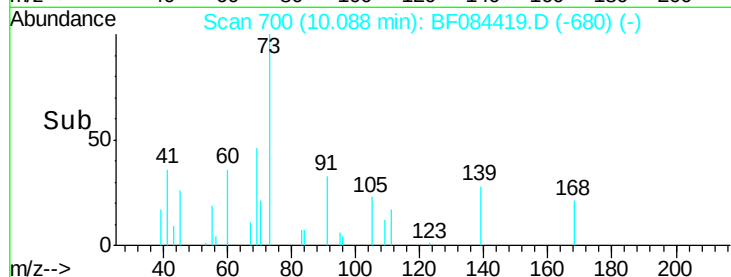
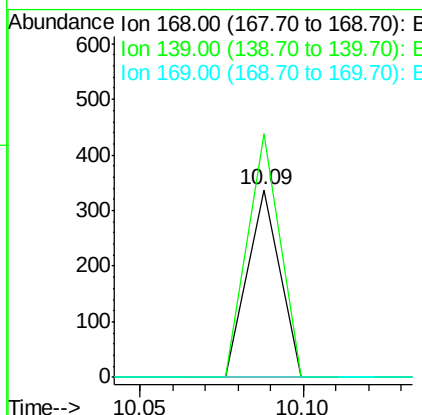
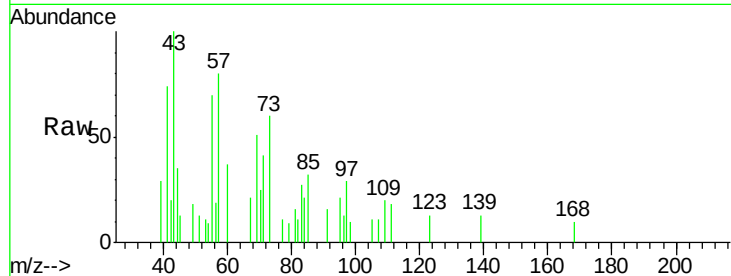




#54
Dibenzofuran
Concen: Below Cal
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

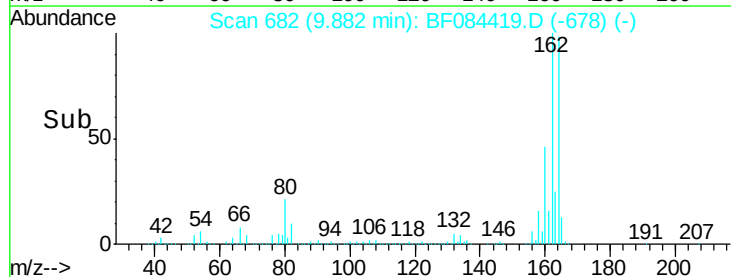
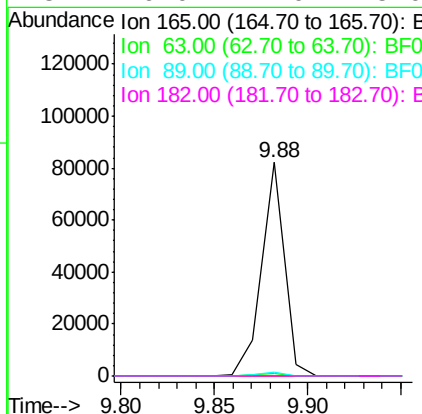
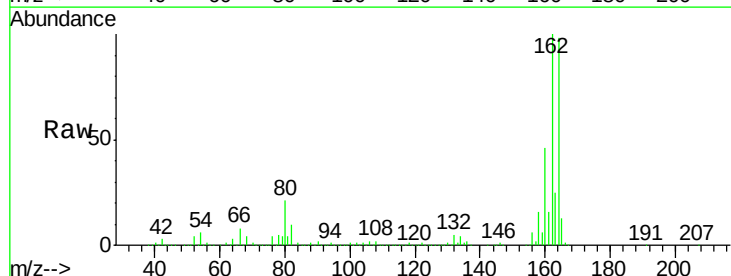
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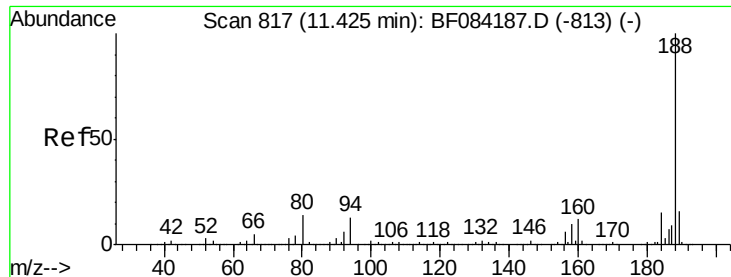
Tgt Ion:168 Resp: 232
Ion Ratio Lower Upper
168 100
139 129.6 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Tgt Ion:165 Resp: 69043
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#

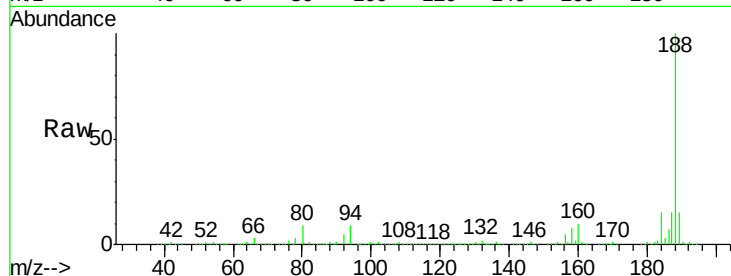




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

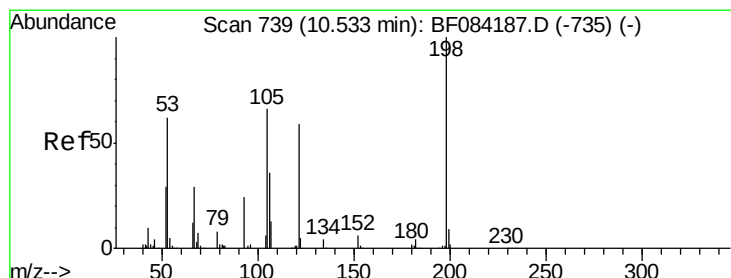
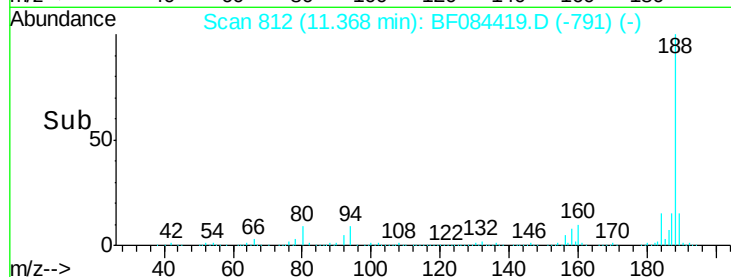
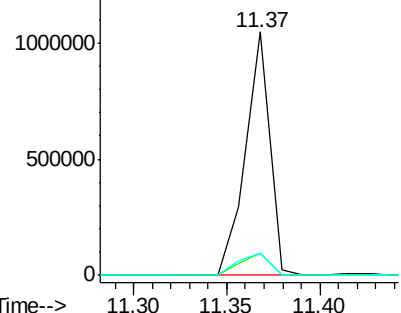
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.0	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

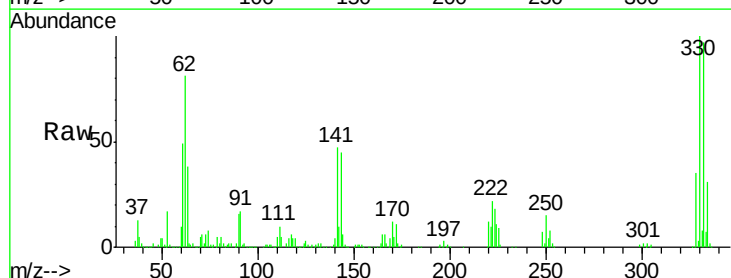
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.56 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

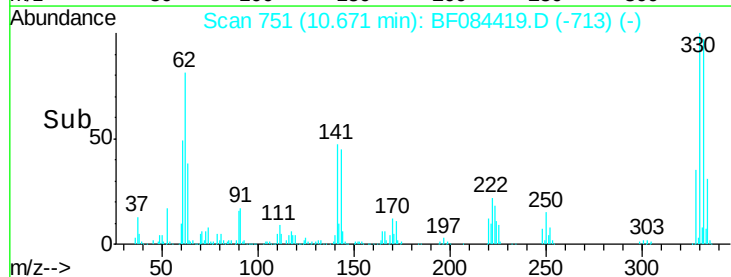
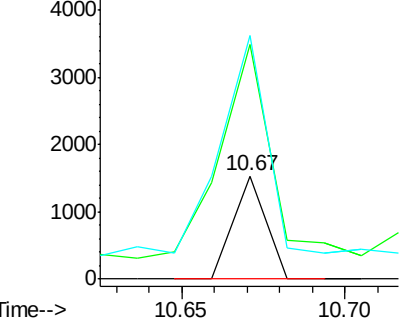
Tgt Ion	Ratio	Lower	Upper
198	100		
51	227.4	18.9	58.9#
105	236.0	26.4	66.4#

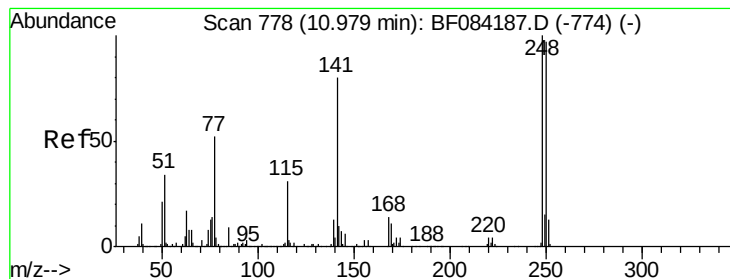


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.85 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.31 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-17

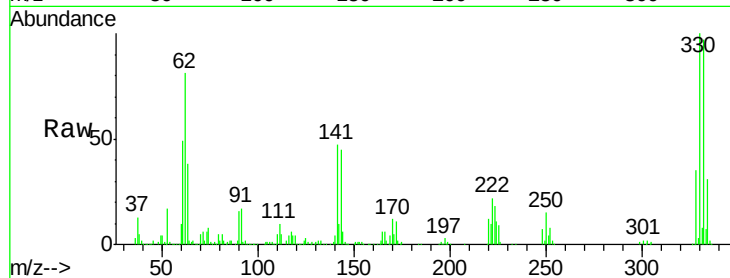
Tgt Ion:248 Resp: 38989

Ion Ratio Lower Upper

248 100

250 206.2 78.4 117.6#

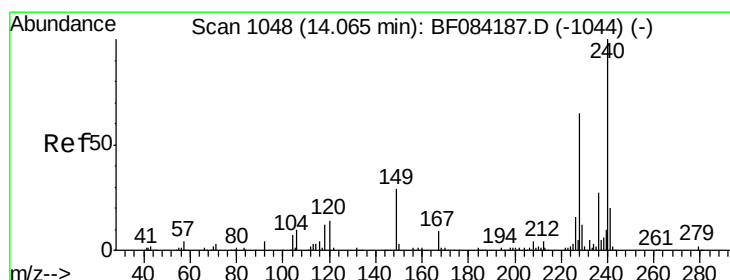
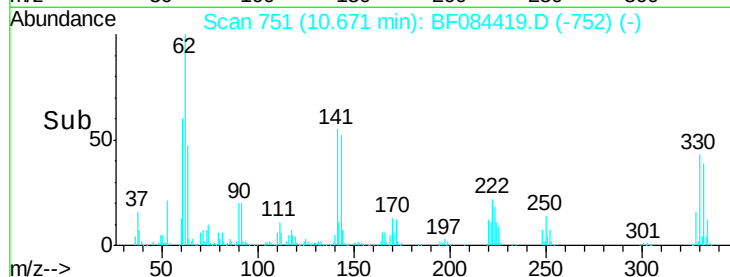
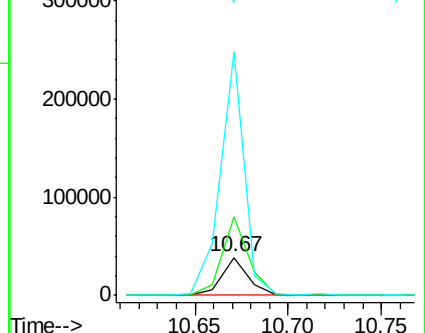
141 639.1 44.0 66.0#



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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

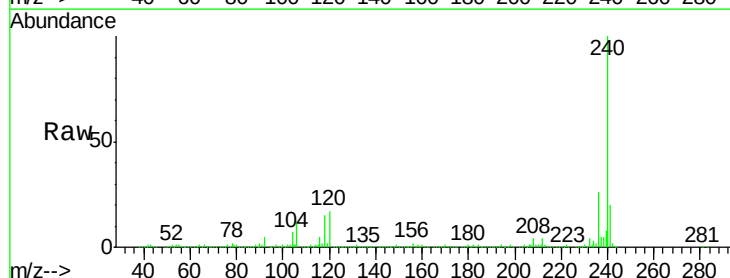
Tgt Ion:240 Resp: 644003

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

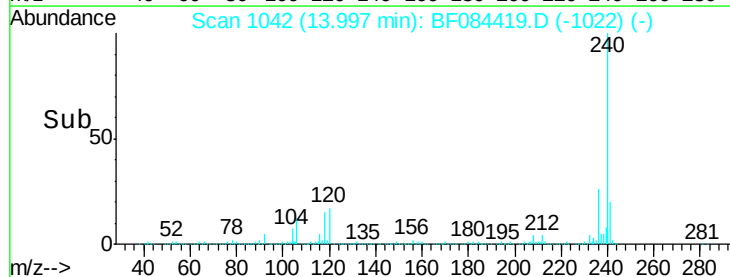
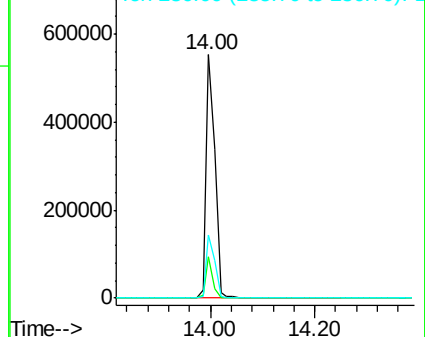
236 26.0 20.6 31.0

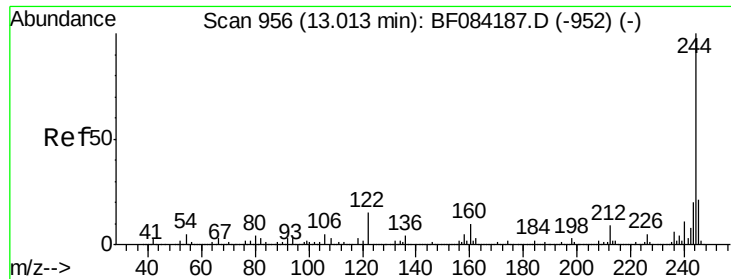


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

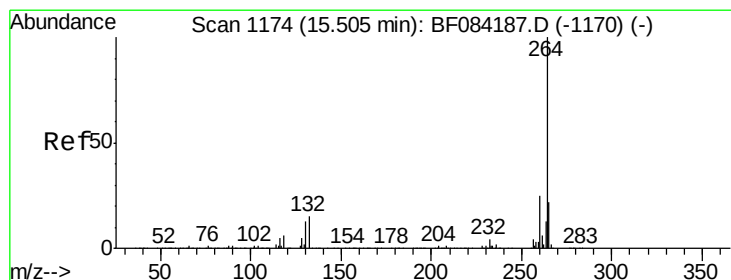
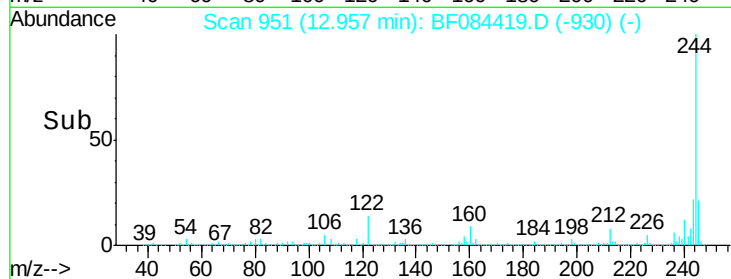
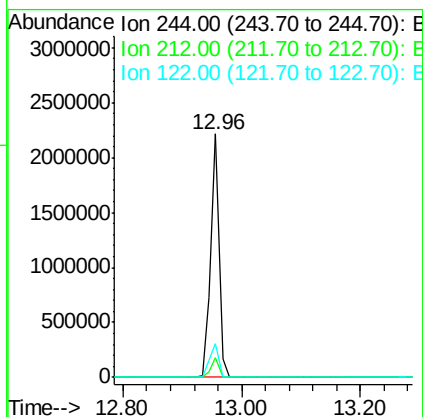
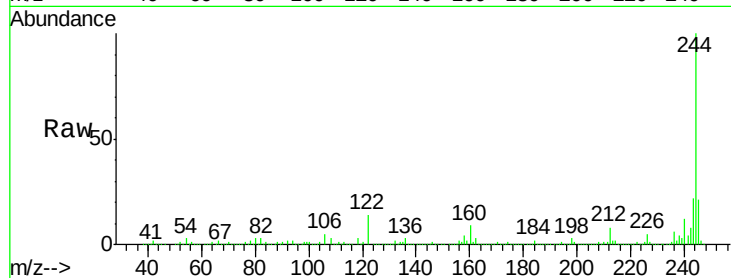




#78
 Terphenyl-d14
 Concen: 74.76 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

Tgt Ion:244 Resp: 2156962
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Tgt Ion:264 Resp: 517090
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.8 17.8 26.6

