

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092694.D
 Acq On : 31 Jan 2017 21:19
 Operator : SJ/MA
 Sample : I1596-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Quant Time: Feb 01 00:21:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

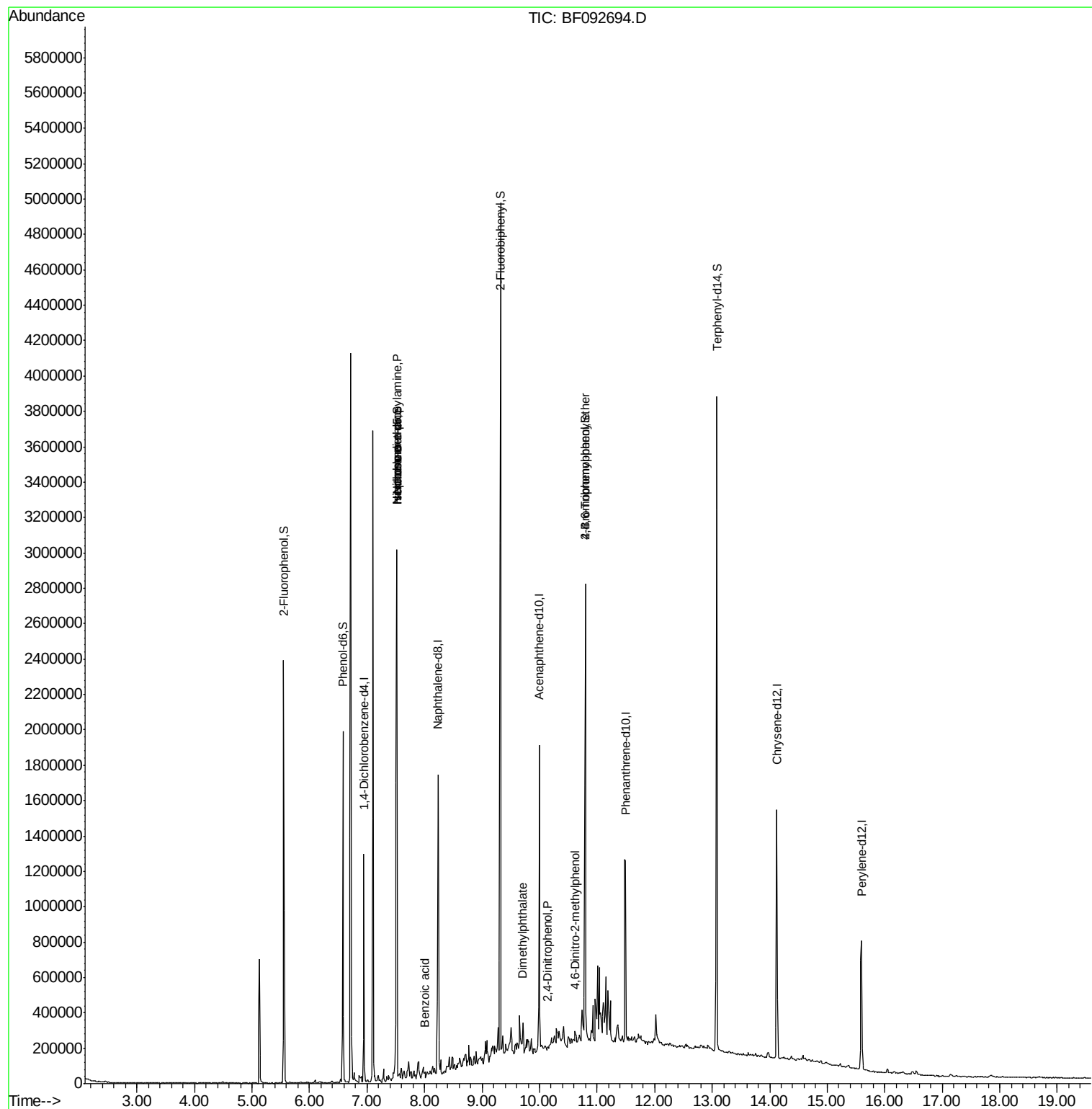
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	179046	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	712130	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	360923	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	589131	20.00	ng	0.00
75) Chrysene-d12	14.12	240	482535	20.00	ng	-0.02
86) Perylene-d12	15.60	264	381448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	706689	67.72	ng	-0.02
7) Phenol-d6	6.58	99	624867	46.53	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1150464	89.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	350563	134.29	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1921769	96.46	ng	-0.01
78) Terphenyl-d14	13.08	244	1679075	81.76	ng	0.00
Target Compounds						
18) Hexachloroethane	7.52	117	18163	3.90	ng	# 5
19) n-Nitroso-di-n-propylamine	7.52	70	161061	18.84	ng	# 79
25) Isophorone	7.52	82	1081432	45.38	ng	# 65
32) Benzoic acid	8.01	122	1544	7.38	ng	# 57
49) Dimethylphthalate	9.71	163	51455	2.12	ng	# 98
53) 2,4-Dinitrophenol	10.14	184	496	4.91	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	765	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	27125	4.41	ng	# 1

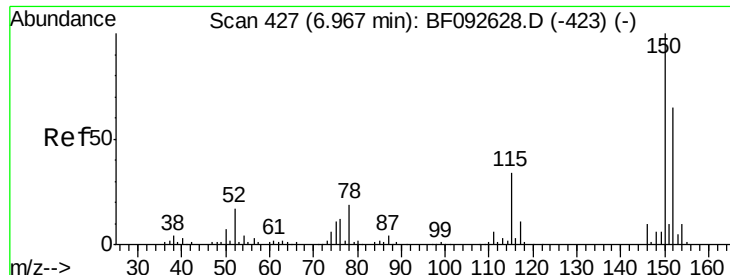
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092694.D

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BNA_F

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ULMW-01

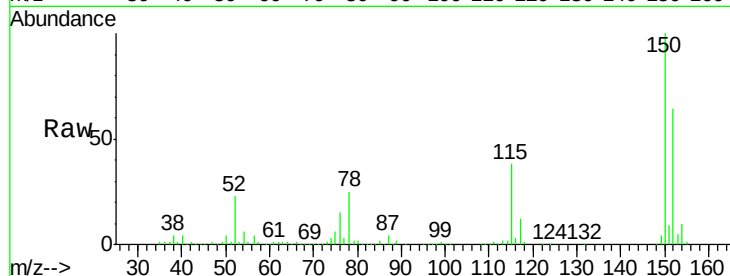
Tgt Ion:152 Resp: 179046

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

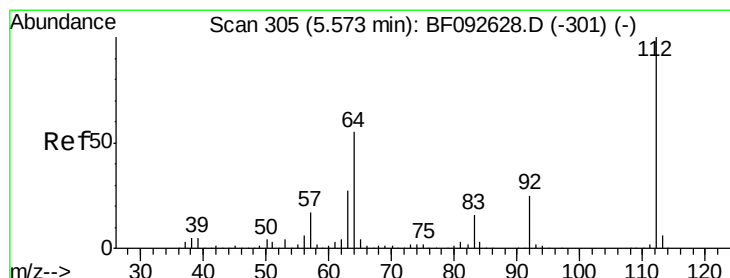
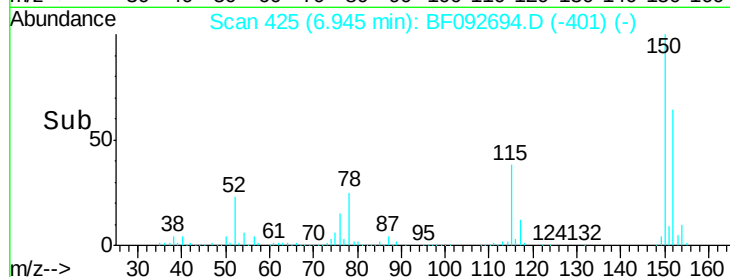
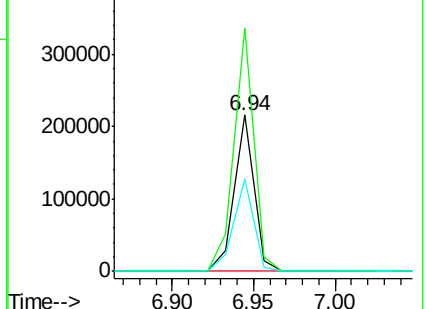
115 59.0 46.0 69.0



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: 67.72 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

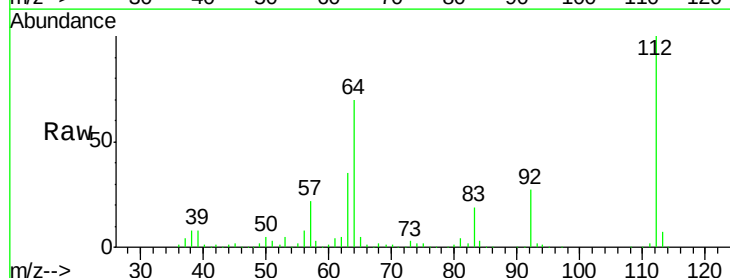
Tgt Ion:112 Resp: 706689

Ion Ratio Lower Upper

112 100

64 69.8 46.1 69.1#

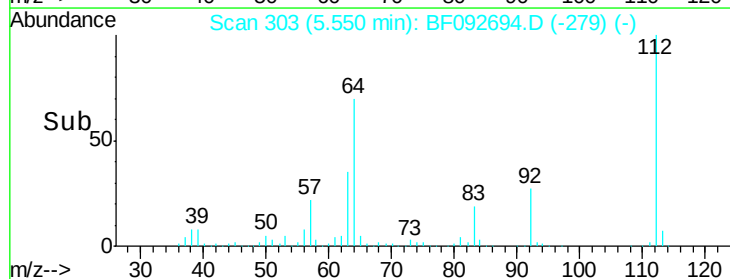
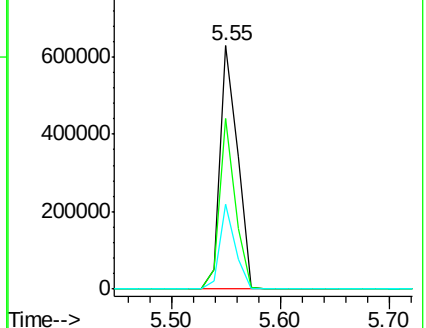
63 34.9 23.8 35.6

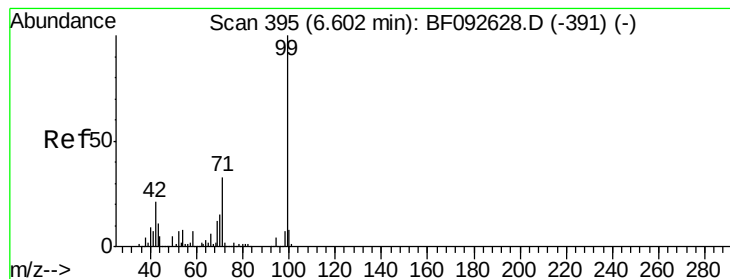


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.53 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

Instrument :

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ClientSampleId :

ULMW-01

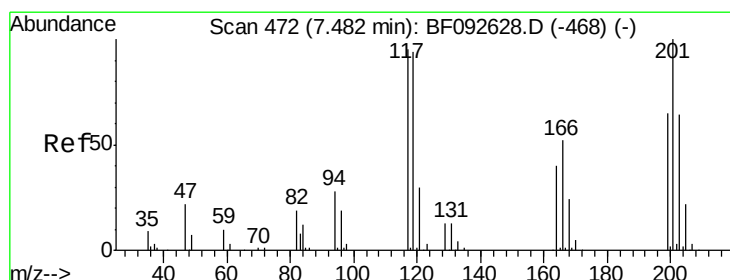
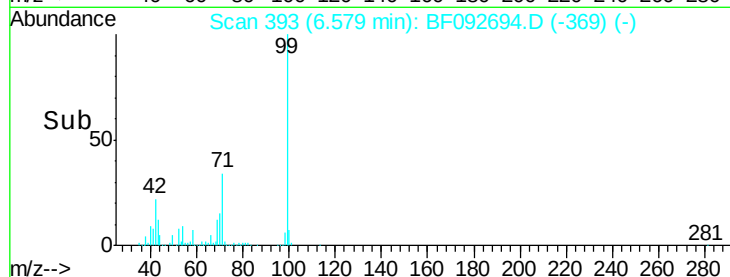
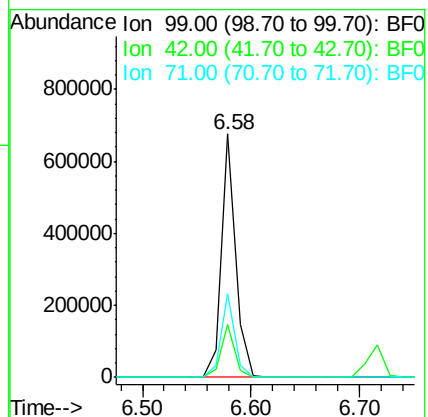
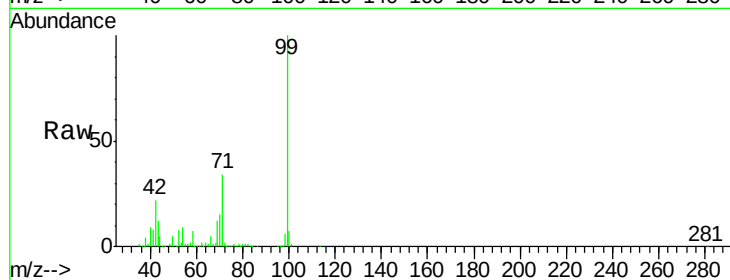
Tgt Ion: 99 Resp: 624867

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

71 34.4 27.5 41.3



#18

Hexachloroethane

Concen: 3.90 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.03 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

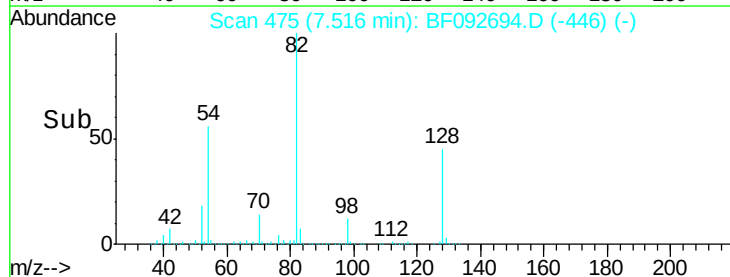
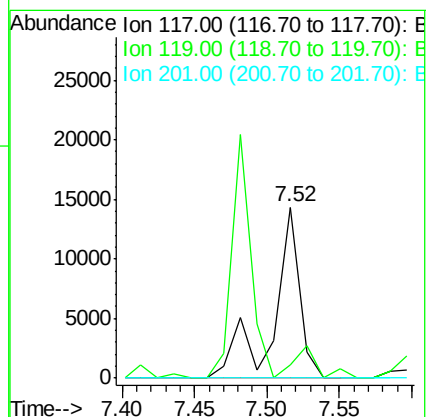
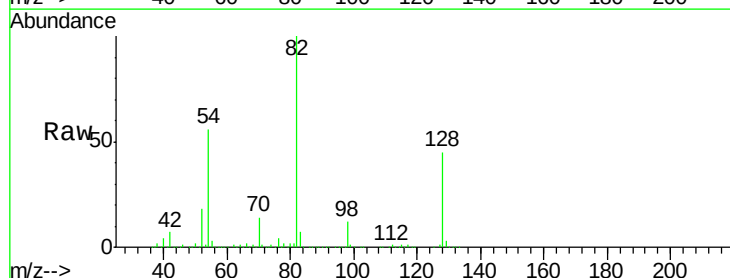
Tgt Ion: 117 Resp: 18163

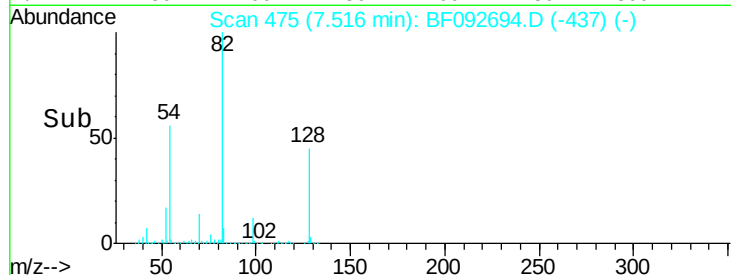
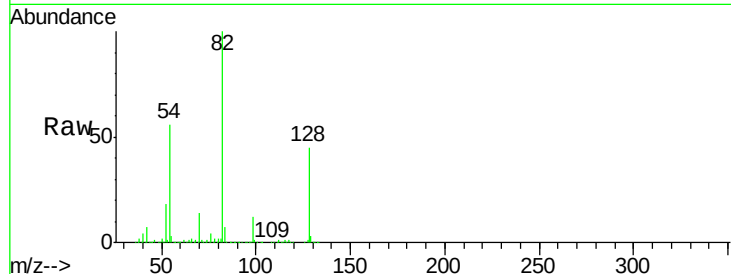
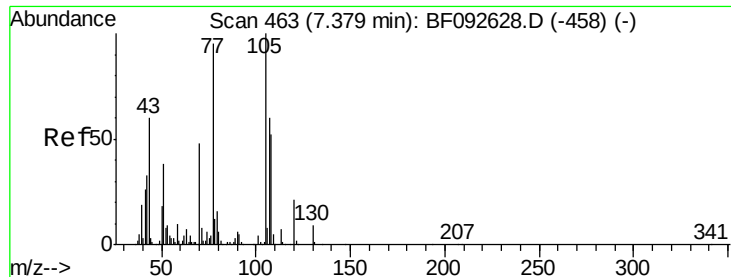
Ion Ratio Lower Upper

117 100

119 8.0 78.1 117.1#

201 0.0 78.6 117.8#

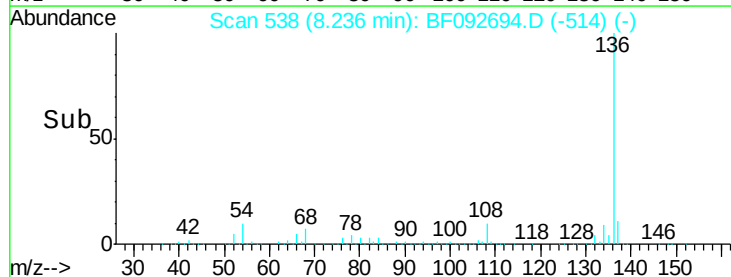
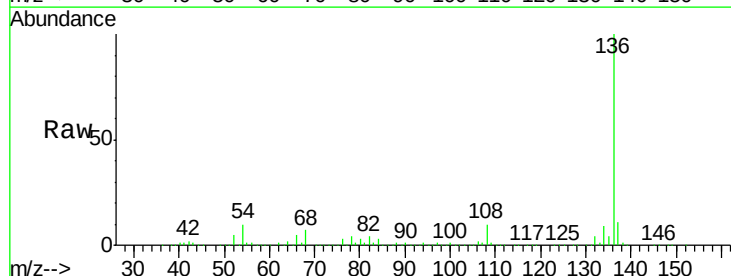
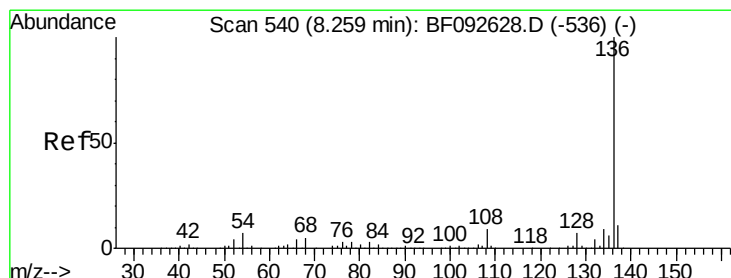
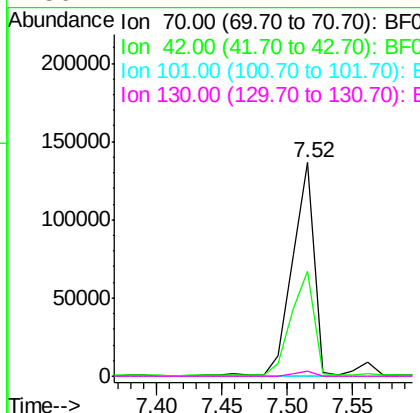




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092694.D
Acq: 31 Jan 2017 21:19

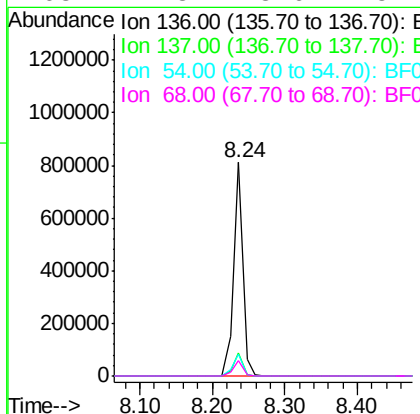
Instrument :
BNA_F
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ULMW-01

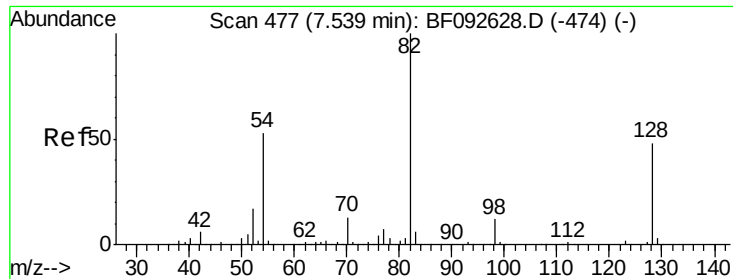
Tgt Ion: 70 Resp: 161061
Ion Ratio Lower Upper
70 100
42 49.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092694.D
Acq: 31 Jan 2017 21:19

Tgt Ion: 136 Resp: 712130
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.4 4.5 6.7#
68 7.3 3.6 5.4#

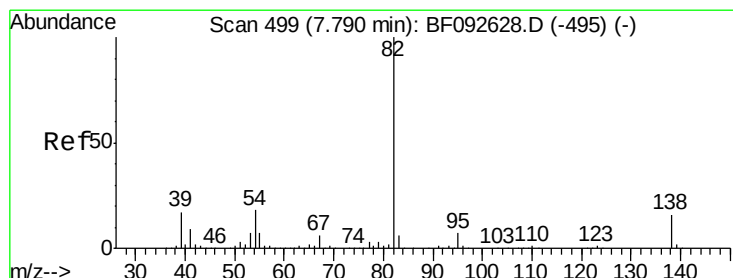
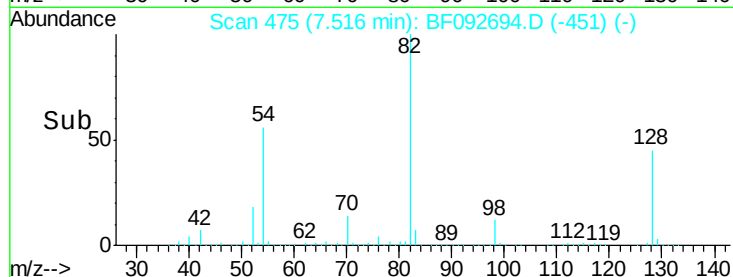
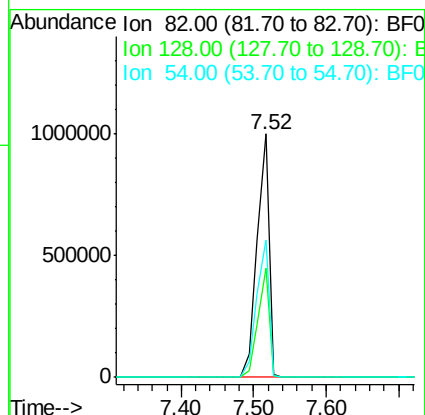
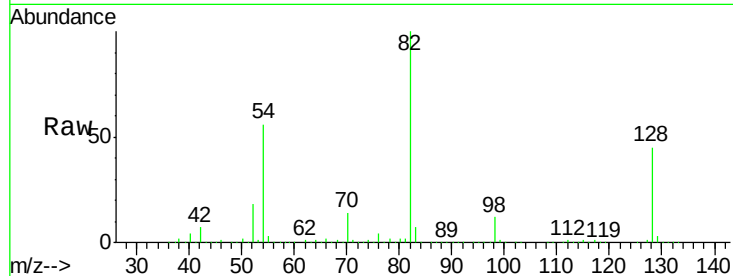




#23
 Nitrobenzene-d5
 Concen: 89.96 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

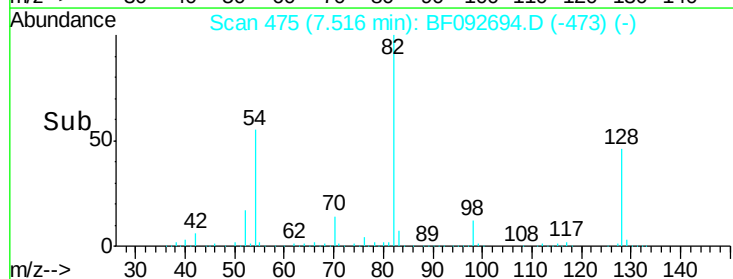
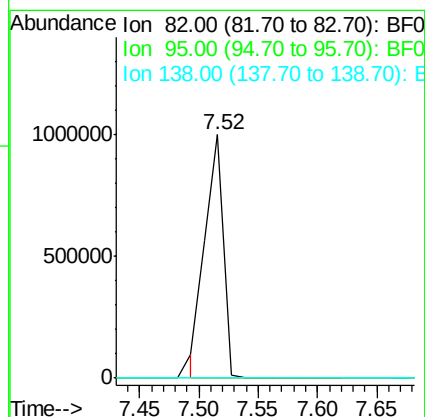
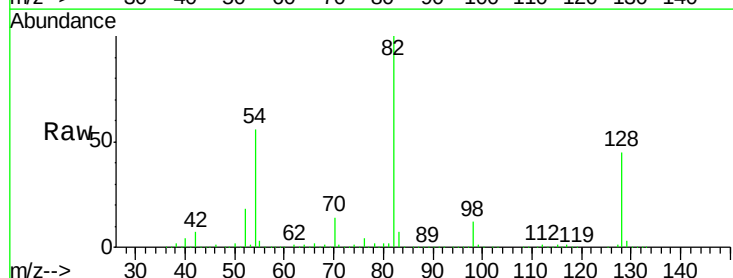
Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

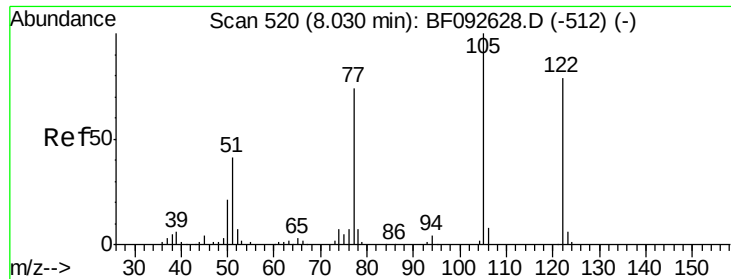
Tgt Ion: 82 Resp: 1150464
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 56.4 39.5 59.3



#25
 Isophorone
 Concen: 45.38 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.27 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

Tgt Ion: 82 Resp: 1081432
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 7.38 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

Instrument :

BNA_F

ClientSampleId :

ULMW-01

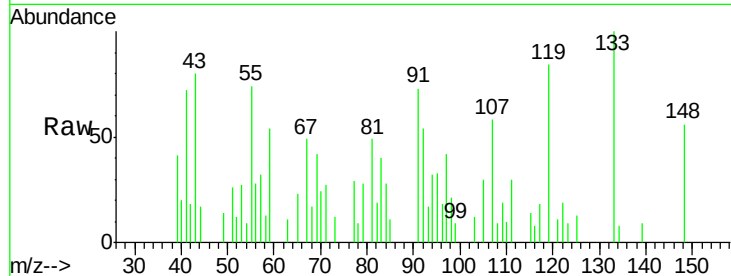
Tgt Ion:122 Resp: 1544

Ion Ratio Lower Upper

122 100

105 159.6 107.2 147.2#

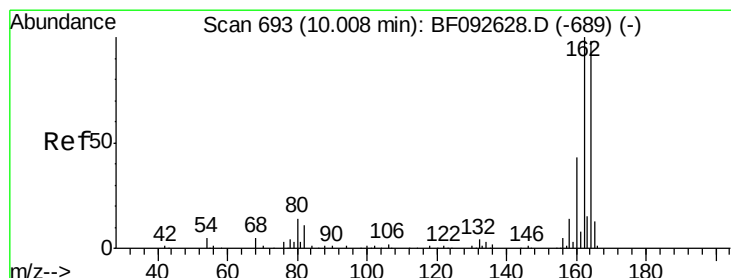
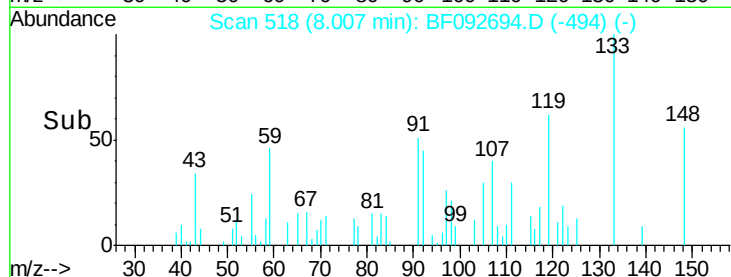
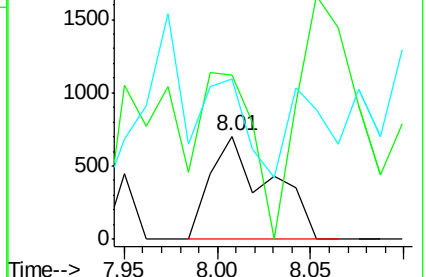
77 156.3 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

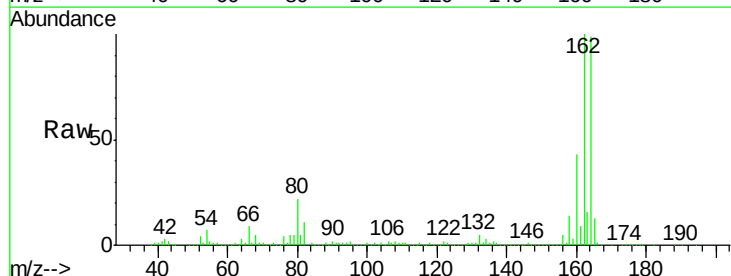
Tgt Ion:164 Resp: 360923

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

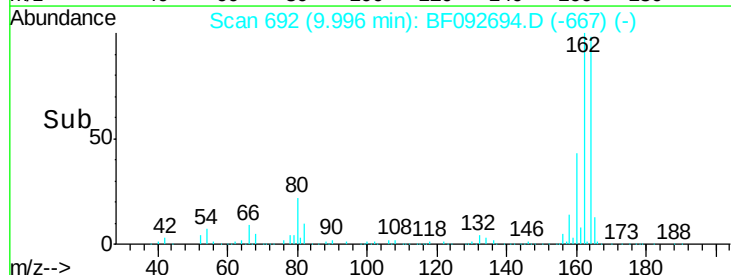
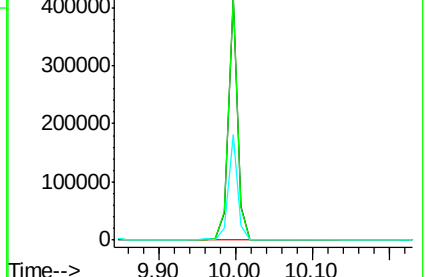
160 43.7 36.9 55.3

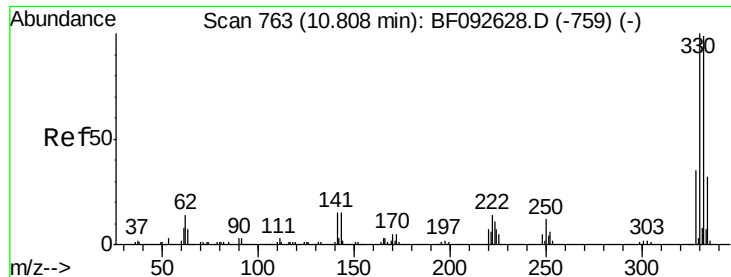


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

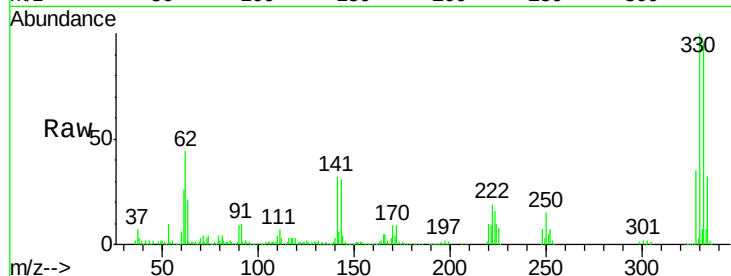




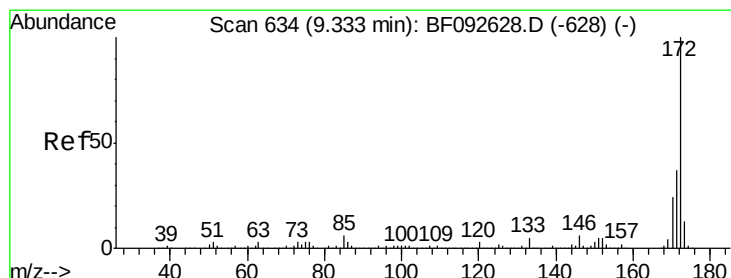
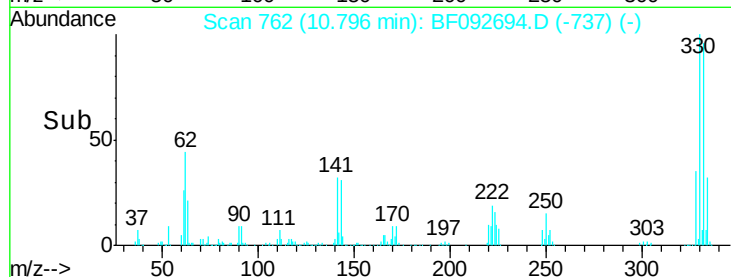
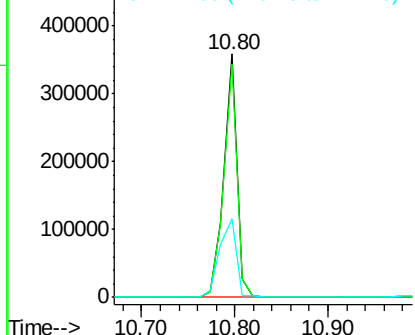
#41
 2,4,6-Tribromophenol
 Concen: 134.29 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tgt Ion:330 Resp: 350563
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 40.3 34.1 51.1

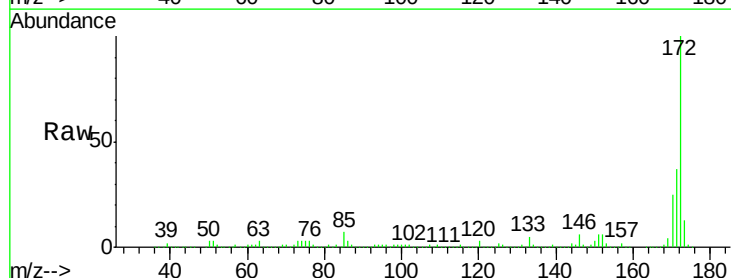


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

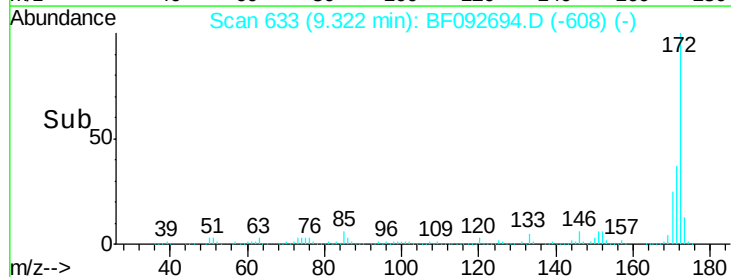
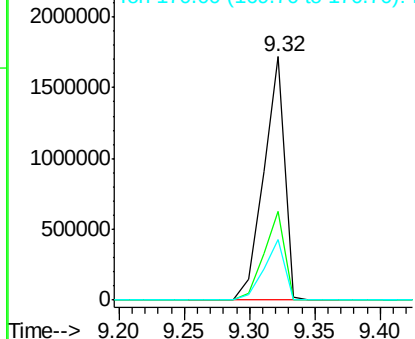


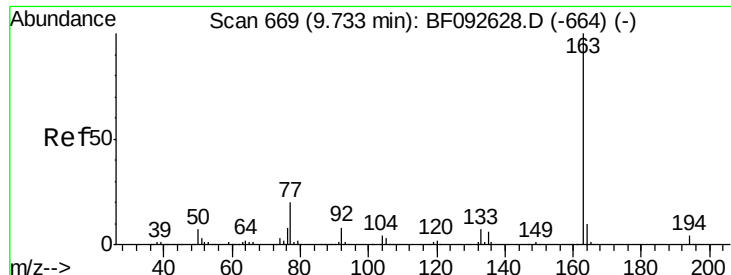
#44
 2-Fluorobiphenyl
 Concen: 96.46 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

Tgt Ion:172 Resp: 1921769
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4



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

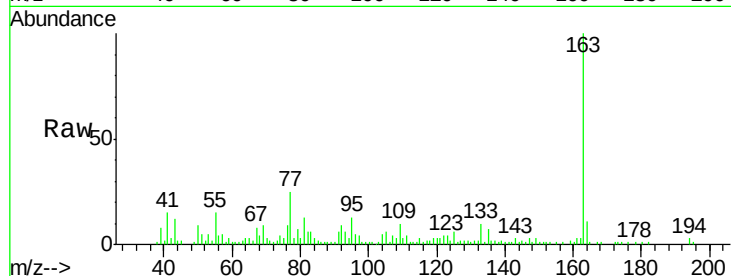




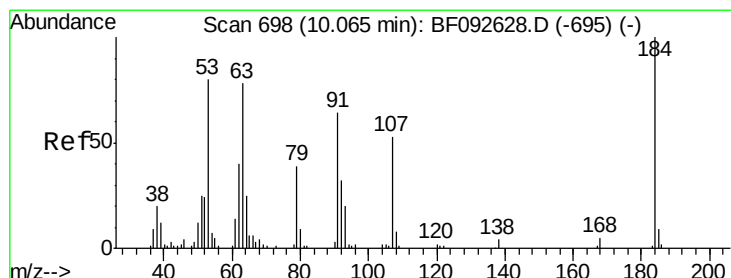
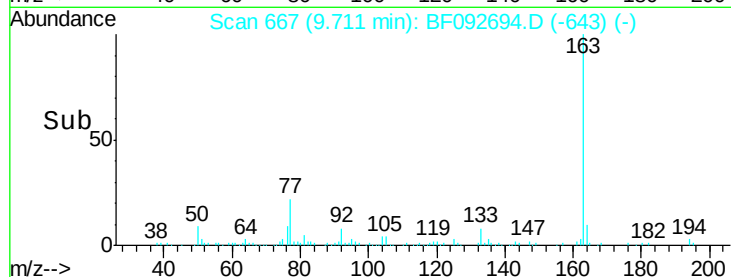
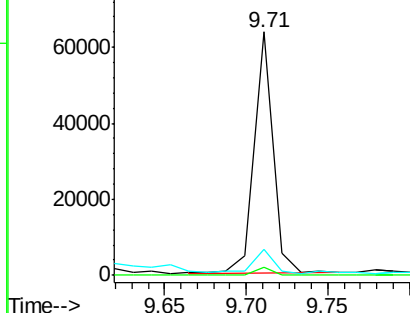
#49
Dimethylphthalate
Concen: 2.12 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092694.D
Acq: 31 Jan 2017 21:19

Instrument :
BNA_F
ClientSampleId :
ULMW-01

Tgt Ion:163 Resp: 51455
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

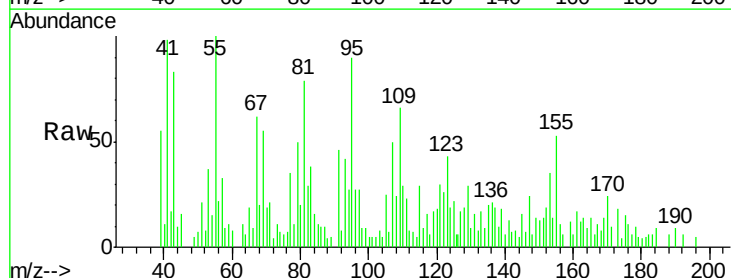


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

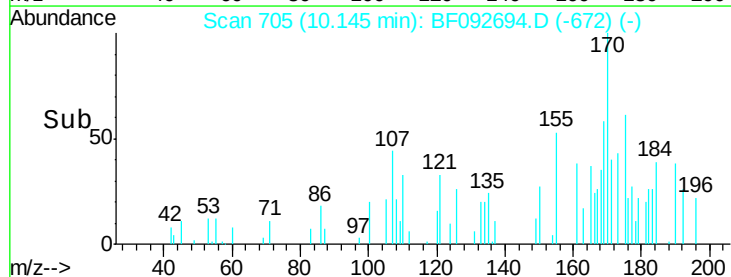
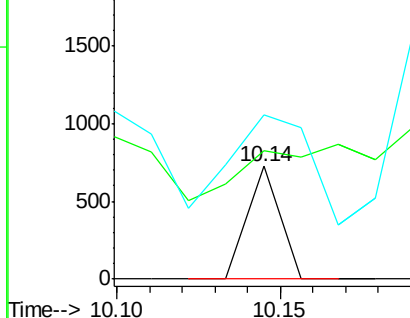


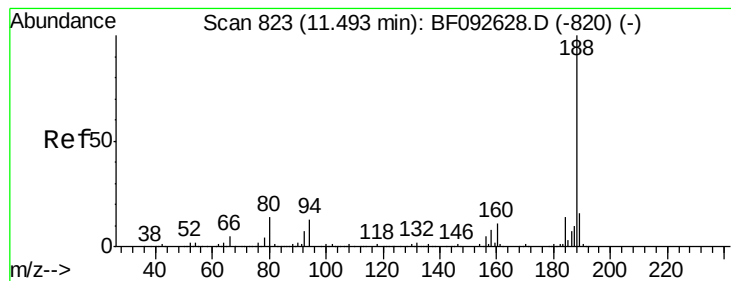
#53
2,4-Dinitrophenol
Concen: 4.91 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.08 min
Lab File: BF092694.D
Acq: 31 Jan 2017 21:19

Tgt Ion:184 Resp: 496
Ion Ratio Lower Upper
184 100
63 114.2 28.4 42.6#
154 146.2 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

Instrument :

BNA_F

ClientSampleId :

ULMW-01

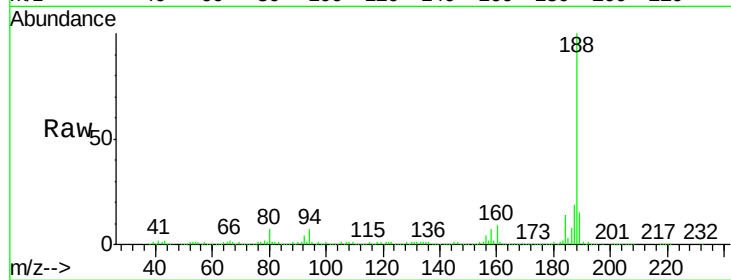
Tgt Ion:188 Resp: 589131

Ion Ratio Lower Upper

188 100

94 7.0 10.0 15.0#

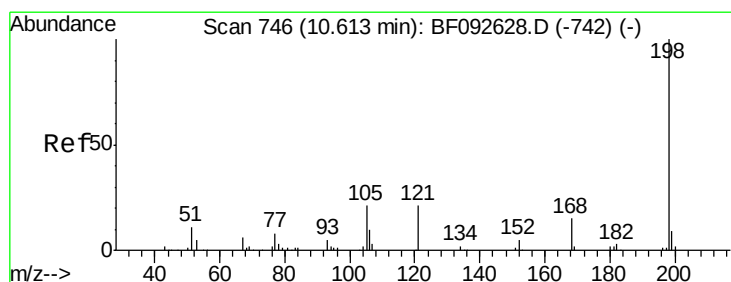
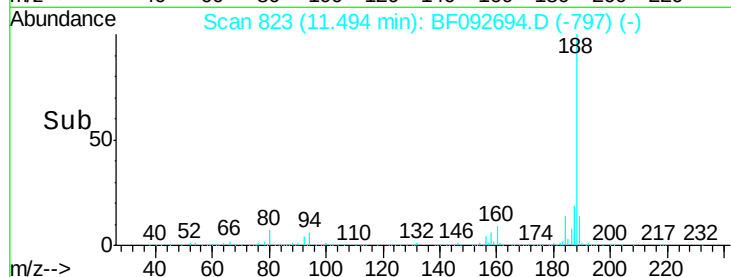
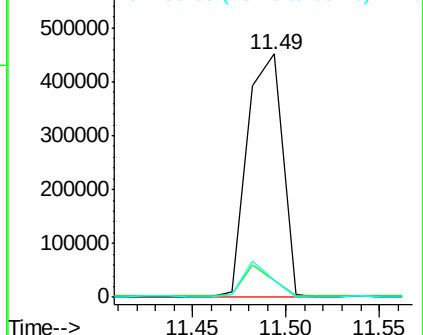
80 7.1 11.2 16.8#



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: 2.87 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

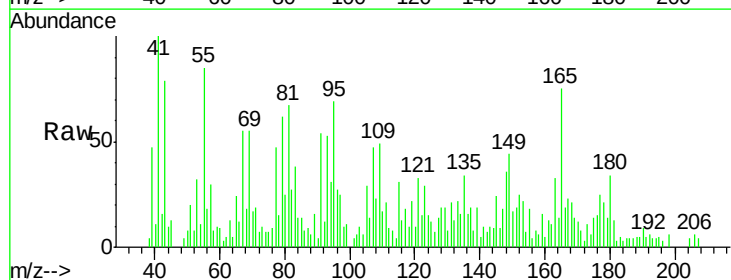
Tgt Ion:198 Resp: 765

Ion Ratio Lower Upper

198 100

51 334.6 6.7 46.7#

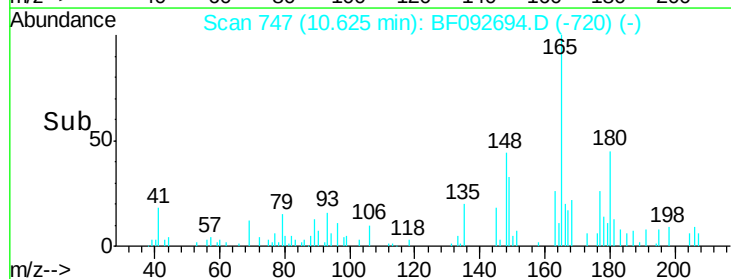
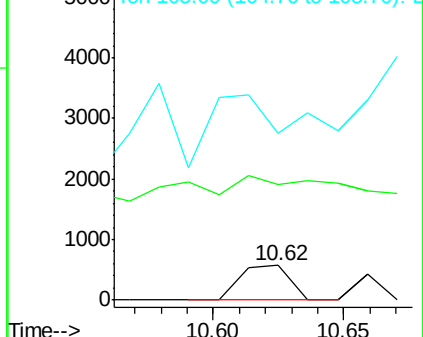
105 484.7 16.6 56.6#

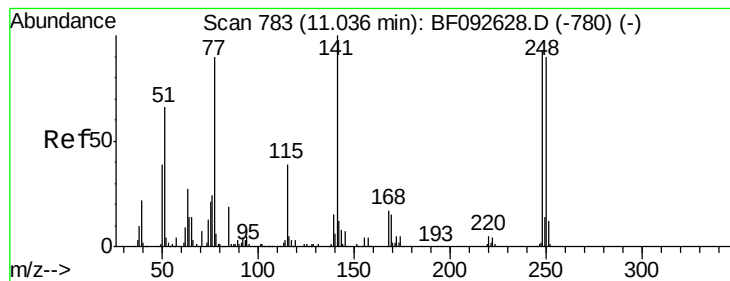


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.41 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

Instrument :

BNA_F

ClientSampleId :

ULMW-01

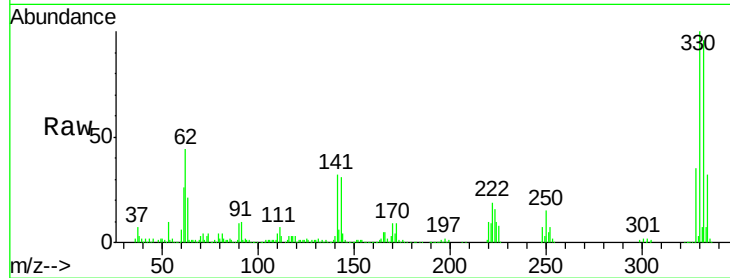
Tgt Ion:248 Resp: 27125

Ion Ratio Lower Upper

248 100

250 198.2 76.9 115.3#

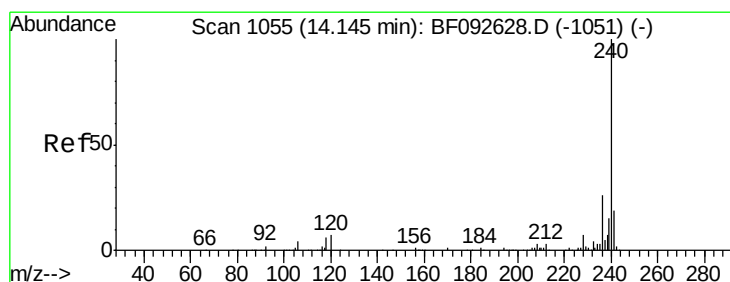
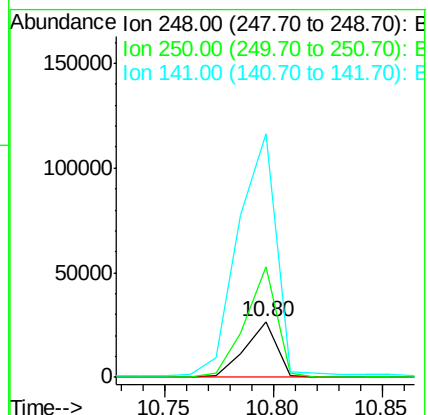
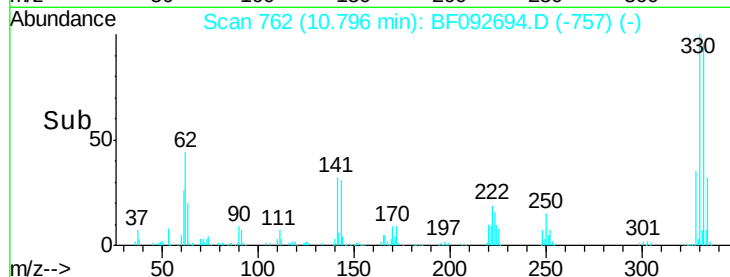
141 437.0 68.2 102.4#



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092694.D

Acq: 31 Jan 2017 21:19

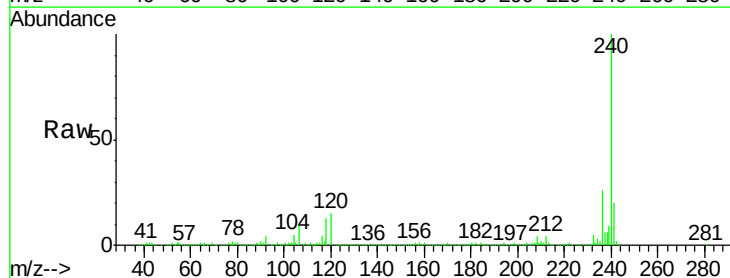
Tgt Ion:240 Resp: 482535

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

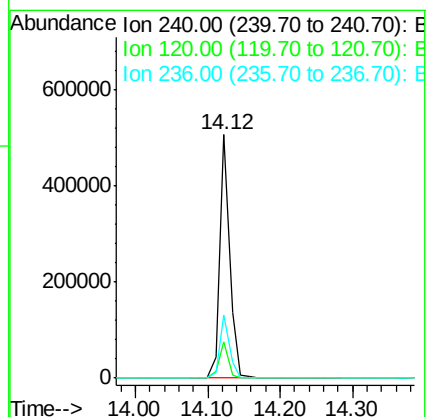
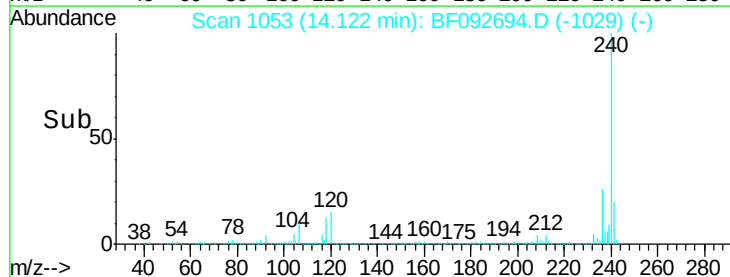
236 26.1 20.9 31.3

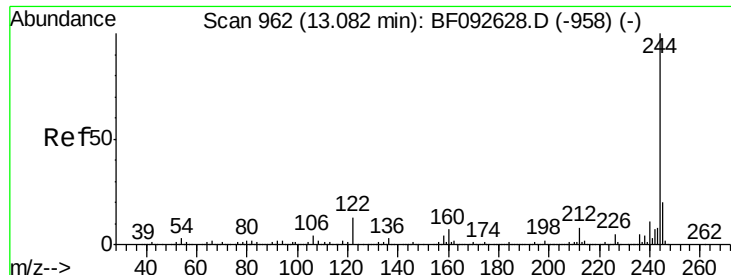


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

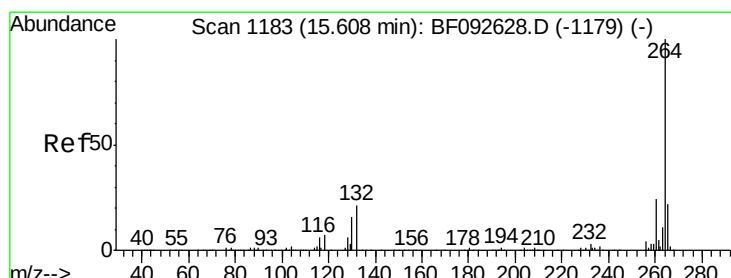
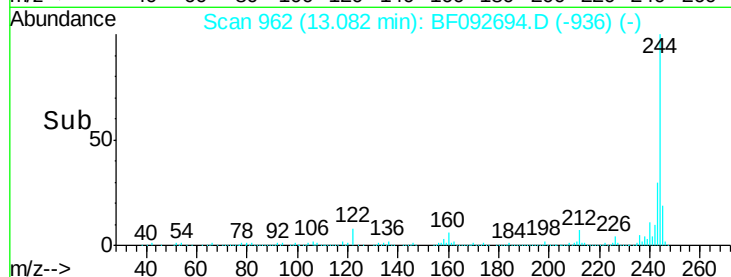
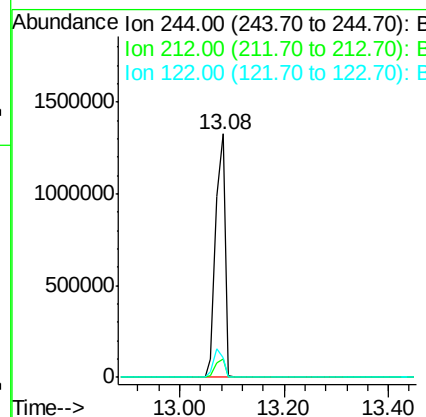
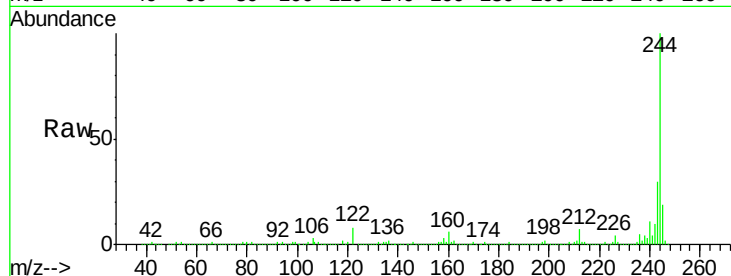




#78
 Terphenyl-d14
 Concen: 81.76 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tgt Ion:244 Resp: 1679075
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092694.D
 Acq: 31 Jan 2017 21:19

Tgt Ion:264 Resp: 381448
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.4 17.4 26.0

