

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085924.D
 Acq On : 31 Mar 2016 13:39
 Operator : UM/SJ
 Sample : H1954-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 31 21:44:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

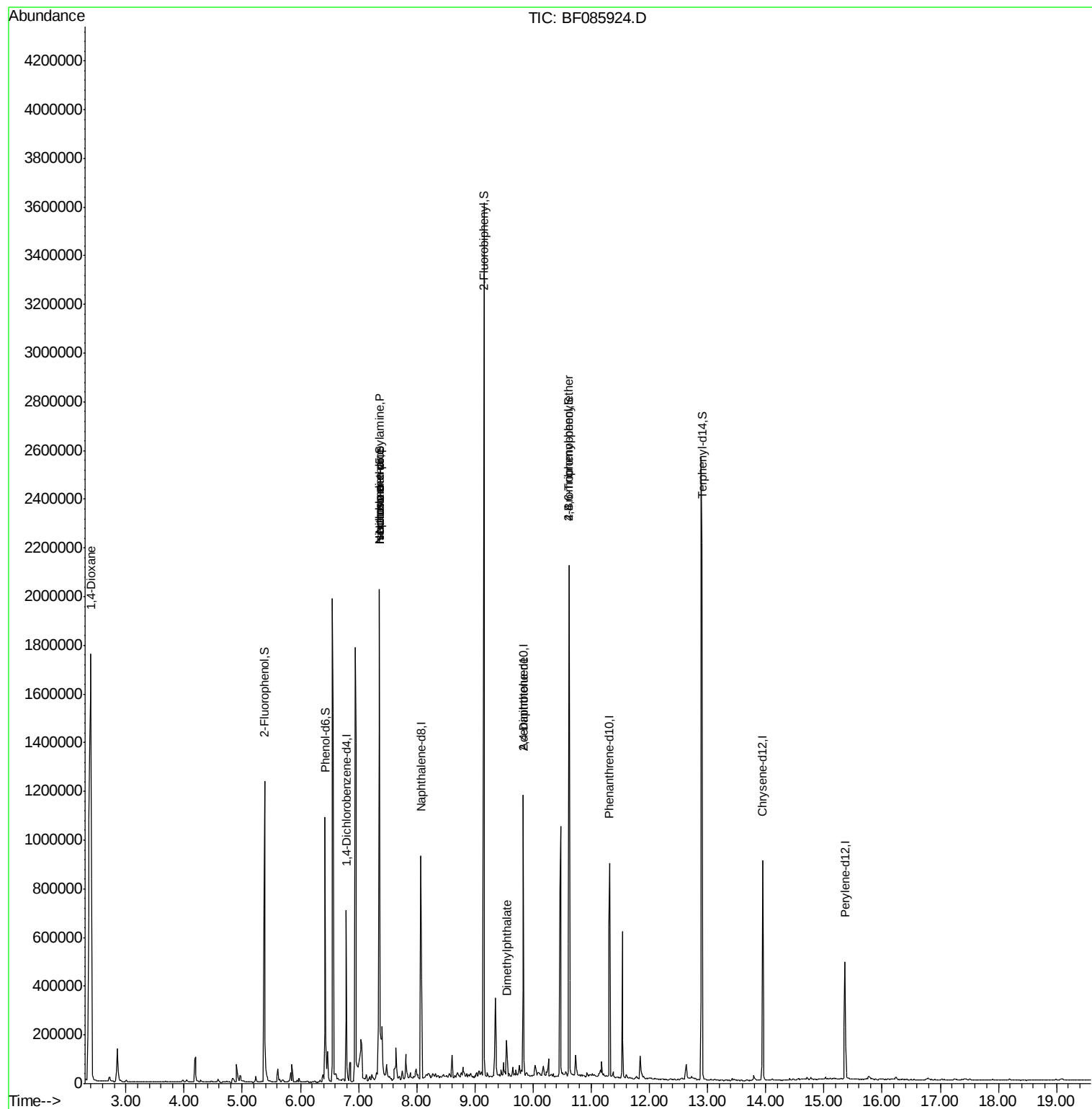
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116980	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	464282	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	233527	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	416625	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	301562	20.00	ng	-0.02
86) Perylene-d12	15.36	264	213110	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	478127	68.07	ng	-0.01
7) Phenol-d6	6.42	99	412661	46.21	ng	-0.02
23) Nitrobenzene-d5	7.36	82	755863	91.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	275370	124.11	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1225824	87.70	ng	-0.01
78) Terphenyl-d14	12.91	244	1208883	82.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.40	88	2090633	623.33	ng	96
18) Hexachloroethane	7.36	117	9334	2.86	ng	# 22
19) n-Nitroso-di-n-propylamine	7.36	70	102856	19.24	ng	# 83
25) Isophorone	7.36	82	734603	46.25	ng	# 68
49) Dimethylphthalate	9.54	163	65935	3.72	ng	98
56) 2,4-Dinitrotoluene	9.83	165	29842	6.16	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	18159	4.26	ng	# 1

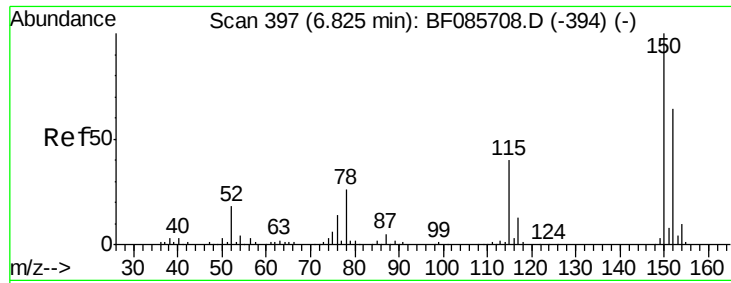
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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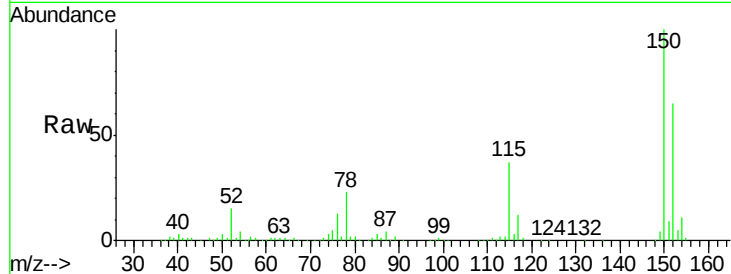


#1

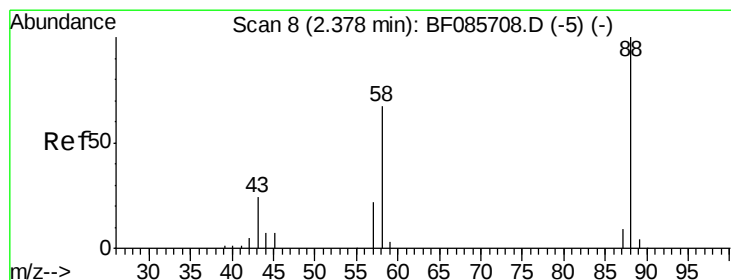
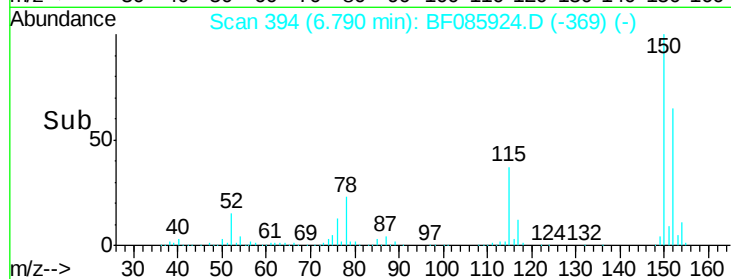
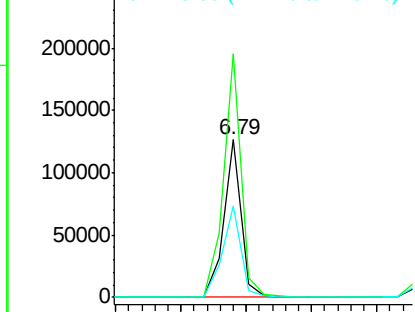
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Instrument :
BNA_F
ClientSampled :
MW-1

Tgt Ion:152 Resp: 116980
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 58.0 47.0 70.6



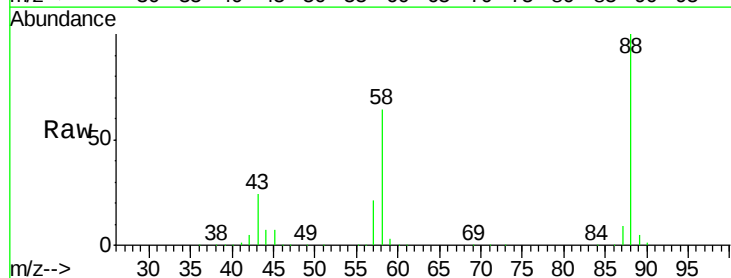
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



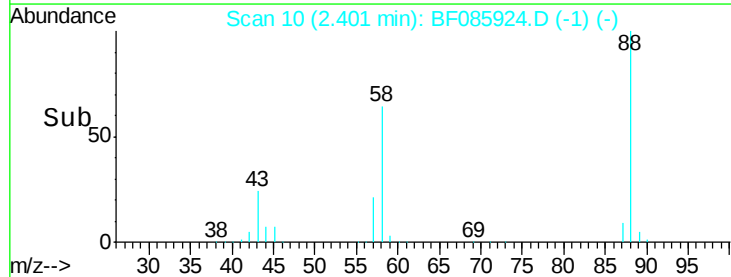
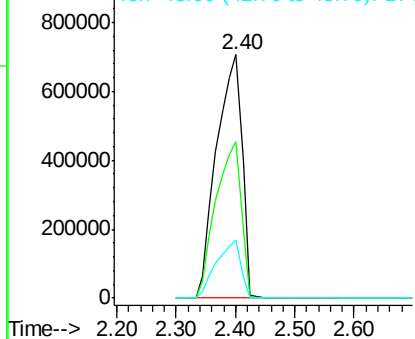
#2

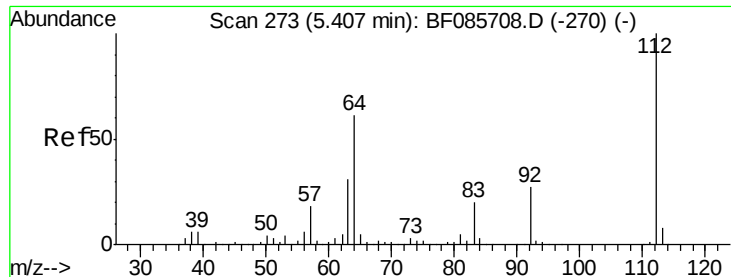
1,4-Dioxane
Concen: 623.33 ng
RT: 2.40 min Scan# 10
Delta R.T. 0.07 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Tgt Ion: 88 Resp: 2090633
Ion Ratio Lower Upper
88 100
58 64.3 54.2 81.2
43 22.8 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 68.07 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

MW-1

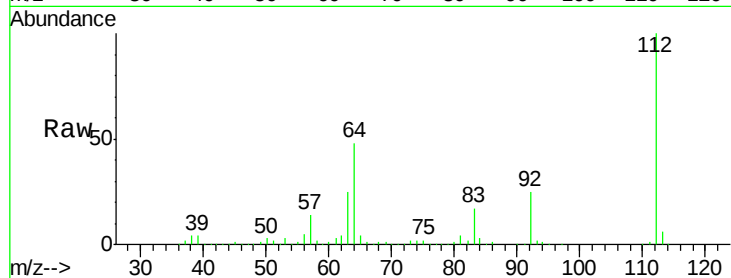
Tgt Ion: 112 Resp: 478127

Ion Ratio Lower Upper

112 100

64 47.8 39.9 59.9

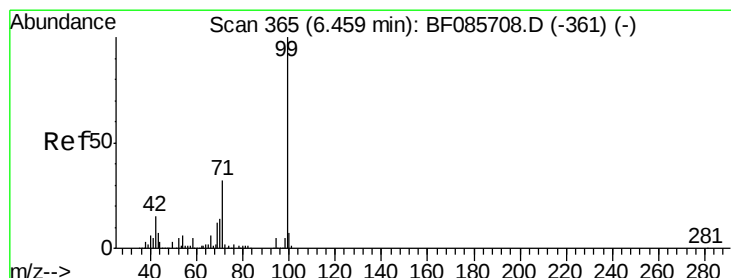
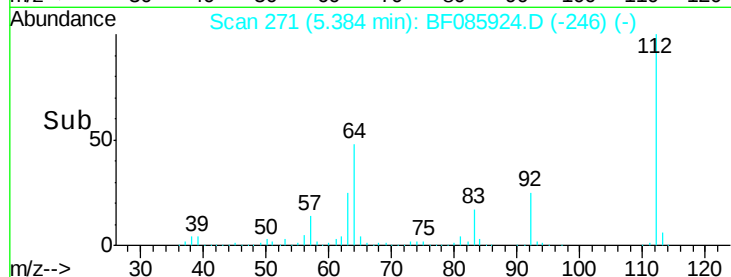
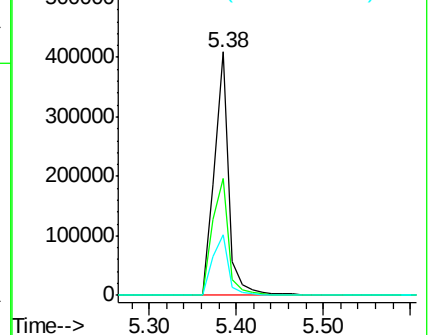
63 24.7 20.2 30.2



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: 46.21 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

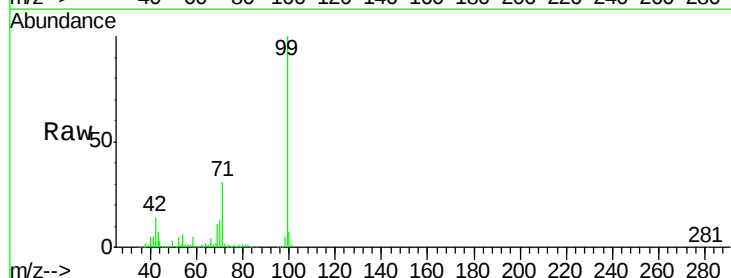
Tgt Ion: 99 Resp: 412661

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

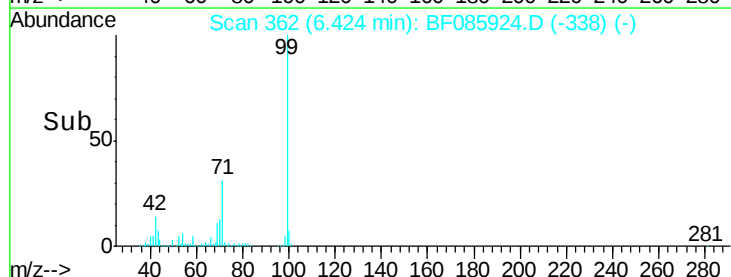
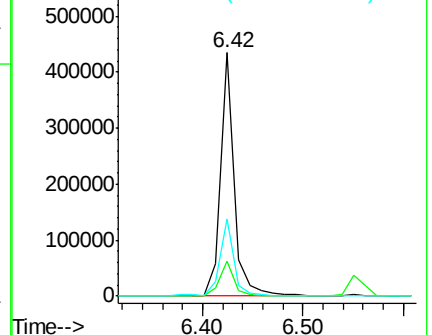
71 31.5 24.9 37.3

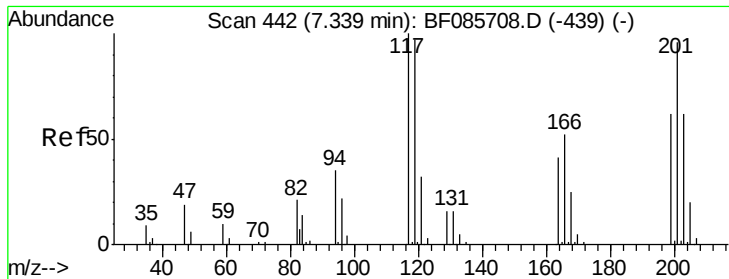


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

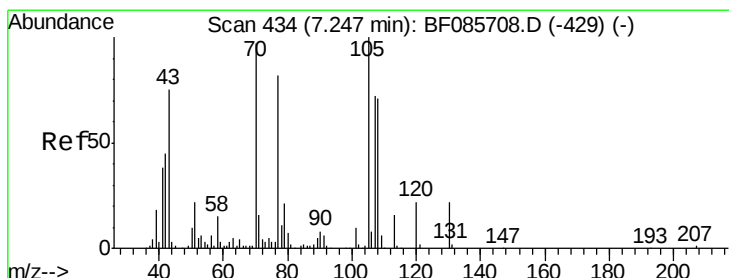
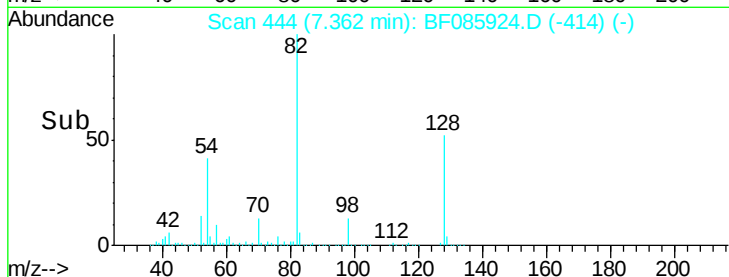
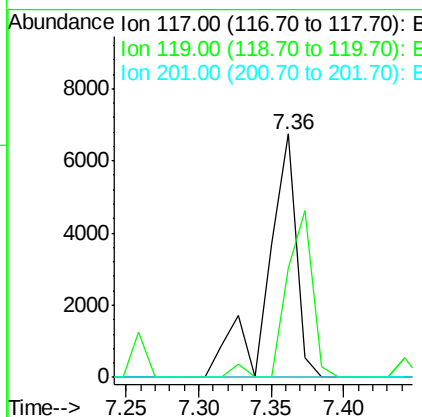
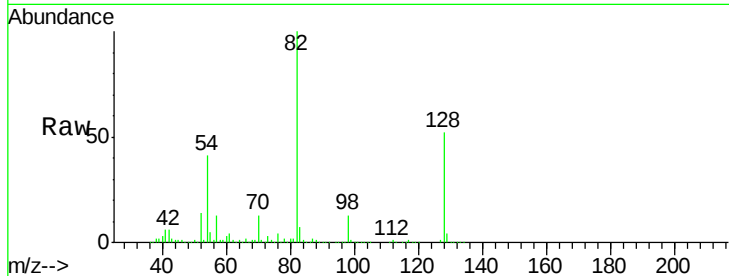




#18
Hexachloroethane
Concen: 2.86 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.05 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

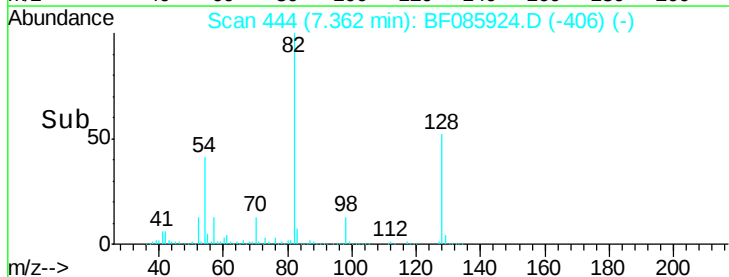
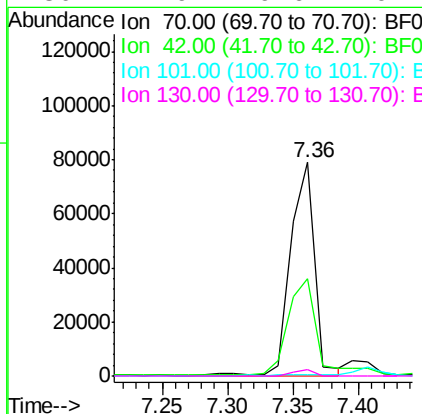
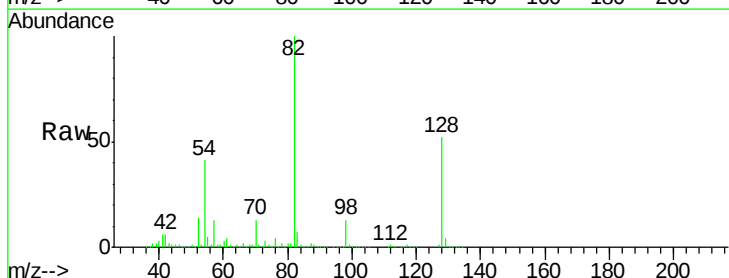
Instrument :
BNA_F
ClientSampled :
MW-1

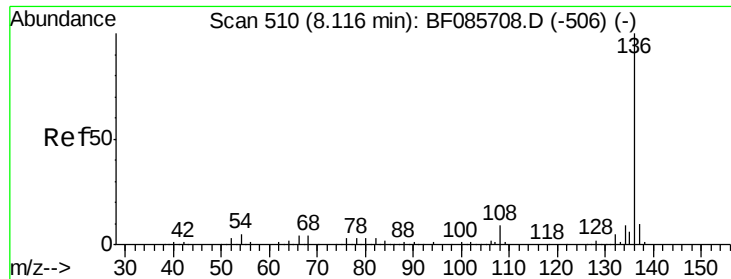
Tgt Ion: 117 Resp: 9334
Ion Ratio Lower Upper
117 100
119 44.9 76.7 115.1#
201 0.0 83.3 124.9#



#19
n-Nitroso-di-n-propylamine
Concen: 19.24 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Tgt Ion: 70 Resp: 102856
Ion Ratio Lower Upper
70 100
42 45.4 37.1 55.7
101 0.6 8.6 12.8#
130 2.9 19.6 29.4#

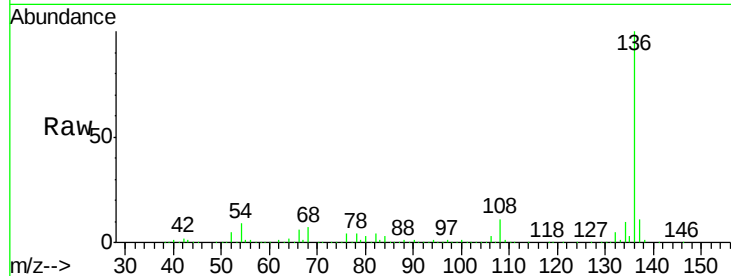




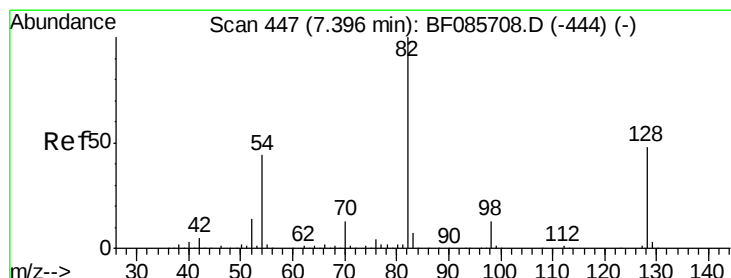
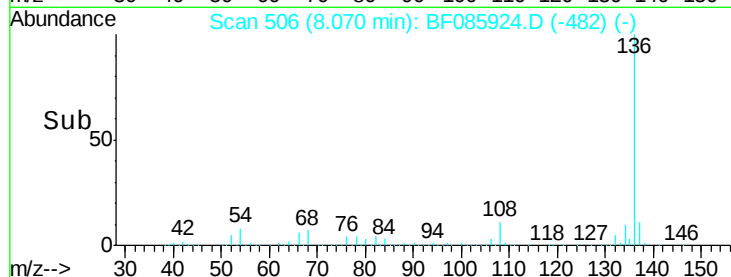
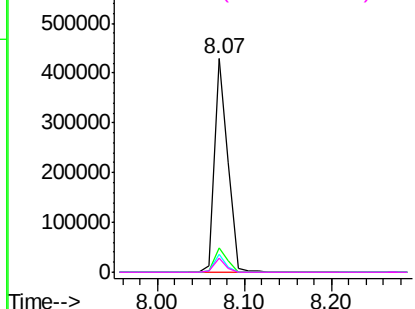
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:	136	Resp:	464282
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	7.4	11.0
68	6.8	5.8	8.8

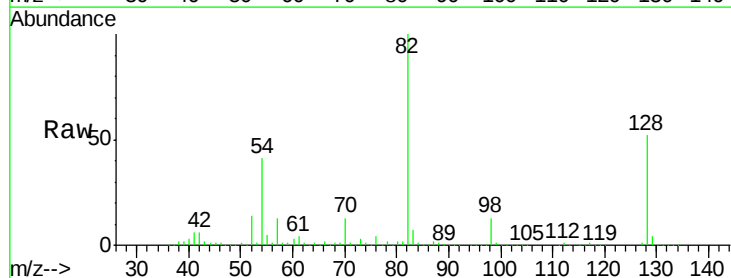


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

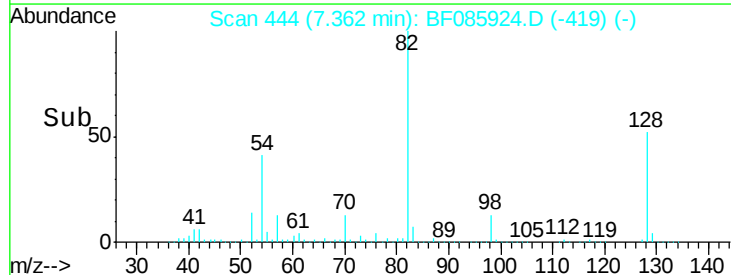
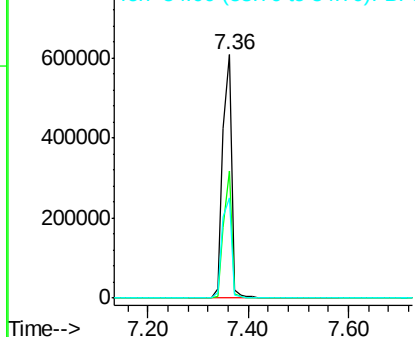


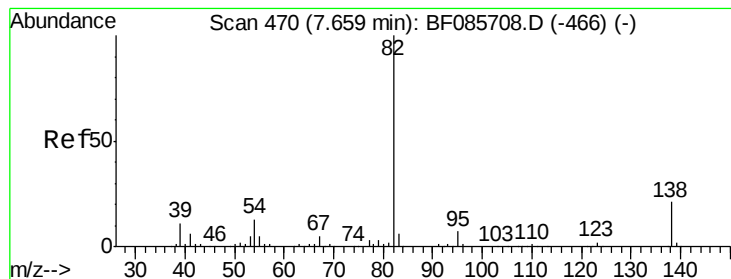
#23
Nitrobenzene-d5
Concen: 91.68 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Tgt Ion:	82	Resp:	755863
Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.8	62.8
54	41.1	33.4	50.0



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





#25

Isophorone

Concen: 46.25 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

Instrument :

BNA_F

ClientSampled :

MW-1

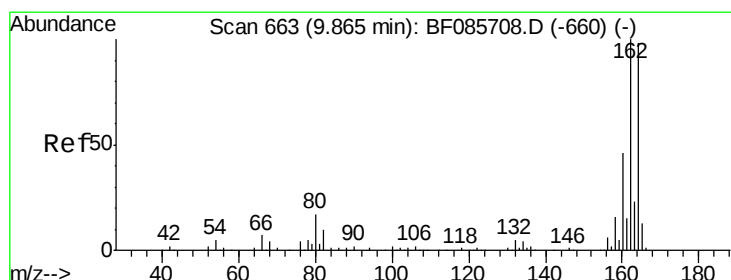
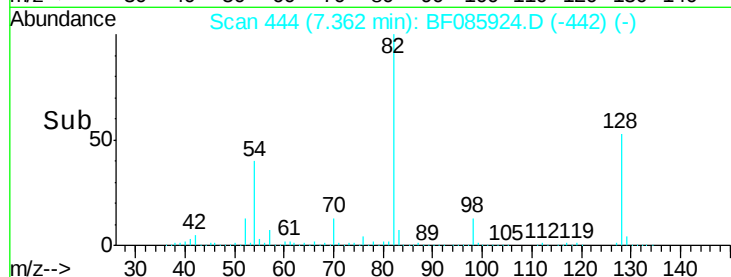
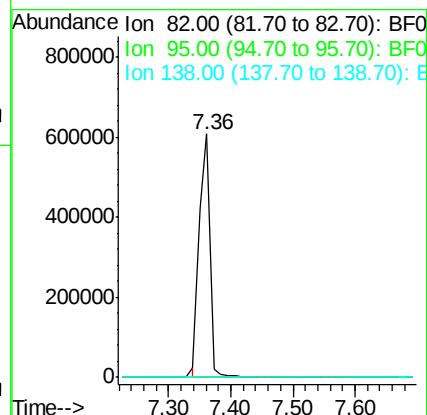
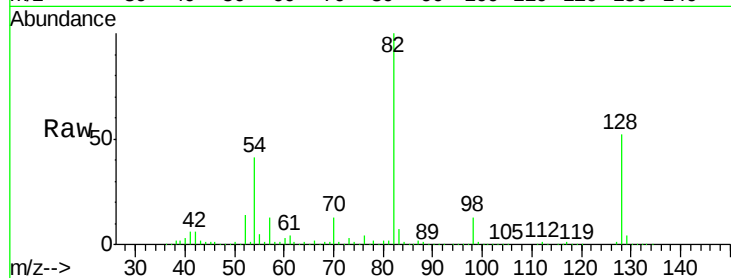
Tgt Ion: 82 Resp: 734603

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

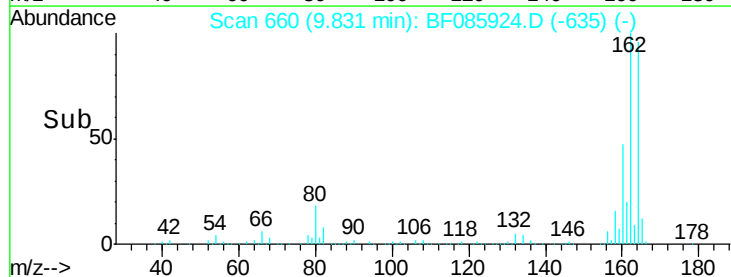
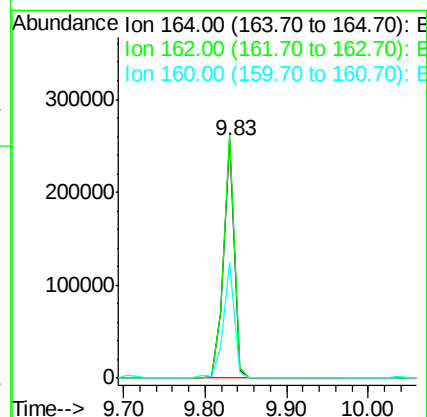
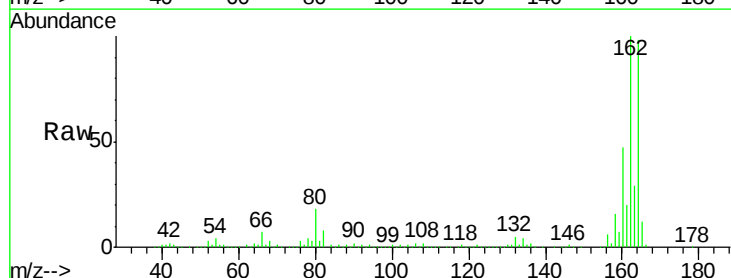
Tgt Ion: 164 Resp: 233527

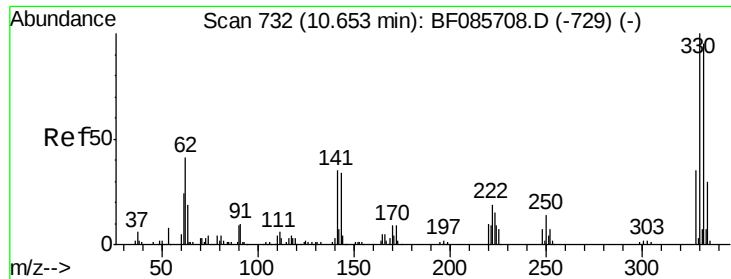
Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 48.3 37.4 56.2

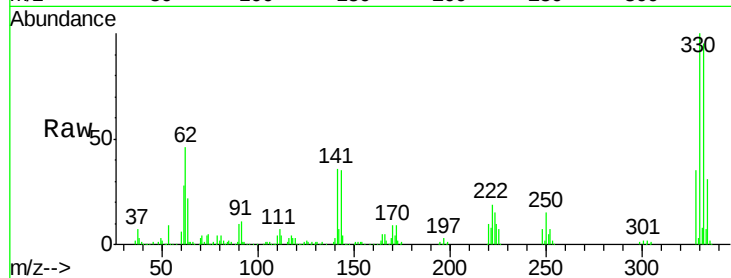




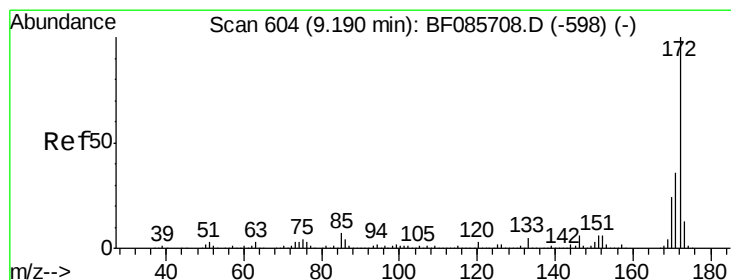
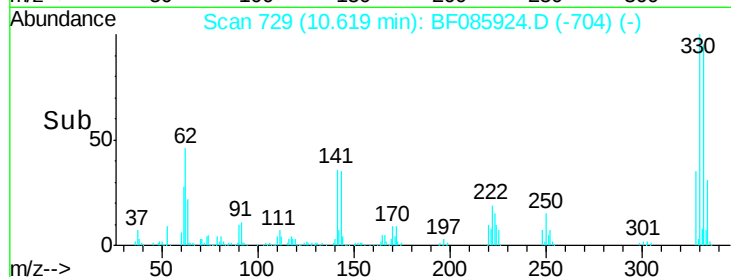
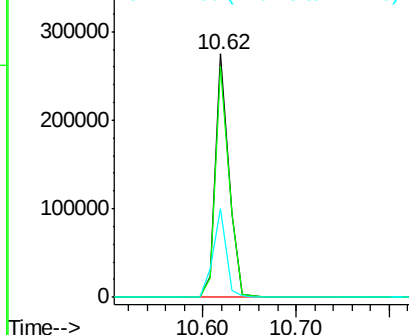
#41
 2,4,6-Tribromophenol
 Concen: 124.11 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085924.D
 Acq: 31 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 275370
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.2
 141 35.9 31.5 47.3

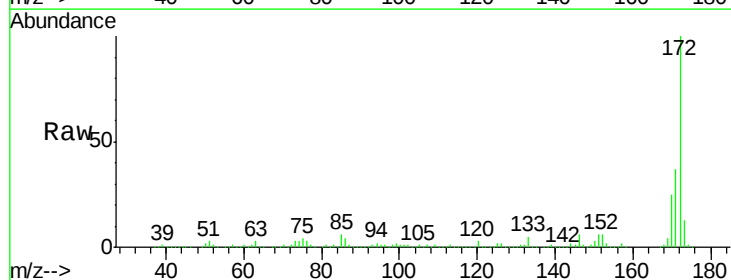


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

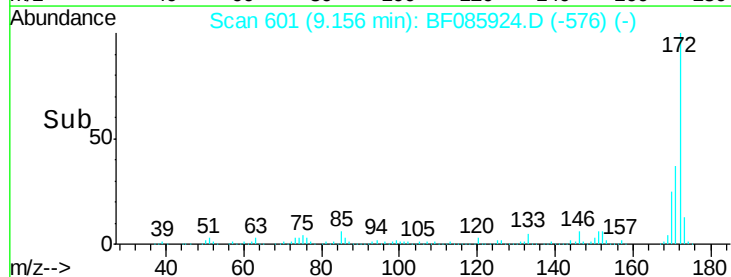
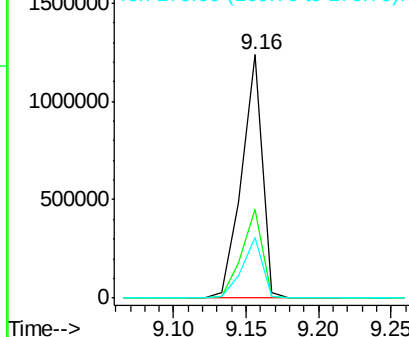


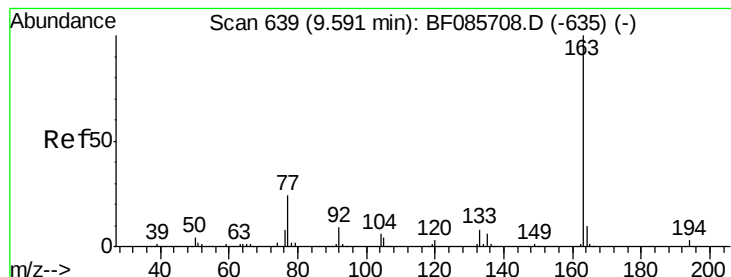
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085924.D
 Acq: 31 Mar 2016 13:39

Tgt Ion:172 Resp: 1225824
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.9 19.8 29.6



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: 3.72 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

MW-1

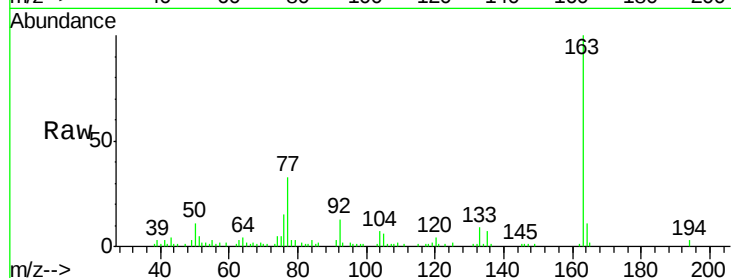
Tgt Ion:163 Resp: 65935

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

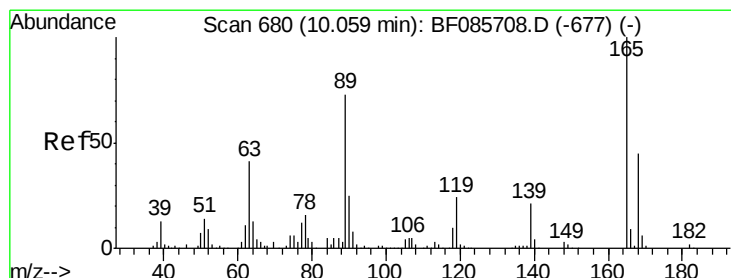
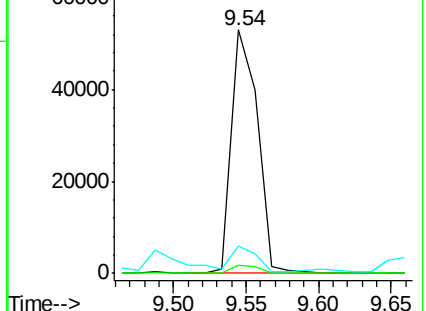
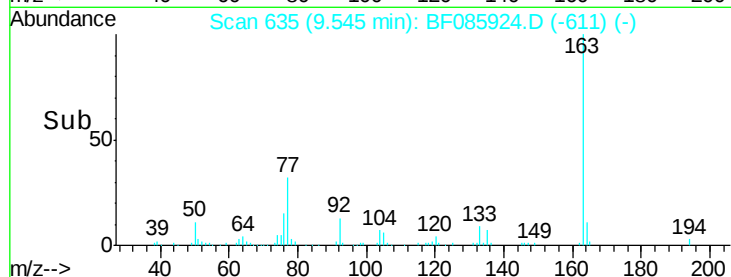
164 11.2 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.16 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

Tgt Ion:165 Resp: 29842

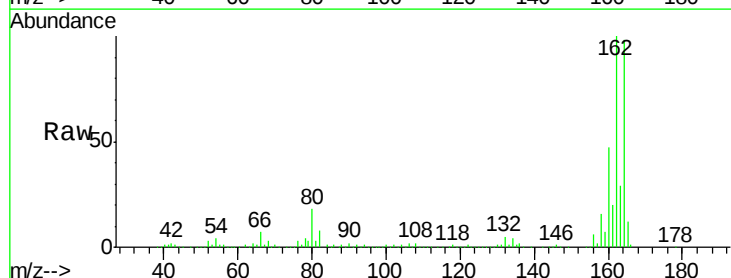
Ion Ratio Lower Upper

165 100

63 1.9 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

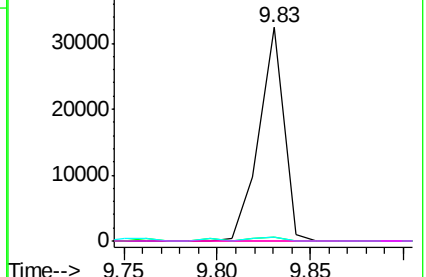
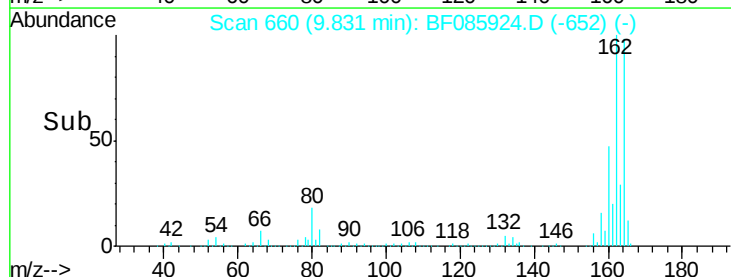


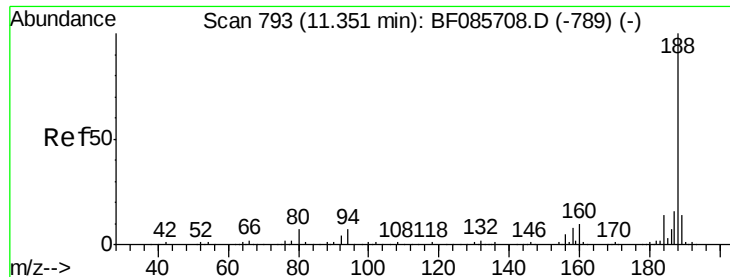
Abundance Ion 165.00 (164.70 to 165.70): E

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

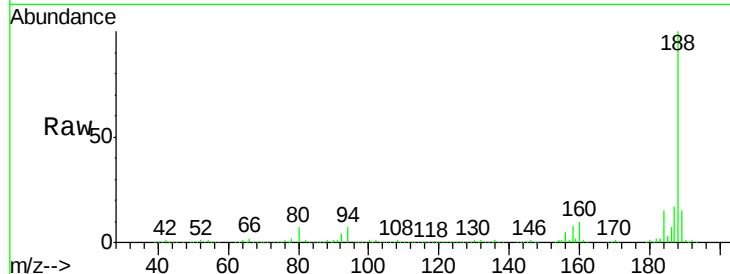




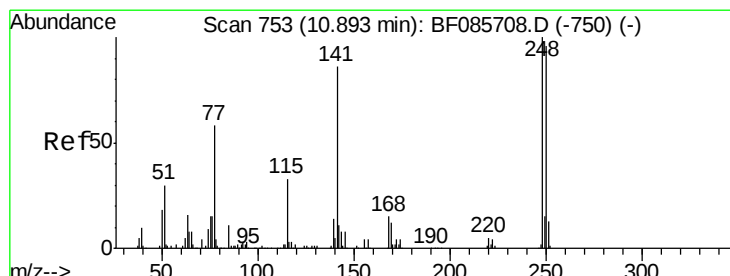
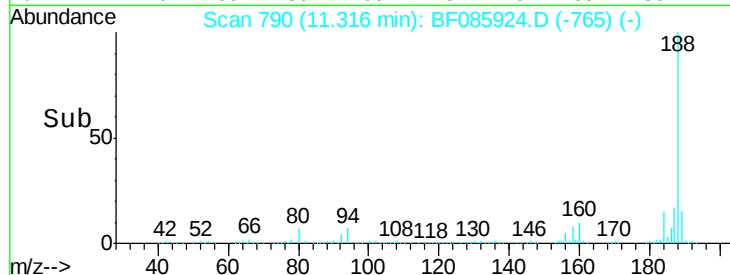
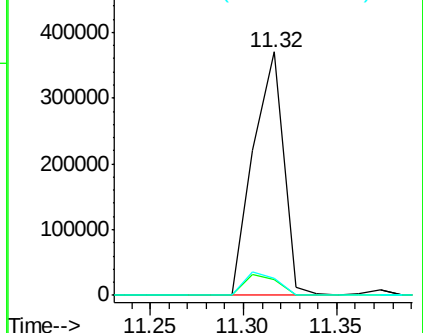
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 416625
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.0 5.5 8.3

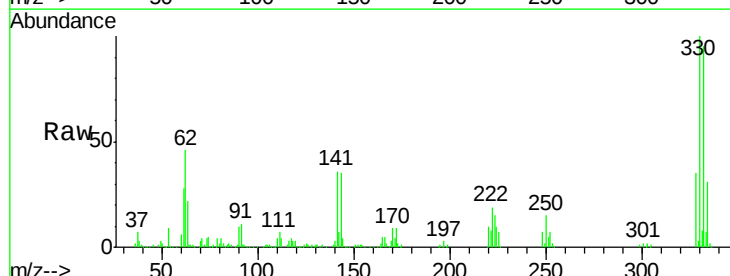


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

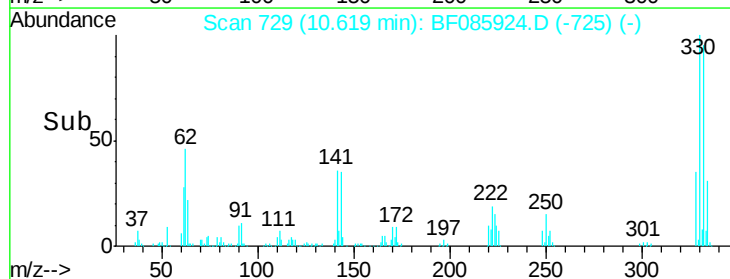
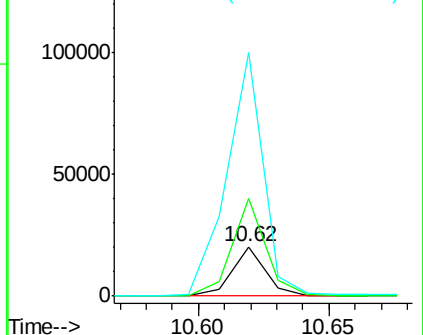


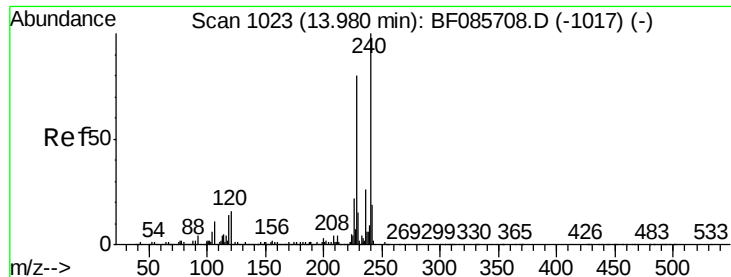
#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Tgt Ion:248 Resp: 18159
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.0#
141 494.9 63.6 95.4#



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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

MW-1

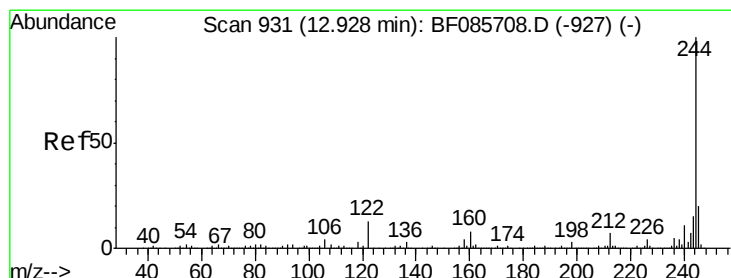
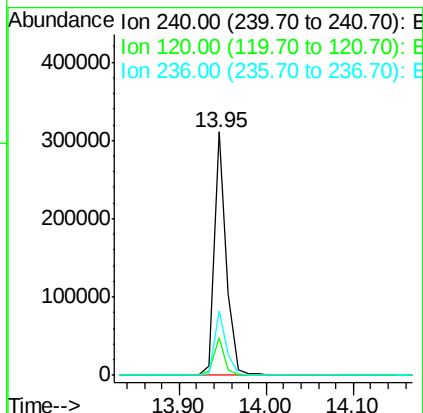
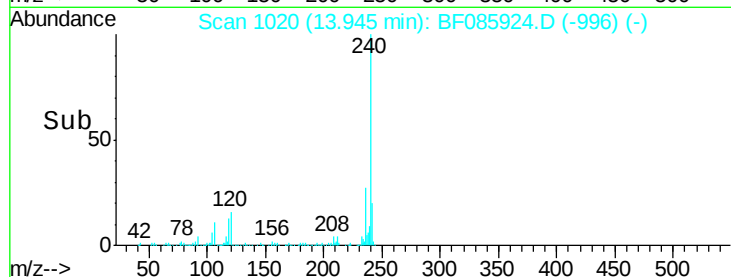
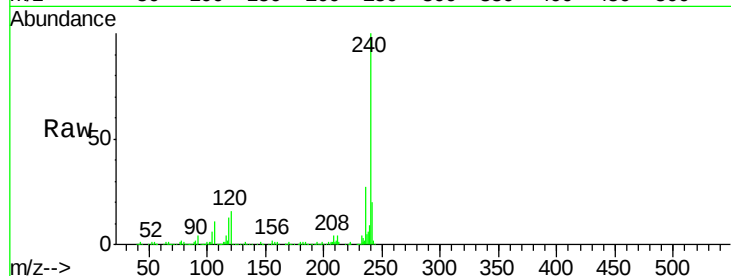
Tgt Ion:240 Resp: 301562

Ion Ratio Lower Upper

240 100

120 15.6 13.8 20.8

236 26.7 20.6 30.8



#78

Terphenyl-d14

Concen: 82.44 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085924.D

Acq: 31 Mar 2016 13:39

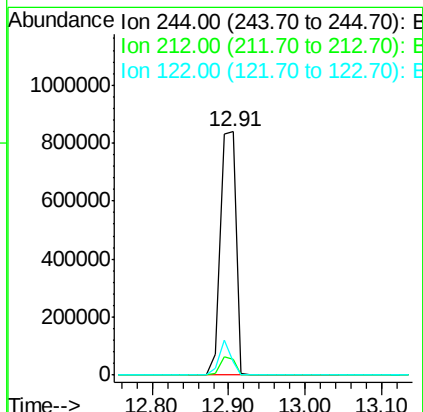
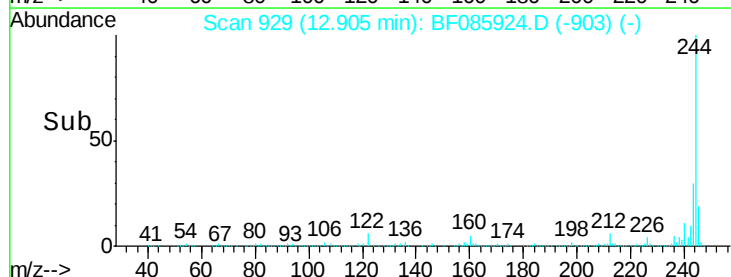
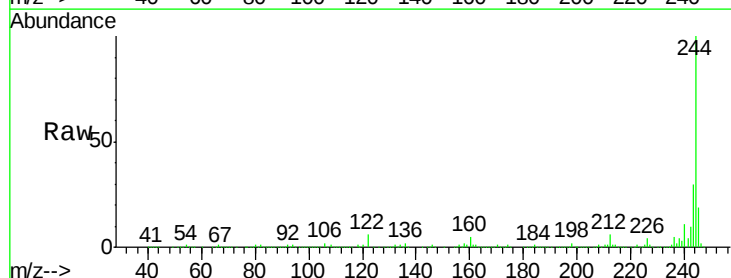
Tgt Ion:244 Resp: 1208883

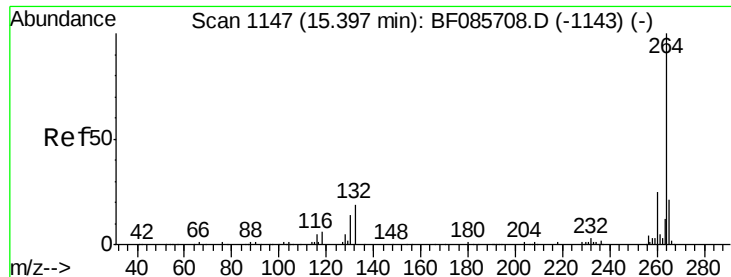
Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

122 5.6 10.2 15.4#

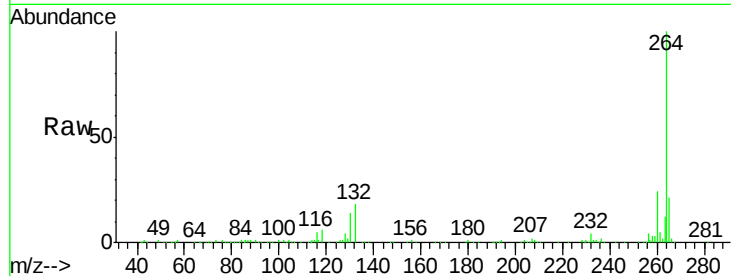




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085924.D
Acq: 31 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 213110
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

