

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092847.D
 Acq On : 8 Feb 2017 2:16
 Operator : SJ/MA
 Sample : I1706-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Quant Time: Feb 08 03:34:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

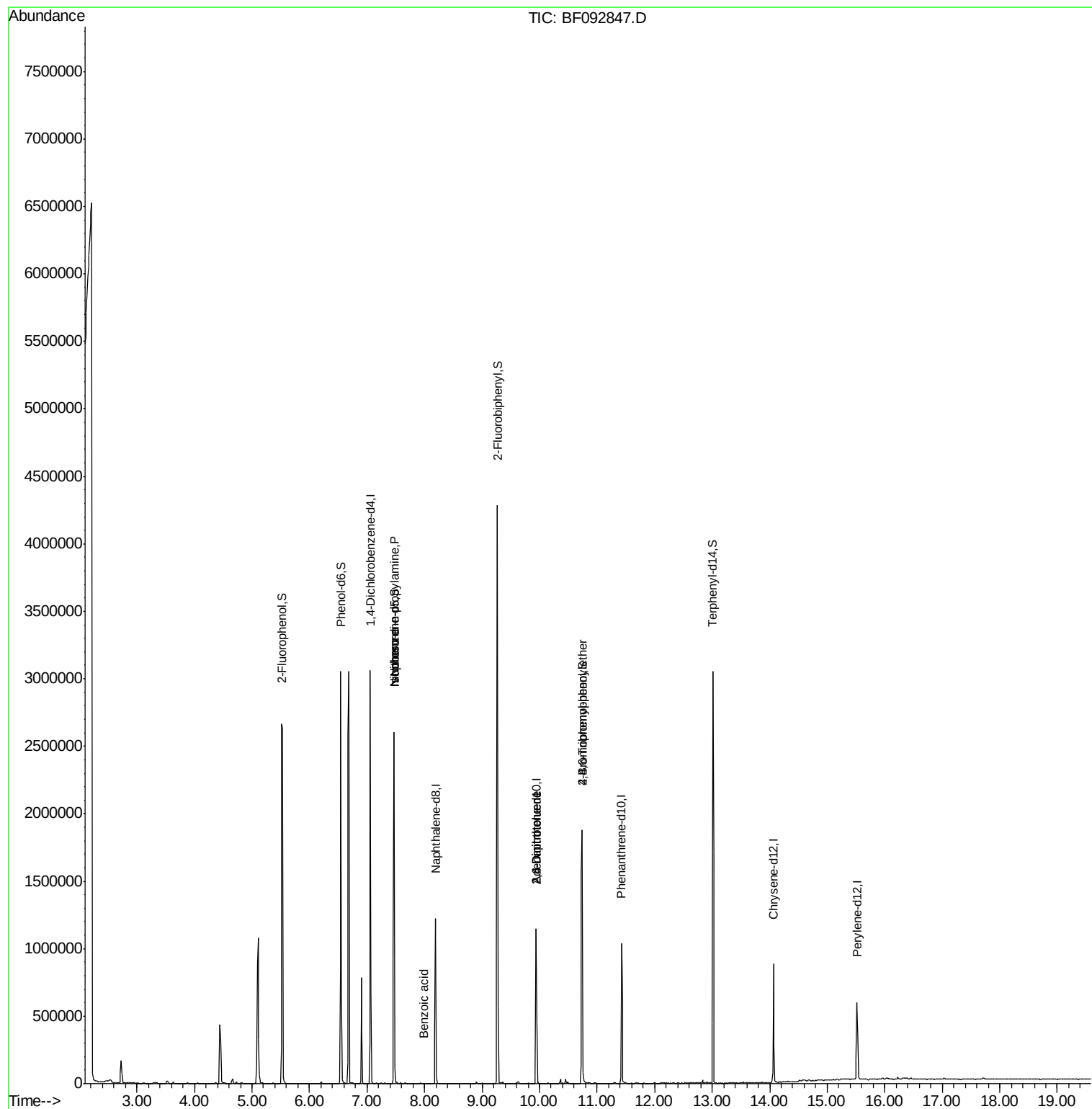
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	456756	20.00	ng	0.15
21) Naphthalene-d8	8.19	136	570217	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	274571	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	462843	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	311180	20.00	ng	-0.01
86) Perylene-d12	15.52	264	268473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1121468	42.12	ng	0.02
7) Phenol-d6	6.54	99	1130932	33.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	848878	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	293255	147.67	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1373045	90.60	ng	0.00
78) Terphenyl-d14	13.01	244	1182578	89.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	115488	5.30	ng	# 81
25) Isophorone	7.47	82	627835	32.90	ng	# 65
32) Benzoic acid	7.98	122	512	7.25	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	33490	8.39	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	33492	6.30	ng	# 19
66) 4-Bromophenyl-phenylether	10.74	248	22166	4.58	ng	# 1

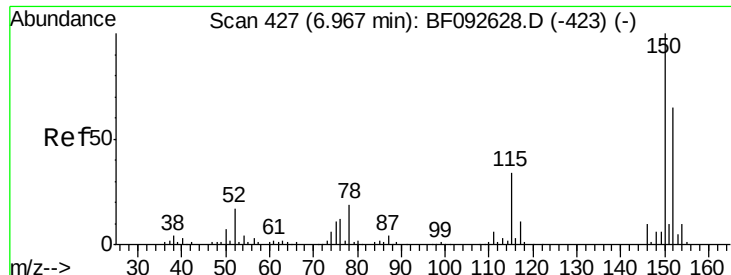
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.15 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

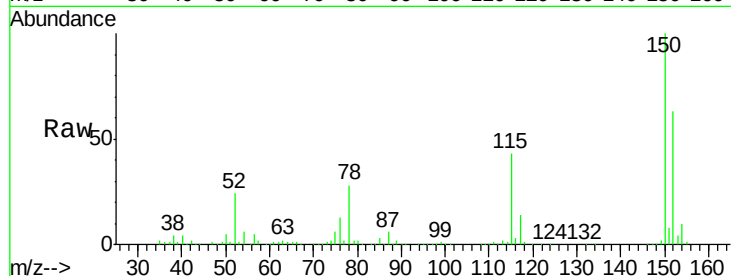
Tgt Ion:152 Resp: 456756

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

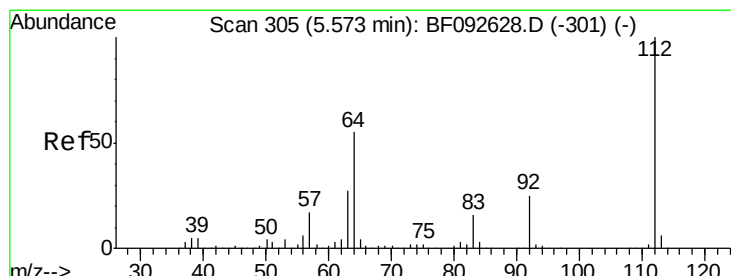
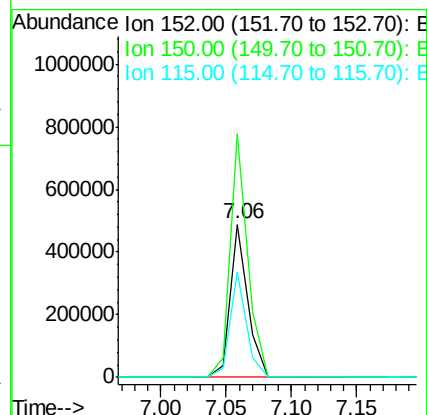
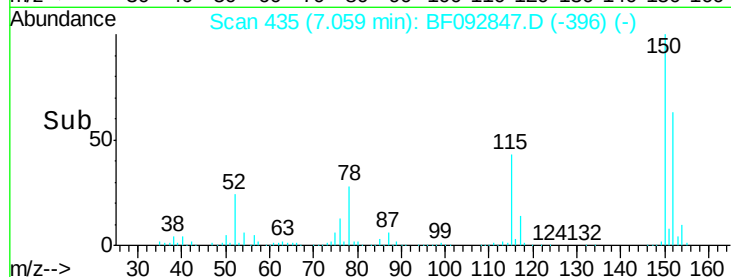
115 68.9 46.0 69.0



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: 42.12 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

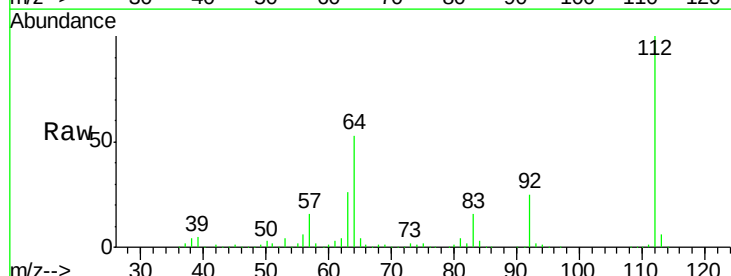
Tgt Ion:112 Resp: 1121468

Ion Ratio Lower Upper

112 100

64 52.5 46.1 69.1

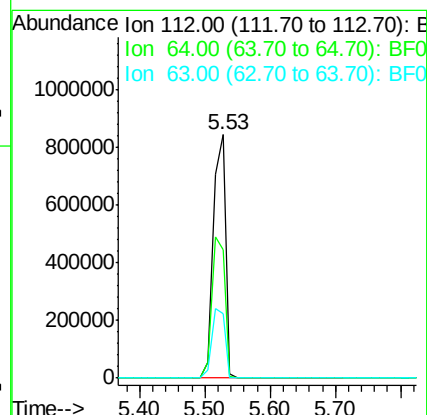
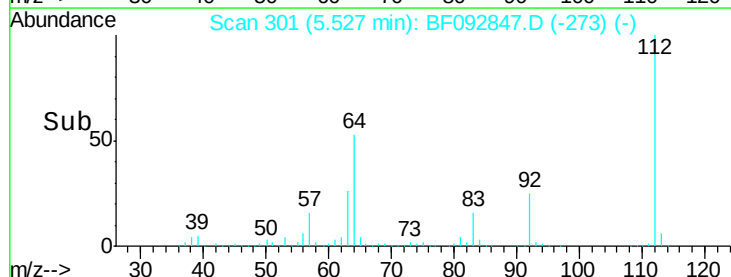
63 26.4 23.8 35.6

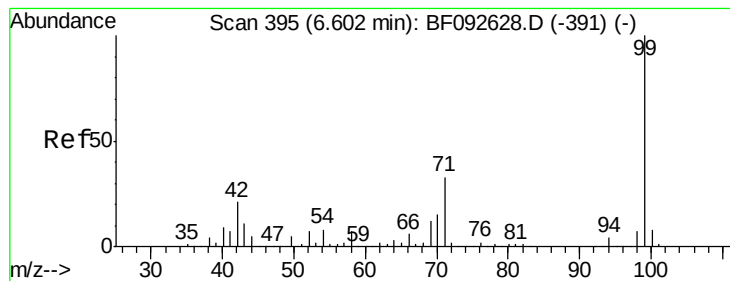


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.01 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

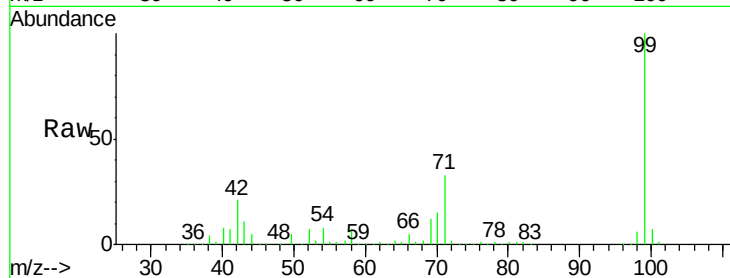
Tgt Ion: 99 Resp: 1130932

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

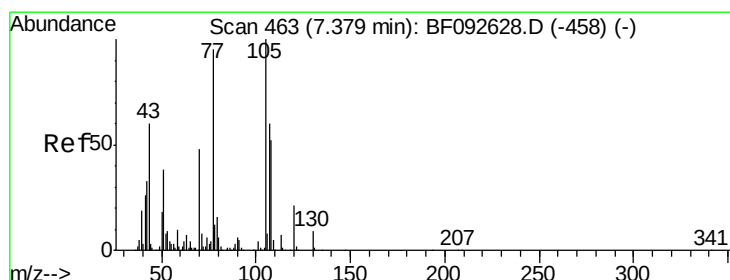
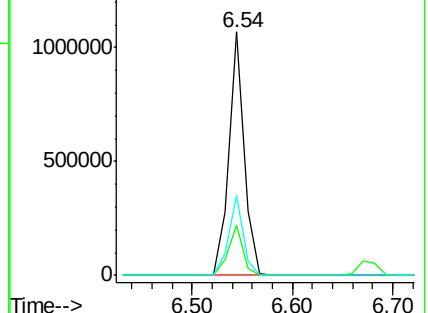
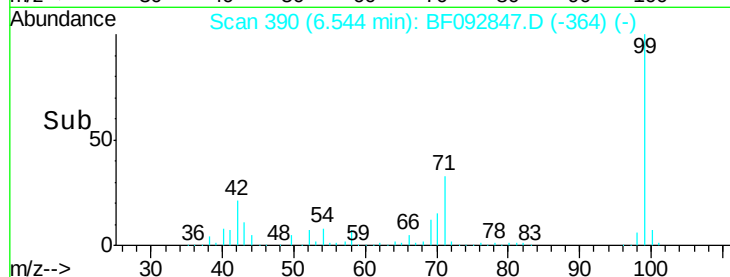
71 32.6 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.30 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Tgt Ion: 70 Resp: 115488

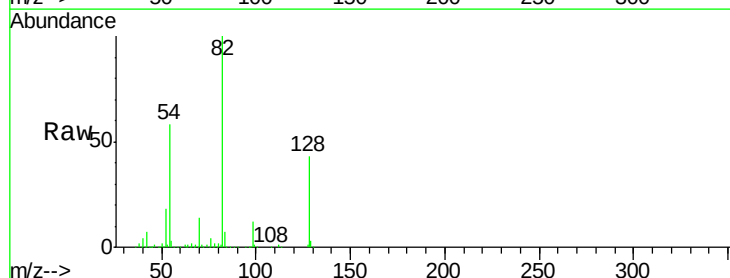
Ion Ratio Lower Upper

70 100

42 52.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

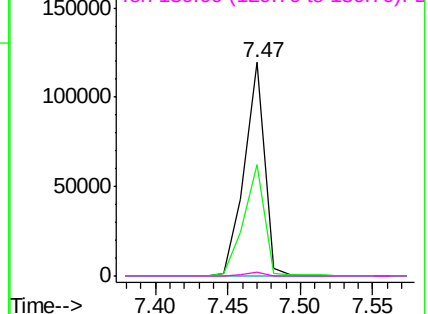
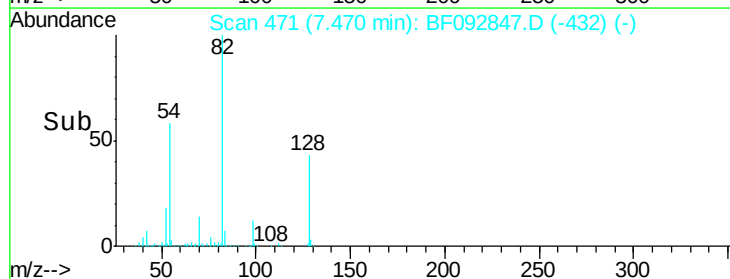


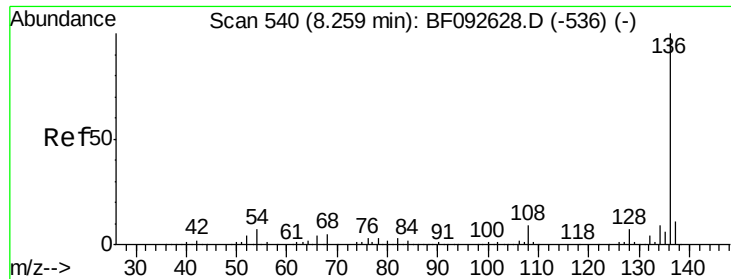
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

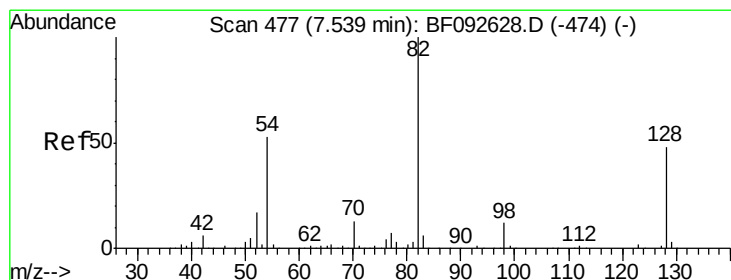
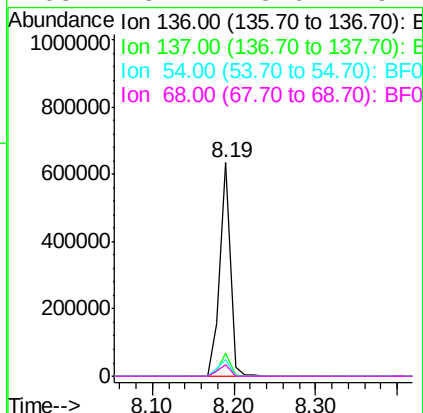
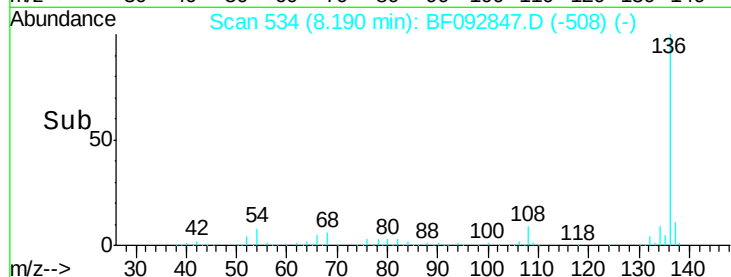
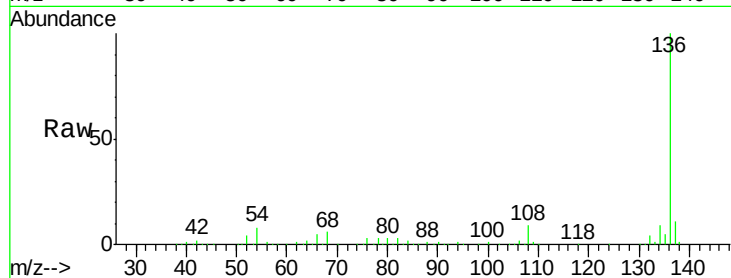




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

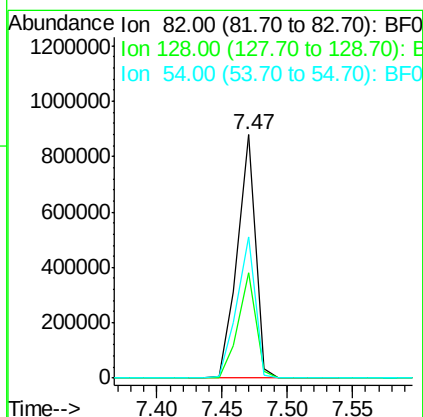
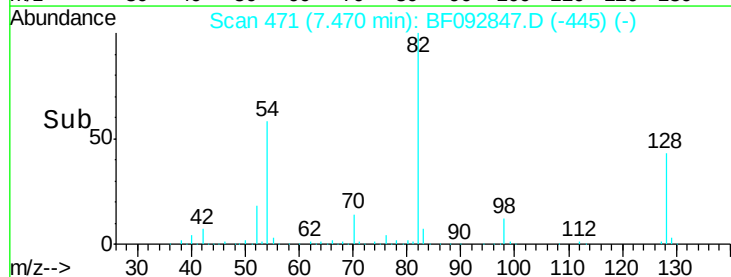
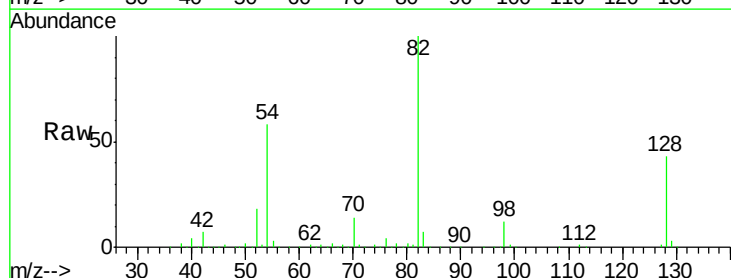
Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

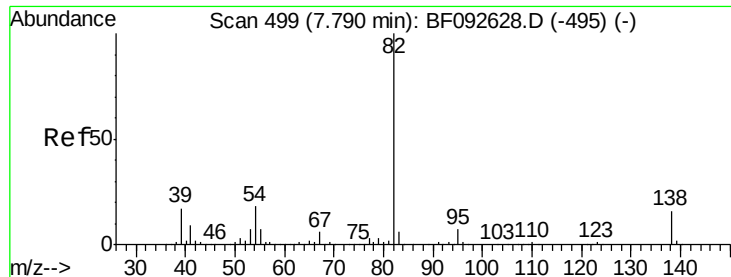
Tgt Ion:	136	Resp:	570217
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.0	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.90 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

Tgt Ion:	82	Resp:	848878
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	57.9	39.5	59.3





#25

Isophorone

Concen: 32.90 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.26 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

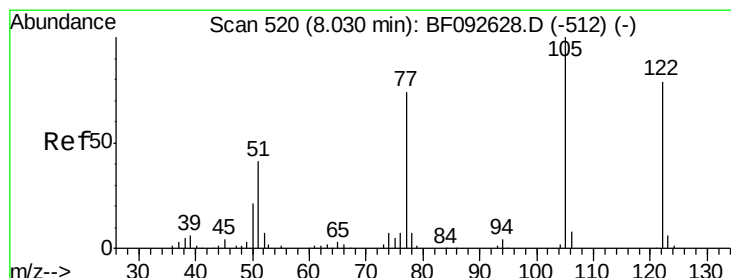
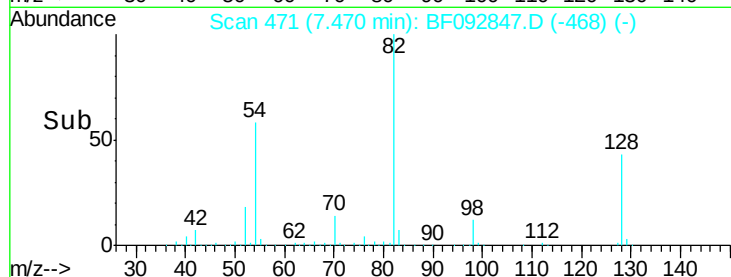
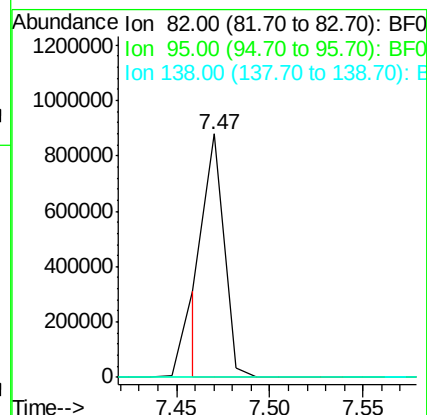
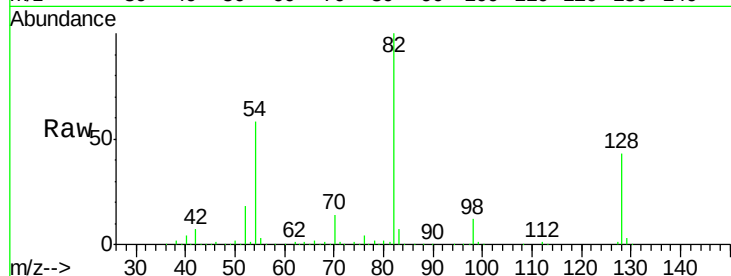
Tgt Ion: 82 Resp: 627835

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.25 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

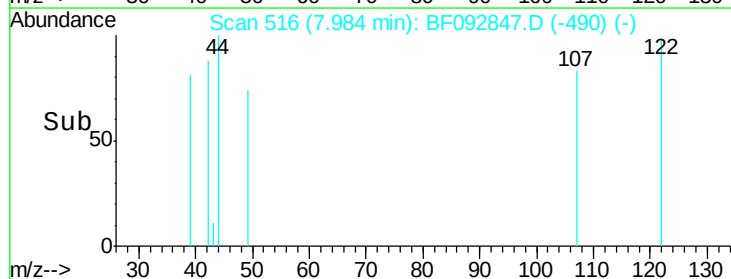
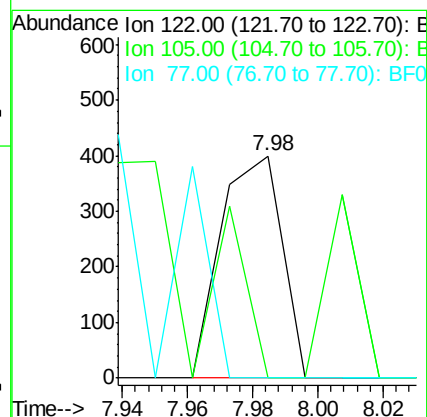
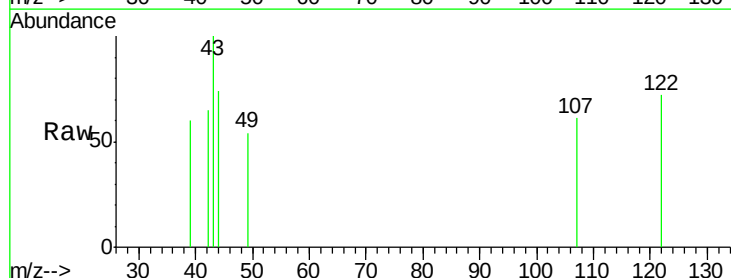
Tgt Ion: 122 Resp: 512

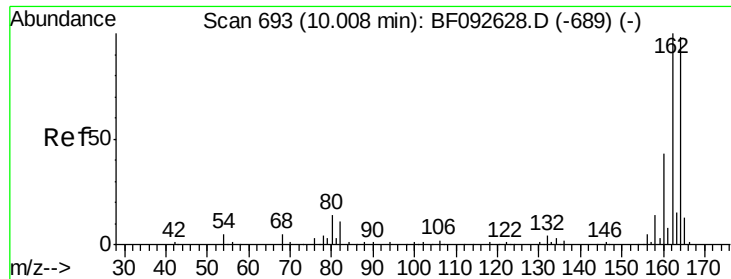
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 0.0 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

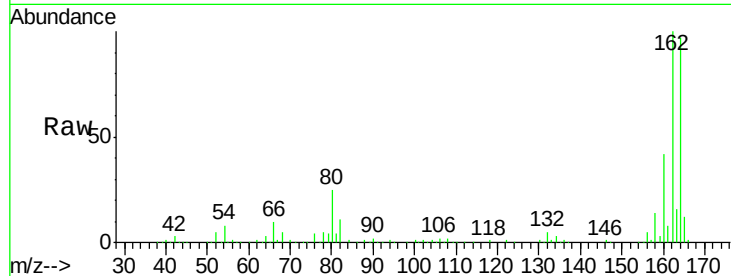
Tgt Ion:164 Resp: 274571

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

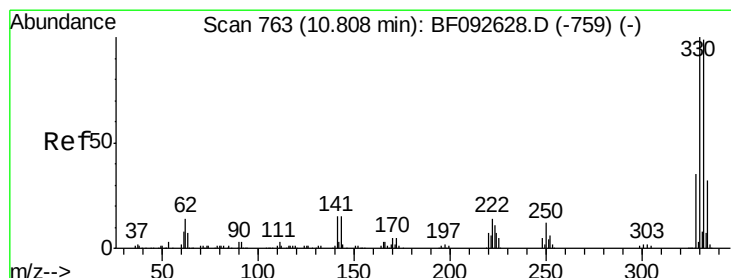
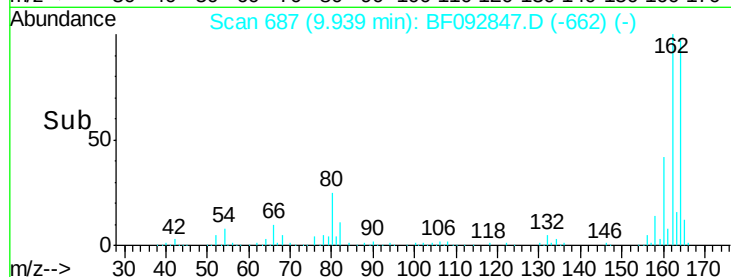
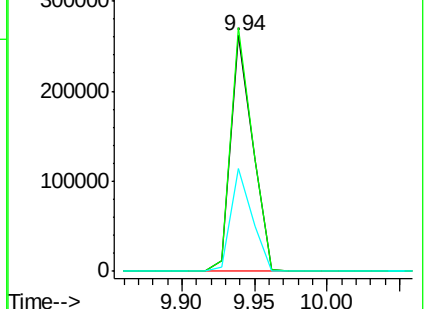
160 43.9 36.9 55.3



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: 147.67 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

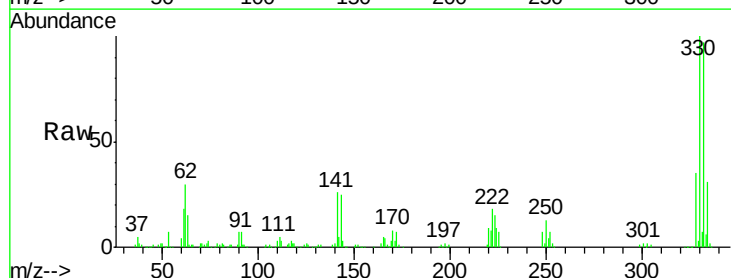
Tgt Ion:330 Resp: 293255

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

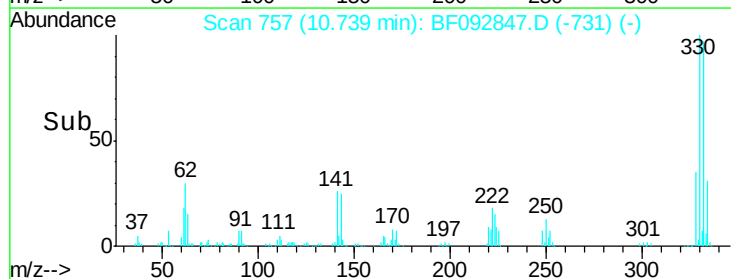
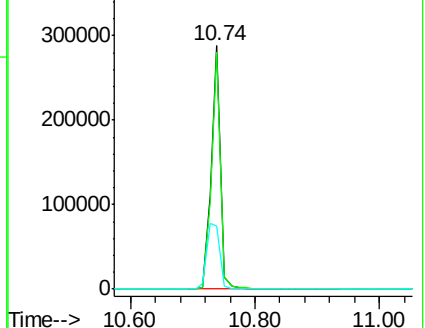
141 38.8 34.1 51.1

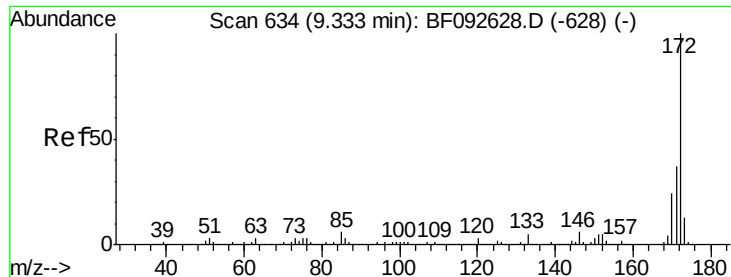


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

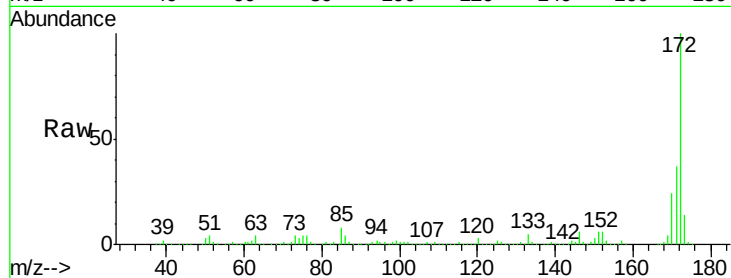




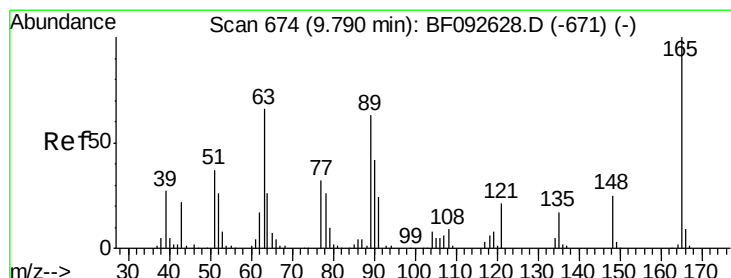
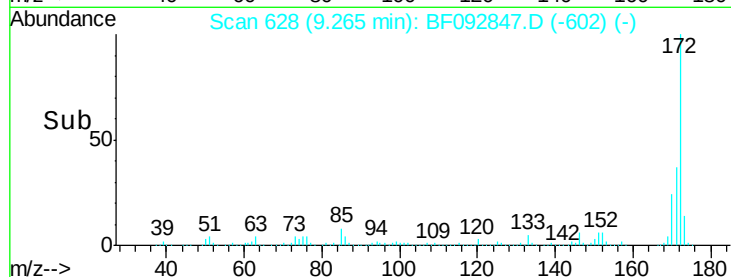
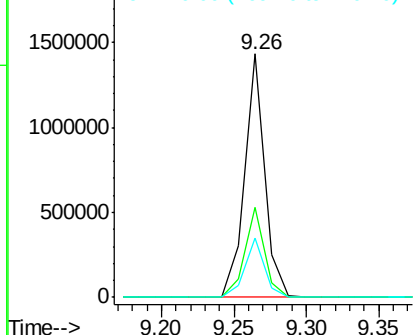
#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Instrument :
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 WC-SCW-COMP-02

Tgt Ion:172 Resp: 1373045
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.2 30.4

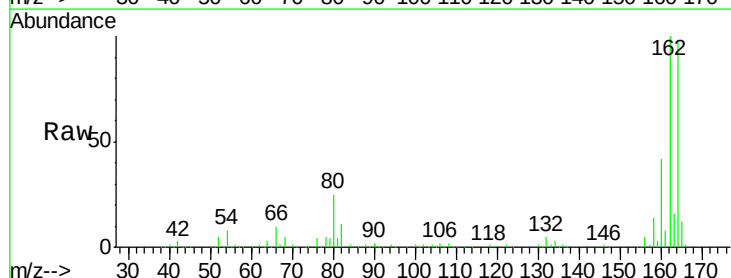


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

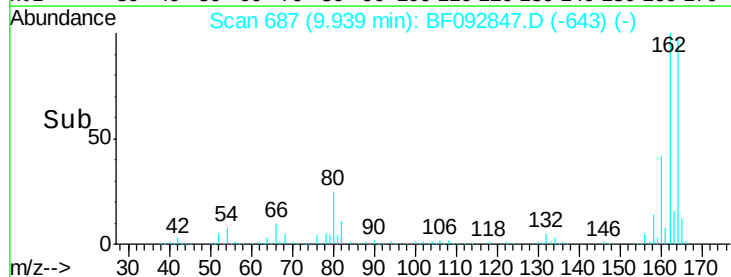
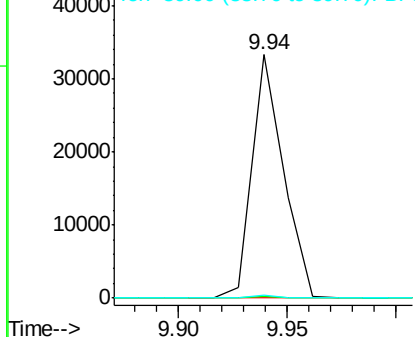


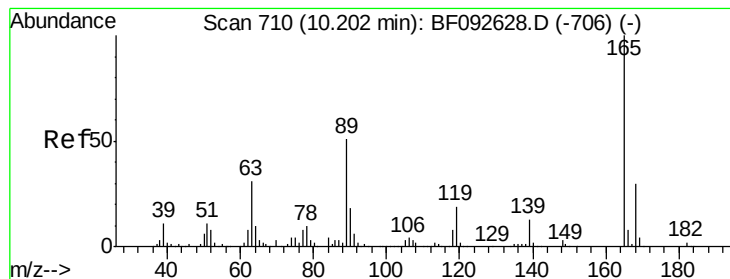
#50
 2,6-Dinitrotoluene
 Concen: 8.39 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.21 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion:165 Resp: 33490
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.0 40.2 60.4#



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





#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

Tgt Ion:165 Resp: 33492

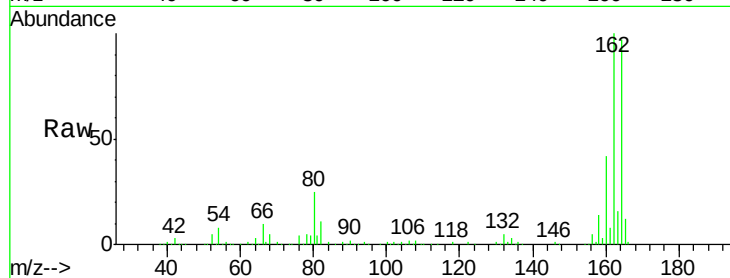
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

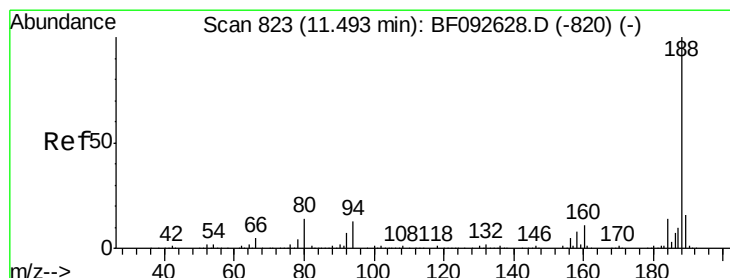
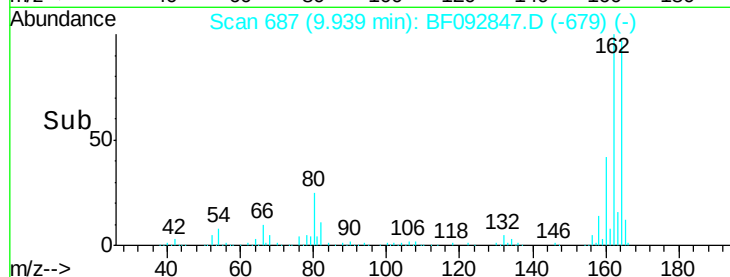
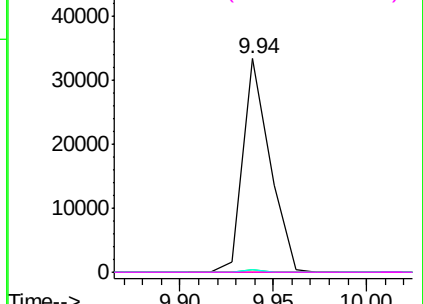


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

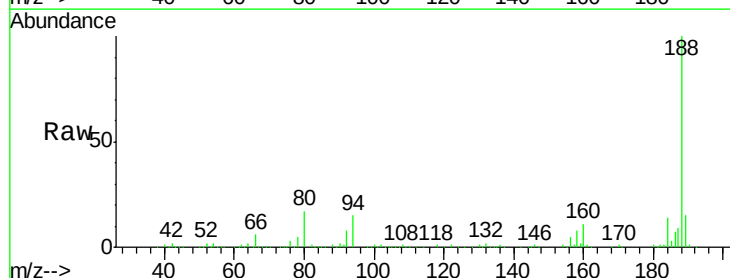
Tgt Ion:188 Resp: 462843

Ion Ratio Lower Upper

188 100

94 14.9 10.0 15.0

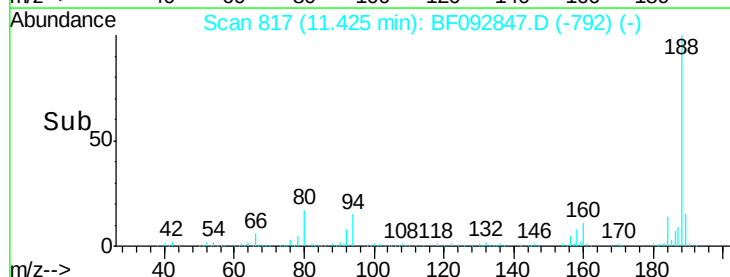
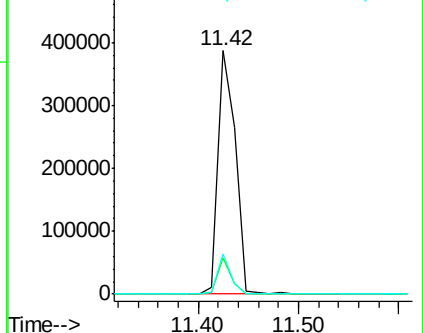
80 16.6 11.2 16.8

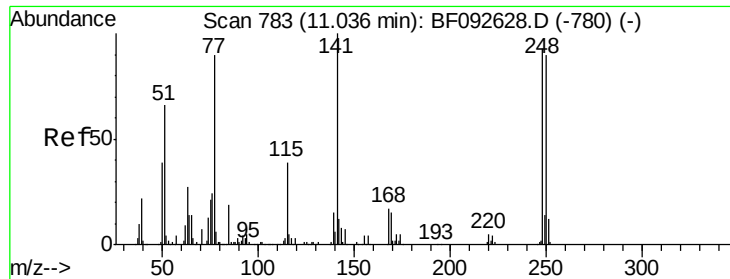


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

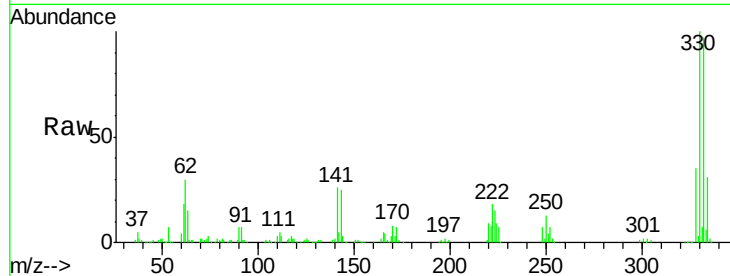




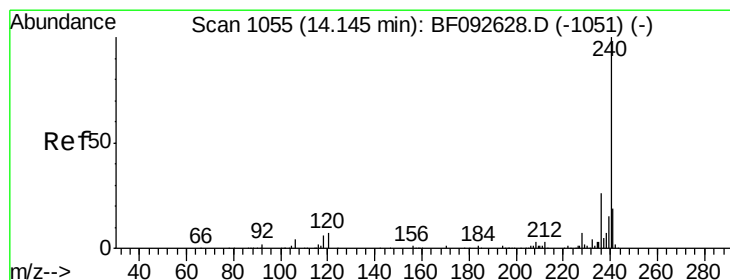
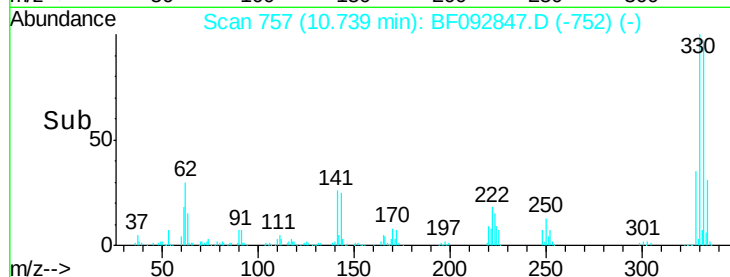
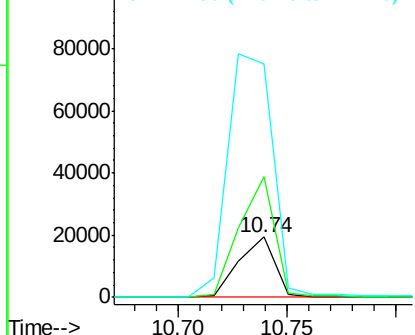
#66
 4-Bromophenyl-phenylether
 Concen: 4.58 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.24 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Tgt Ion:248 Resp: 22166
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 387.1 68.2 102.4#

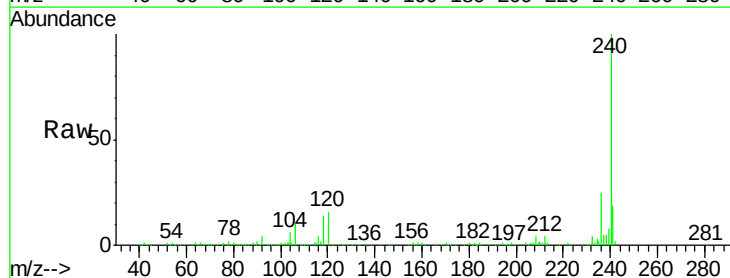


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

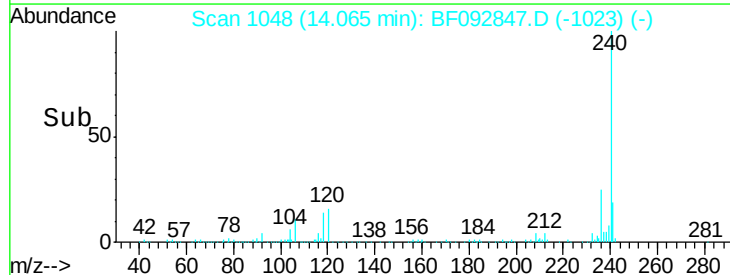
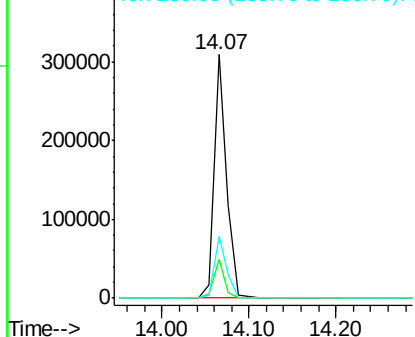


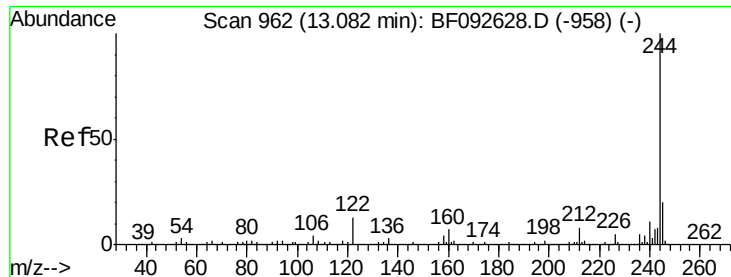
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion:240 Resp: 311180
 Ion Ratio Lower Upper
 240 100
 120 15.8 12.9 19.3
 236 25.5 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

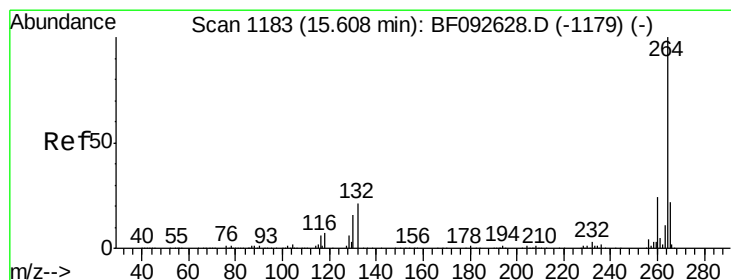
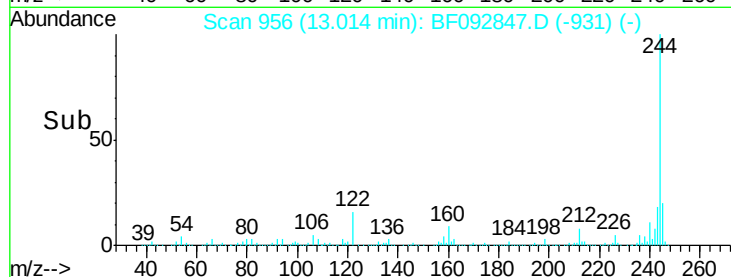
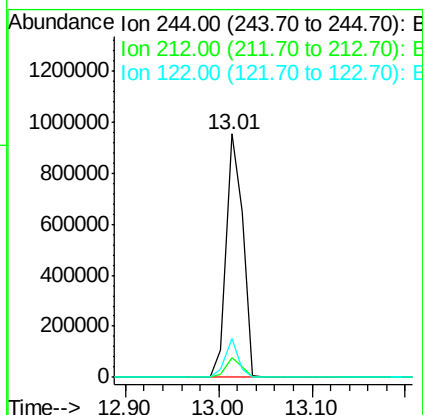
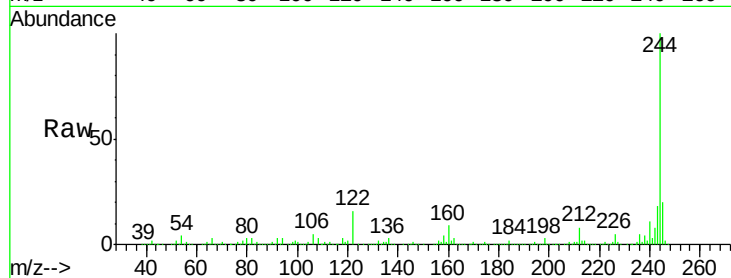




#78
 Terphenyl-d14
 Concen: 89.29 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Tgt Ion:244 Resp: 1182578
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 16.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion:264 Resp: 268473
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.0 17.4 26.0

