

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092809.D
 Acq On : 6 Feb 2017 21:27
 Operator : SJ/MA
 Sample : I1706-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 07 01:12:45 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	6.91	152	143031	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	554468	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	319788	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	610677	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	491557	20.00	ng	-0.07
86) Perylene-d12	15.53	264	388867	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	419343	50.30	ng	-0.06
7) Phenol-d6	6.56	99	1117548	104.18	ng	-0.05
23) Nitrobenzene-d5	7.47	82	749407	75.27	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	110729	47.87	ng	-0.07
44) 2-Fluorobiphenyl	9.28	172	1310927	74.27	ng	-0.06
78) Terphenyl-d14	13.03	244	1215795	58.12	ng	-0.06

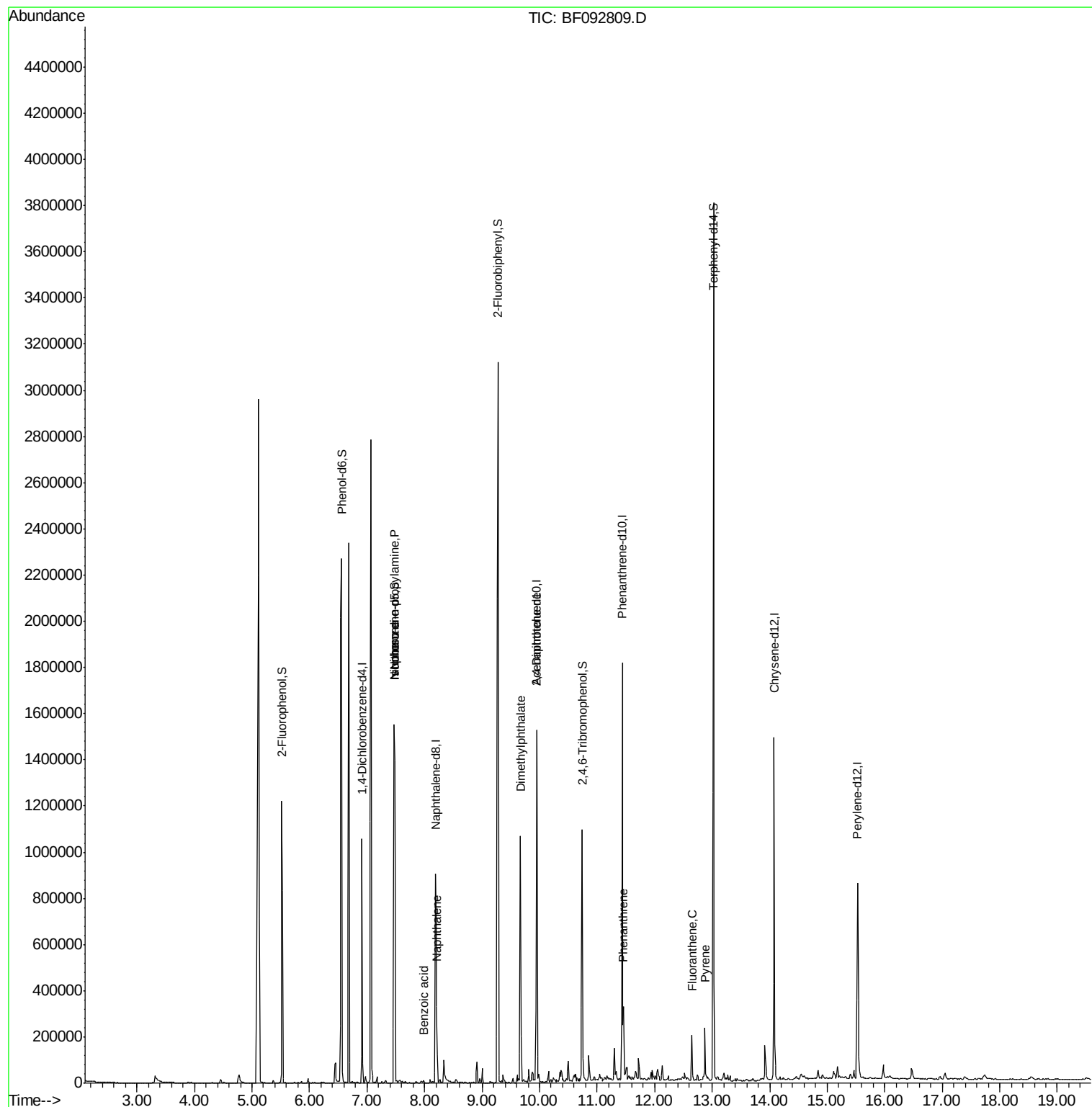
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	97913	14.34	ng	# 84
25) Isophorone	7.47	82	749394	40.39	ng	# 65
31) Naphthalene	8.21	128	151261	5.38	ng	99
32) Benzoic acid	7.98	122	1925	7.50	ng	# 13
49) Dimethylphthalate	9.66	163	443241	20.58	ng	98
56) 2,4-Dinitrotoluene	9.95	165	43779	7.07	ng	# 20
70) Phenanthrene	11.46	178	105606	3.02	ng	97
74) Fluoranthene	12.65	202	73284	2.03	ng	97
77) Pyrene	12.88	202	88492	2.41	ng	96

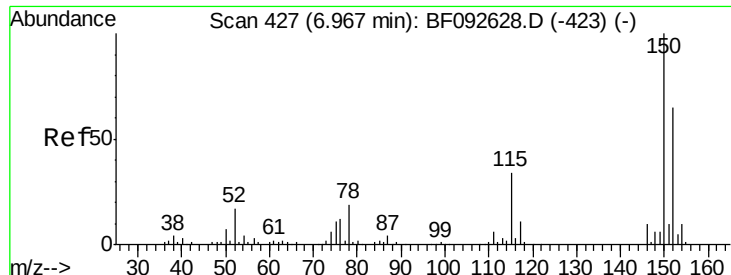
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.06 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

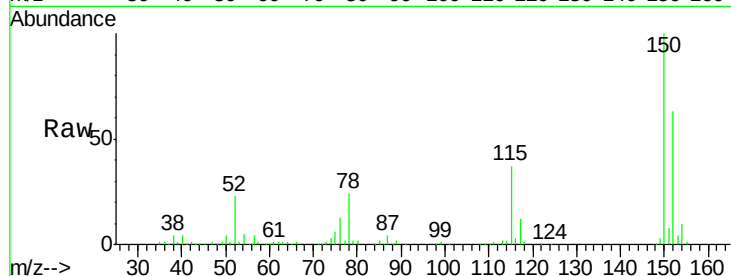
Tgt Ion:152 Resp: 143031

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

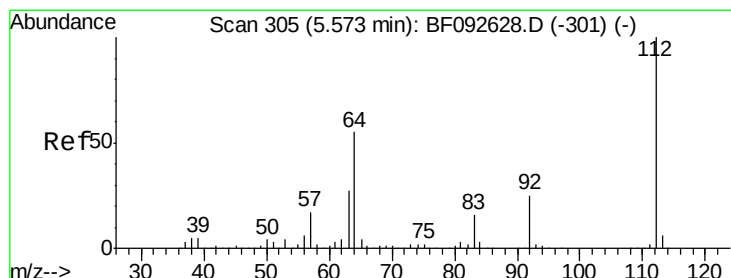
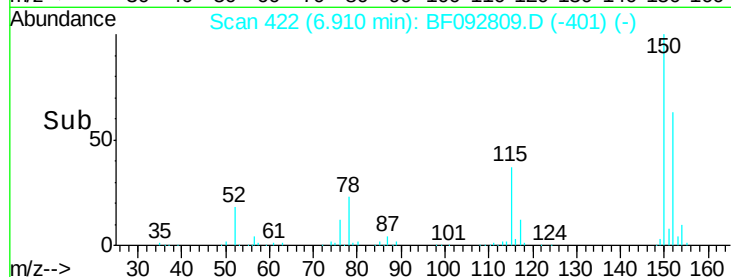
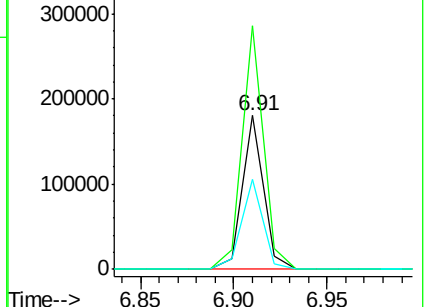
115 58.9 46.0 69.0



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: 50.30 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.06 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

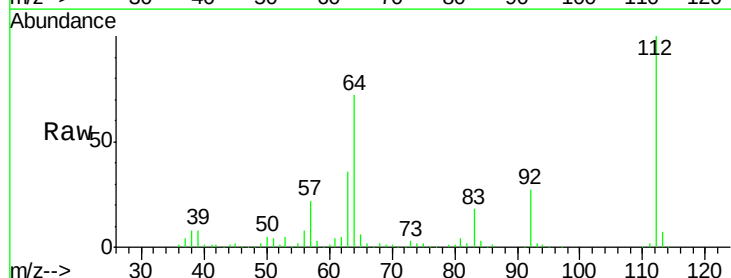
Tgt Ion:112 Resp: 419343

Ion Ratio Lower Upper

112 100

64 72.3 46.1 69.1#

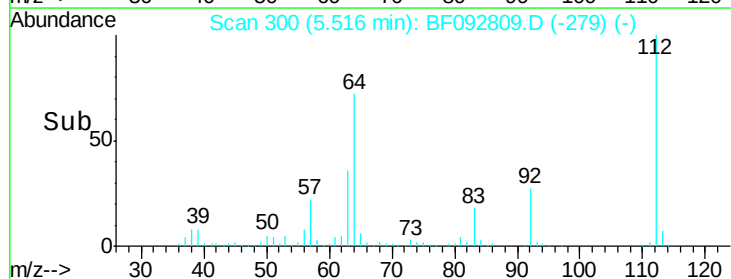
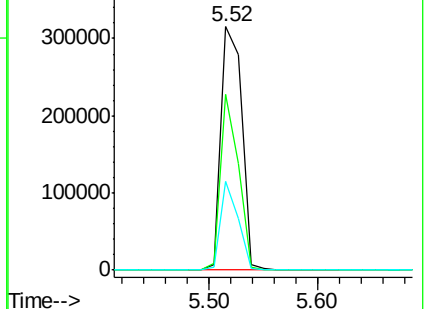
63 36.3 23.8 35.6#

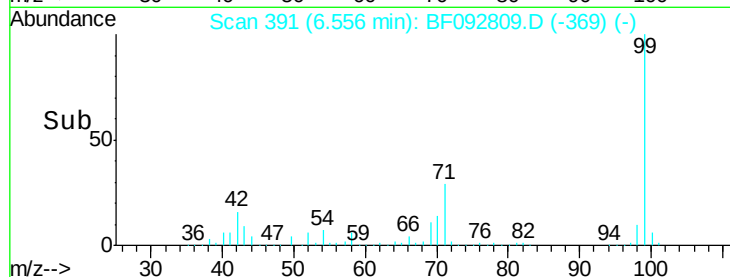
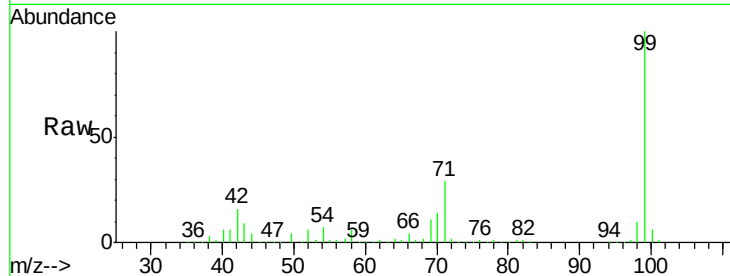
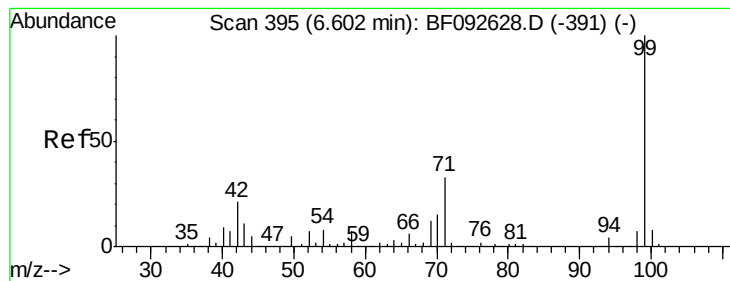


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.18 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

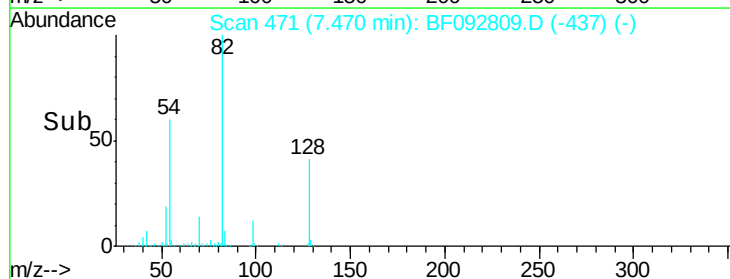
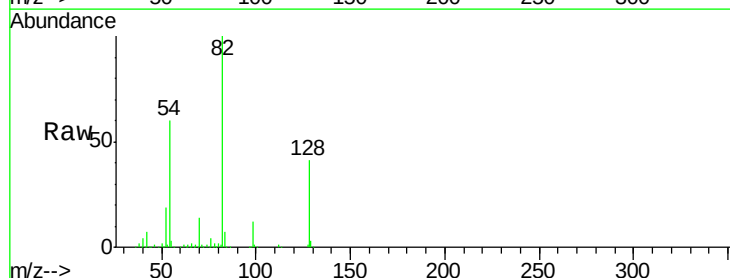
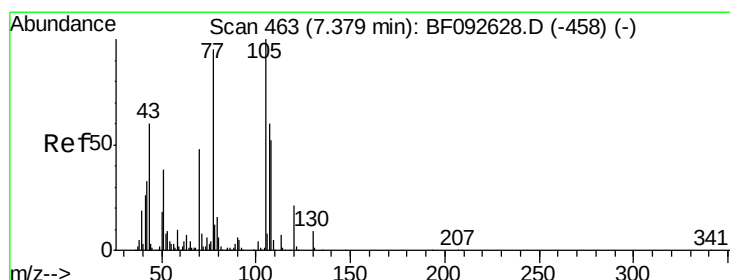
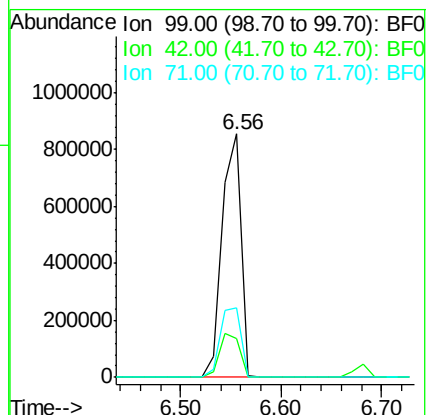
Tgt Ion: 99 Resp: 1117548

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

71 28.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Tgt Ion: 70 Resp: 97913

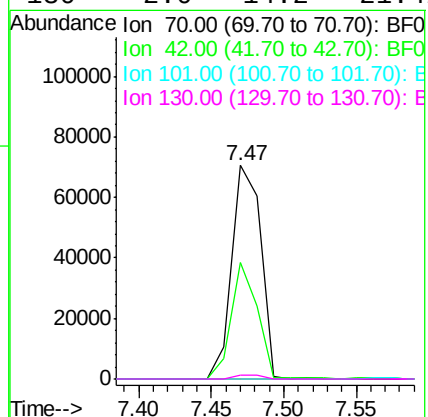
Ion Ratio Lower Upper

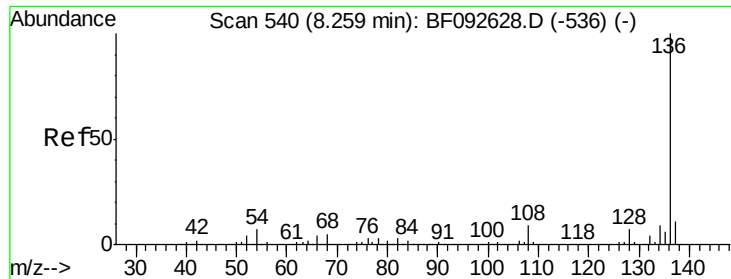
70 100

42 54.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

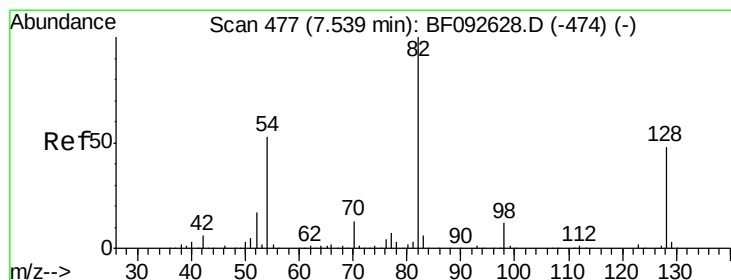
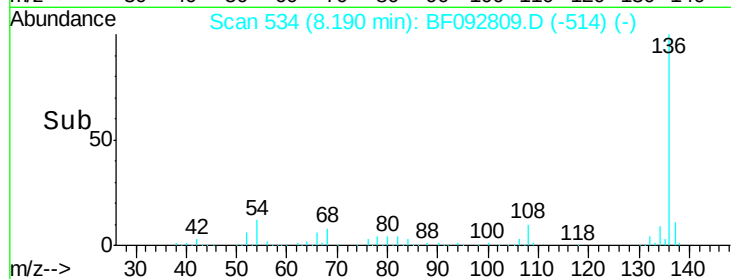
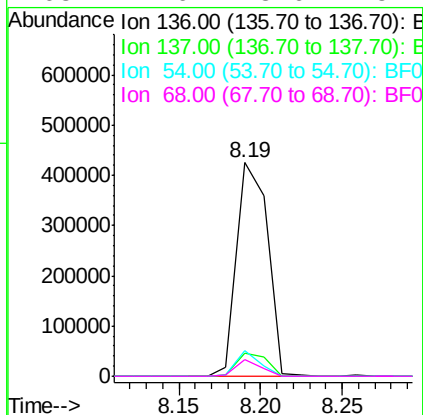
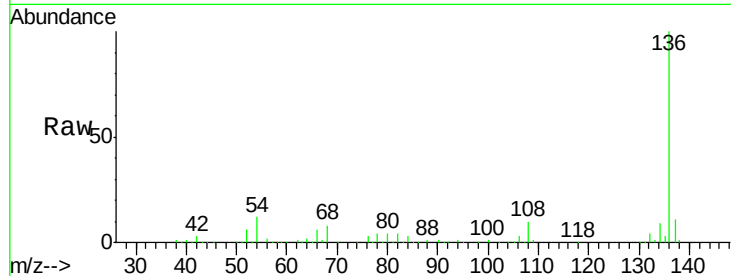




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

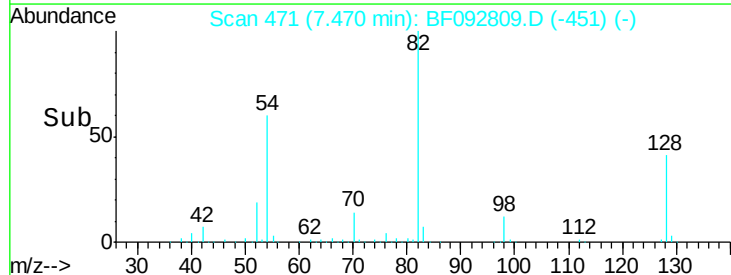
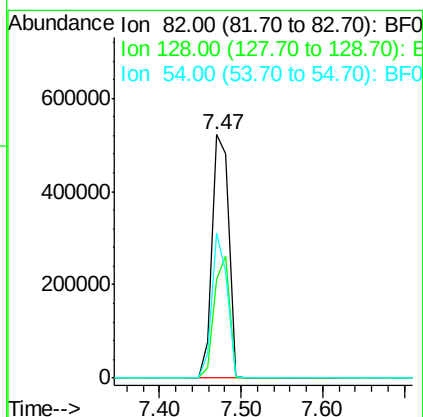
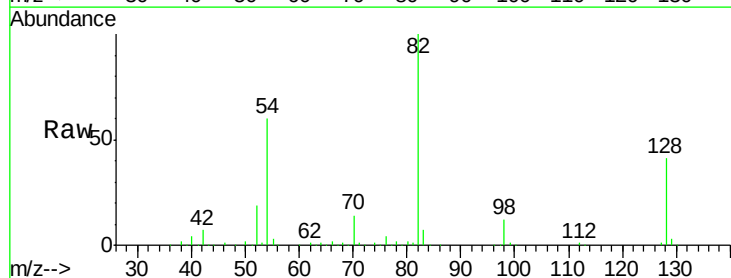
Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

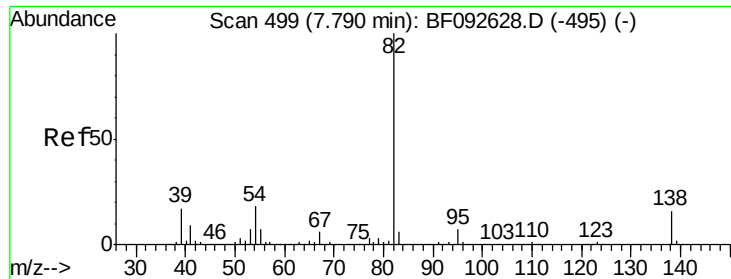
Tgt Ion:	136	Resp:	554468
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.1	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 75.27 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:	82	Resp:	749407
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	59.8	39.5	59.3#





#25

Isophorone

Concen: 40.39 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

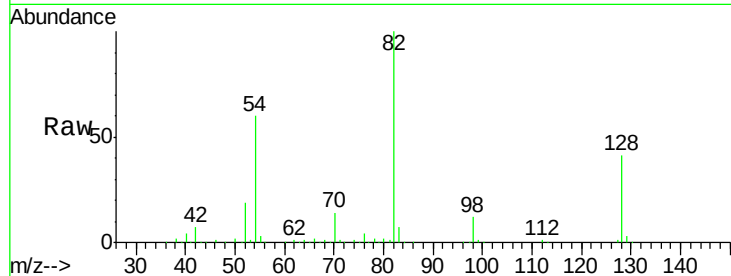
Tgt Ion: 82 Resp: 749394

Ion Ratio Lower Upper

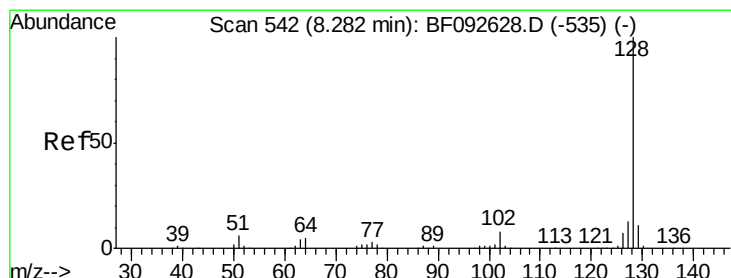
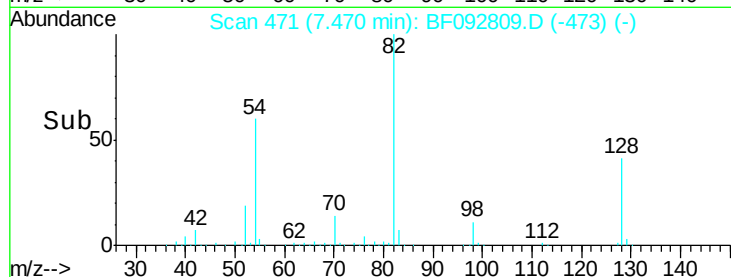
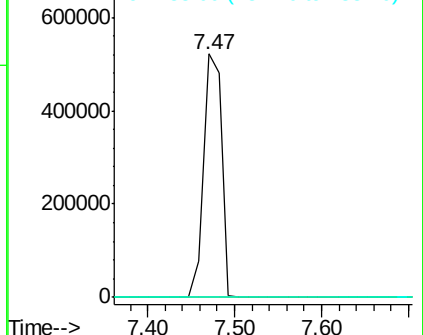
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



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



#31

Naphthalene

Concen: 5.38 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

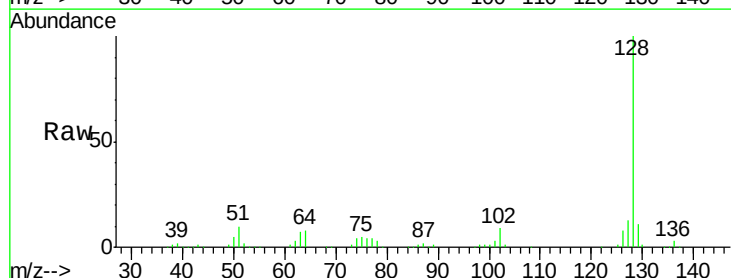
Tgt Ion: 128 Resp: 151261

Ion Ratio Lower Upper

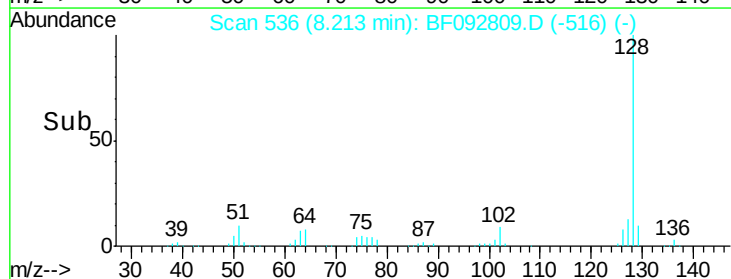
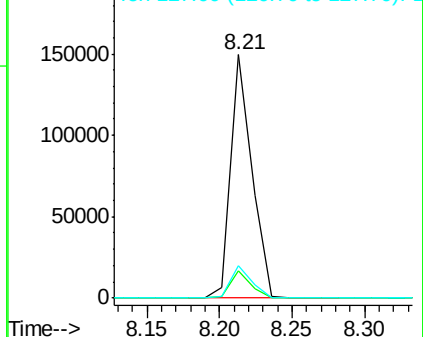
128 100

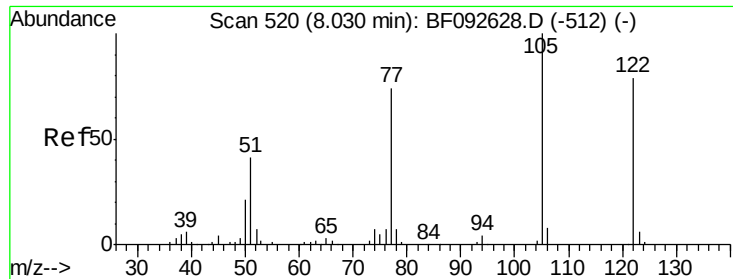
129 11.1 9.5 14.3

127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.50 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

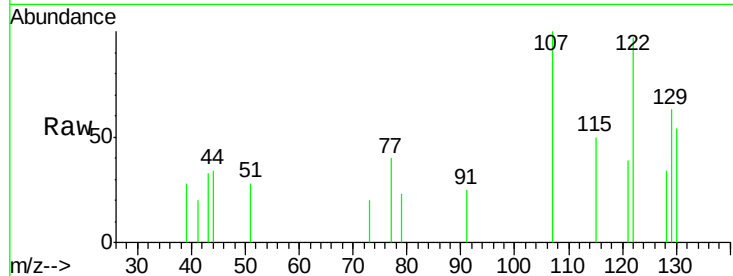
Tgt Ion:122 Resp: 1925

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

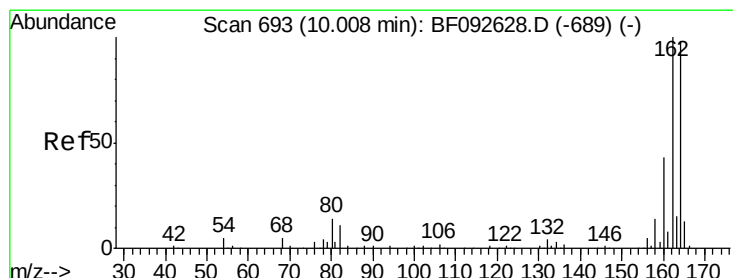
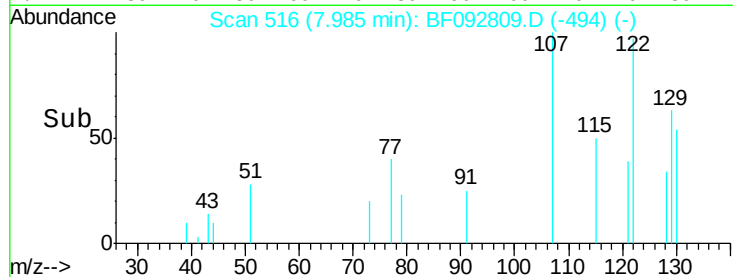
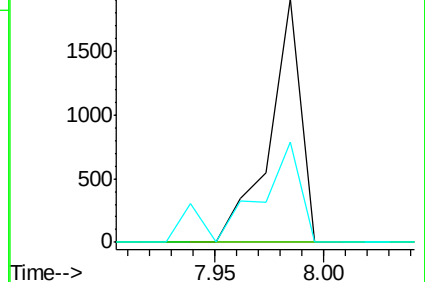
77 41.0 74.5 114.5#



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: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

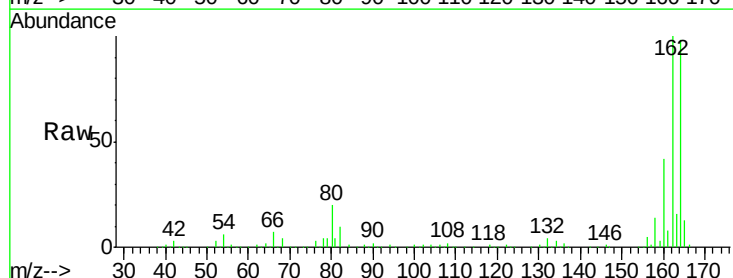
Tgt Ion:164 Resp: 319788

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

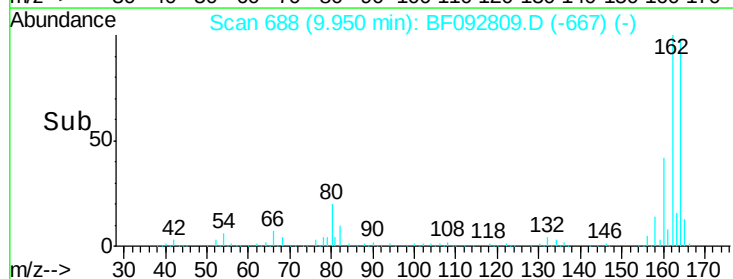
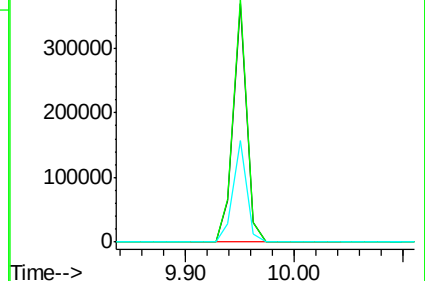
160 42.6 36.9 55.3

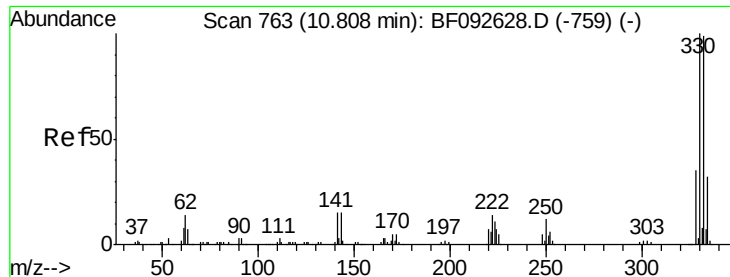


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

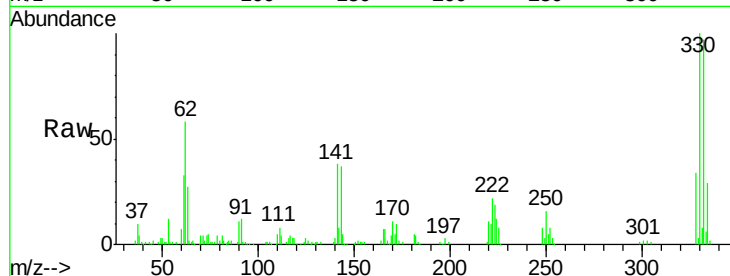




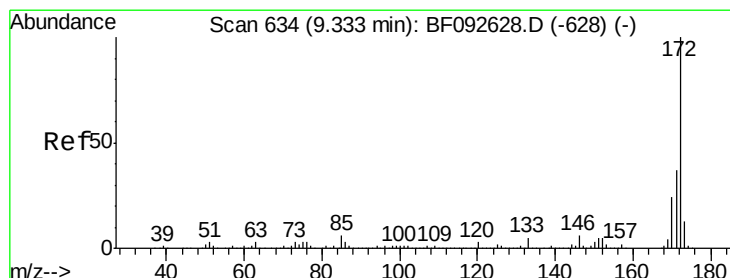
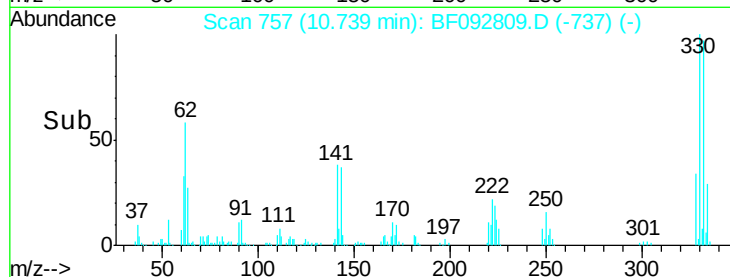
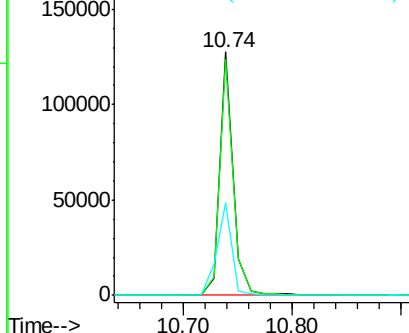
#41
 2,4,6-Tribromophenol
 Concen: 47.87 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092809.D
 Acq: 6 Feb 2017 21:27

Instrument :
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 WC-SCW-COMP-02

Tgt Ion:330 Resp: 110729
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 42.8 34.1 51.1

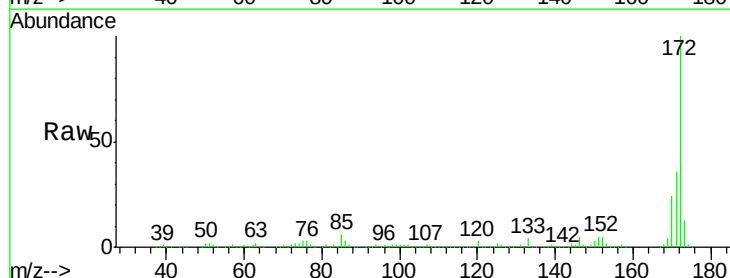


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

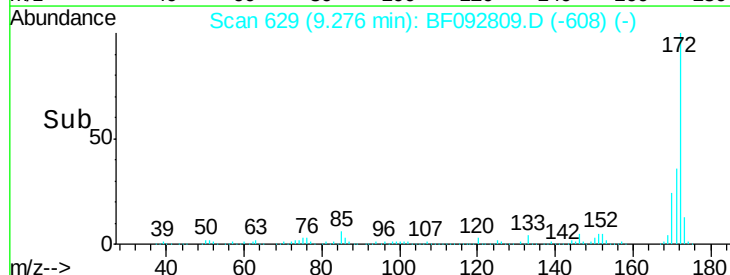
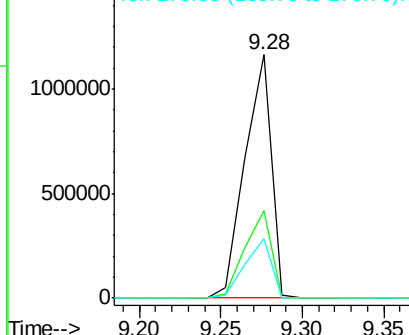


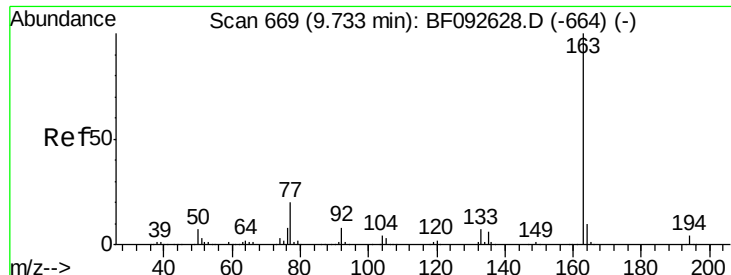
#44
 2-Fluorobiphenyl
 Concen: 74.27 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092809.D
 Acq: 6 Feb 2017 21:27

Tgt Ion:172 Resp: 1310927
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.1 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: 20.58 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

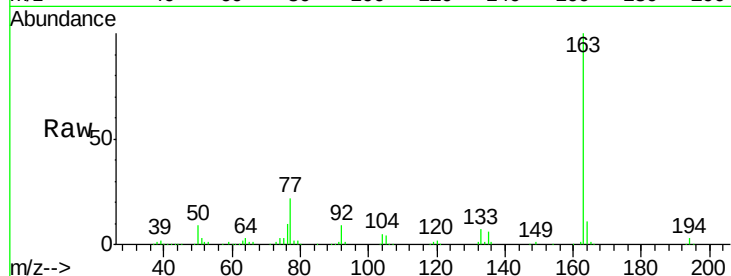
Tgt Ion:163 Resp: 443241

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

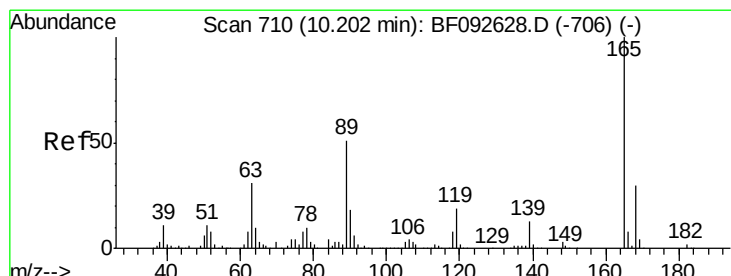
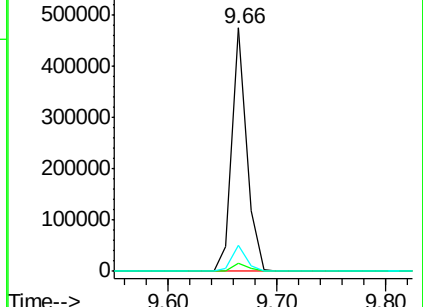
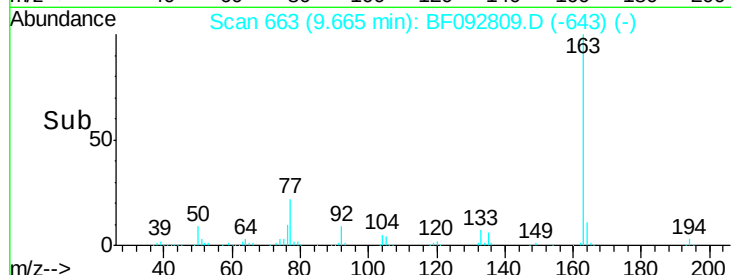
164 10.6 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 7.07 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.25 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Tgt Ion:165 Resp: 43779

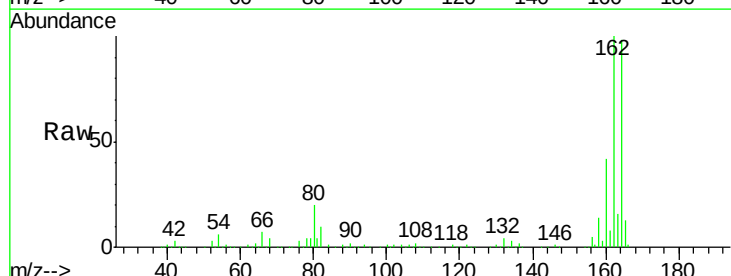
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

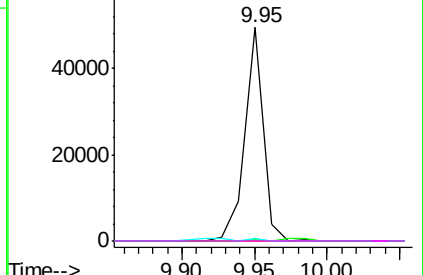
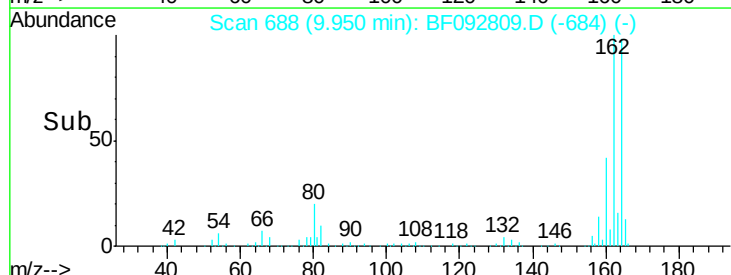


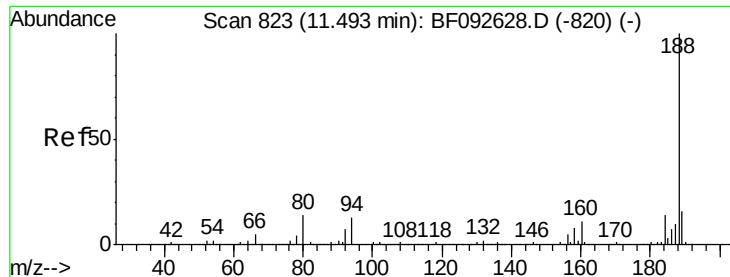
Abundance Ion 165.00 (164.70 to 165.70): E

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

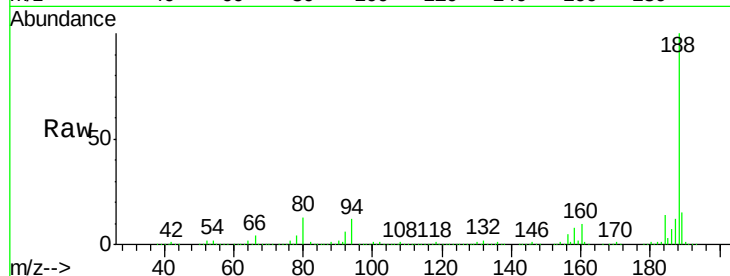




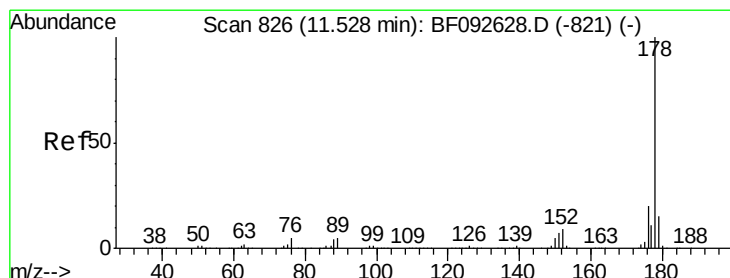
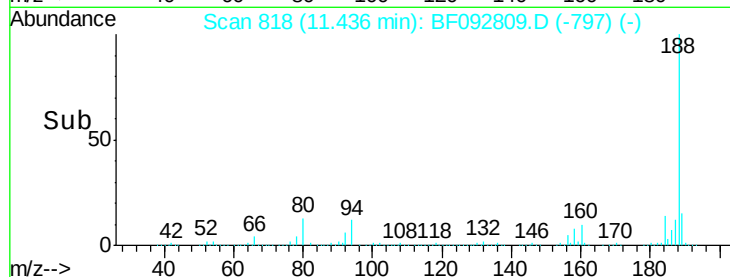
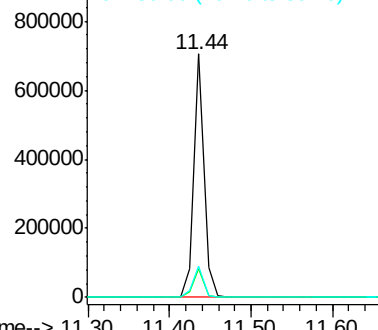
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

Tgt Ion:188 Resp: 610677
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.8 11.2 16.8

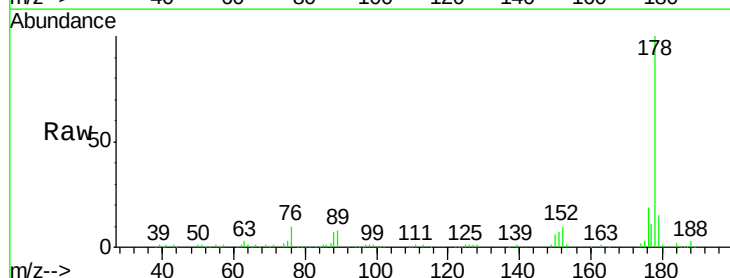


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

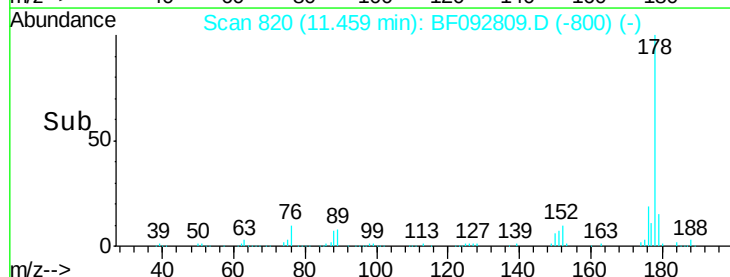
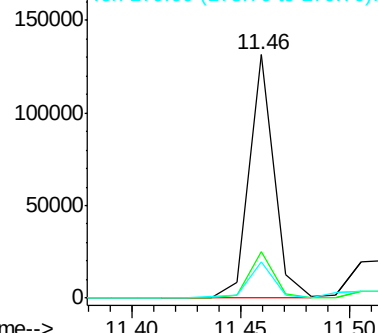


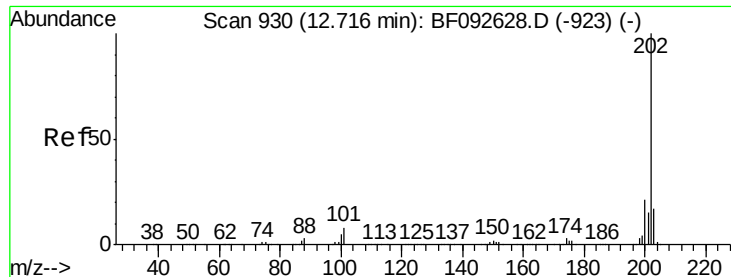
#70
Phenanthrene
Concen: 3.02 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:178 Resp: 105606
Ion Ratio Lower Upper
178 100
176 19.0 16.6 25.0
179 14.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.03 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

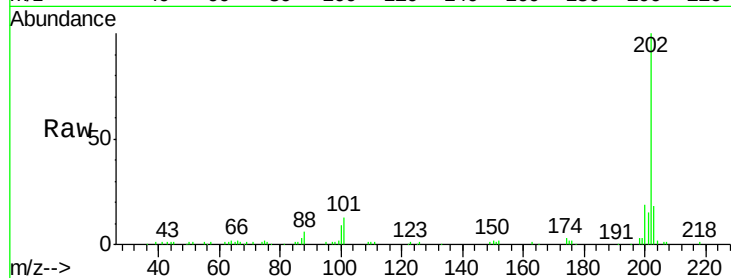
Tgt Ion:202 Resp: 73284

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

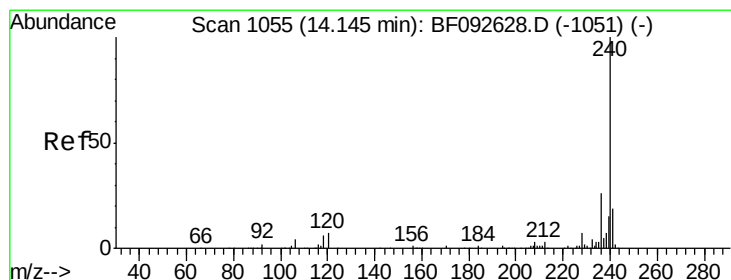
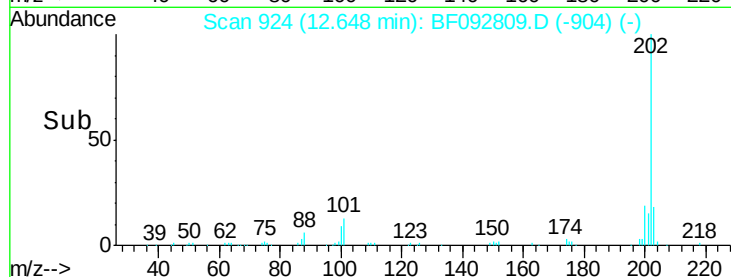
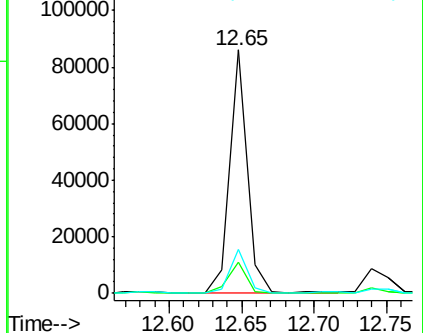
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

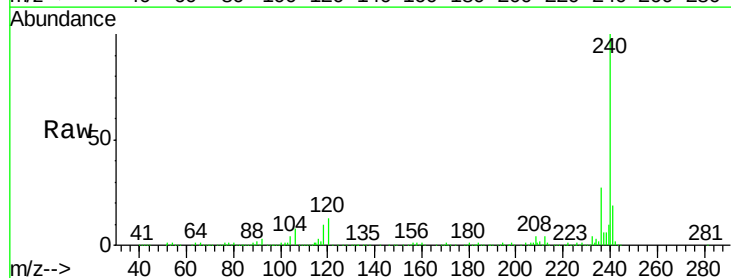
Tgt Ion:240 Resp: 491557

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

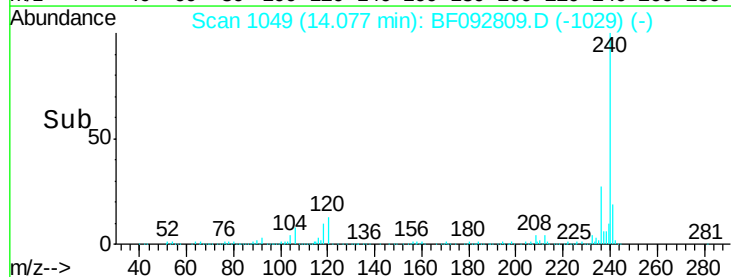
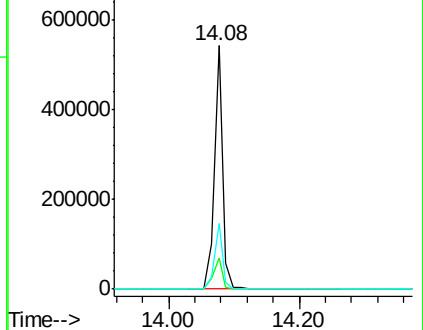
236 26.8 20.9 31.3

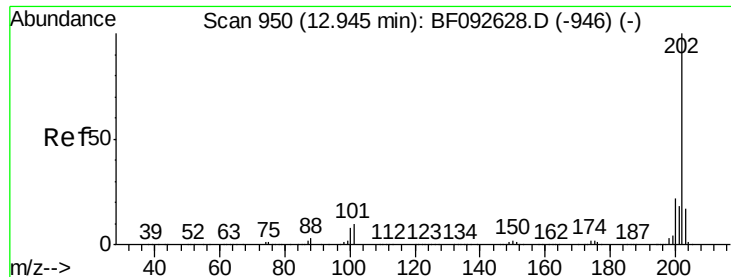


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

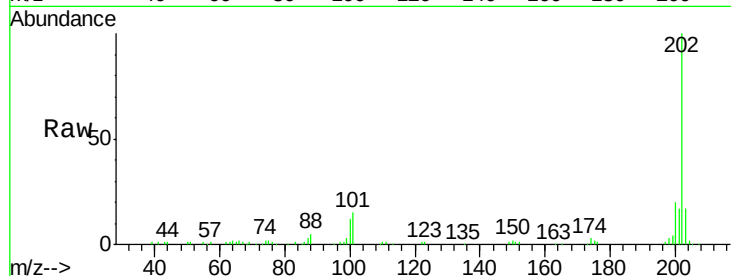




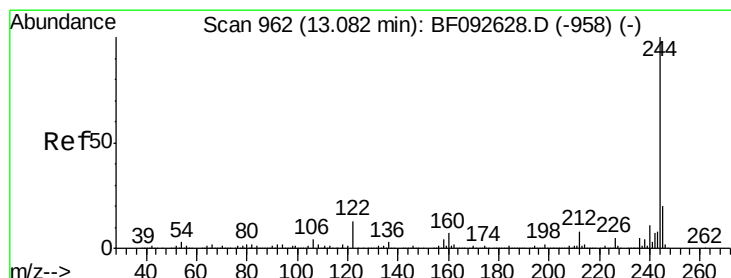
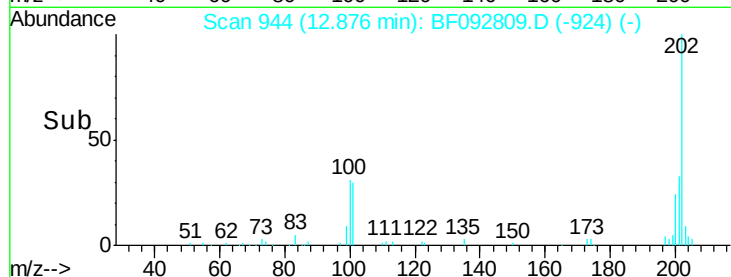
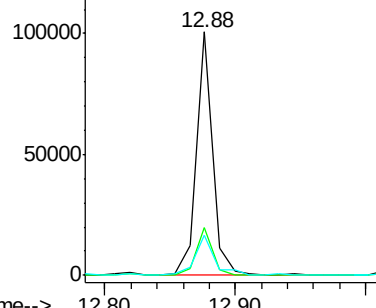
#77
 Pyrene
 Concen: 2.41 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.07 min
 Lab File: BF092809.D
 Acq: 6 Feb 2017 21:27

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

Tgt Ion: 202 Resp: 88492
 Ion Ratio Lower Upper
 202 100
 200 19.8 17.7 26.5
 203 16.7 14.7 22.1

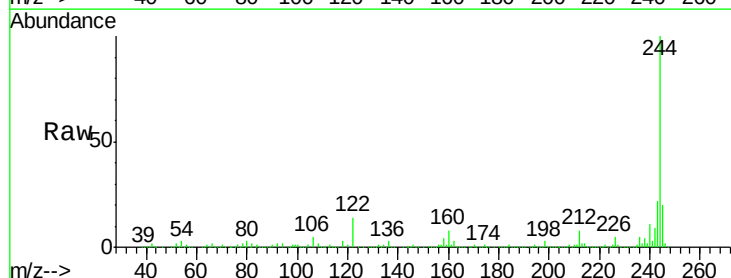


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

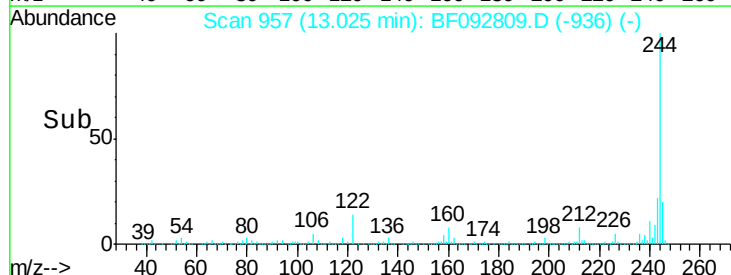
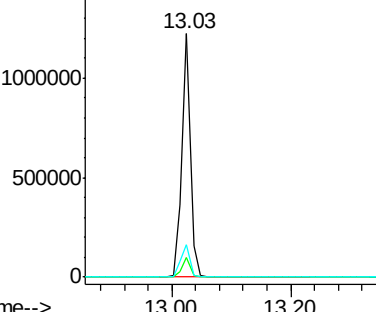


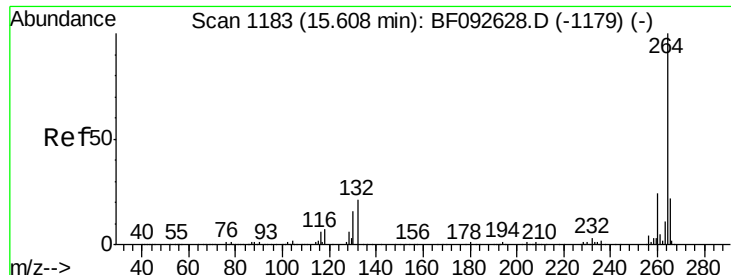
#78
 Terphenyl-d14
 Concen: 58.12 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092809.D
 Acq: 6 Feb 2017 21:27

Tgt Ion: 244 Resp: 1215795
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.6 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

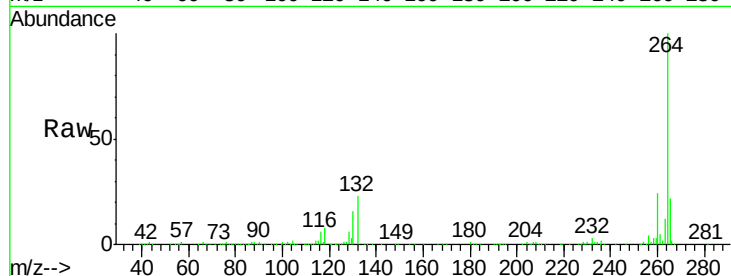




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.4	26.0



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

