

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 01:43:47 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 01:19:37 2017
 Response via : Initial Calibration

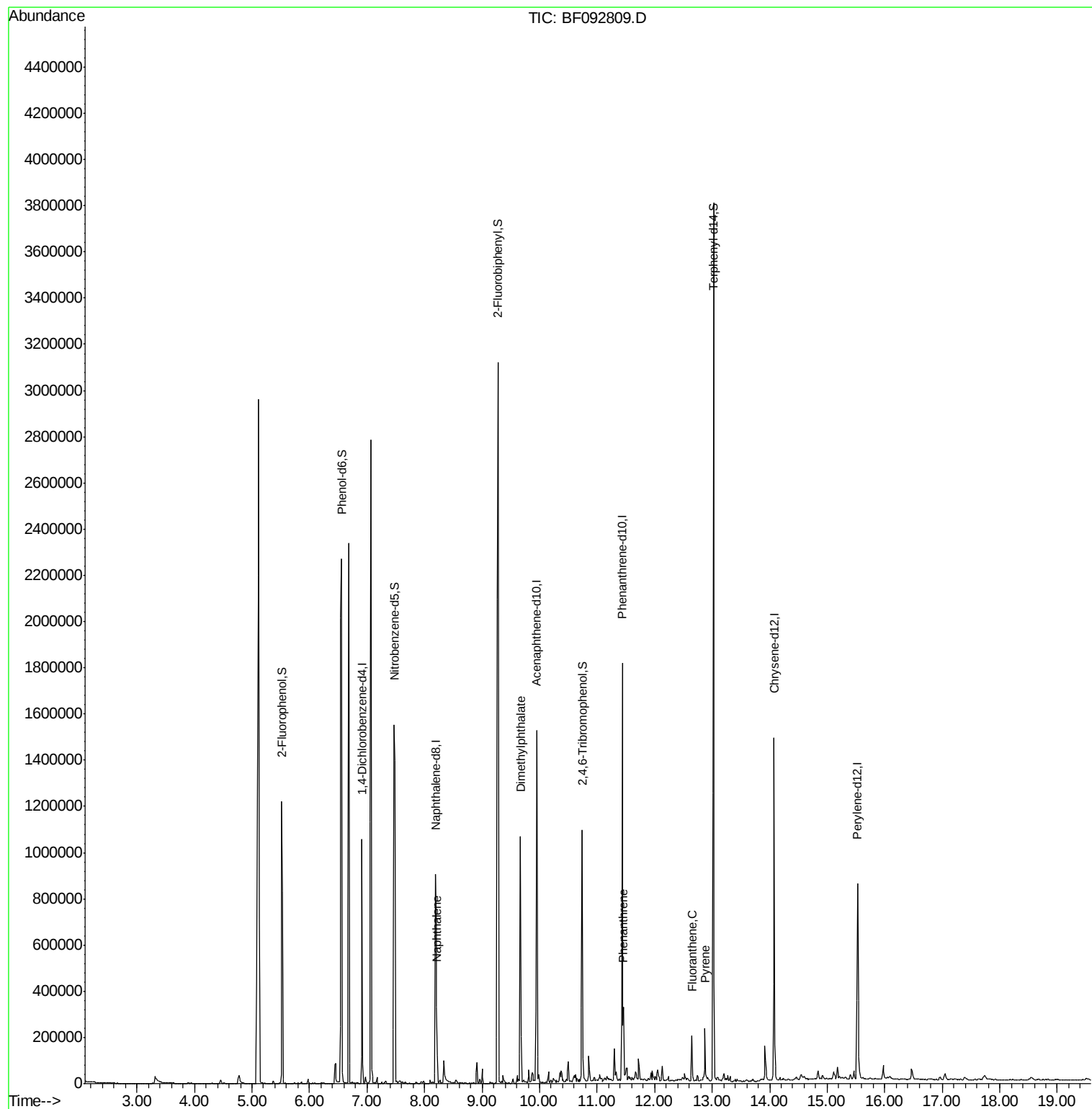
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	143031	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	554468	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	319788	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	610677	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	491557	20.00	ng	-0.01
86) Perylene-d12	15.53	264	388867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	419343	50.30	ng	0.00
7) Phenol-d6	6.56	99	1117548	104.18	ng	0.00
23) Nitrobenzene-d5	7.47	82	749407	75.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	110729	47.87	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1310927	74.27	ng	0.00
78) Terphenyl-d14	13.03	244	1215795	58.12	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.21	128	151261	5.38	ng	99
49) Dimethylphthalate	9.66	163	443241	20.58	ng	98
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

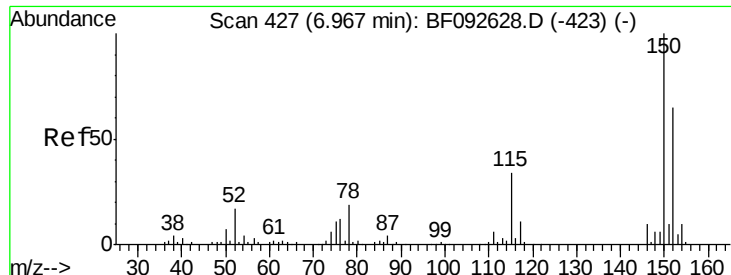
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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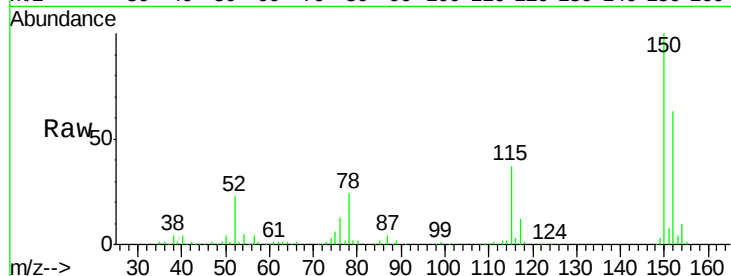


#1

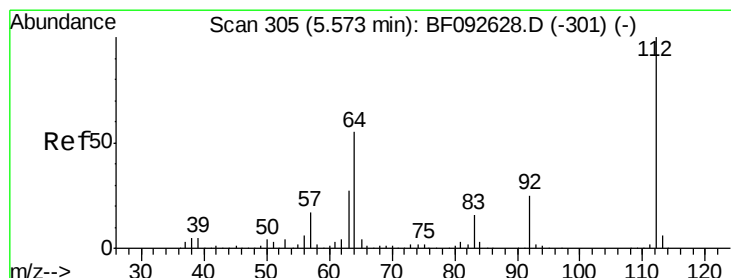
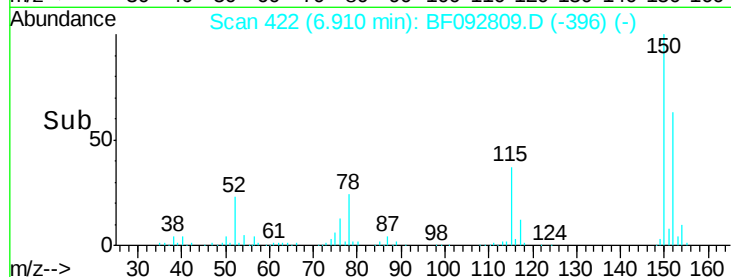
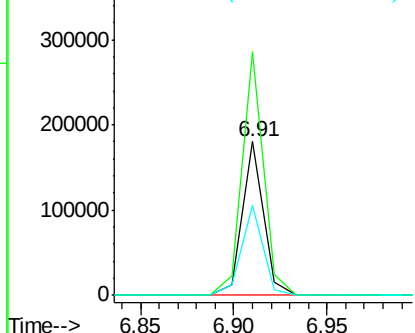
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

Tot Ion:152 Resp: 143031
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 58.9 46.0 69.0



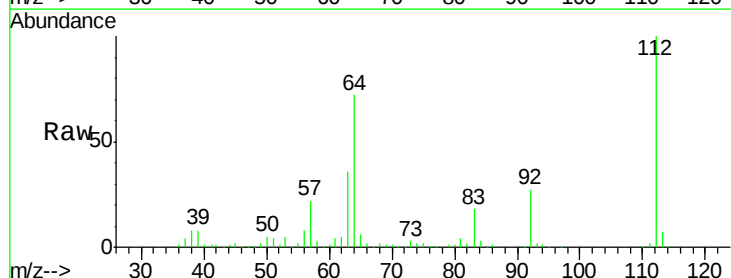
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



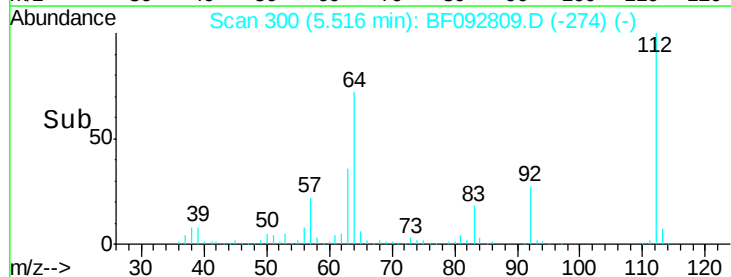
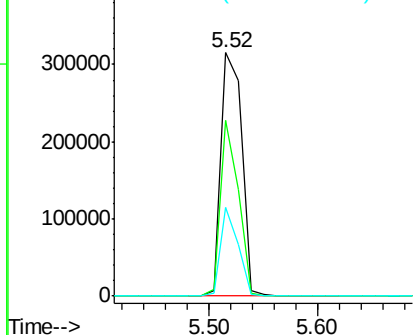
#5

2-Fluorophenol
Concen: 50.30 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.00 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. -0.00 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

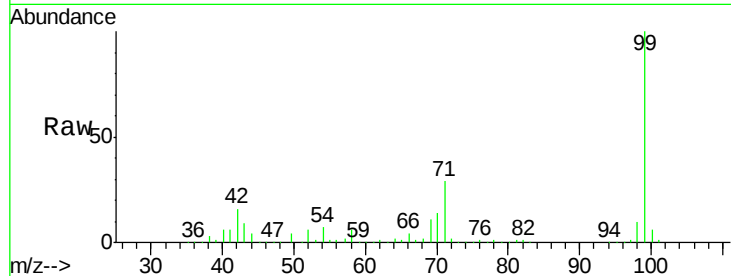
Tot Ion: 99 Resp: 1117548

Ion Ratio Lower Upper

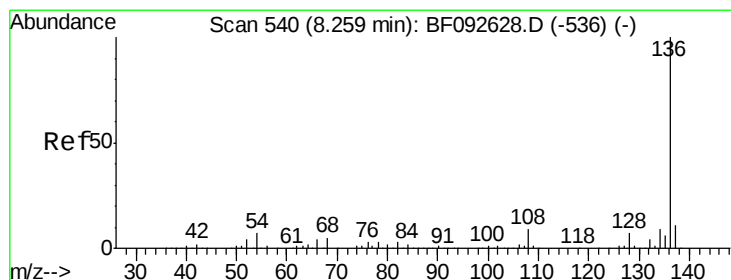
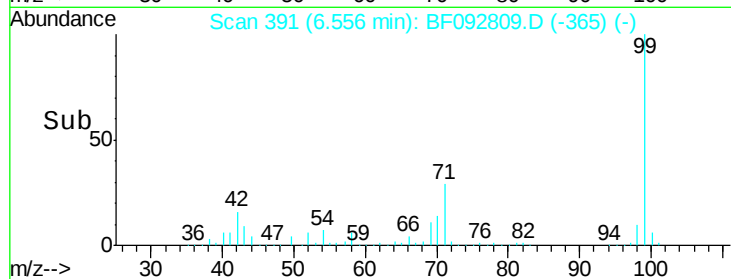
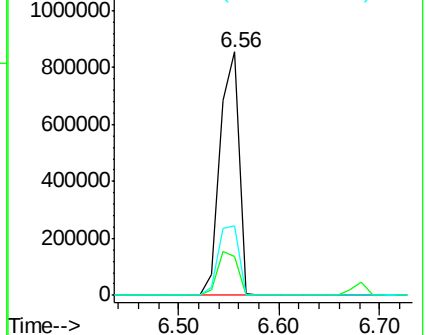
99 100

42 15.9 15.6 23.4

71 28.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Tgt Ion: 136 Resp: 554468

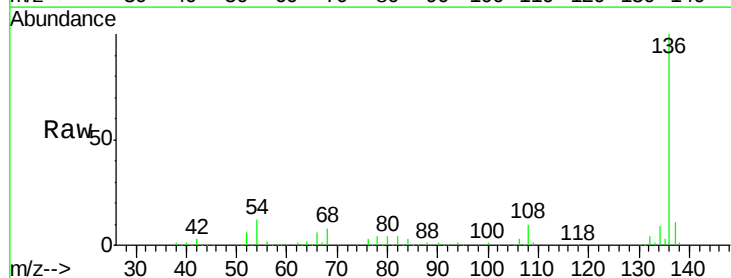
Ion Ratio Lower Upper

136 100

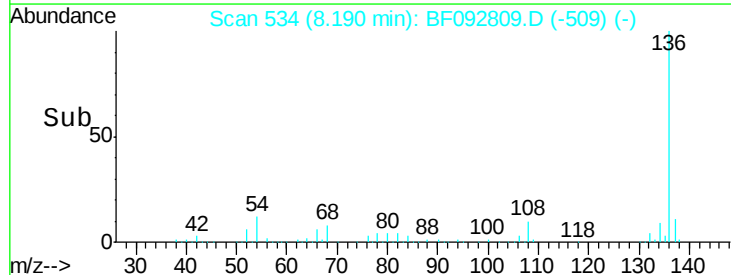
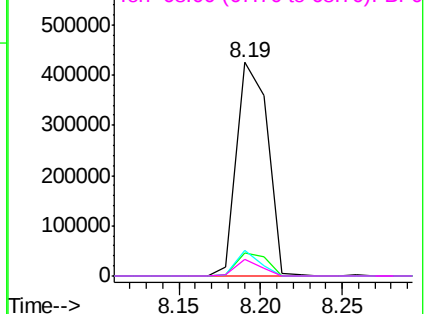
137 11.1 8.4 12.6

54 12.1 4.5 6.7#

68 7.6 3.6 5.4#



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

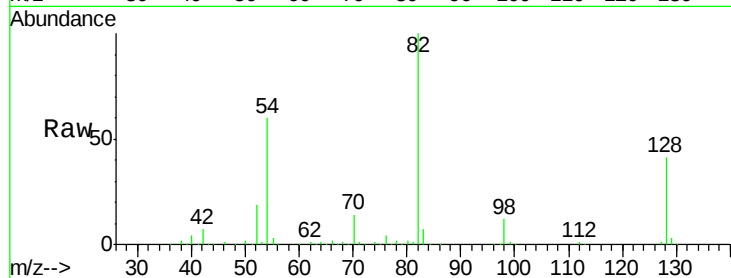




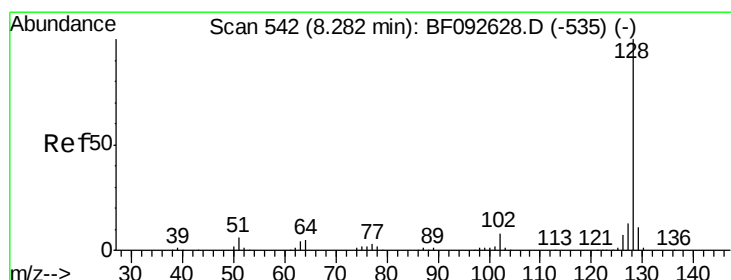
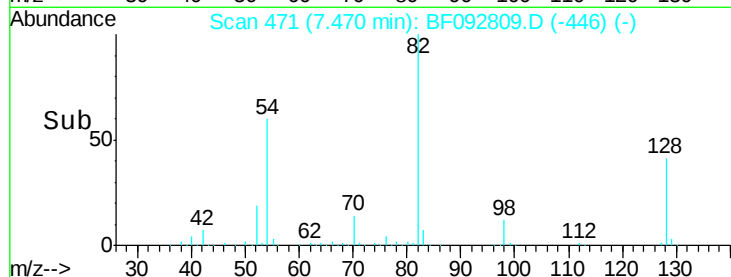
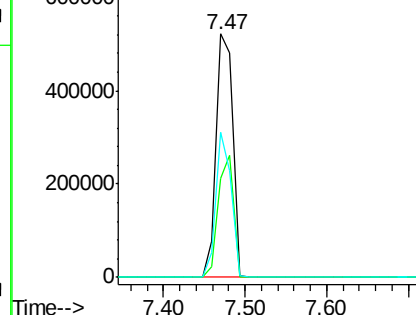
#23
Nitrobenzene-d5
Concen: 75.27 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

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

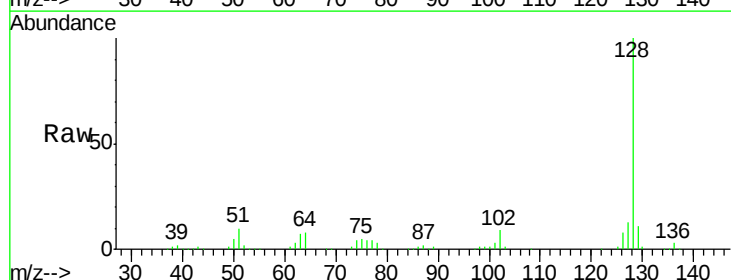


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

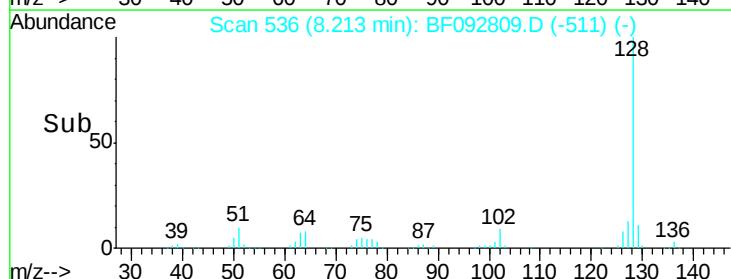
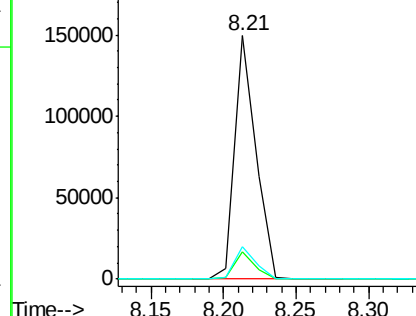


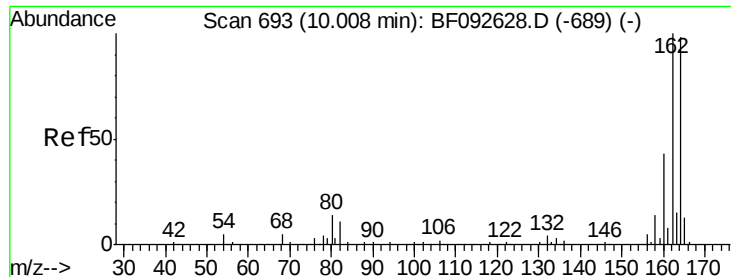
#31
Naphthalene
Concen: 5.38 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

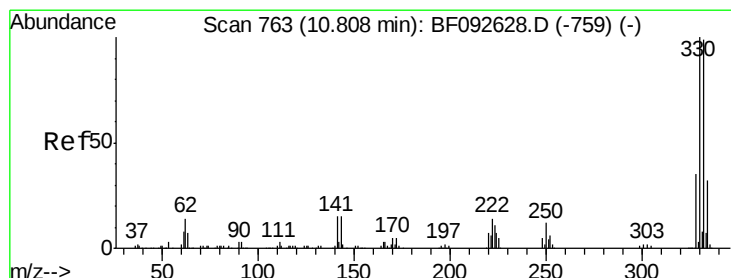
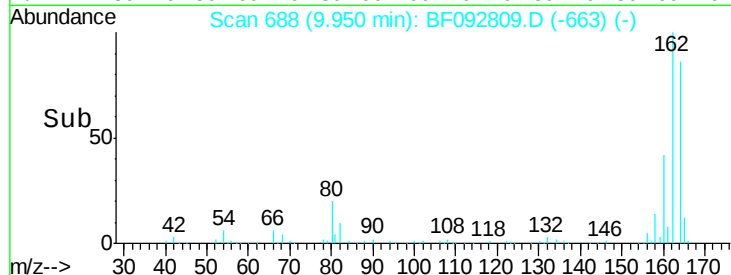
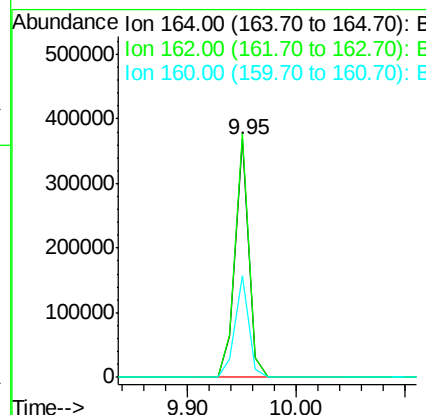
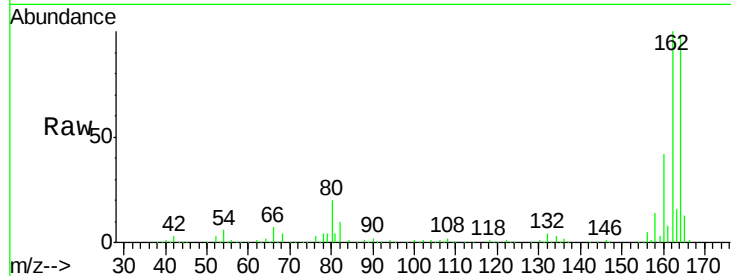




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

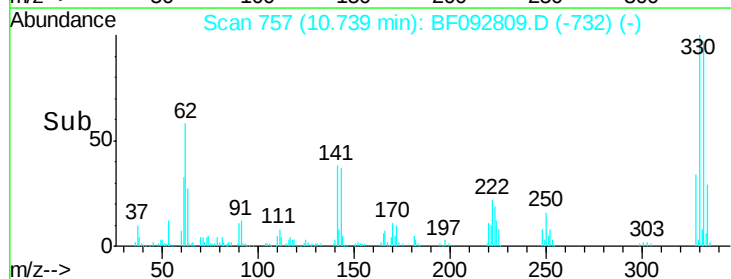
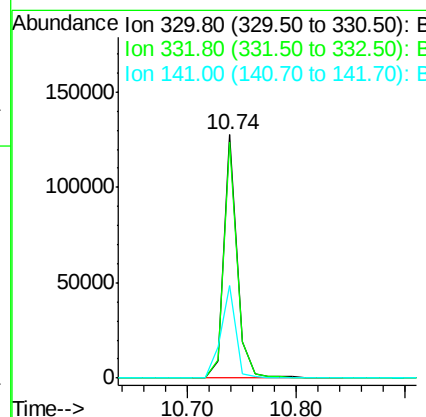
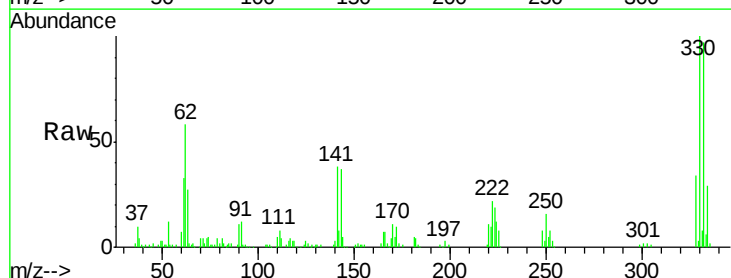
Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tot Ion:164 Resp: 319788
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 42.6 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 47.87 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

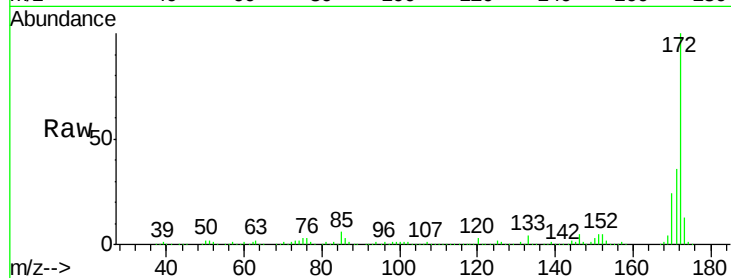




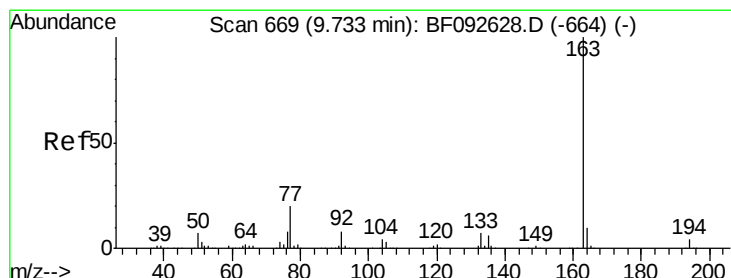
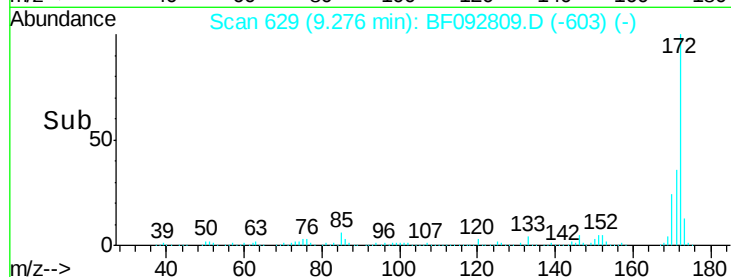
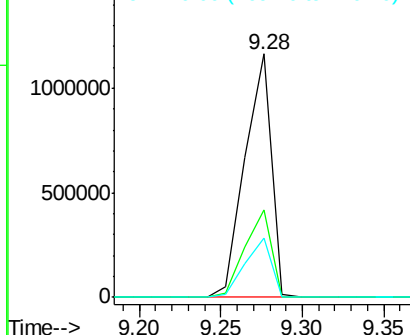
#44
2-Fluorobiphenyl
Concen: 74.27 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

Tot Ion:172 Resp: 1310927
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.1 20.2 30.4

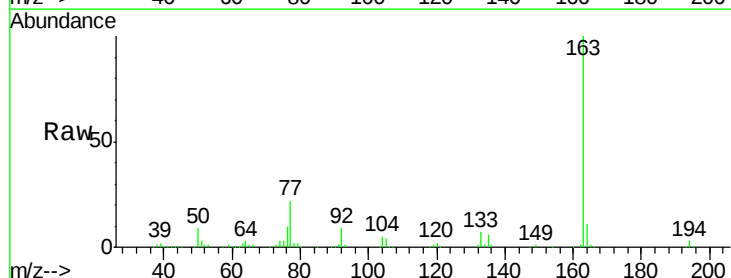


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

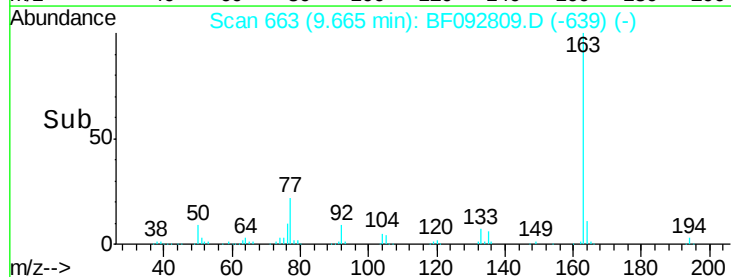
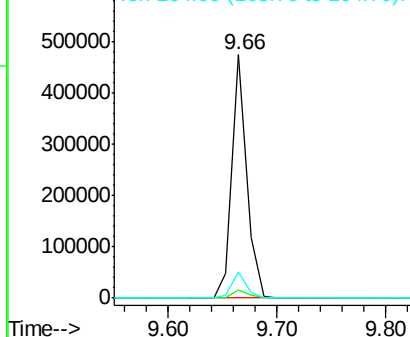


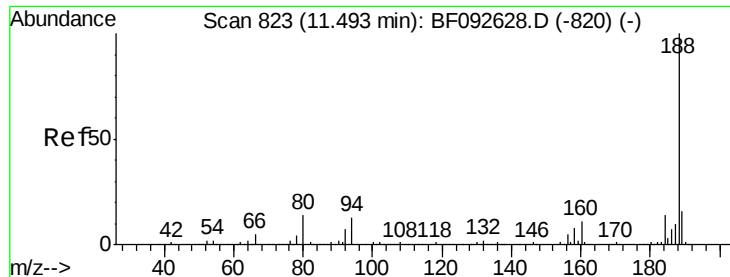
#49
Dimethylphthalate
Concen: 20.58 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

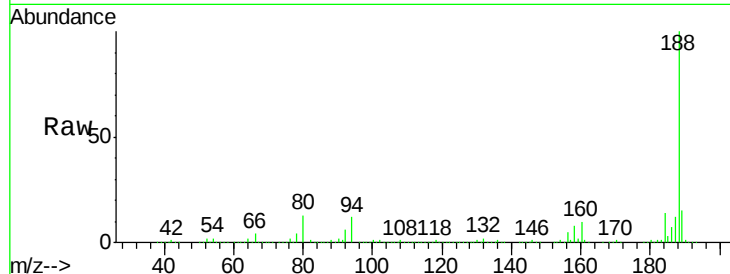




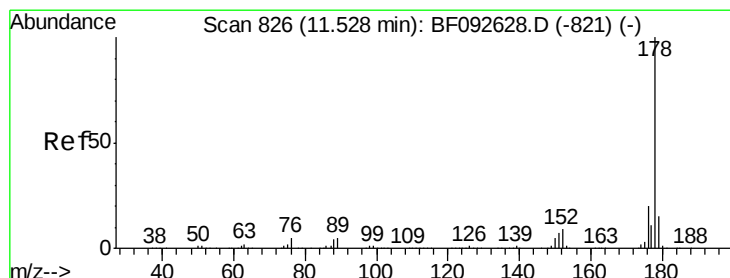
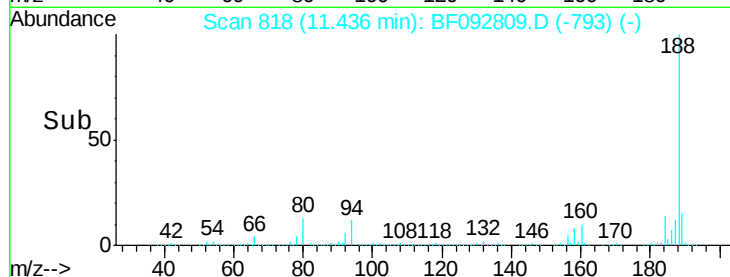
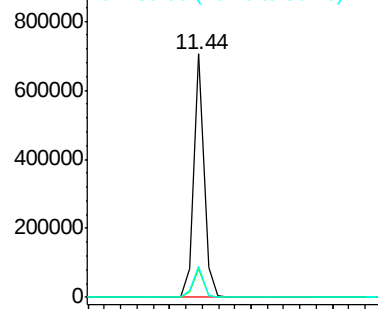
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

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

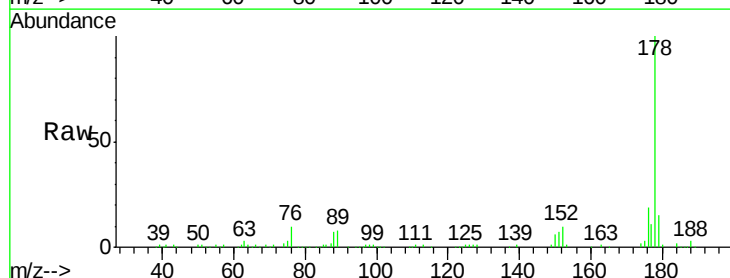


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

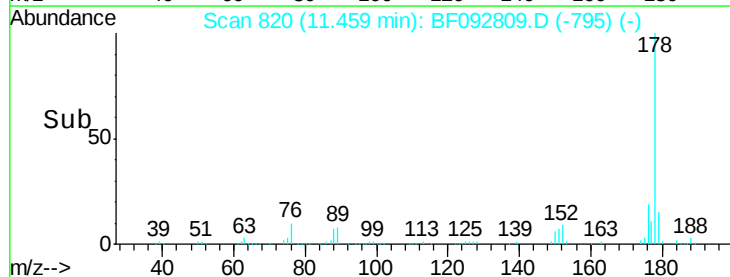
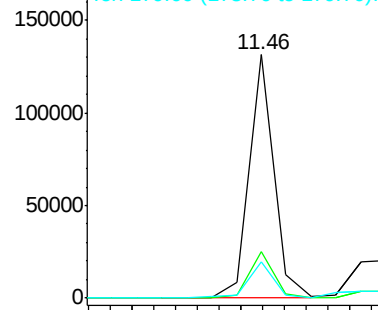


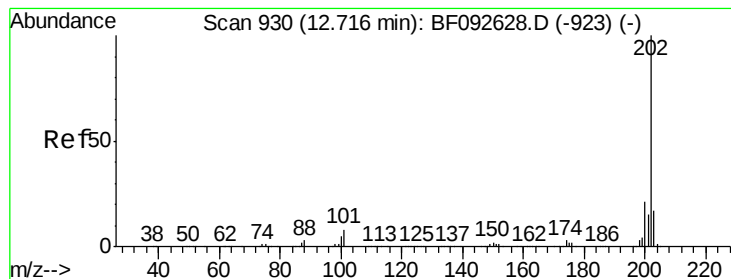
#70
Phenanthrene
Concen: 3.02 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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. -0.01 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

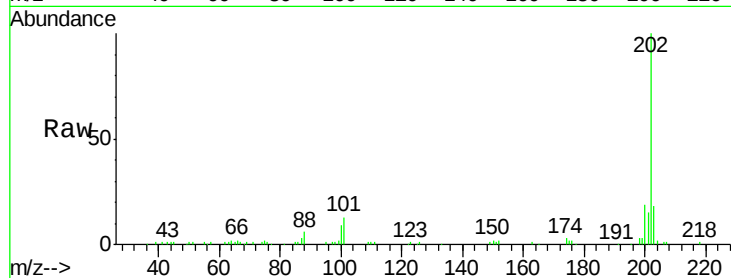
Tot Ion:202 Resp: 73284

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

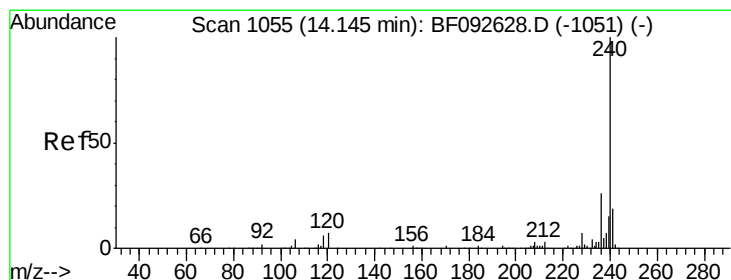
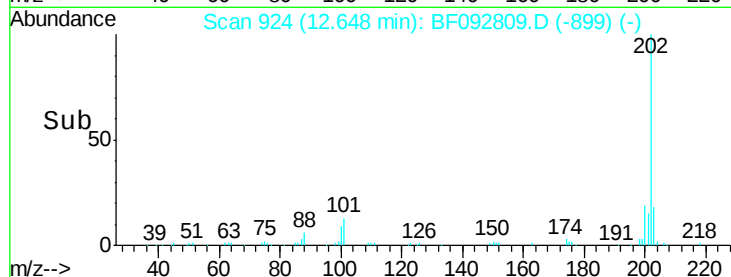
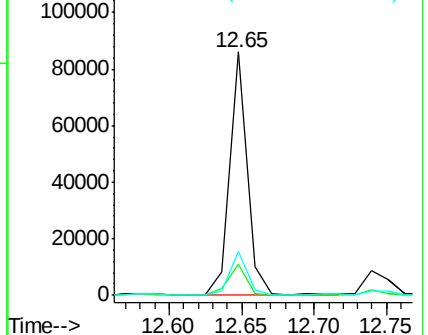
203 17.9 0.0 38.7



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. -0.01 min

Lab File: BF092809.D

Acq: 6 Feb 2017 21:27

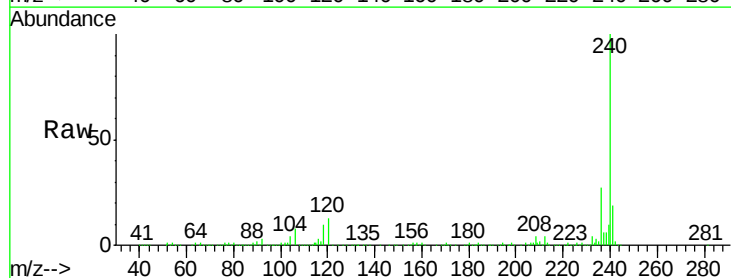
Tgt Ion:240 Resp: 491557

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

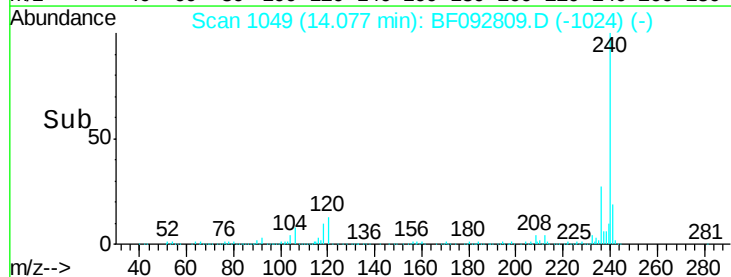
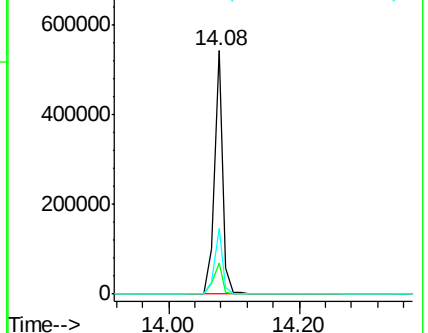
236 26.8 20.9 31.3

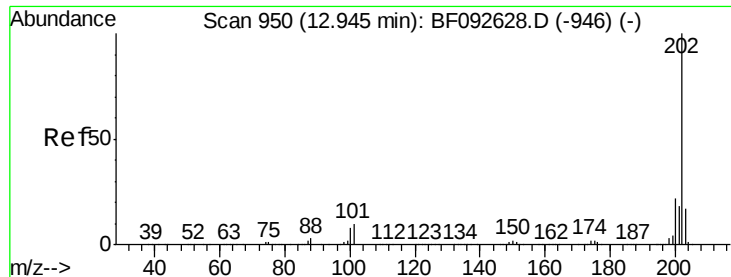


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

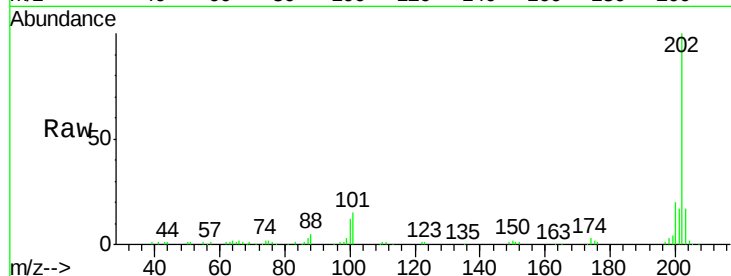




#77
Pvrene
Concen: 2.41 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

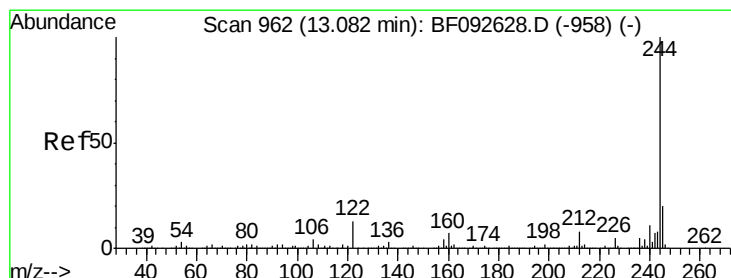
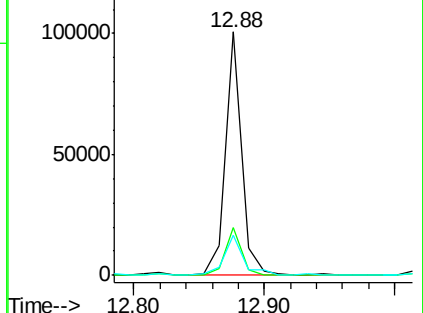
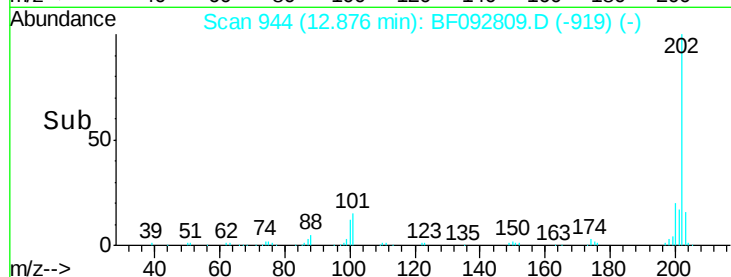
Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

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



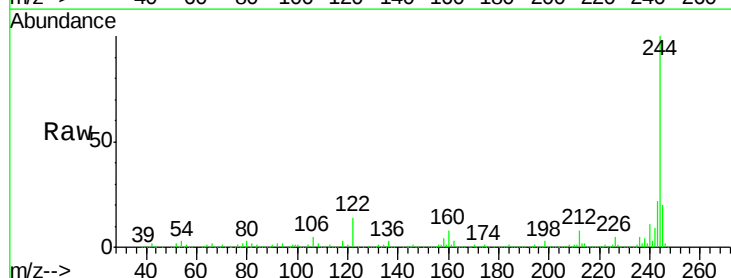
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.88



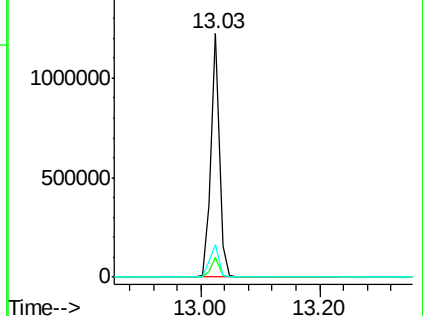
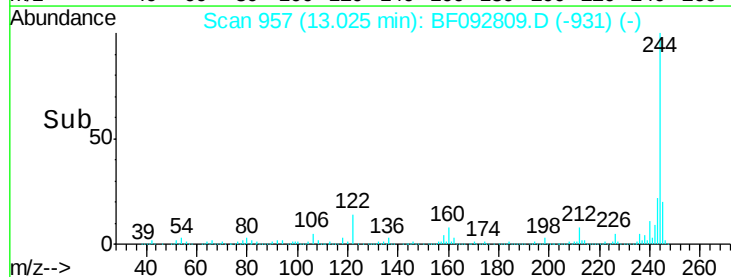
#78
Terphenyl-d14
Concen: 58.12 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

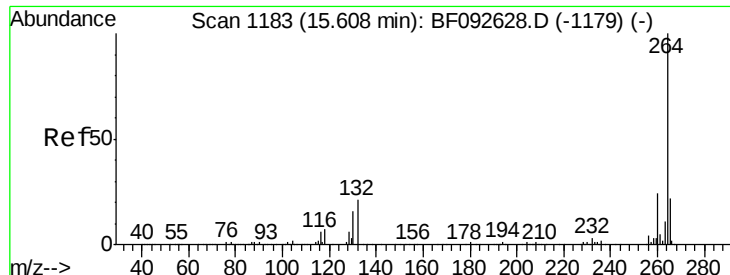
Tgt Ion:244 Resp: 1215795
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 13.6 11.4 17.2



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

13.03

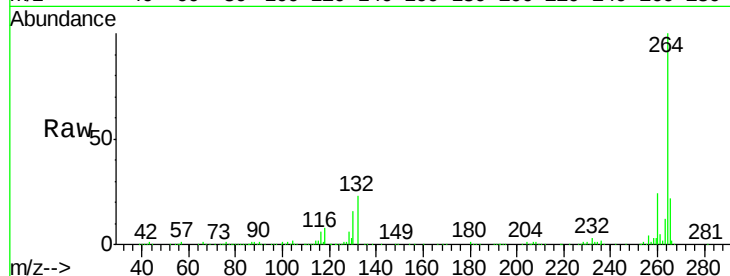




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

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

Tot 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

