

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114092.D
 Acq On : 2 May 2019 18:44
 Operator : JU/SJ
 Sample : K2627-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 03 00:55:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

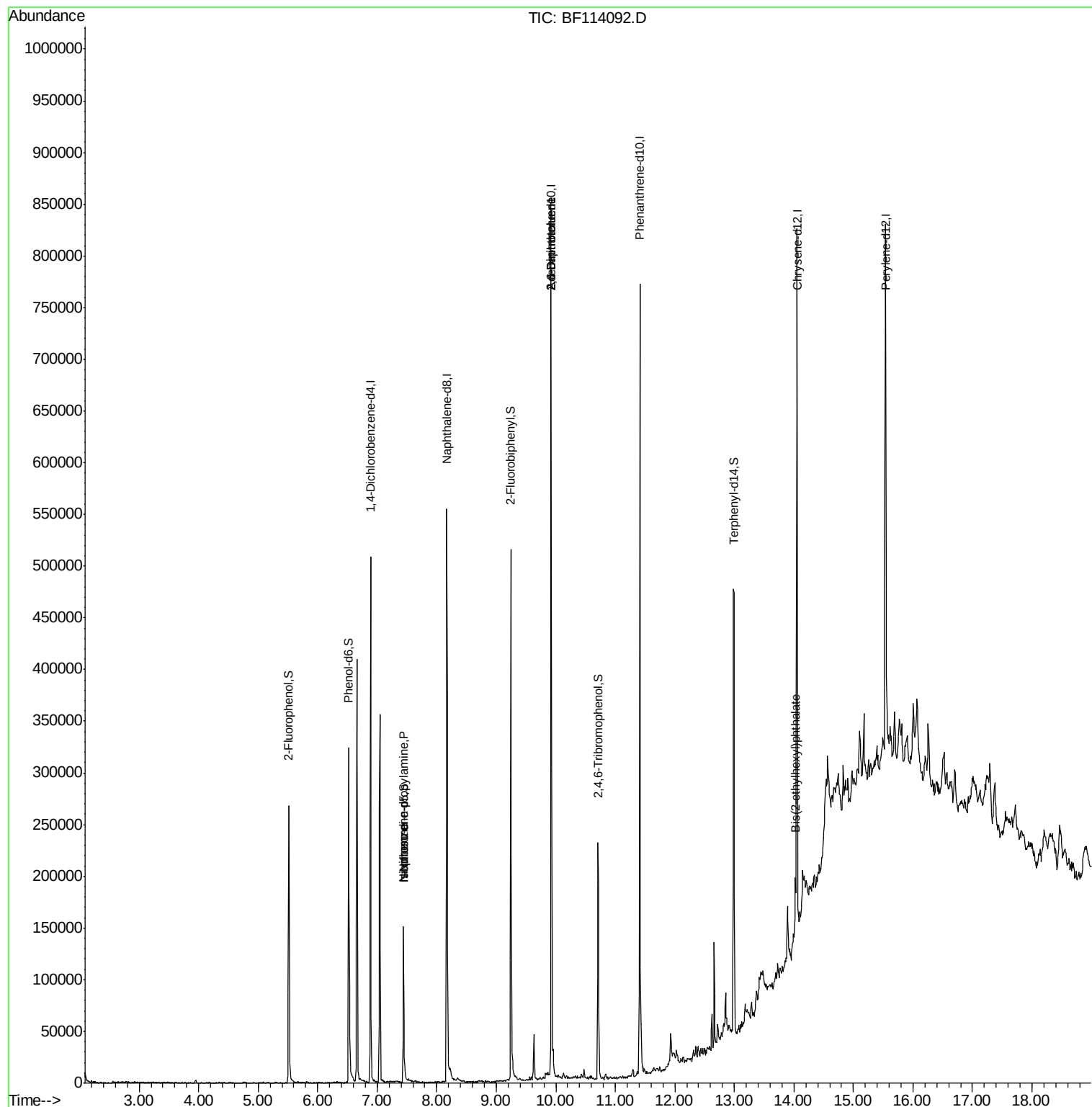
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	74973	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	292442	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	189931	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	282500	20.00	ng	0.00
76) Chrysene-d12	14.05	240	230618	20.00	ng	-0.02
87) Perylene-d12	15.54	264	253784	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	96183	21.94	ng	0.00
7) Phenol-d6	6.52	99	131802	23.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	62962	13.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	34684	14.99	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	204179	16.81	ng	-0.01
79) Terphenyl-d14	12.99	244	161268	14.34	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	2247	Below Cal		92
19) n-Nitroso-di-n-propylamine	7.44	70	8193	2.300 ng	#	75
25) Isophorone	7.44	82	62961	6.497 ng	#	65
51) 2,6-Dinitrotoluene	9.92	165	24006	8.146 ng	#	34
57) 2,4-Dinitrotoluene	9.92	165	24006	6.454 ng	#	30
84) Bis(2-ethylhexyl)phthalate	14.03	149	17077	2.115 ng	#	98

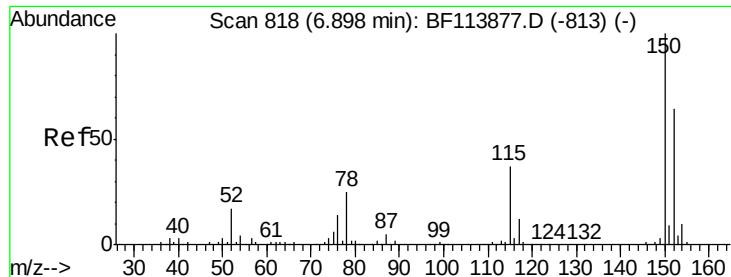
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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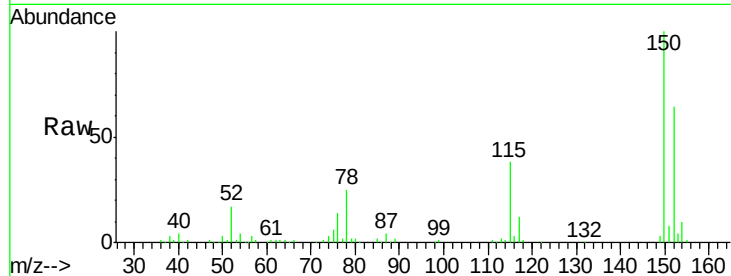


#1

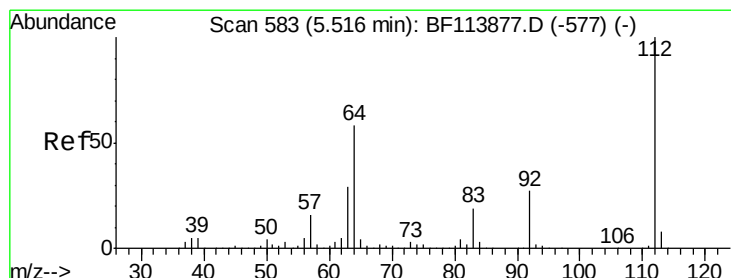
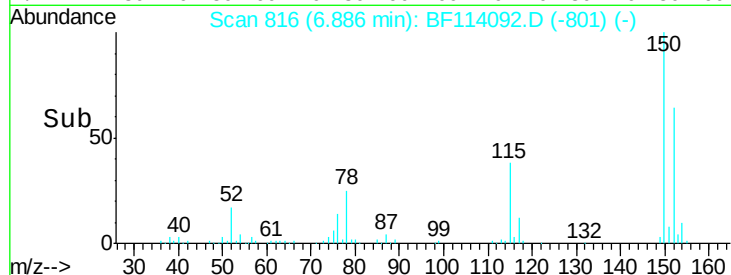
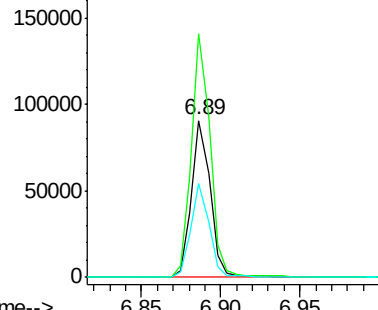
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114092.D
Acq: 2 May 2019 18:44

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion:152 Resp: 74973
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 59.8 45.9 68.9



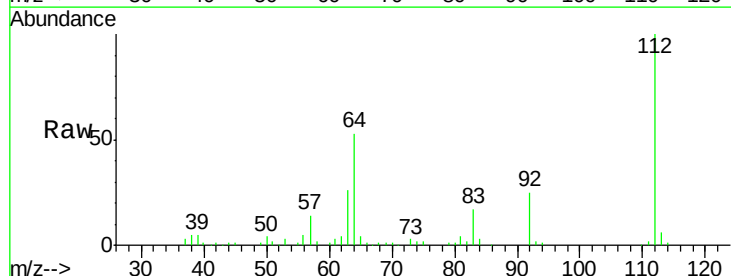
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



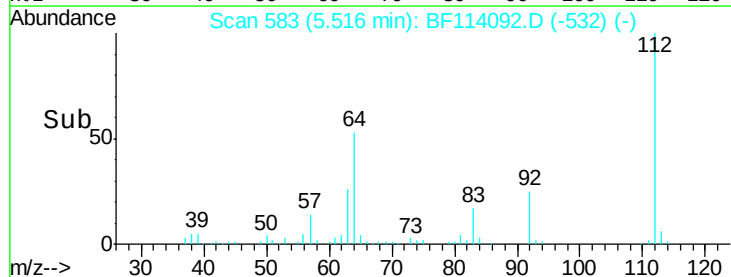
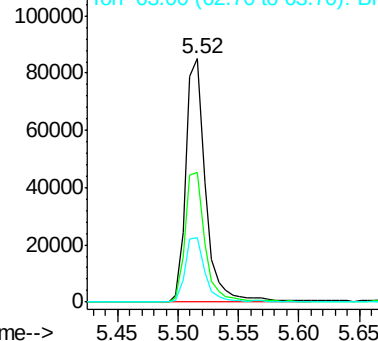
#5

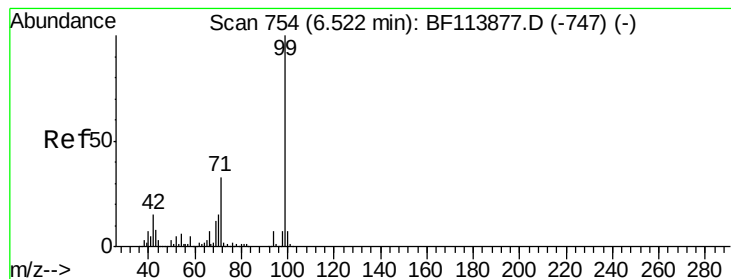
2-Fluorophenol
Concen: 21.942 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114092.D
Acq: 2 May 2019 18:44

Tgt Ion:112 Resp: 96183
Ion Ratio Lower Upper
112 100
64 53.2 46.6 69.8
63 26.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.966 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Instrument :

BNA_F

ClientSampleId :

WC-1

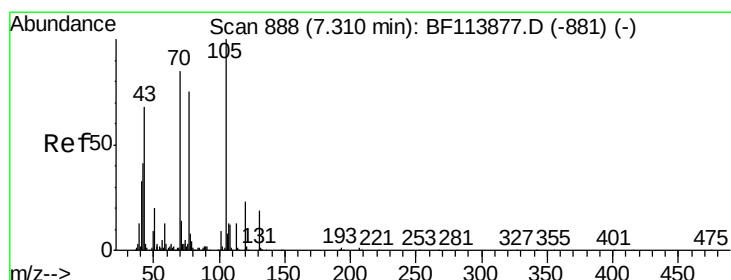
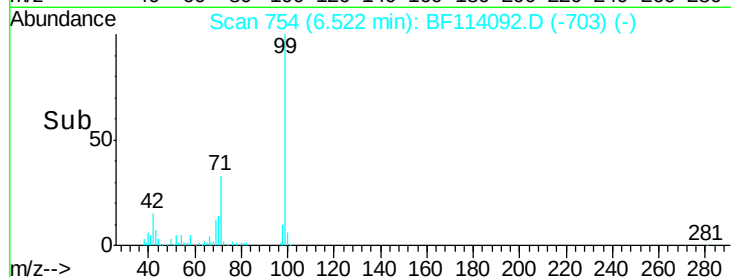
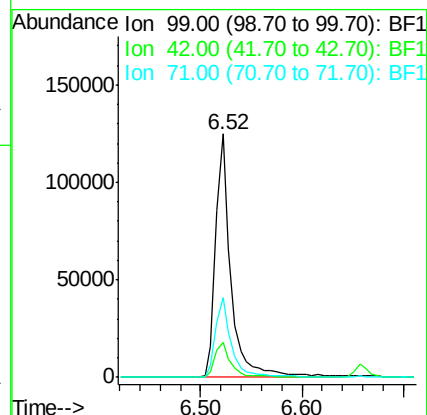
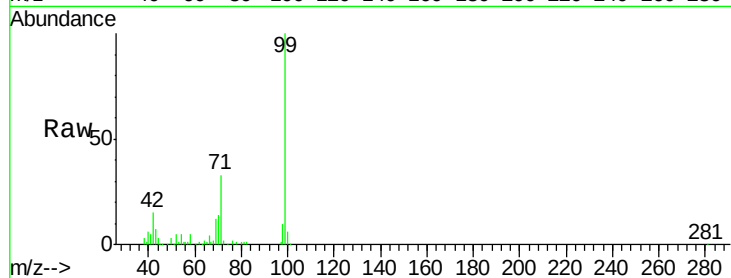
Tot Ion: 99 Resp: 131802

Ion Ratio Lower Upper

99 100

42 14.5 12.5 18.7

71 32.7 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.300 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.13 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Tgt Ion: 70 Resp: 8193

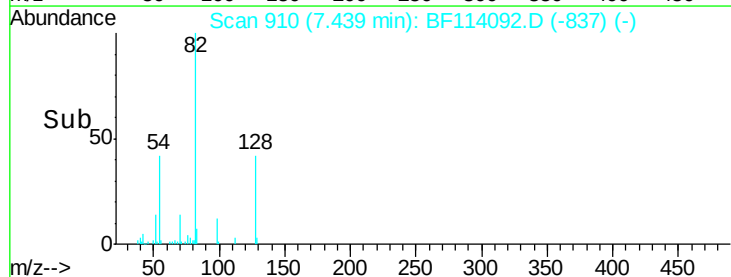
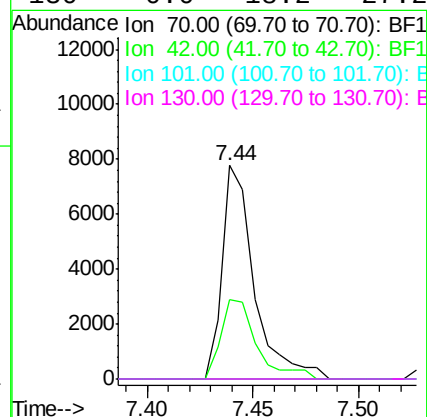
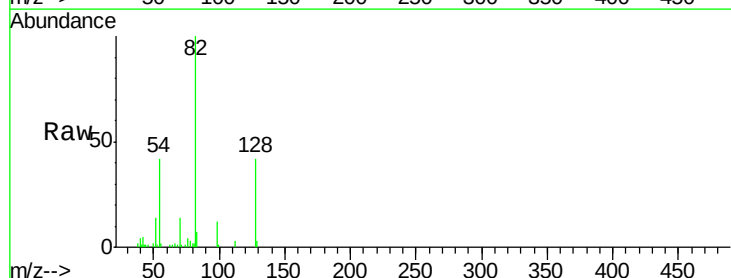
Ion Ratio Lower Upper

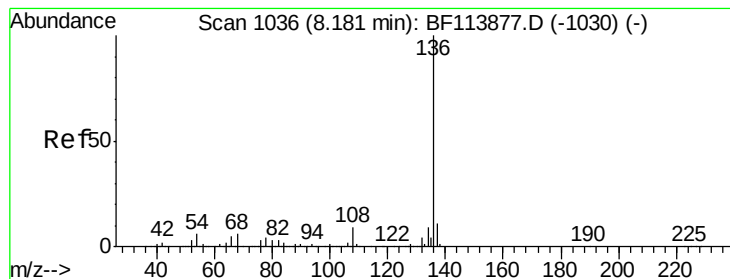
70 100

42 37.2 37.3 55.9#

101 0.0 7.8 11.8#

130 0.0 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Instrument :

BNA_F

ClientSampleId :

WC-1

Tot Ion:136 Resp: 292442

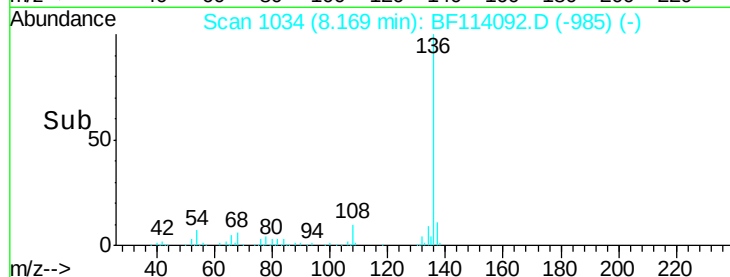
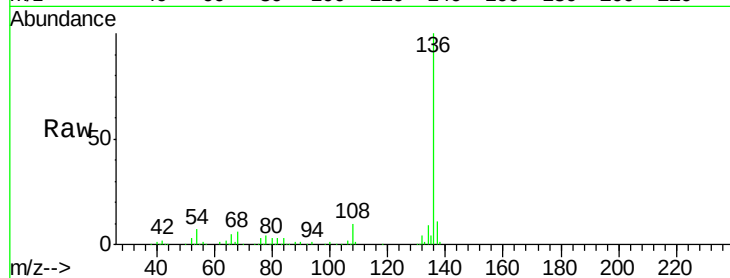
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.7 5.0 7.6

68 6.2 4.9 7.3

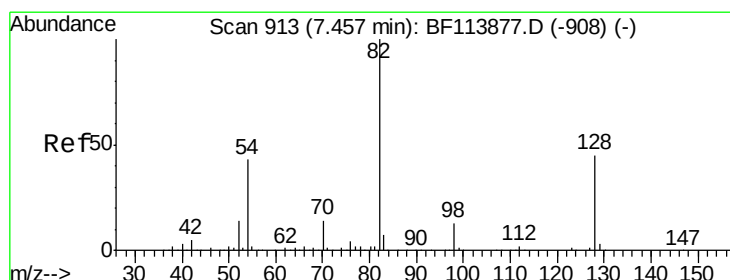
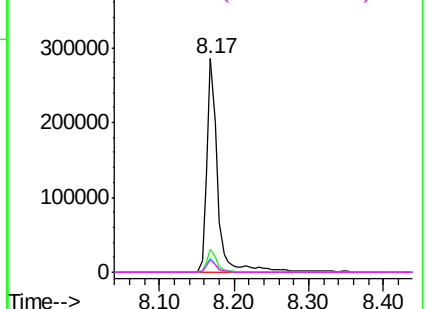


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 13.293 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

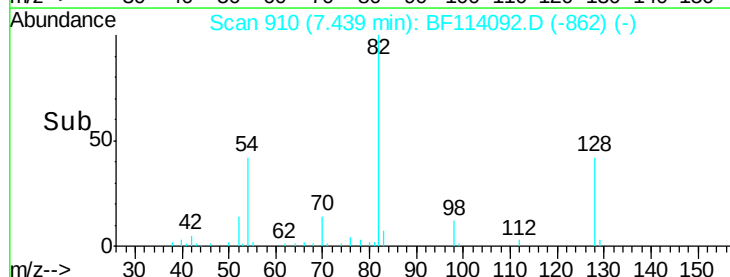
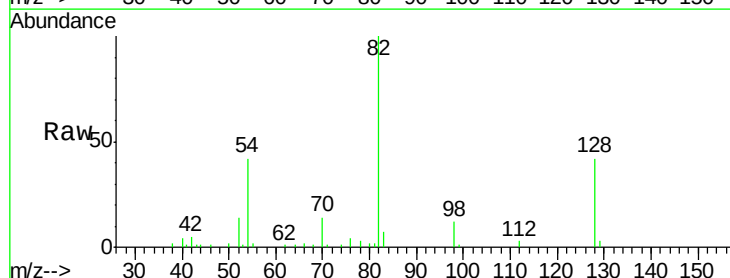
Tgt Ion: 82 Resp: 62962

Ion Ratio Lower Upper

82 100

128 42.2 36.8 55.2

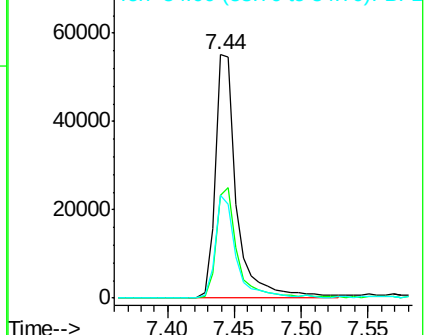
54 42.3 33.8 50.6

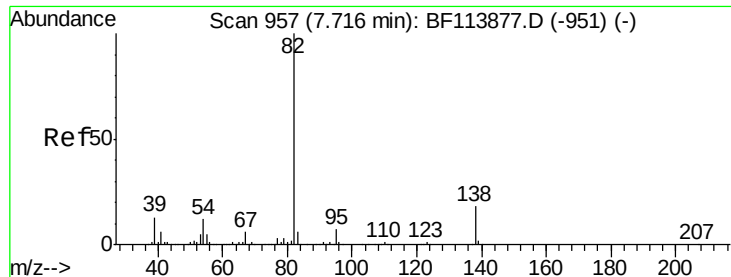


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.497 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.28 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Instrument :

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ClientSampleId :

WC-1

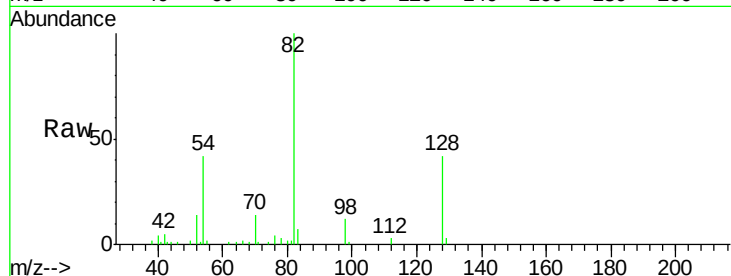
Tot Ion: 82 Resp: 62961

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

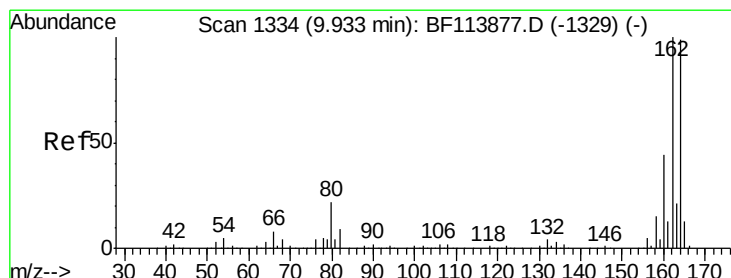
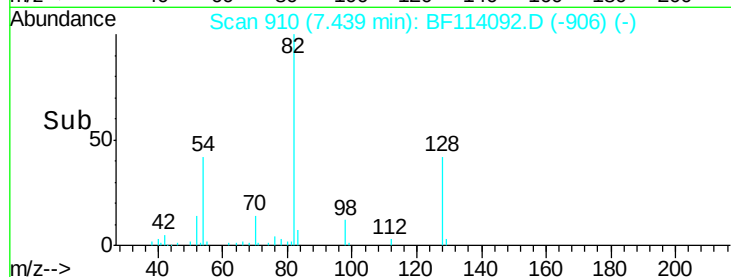
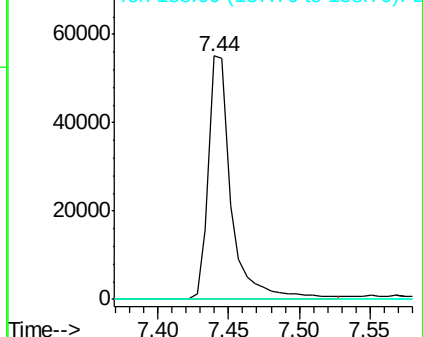
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

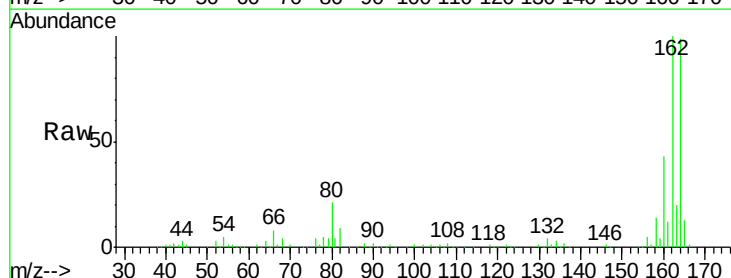
Tgt Ion:164 Resp: 189931

Ion Ratio Lower Upper

164 100

162 101.0 81.1 121.7

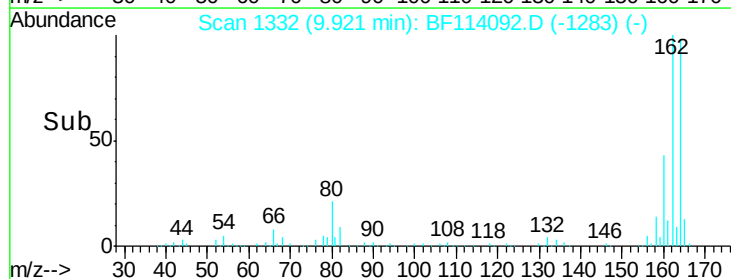
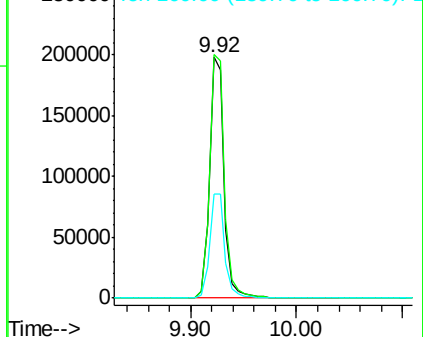
160 43.0 35.8 53.6

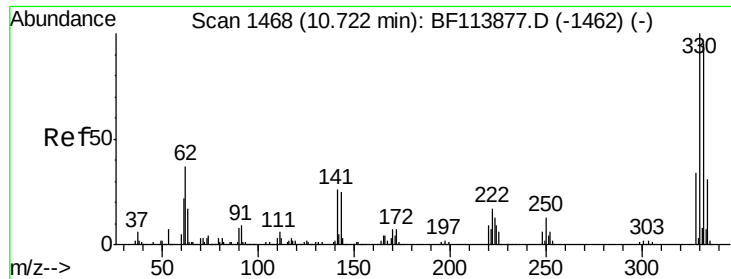


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 14.990 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Instrument :

BNA_F

ClientSampleId :

WC-1

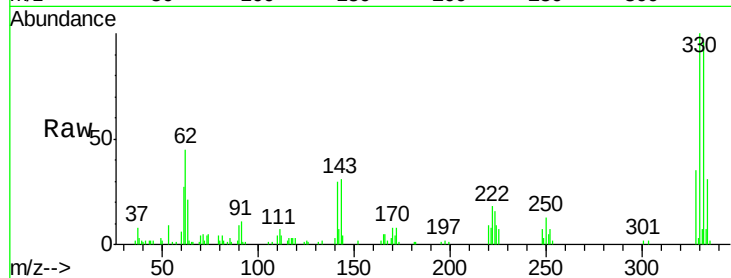
Tot Ion:330 Resp: 34684

Ion Ratio Lower Upper

330 100

332 94.6 77.5 116.3

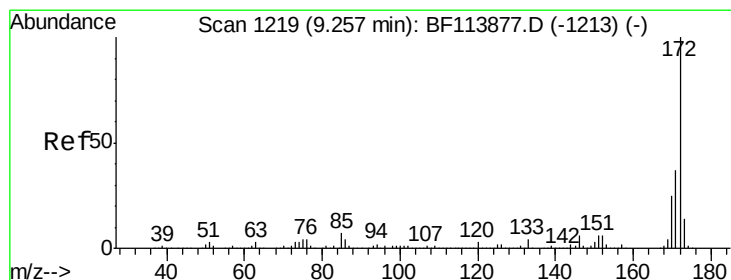
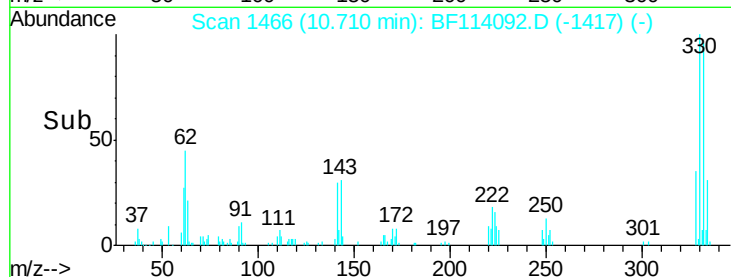
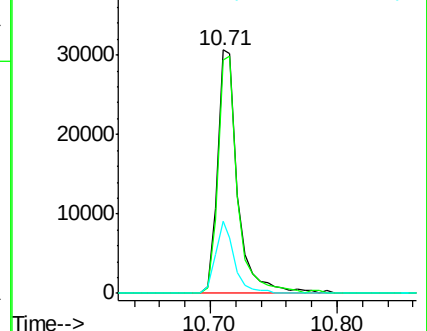
141 27.2 22.2 33.2



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



#45

2-Fluorobiphenyl

Concen: 16.814 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

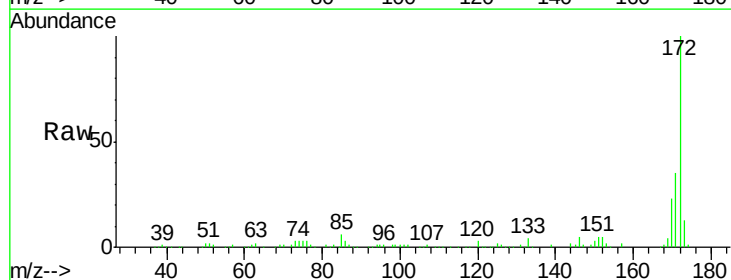
Tgt Ion:172 Resp: 204179

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

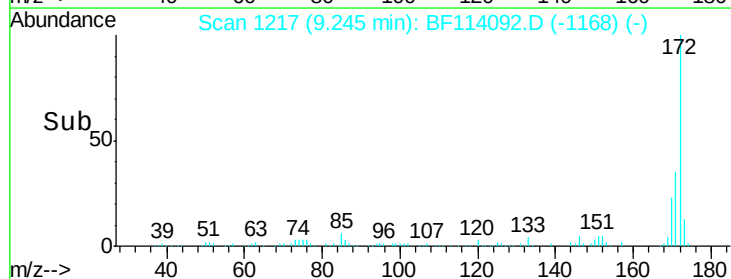
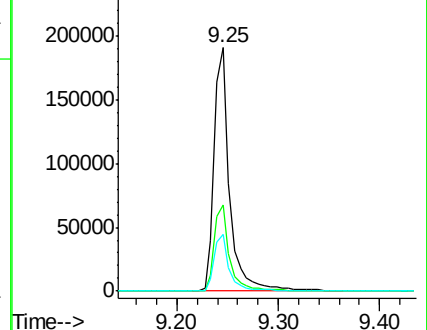
170 23.4 19.9 29.9

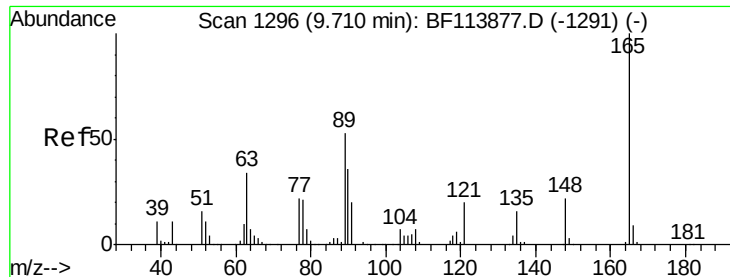


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

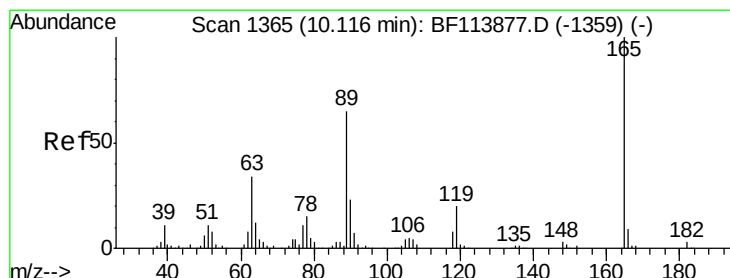
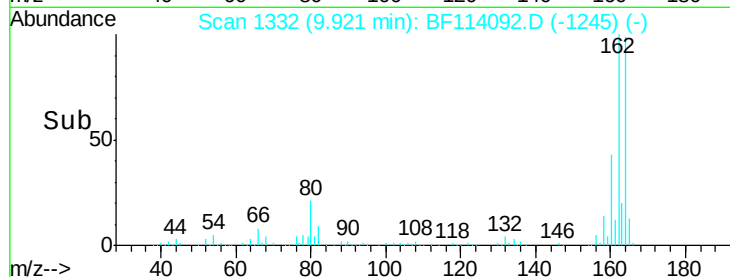
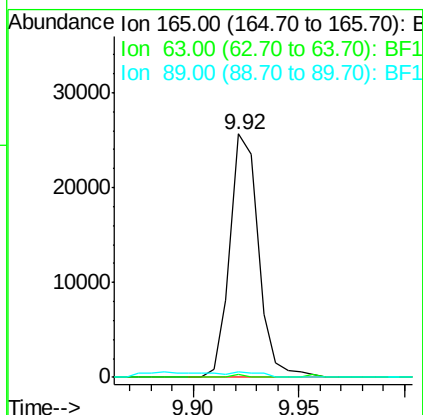
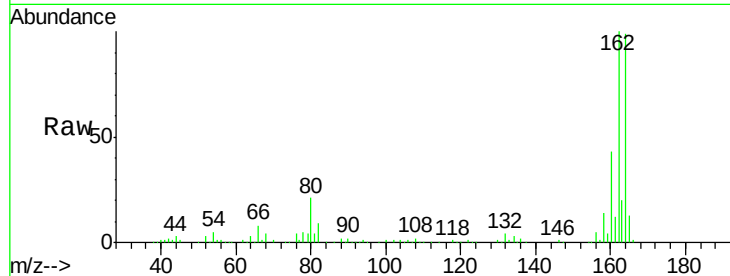




#51
 2,6-Dinitrotoluene
 Concen: 8.146 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF114092.D
 Acq: 2 May 2019 18:44

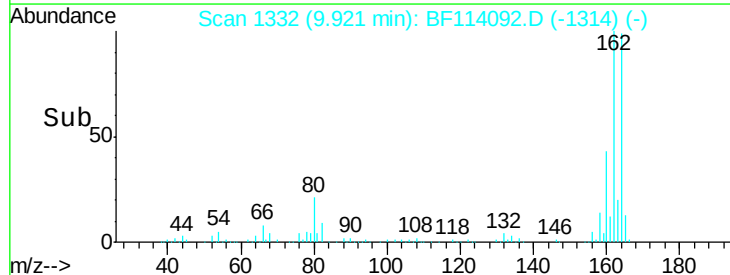
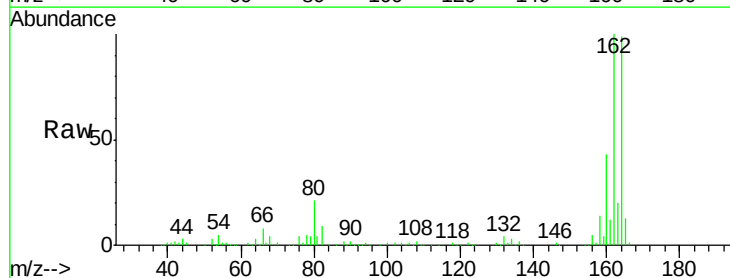
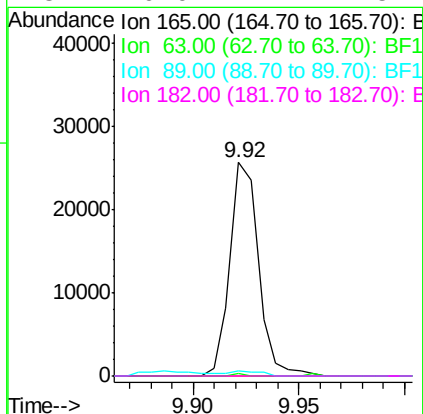
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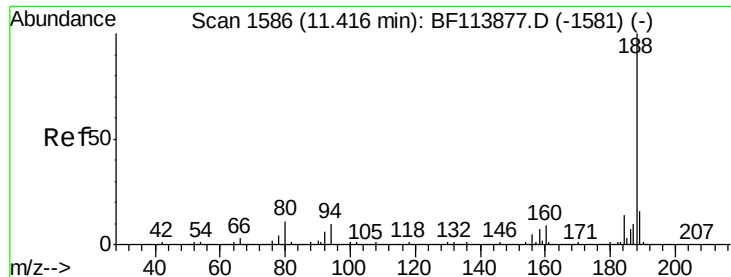
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	2.3	38.2	57.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.454 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF114092.D
 Acq: 2 May 2019 18:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	2.3	51.8	77.6#
182	0.0	2.2	3.2#

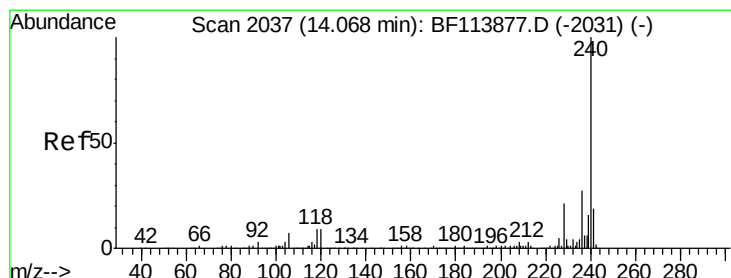
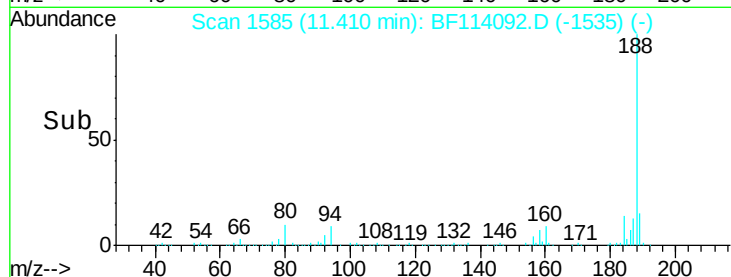
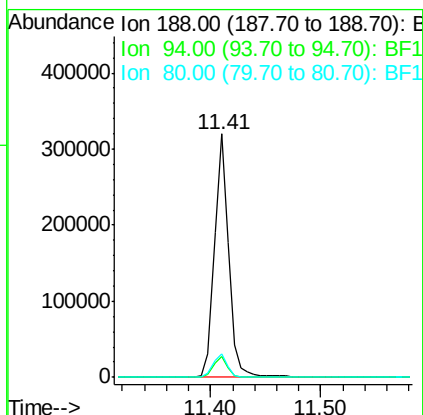
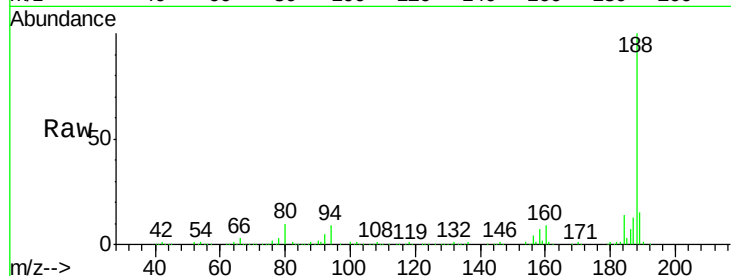




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114092.D
Acq: 2 May 2019 18:44

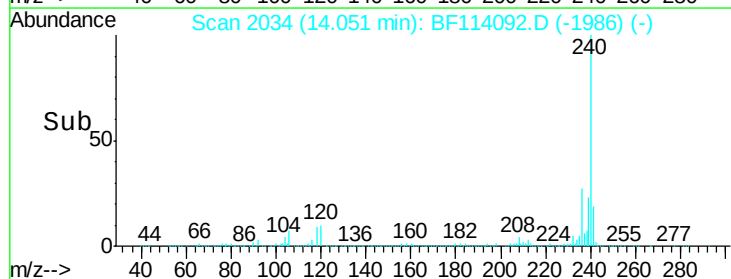
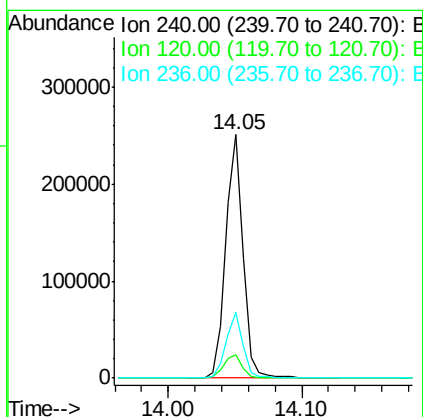
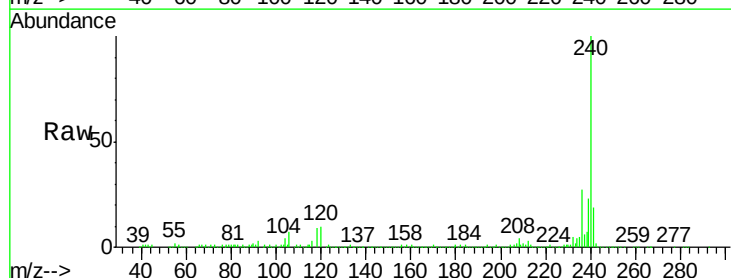
Instrument :
BNA_F
ClientSampleId :
WC-1

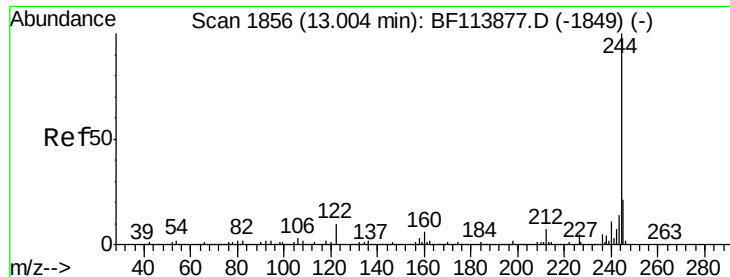
Tot Ion:188 Resp: 282500
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.4
80 9.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF114092.D
Acq: 2 May 2019 18:44

Tgt Ion:240 Resp: 230618
Ion Ratio Lower Upper
240 100
120 9.6 9.3 13.9
236 27.0 21.2 31.8





#79

Terphenyl-d14

Concen: 14.336 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

Instrument :

BNA_F

ClientSampleId :

WC-1

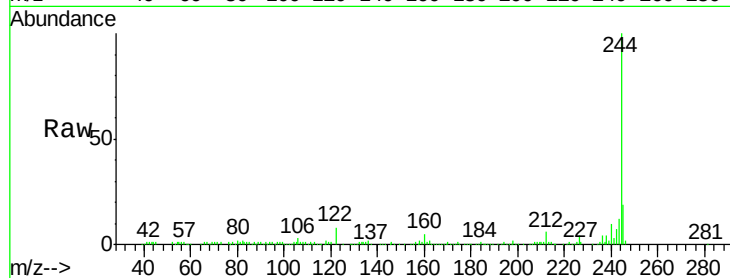
Tot Ion:244 Resp: 161268

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

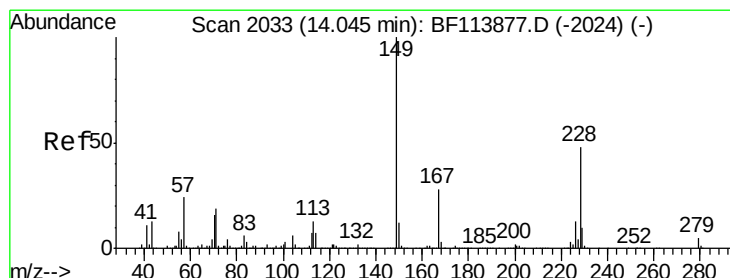
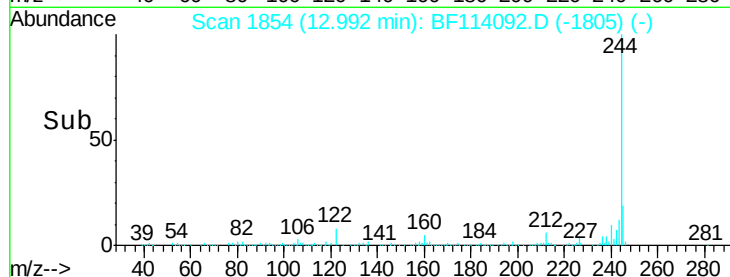
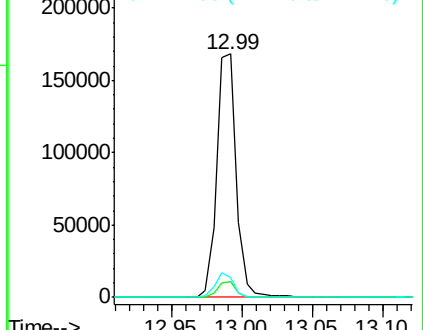
122 7.9 7.6 11.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.115 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114092.D

Acq: 2 May 2019 18:44

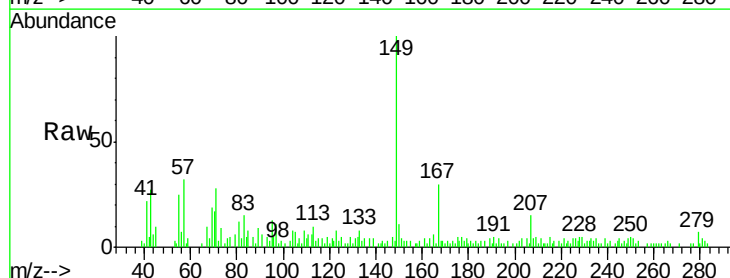
Tgt Ion:149 Resp: 17077

Ion Ratio Lower Upper

149 100

167 29.7 22.9 34.3

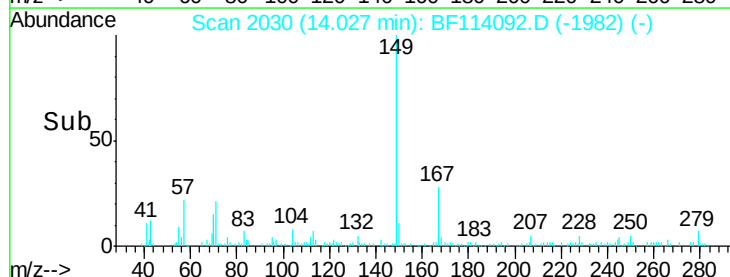
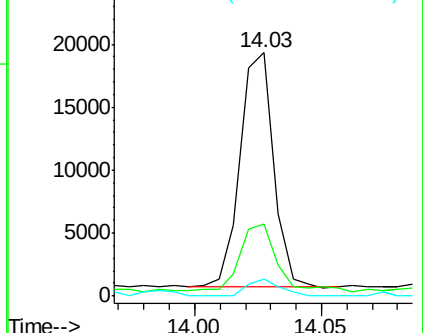
279 6.8 4.2 6.2#

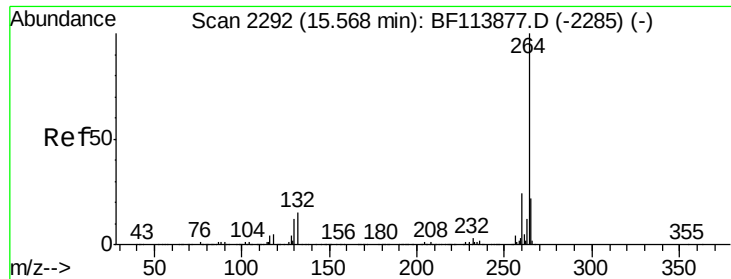


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

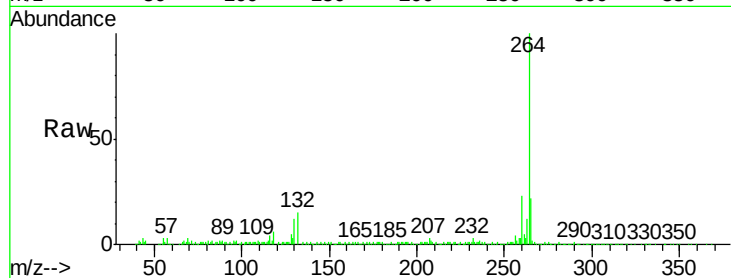




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF114092.D
 Acq: 2 May 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.6	17.3	25.9



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

