

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114350.D
 Acq On : 17 May 2019 15:27
 Operator : JU/SJ
 Sample : K2865-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:01:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

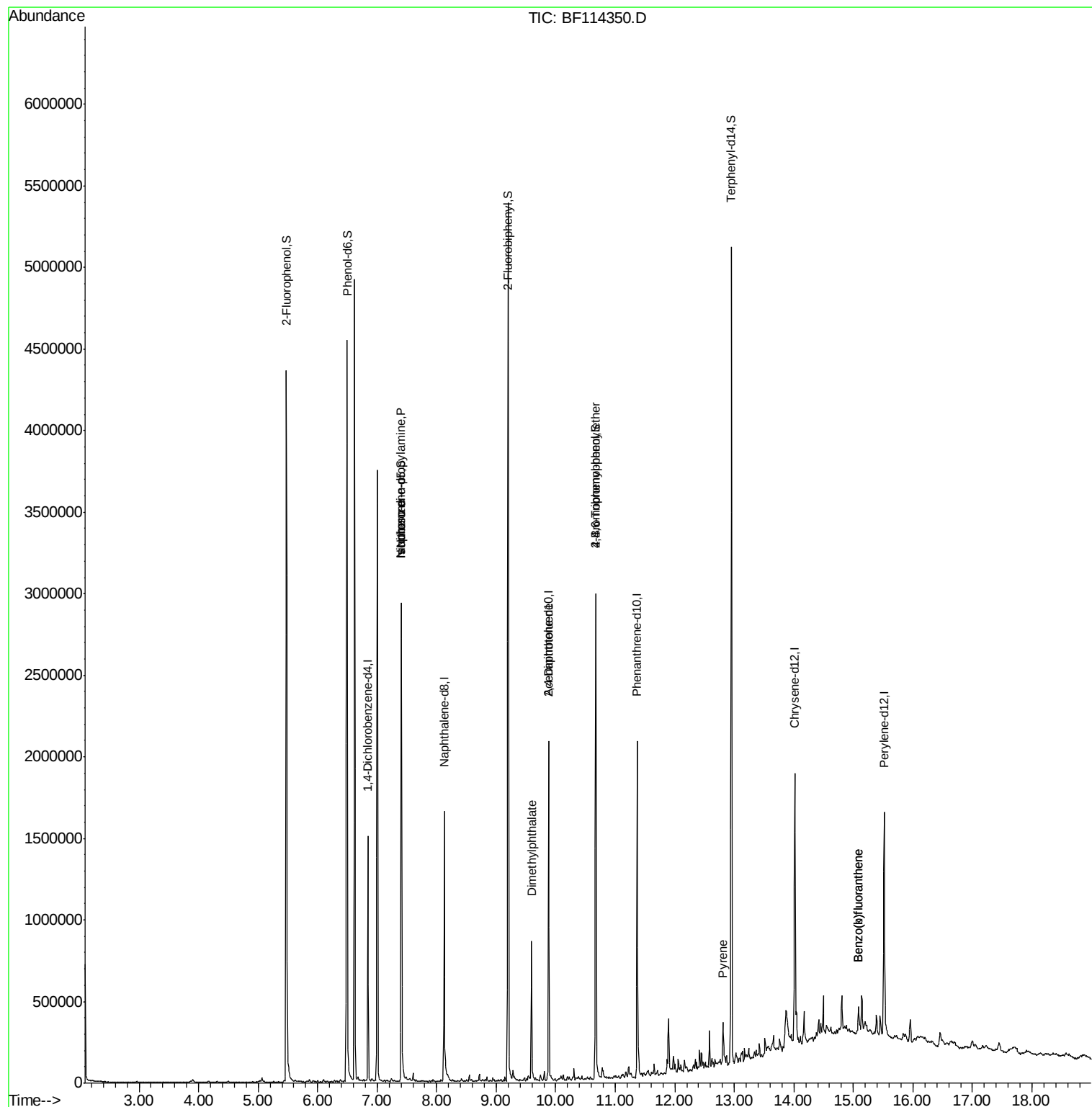
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	210547	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	822159	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	388077	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	784873	20.00	ng	0.00
76) Chrysene-d12	14.02	240	539642	20.00	ng	0.00
87) Perylene-d12	15.52	264	594693	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1247896	95.38	ng	0.00
7) Phenol-d6	6.49	99	1638527	105.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	1019761	69.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	382826	95.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1732273	67.52	ng	-0.01
79) Terphenyl-d14	12.95	244	1774361	67.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	132428	13.502	ng	# 77
25) Isophorone	7.40	82	1019755	37.533	ng	# 64
50) Dimethylphthalate	9.59	163	342878	12.036	ng	# 98
57) 2,4-Dinitrotoluene	9.88	165	50831	5.927	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	24989	2.892	ng	# 1
78) Pyrene	12.81	202	94740	2.182	ng	# 96
88) Benzo(b)fluoranthene	15.09	252	106437	2.794	ng	# 93
89) Benzo(k)fluoranthene	15.09	252	106437	3.041	ng	# 94

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

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Quant Time: May 18 05:01:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



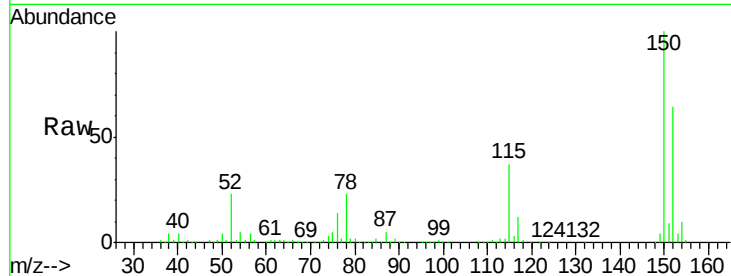


#1

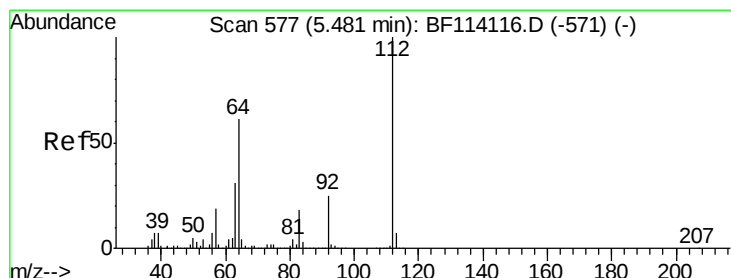
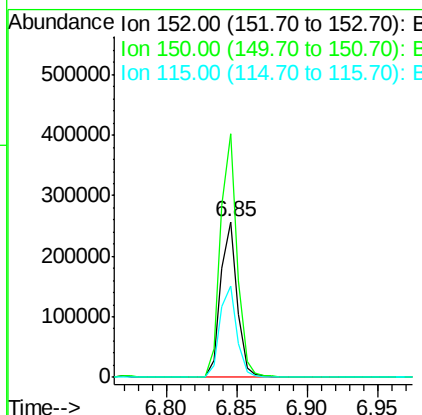
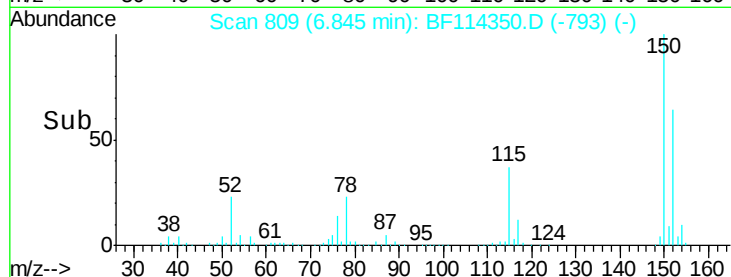
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 210547
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 58.3 49.1 73.7



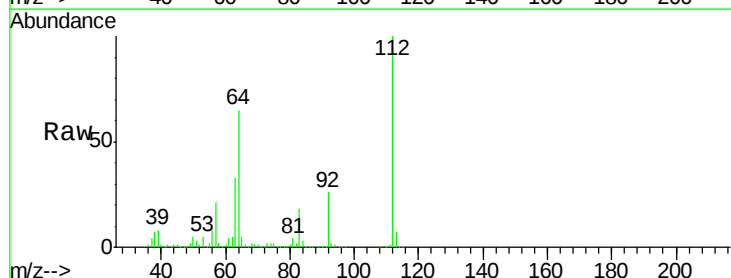
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



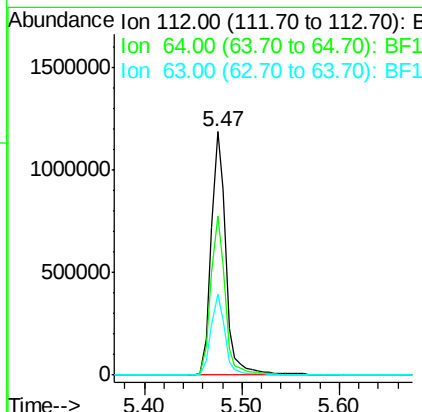
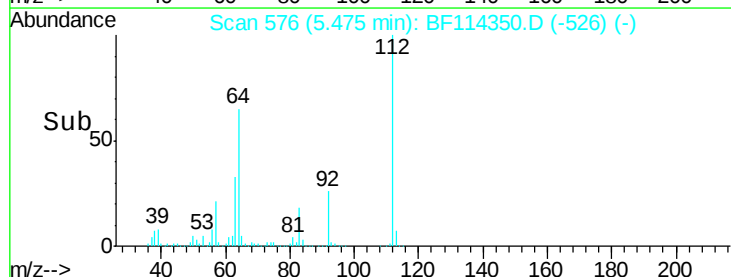
#5

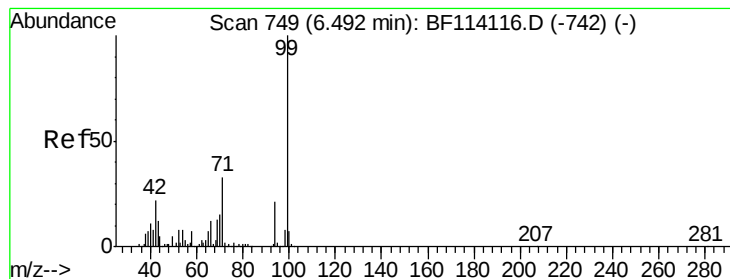
2-Fluorophenol
Concen: 95.380 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Tgt Ion:112 Resp: 1247896
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 33.4 24.6 37.0



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: 105.888 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

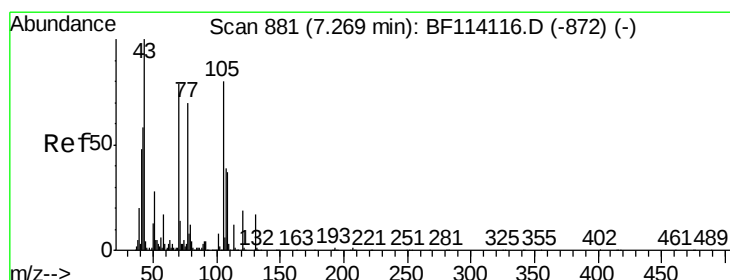
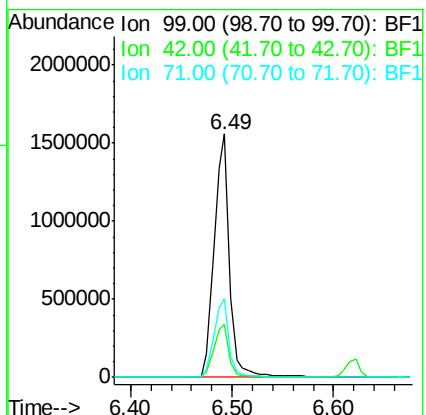
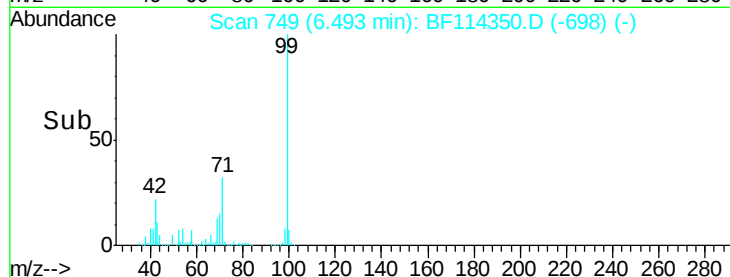
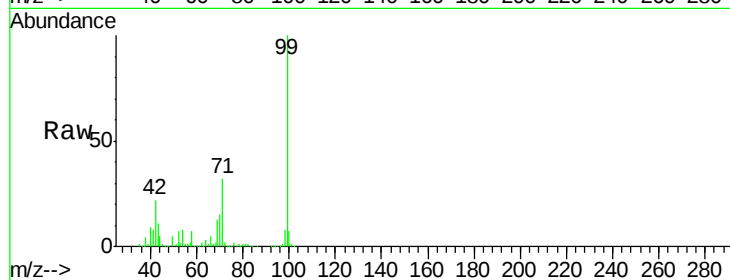
Tot Ion: 99 Resp: 1638527

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

71 32.1 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.502 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Tgt Ion: 70 Resp: 132428

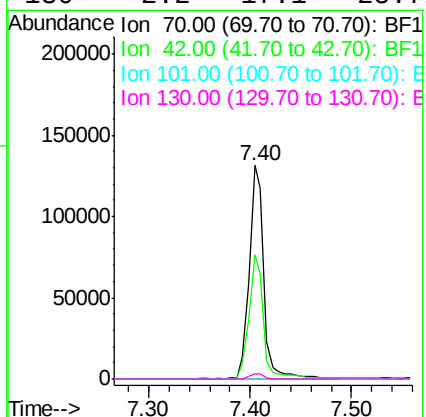
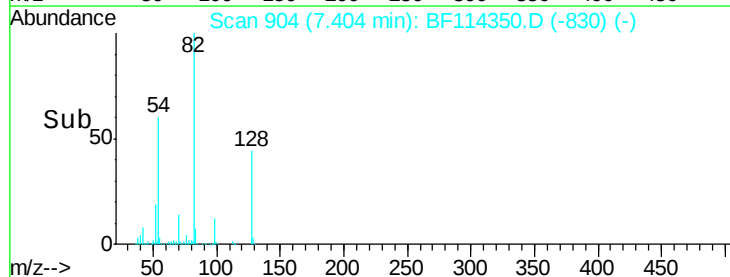
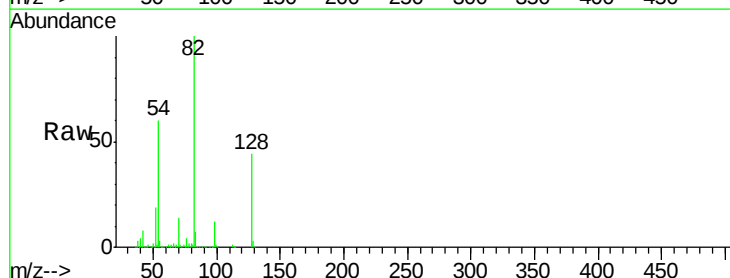
Ion Ratio Lower Upper

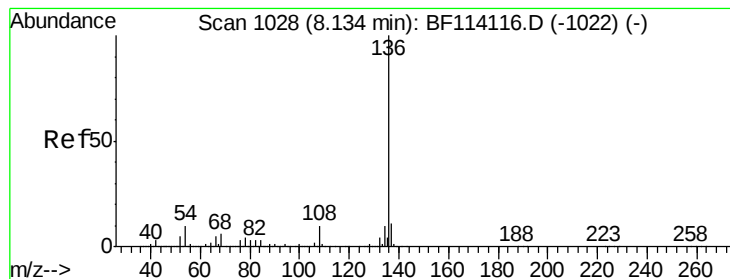
70 100

42 58.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 822159

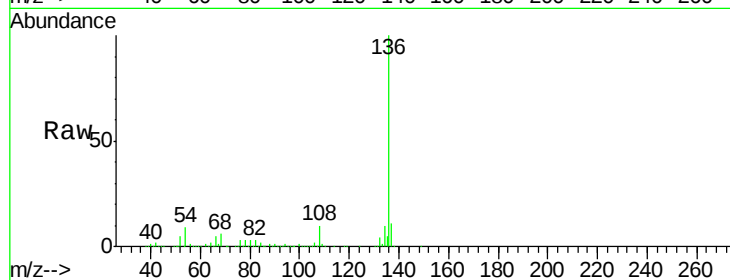
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.2 7.8 11.8

68 6.1 5.1 7.7

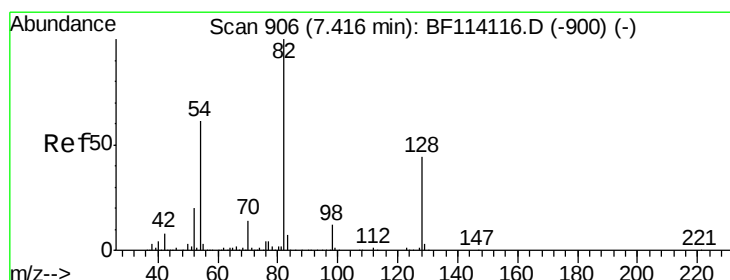
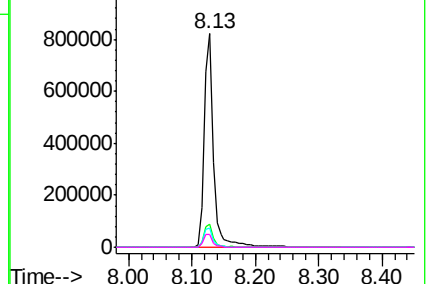
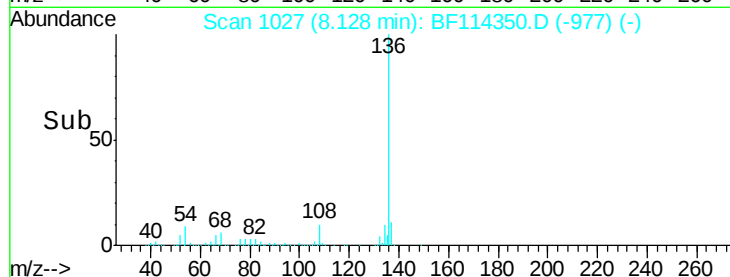


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.608 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

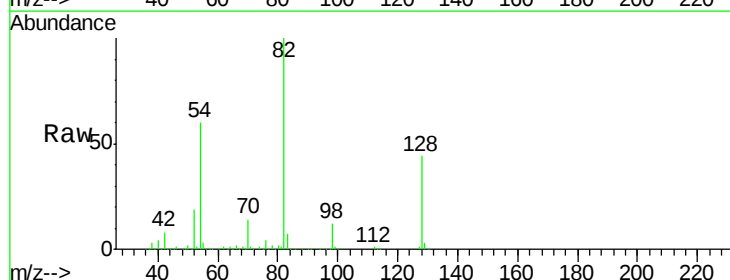
Tgt Ion: 82 Resp: 1019761

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

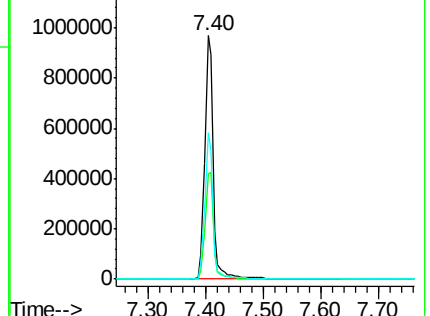
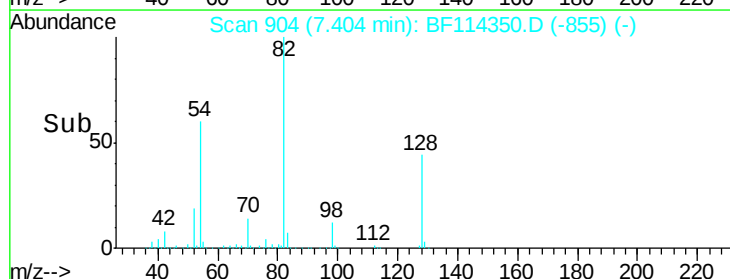
54 59.9 48.5 72.7



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: 37.533 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

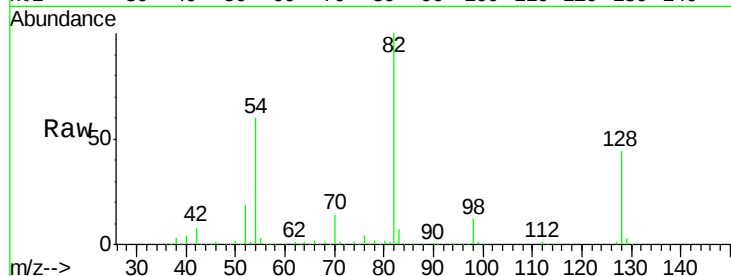
Tot Ion: 82 Resp: 1019755

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

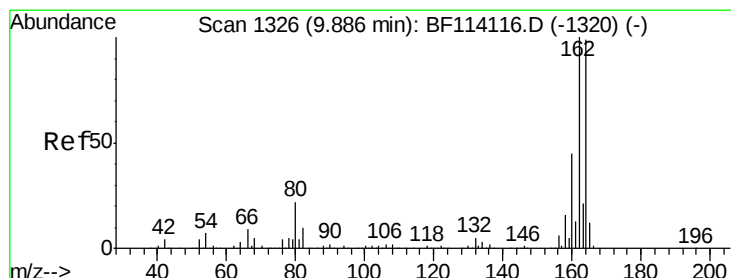
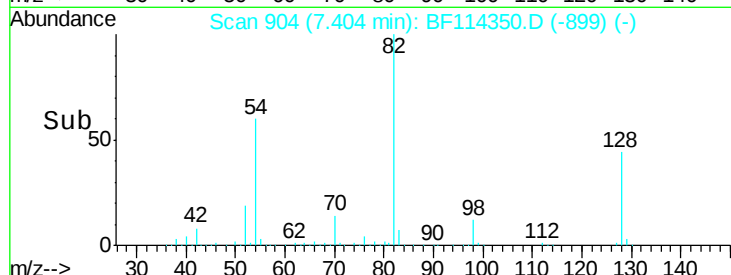
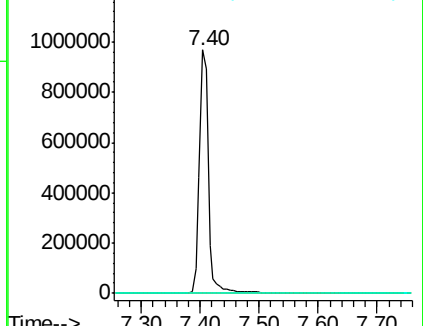
138 0.0 14.8 22.2#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

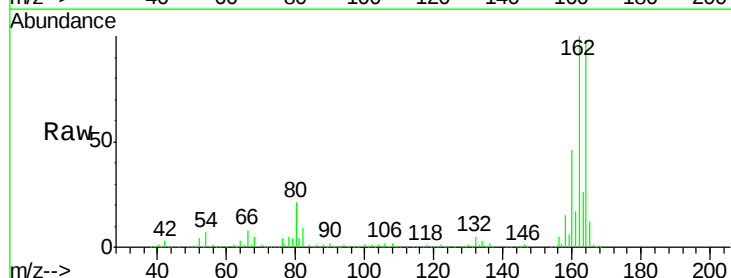
Tgt Ion: 164 Resp: 388077

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

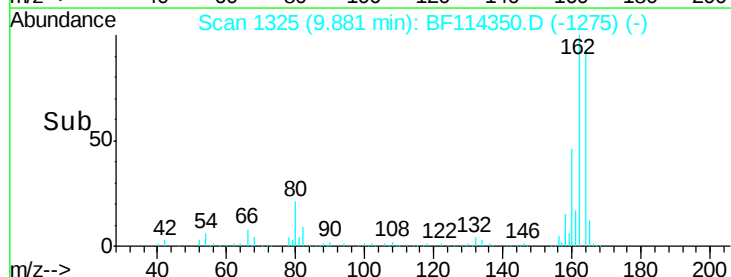
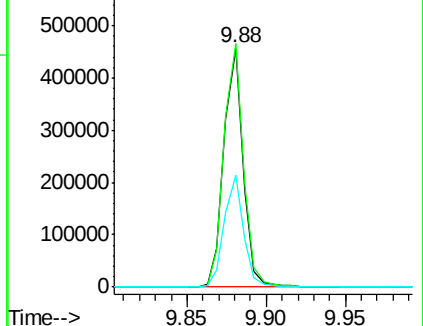
160 47.0 36.5 54.7

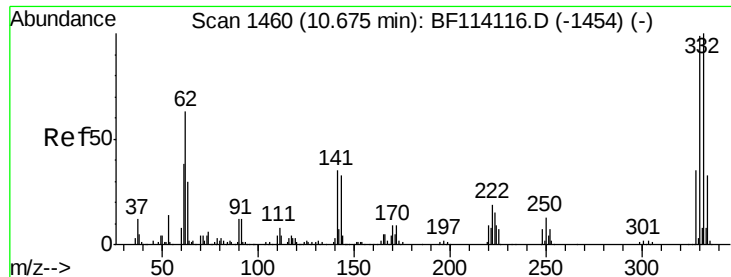


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

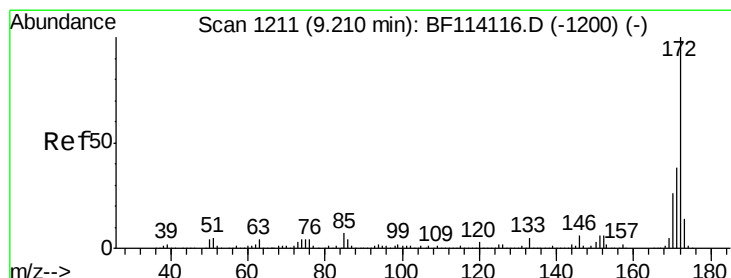
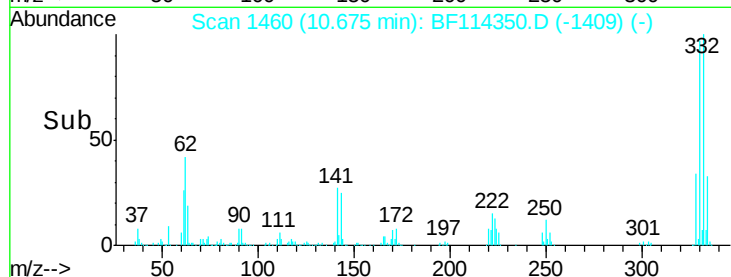
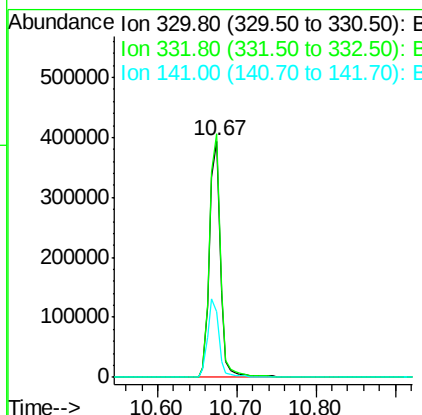
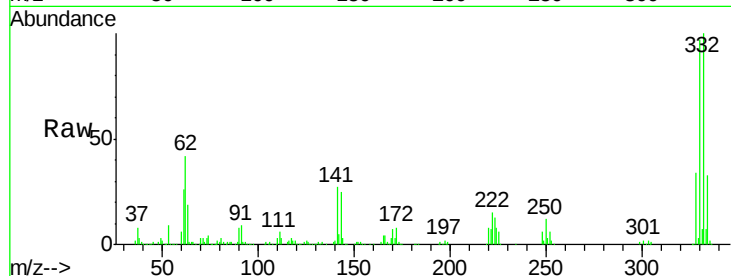




#42
 2,4,6-Tribromophenol
 Concen: 95.419 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114350.D
 Acq: 17 May 2019 15:27

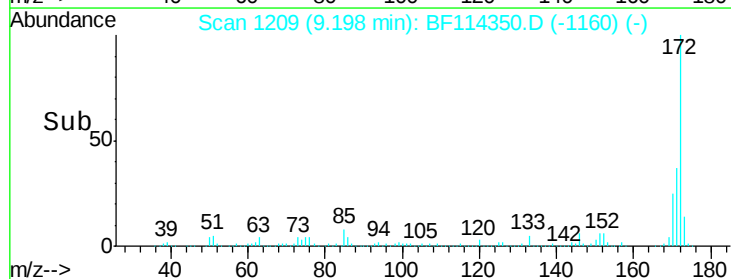
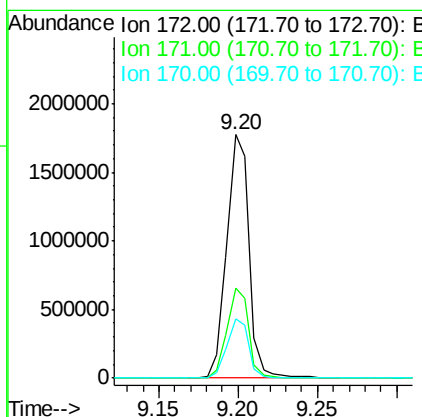
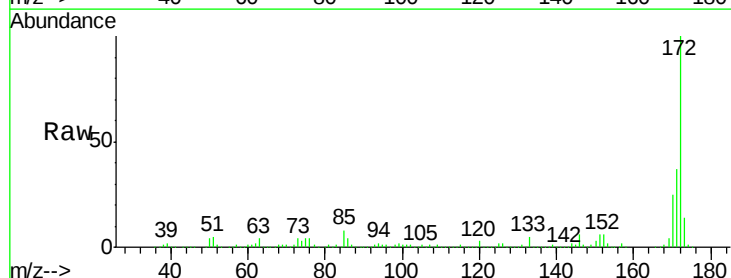
Instrument :
 BNA_F
 ClientSampled :

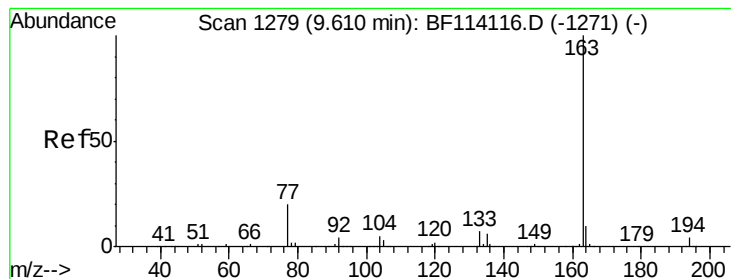
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	81.4	122.2
141	33.5	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 67.521 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114350.D
 Acq: 17 May 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.6	20.5	30.7





#50

Dimethylphthalate

Concen: 12.036 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Instrument :

BNA_F

ClientSampled :

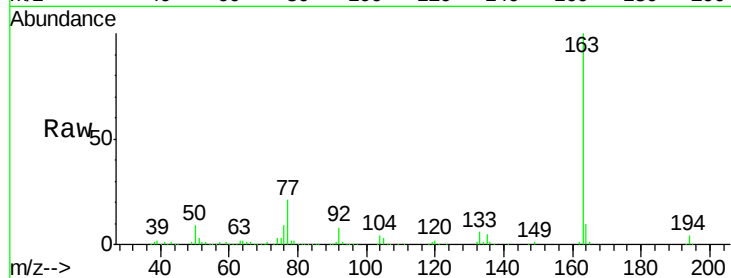
Tot Ion:163 Resp: 342878

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

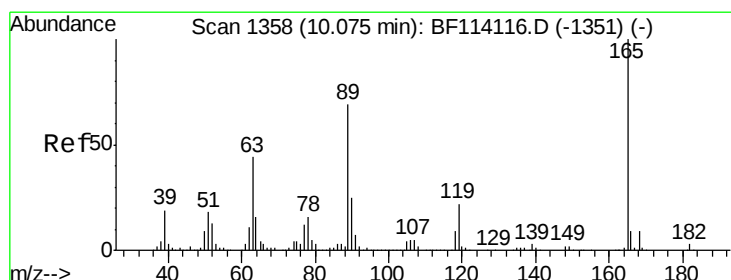
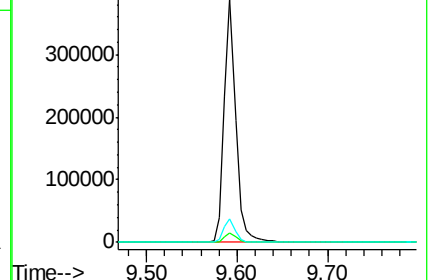
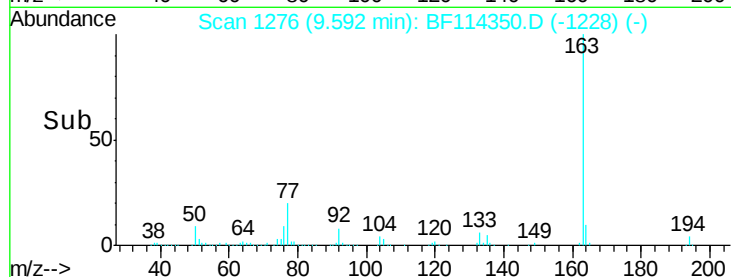
164 9.7 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.927 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114350.D

Acq: 17 May 2019 15:27

Tgt Ion:165 Resp: 50831

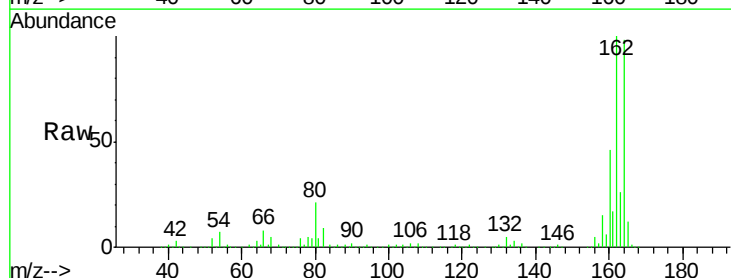
Ion Ratio Lower Upper

165 100

63 1.8 35.5 53.3#

89 1.7 55.2 82.8#

182 0.0 2.2 3.2#

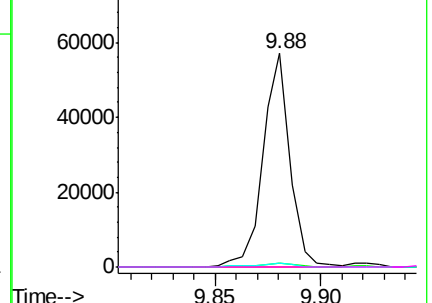
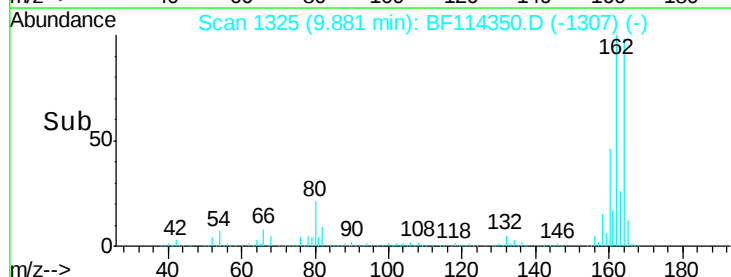


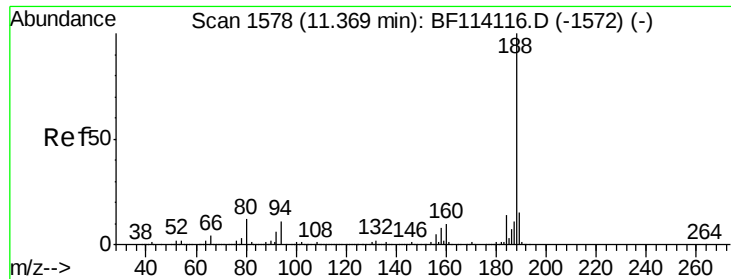
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

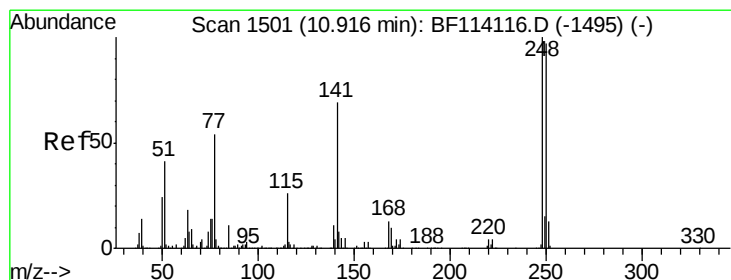
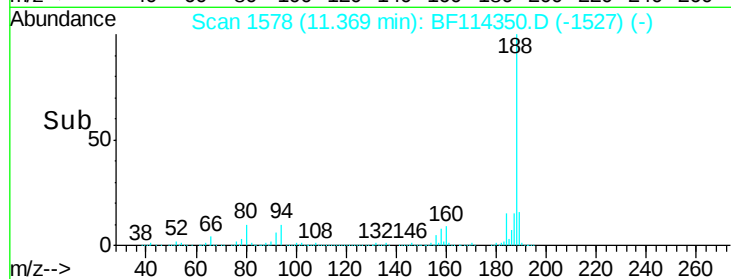
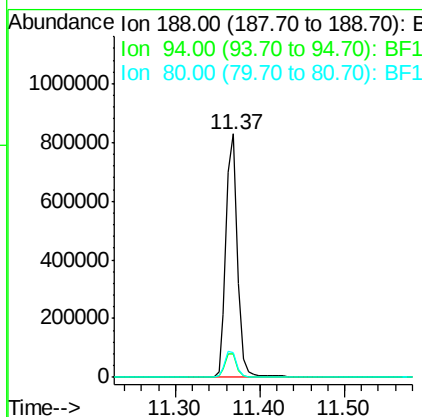
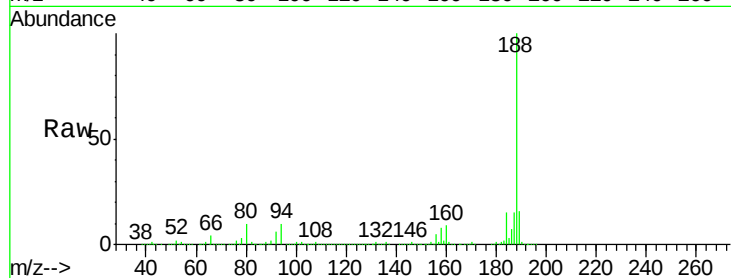




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

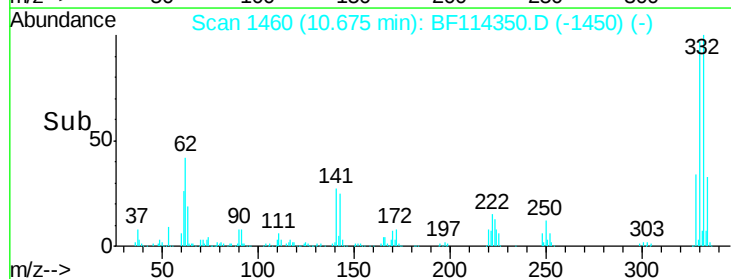
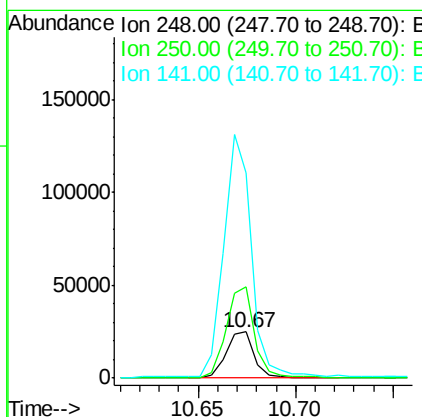
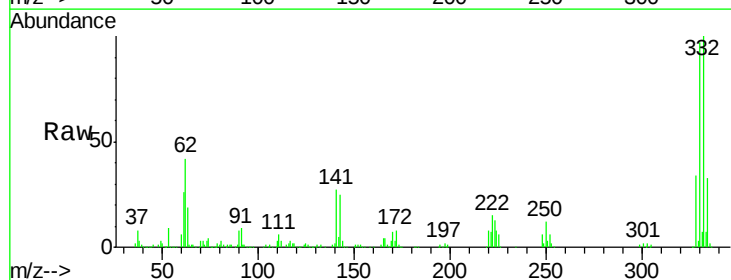
Instrument :
BNA_F
ClientSampleId :

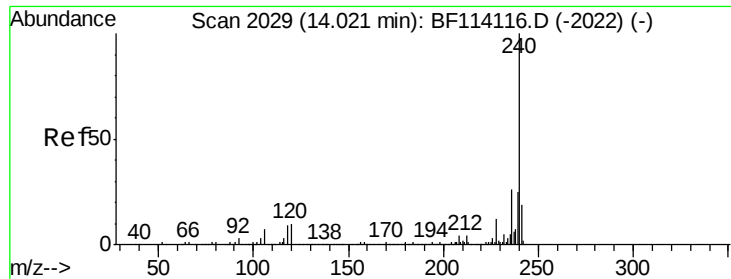
Tot Ion:188 Resp: 784873
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.1 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Tgt Ion:248 Resp: 24989
Ion Ratio Lower Upper
248 100
250 199.7 77.4 116.2#
141 446.4 55.6 83.4#

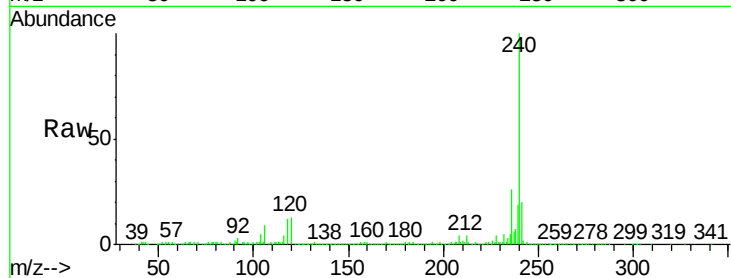




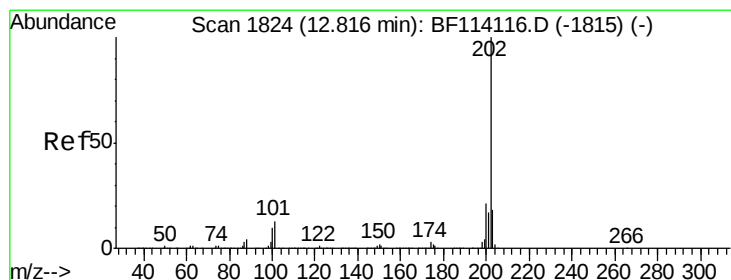
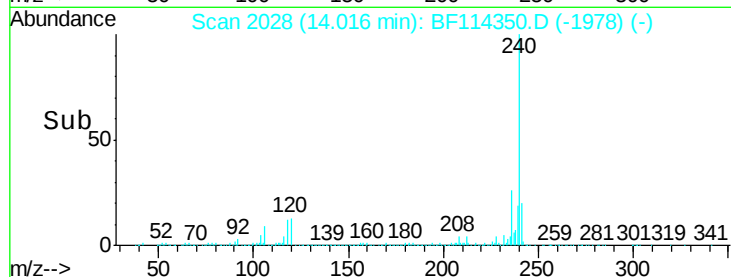
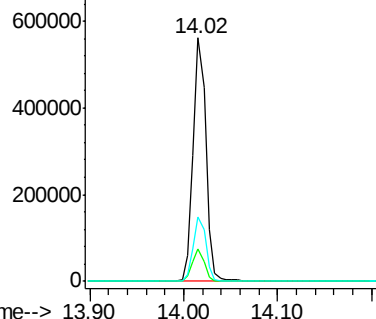
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 539642
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 26.4 20.8 31.2

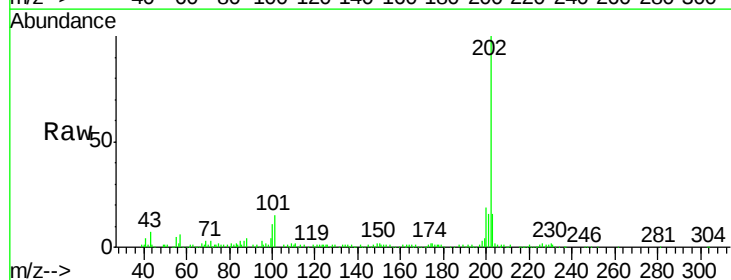


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

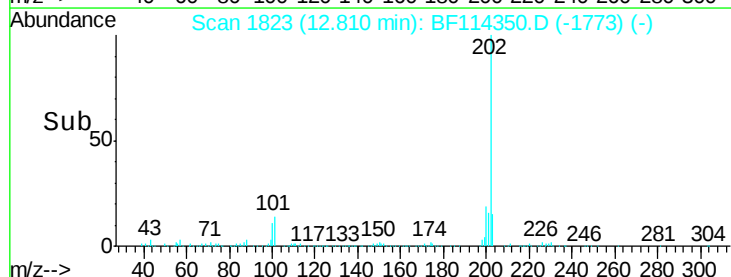
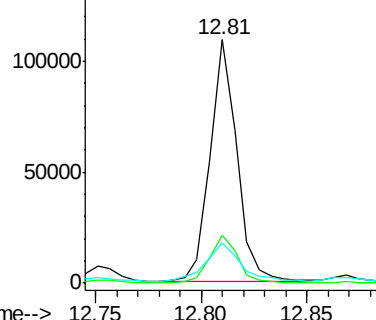


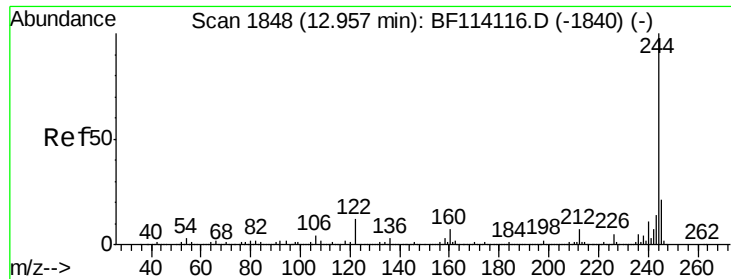
#78
Pyrene
Concen: 2.182 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Tgt Ion:202 Resp: 94740
Ion Ratio Lower Upper
202 100
200 19.4 16.9 25.3
203 16.5 14.5 21.7



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

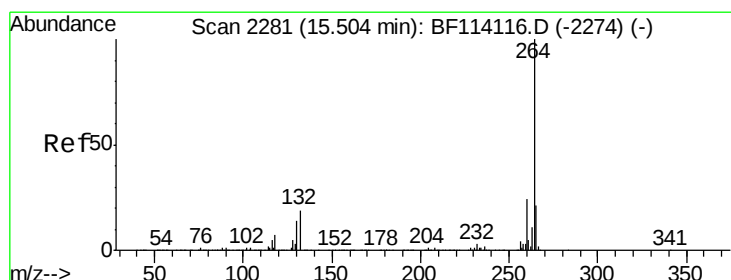
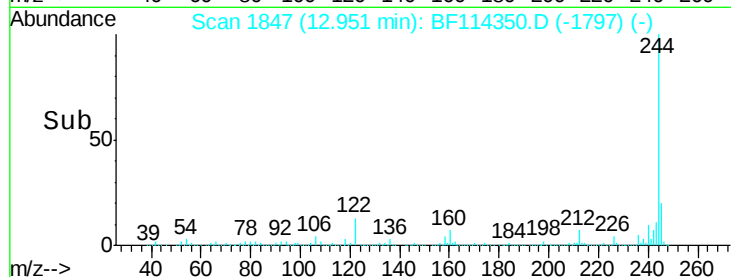
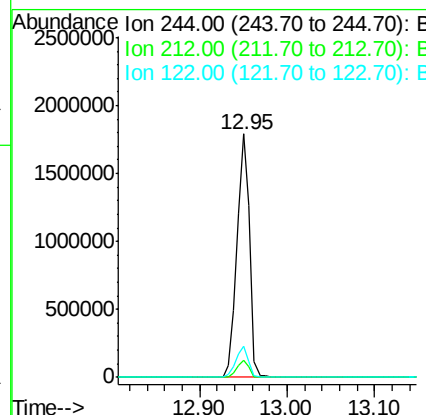
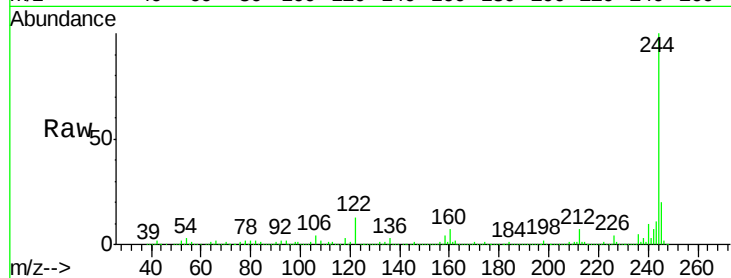




#79
 Terphenyl-d14
 Concen: 67.781 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114350.D
 Acq: 17 May 2019 15:27

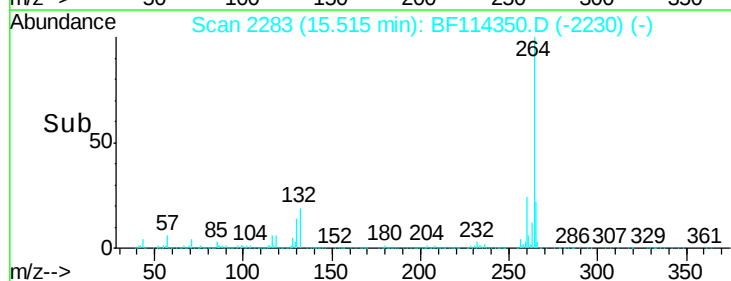
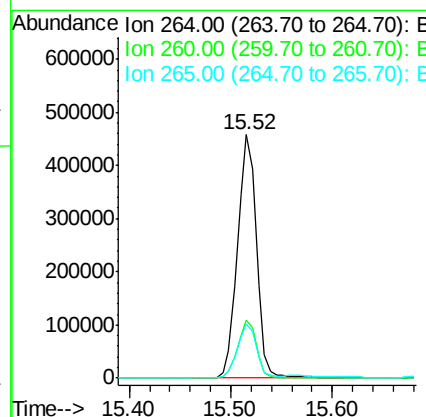
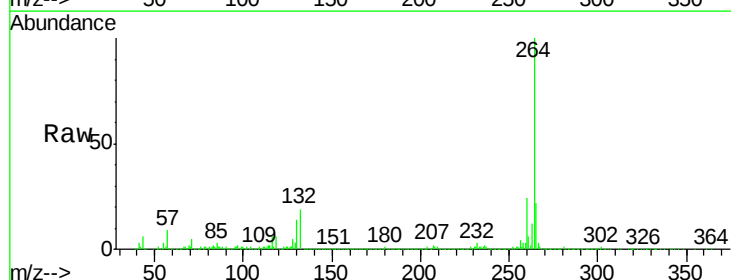
Instrument :
 BNA_F
 ClientSampleID :

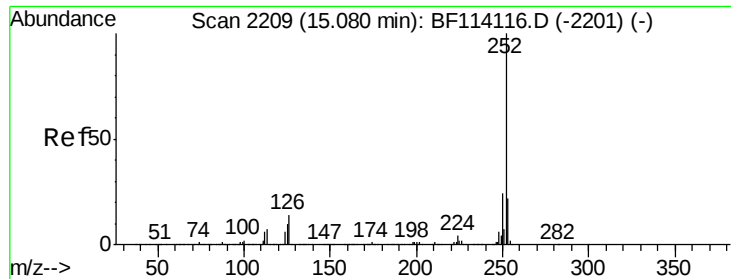
Tot Ion:244 Resp: 1774361
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF114350.D
 Acq: 17 May 2019 15:27

Tgt Ion:264 Resp: 594693
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.4 16.9 25.3

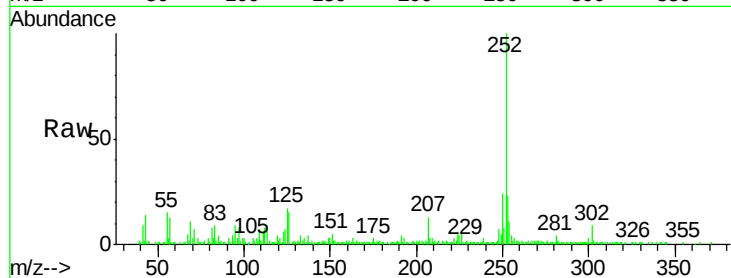




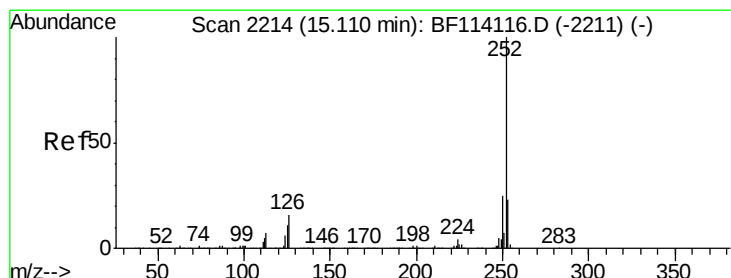
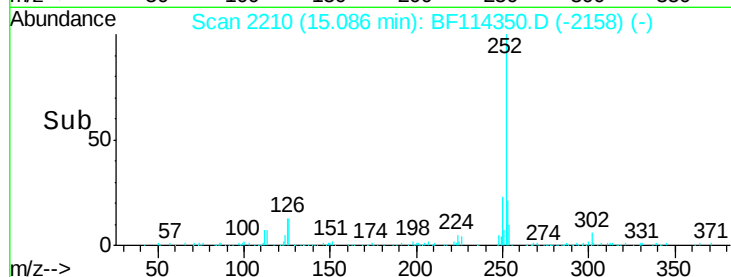
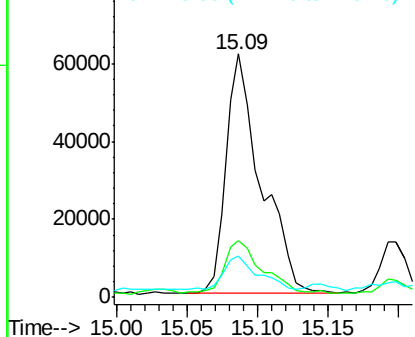
#88
Benzo(b)fluoranthene
Concen: 2.794 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	16.8	8.3	12.5

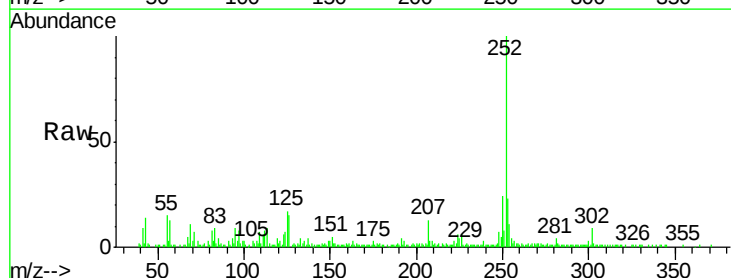


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.041 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114350.D
Acq: 17 May 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	16.8	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

