

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114362.D
 Acq On : 17 May 2019 20:45
 Operator : JU/SJ
 Sample : K2894-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:06:47 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

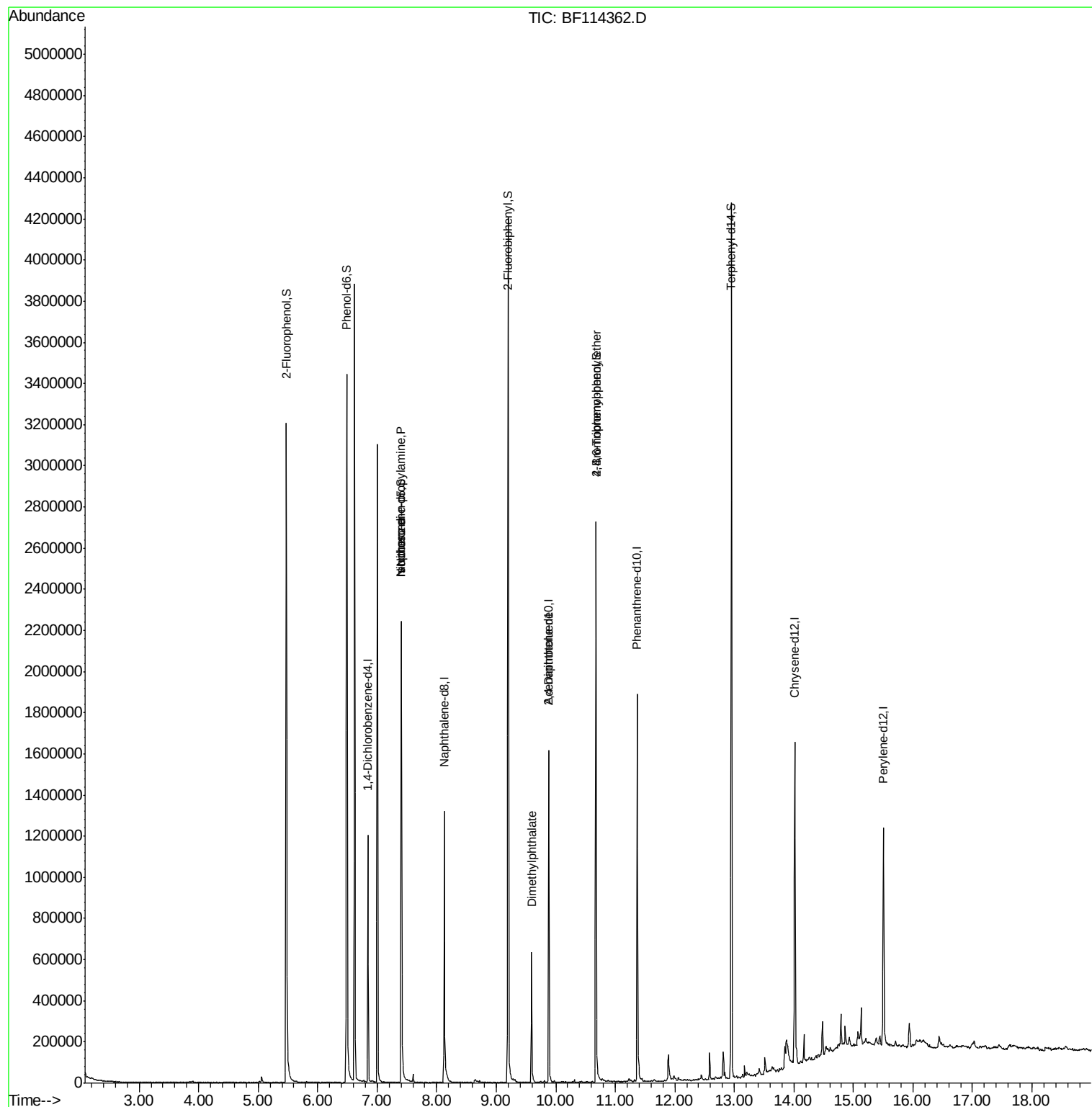
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	166272	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	639748	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	315842	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	682927	20.00	ng	0.00
76) Chrysene-d12	14.02	240	504231	20.00	ng	0.00
87) Perylene-d12	15.50	264	474092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	948274	91.78	ng	0.00
7) Phenol-d6	6.49	99	1286834	105.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	785475	68.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	336608	103.09	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1356016	64.94	ng	-0.01
79) Terphenyl-d14	12.95	244	1464989	59.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	100836	13.018	ng	# 77
25) Isophorone	7.40	82	785537	37.156	ng	# 64
50) Dimethylphthalate	9.59	163	259679	11.200	ng	99
57) 2,4-Dinitrotoluene	9.88	165	38910	5.574	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	21460	2.854	ng	# 1

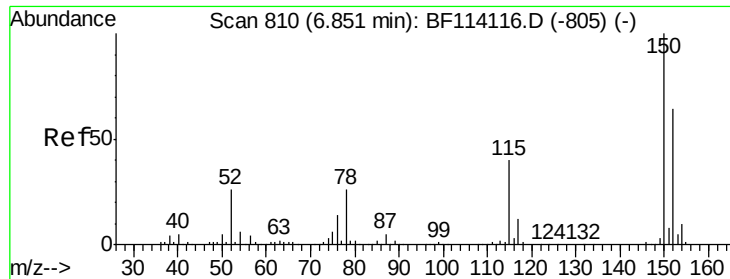
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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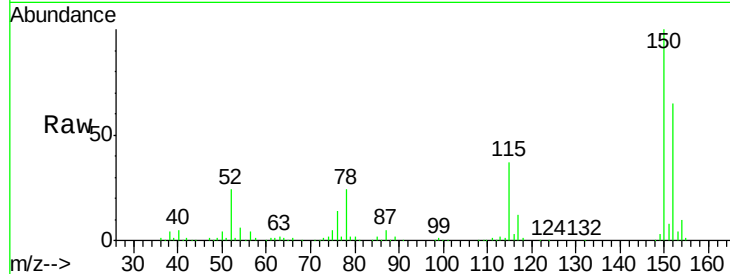


#1

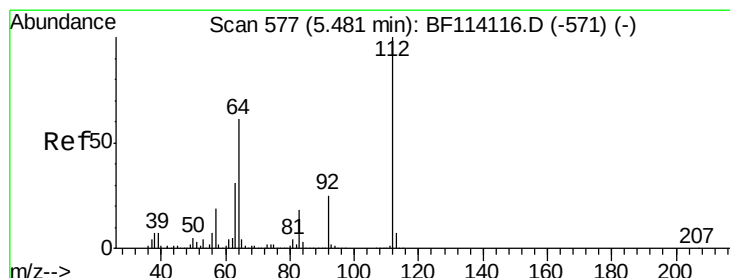
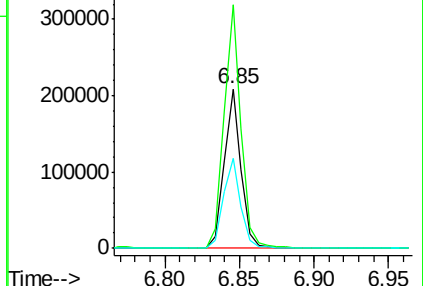
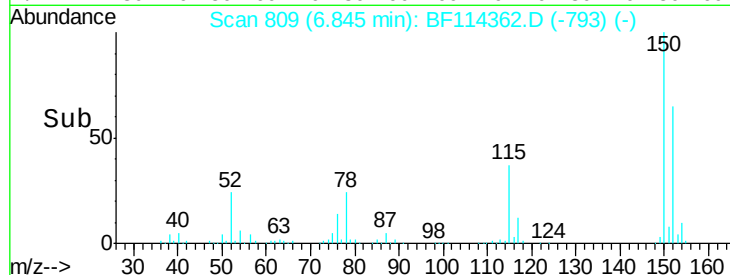
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114362.D
Acq: 17 May 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166272
Ion Ratio Lower Upper
152 100
150 152.7 124.3 186.5
115 56.6 49.1 73.7



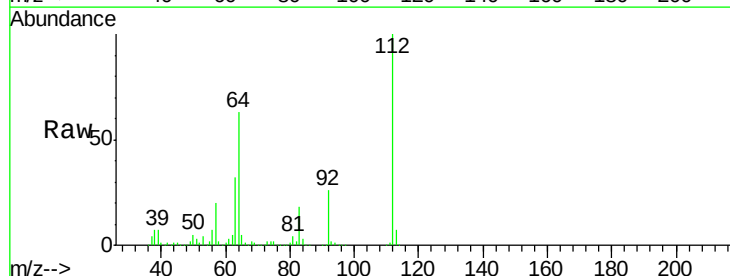
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



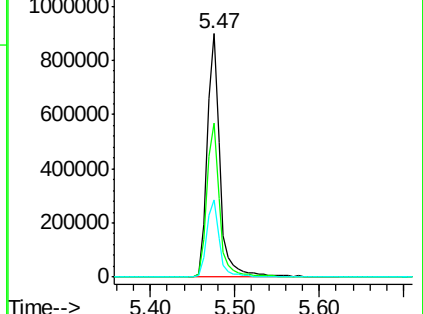
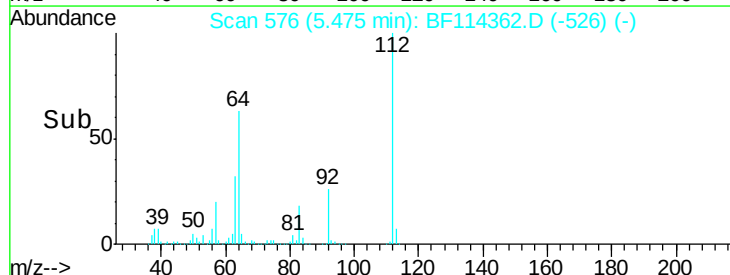
#5

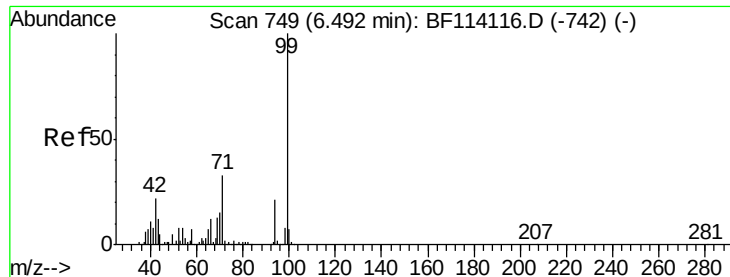
2-Fluorophenol
Concen: 91.779 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114362.D
Acq: 17 May 2019 20:45

Tgt Ion:112 Resp: 948274
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 31.9 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: 105.304 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampleId :

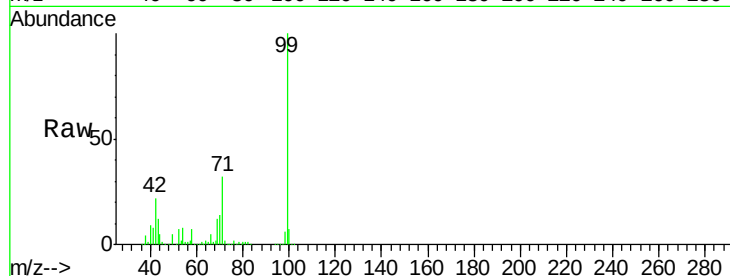
Tot Ion: 99 Resp: 1286834

Ion Ratio Lower Upper

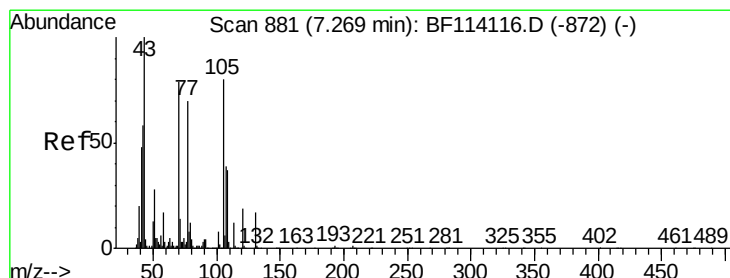
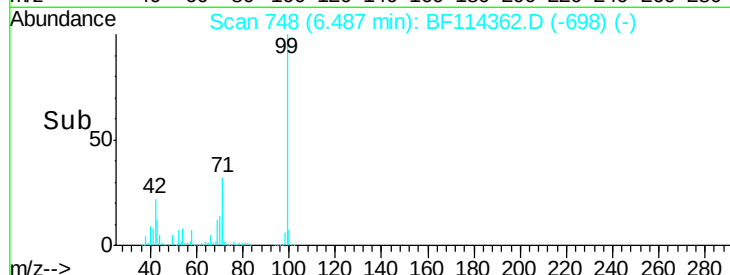
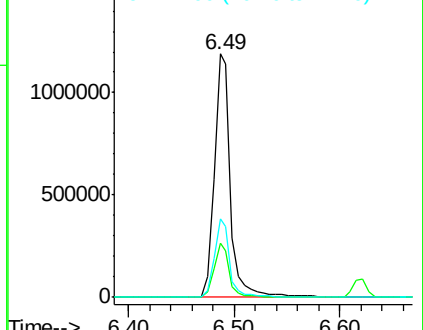
99 100

42 22.3 17.9 26.9

71 32.4 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.018 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Tgt Ion: 70 Resp: 100836

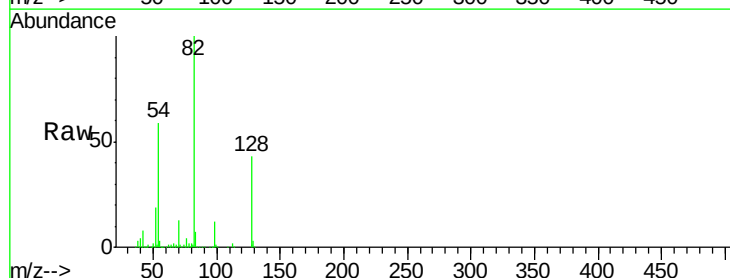
Ion Ratio Lower Upper

70 100

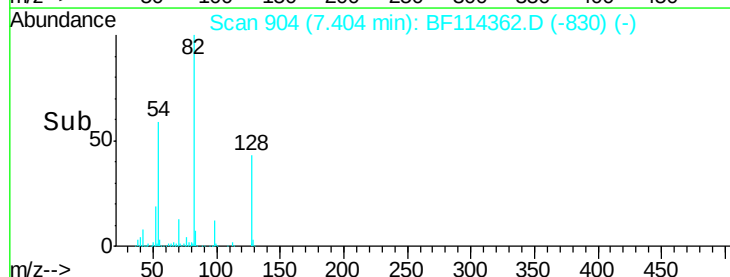
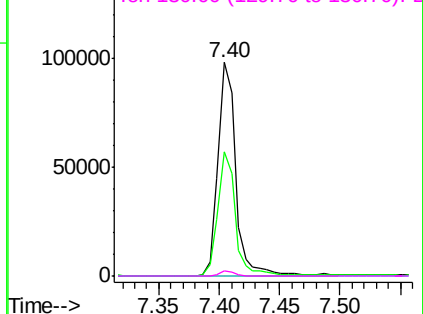
42 58.3 58.6 87.8#

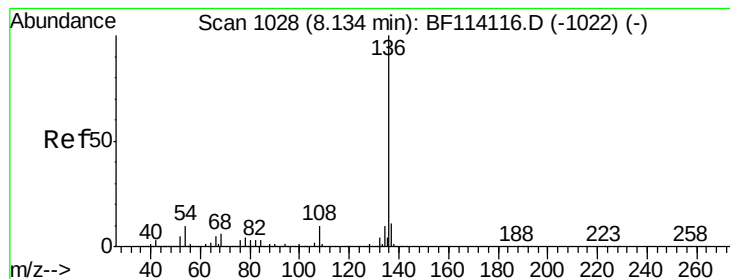
101 0.0 7.8 11.8#

130 2.1 17.1 25.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 639748

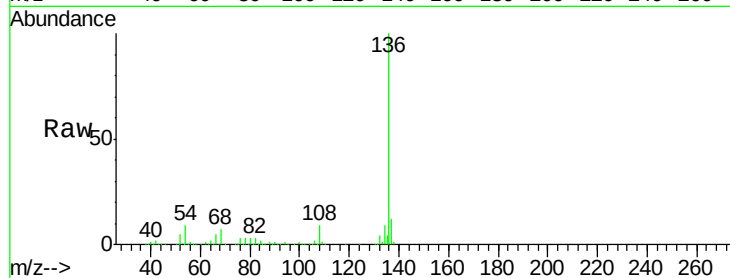
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 9.3 7.8 11.8

68 6.5 5.1 7.7

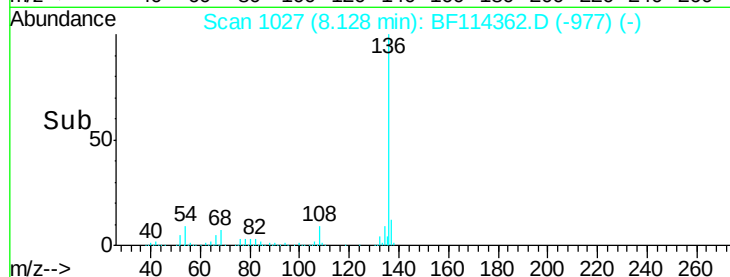


Abundance Ion 136.00 (135.70 to 136.70): E

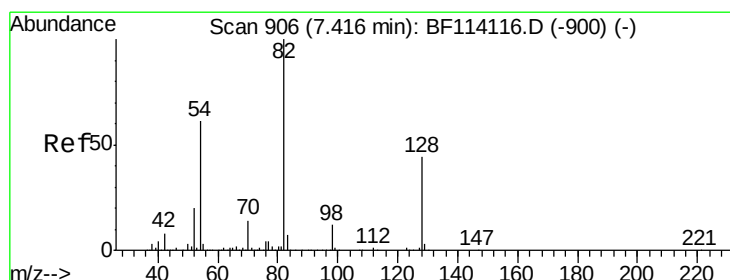
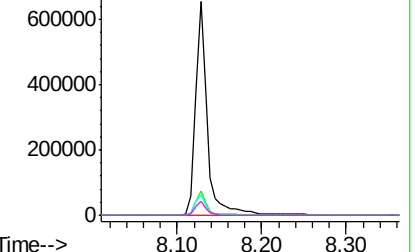
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 68.904 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

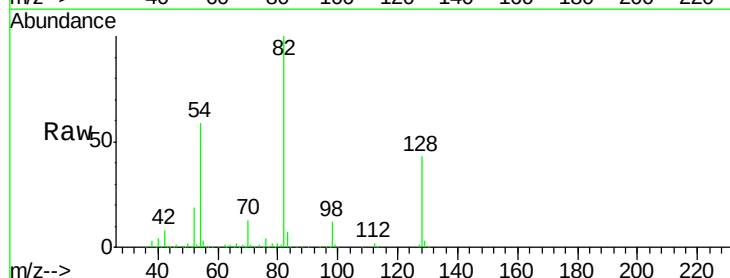
Tgt Ion: 82 Resp: 785475

Ion Ratio Lower Upper

82 100

128 43.1 35.5 53.3

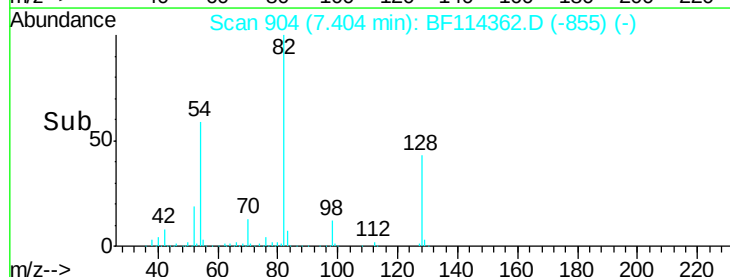
54 59.2 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

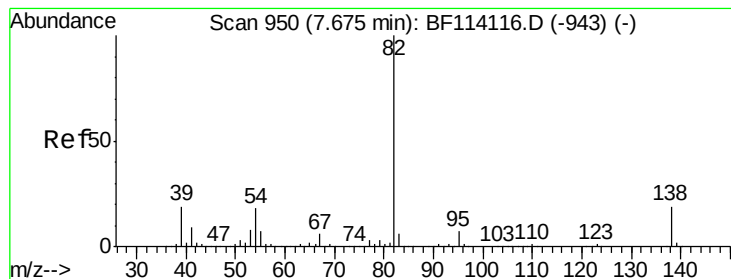
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 37.156 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampled :

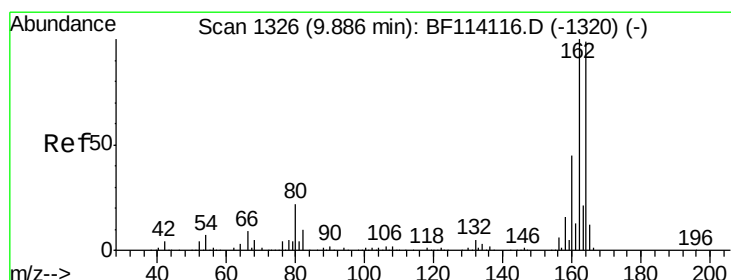
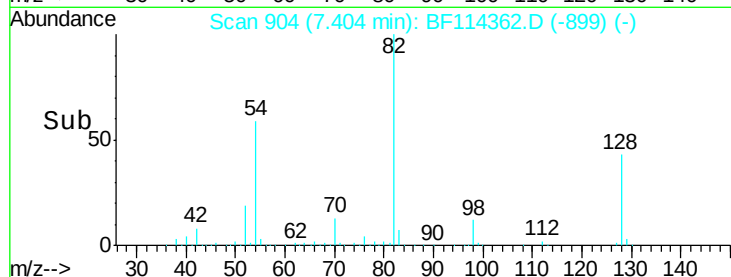
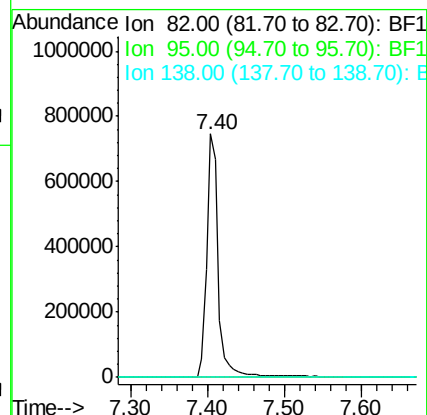
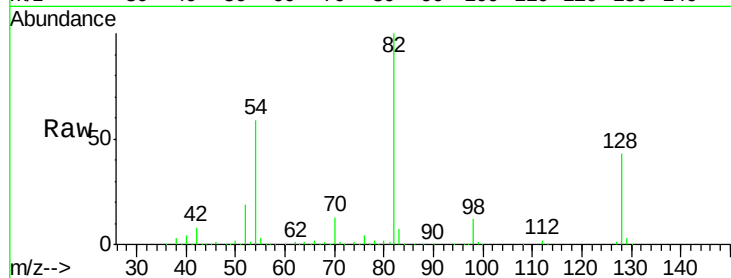
Tot Ion: 82 Resp: 78537

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

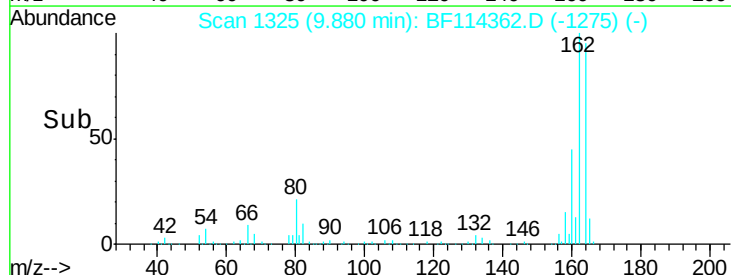
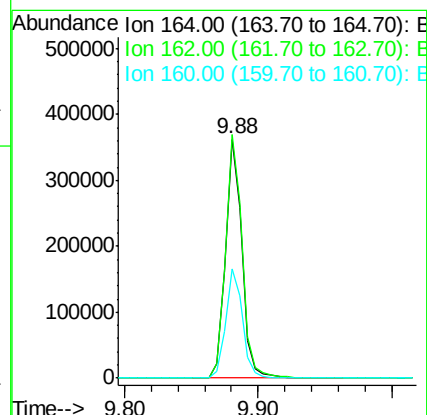
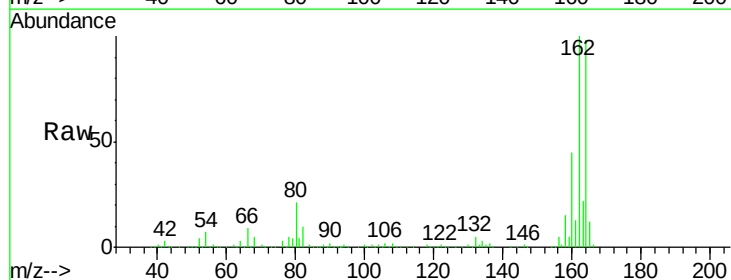
Tgt Ion: 164 Resp: 315842

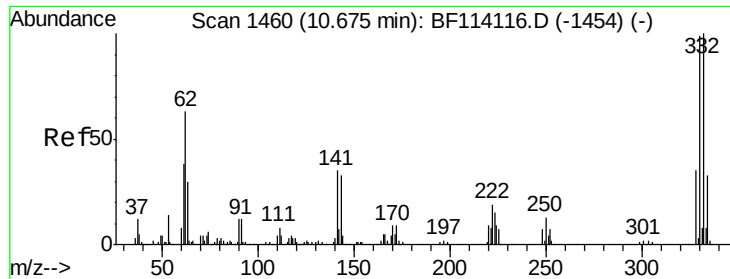
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.5 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 103.087 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampled :

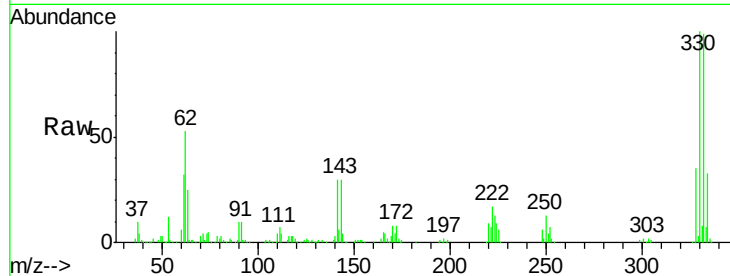
Tot Ion:330 Resp: 336608

Ion Ratio Lower Upper

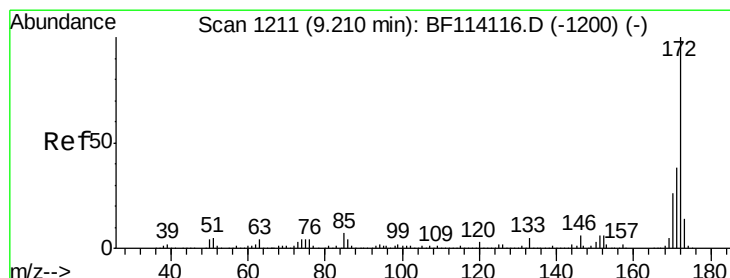
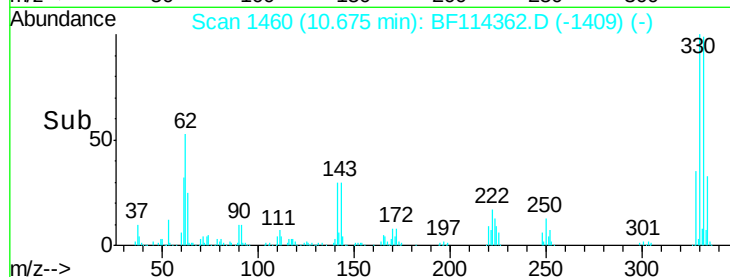
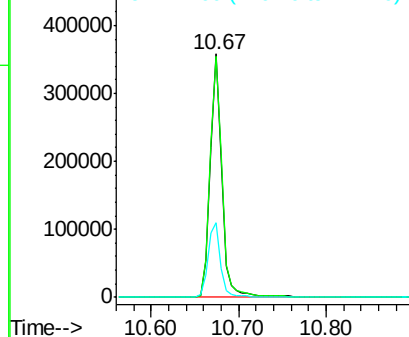
330 100

332 102.2 81.4 122.2

141 32.7 26.6 40.0



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: 64.944 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

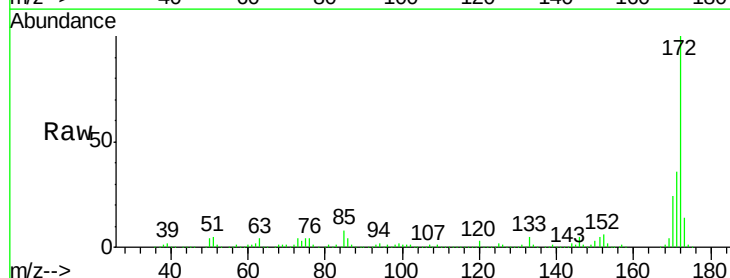
Tgt Ion:172 Resp: 1356016

Ion Ratio Lower Upper

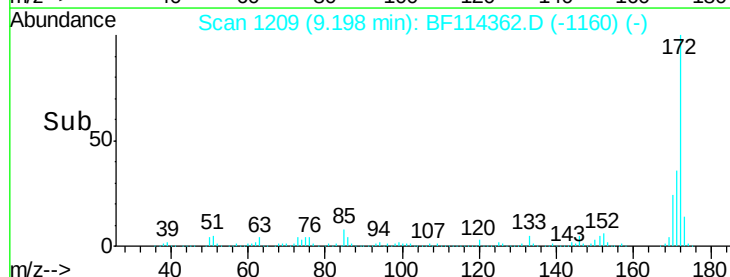
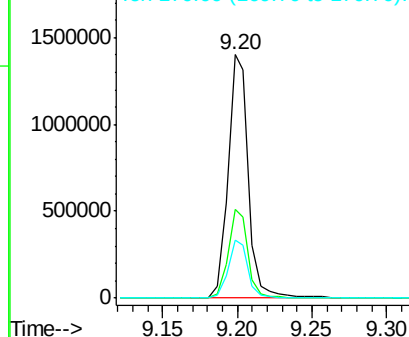
172 100

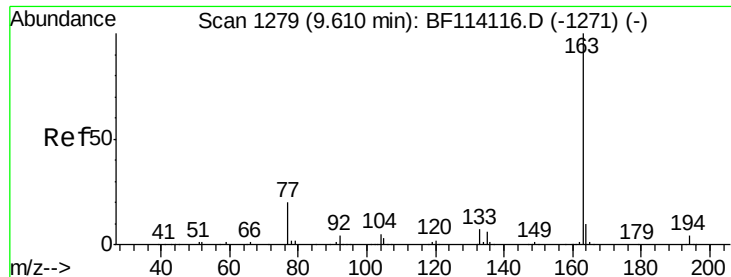
171 36.4 30.7 46.1

170 23.9 20.5 30.7



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

Dimethylphthalate

Concen: 11.200 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampleId :

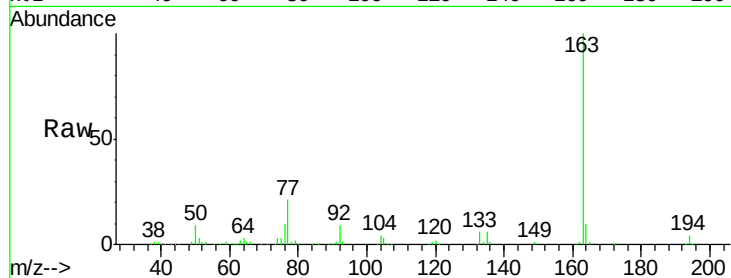
Tot Ion:163 Resp: 259679

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

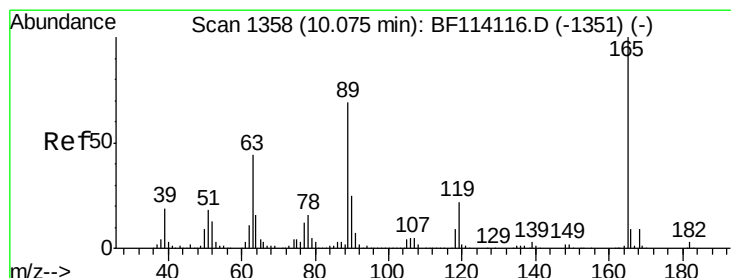
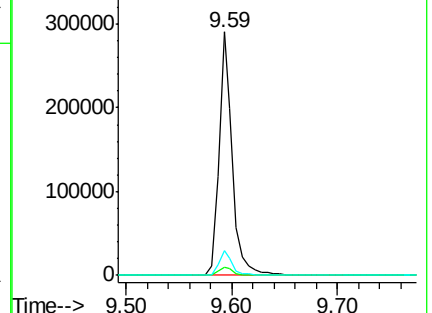
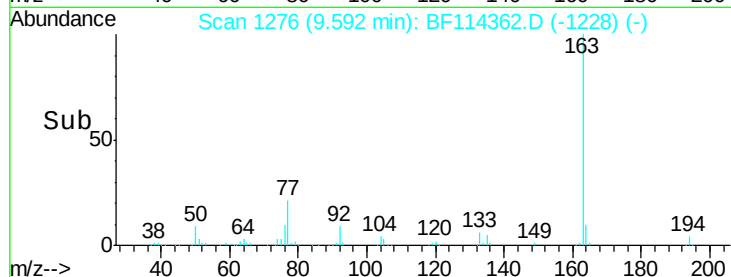
164 10.0 8.2 12.2



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: 5.574 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

Tgt Ion:165 Resp: 38910

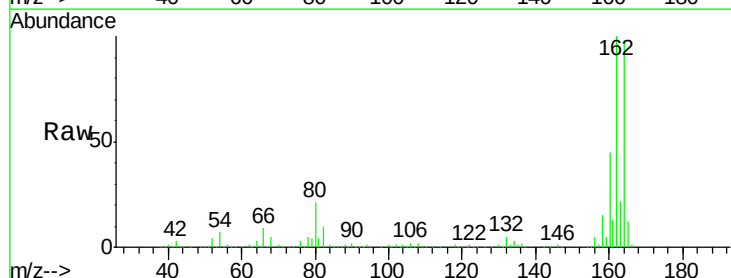
Ion Ratio Lower Upper

165 100

63 0.8 35.5 53.3#

89 1.6 55.2 82.8#

182 0.0 2.2 3.2#

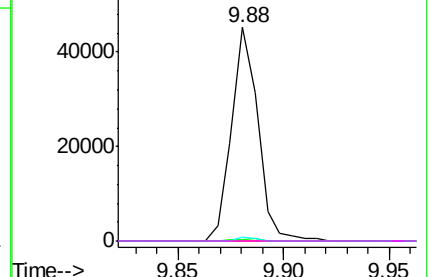
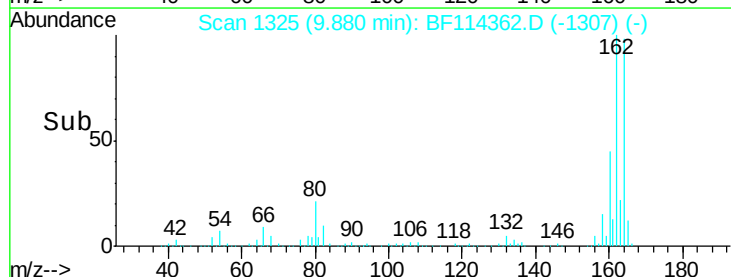


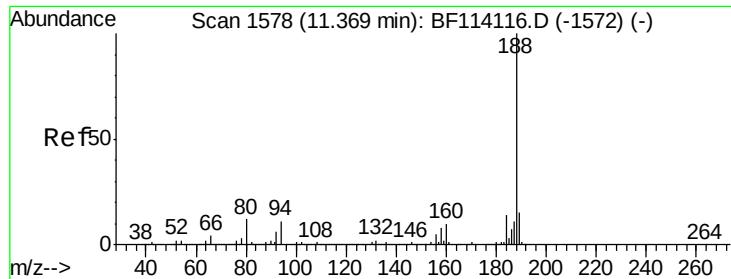
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114362.D

Acq: 17 May 2019 20:45

Instrument :

BNA_F

ClientSampleId :

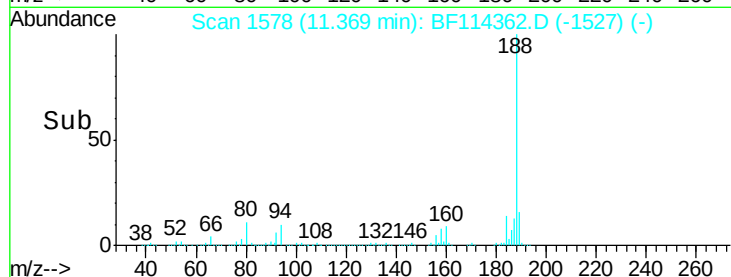
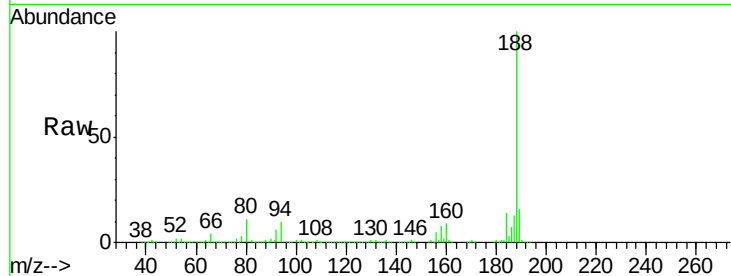
Tot Ion:188 Resp: 682927

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

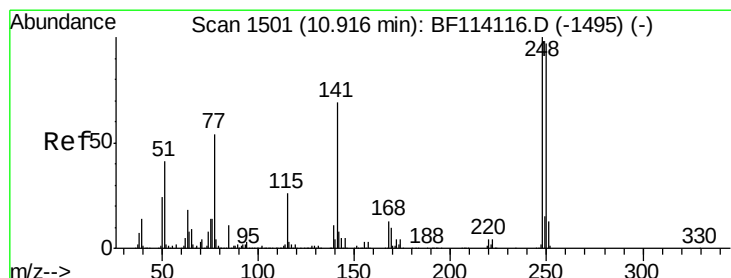
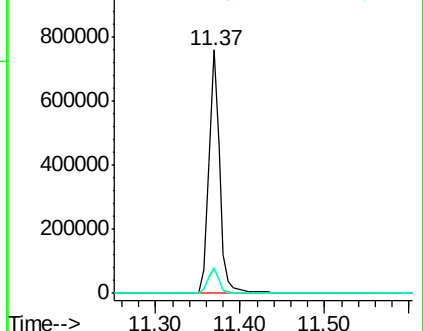
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.854 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114362.D

Acq: 17 May 2019 20:45

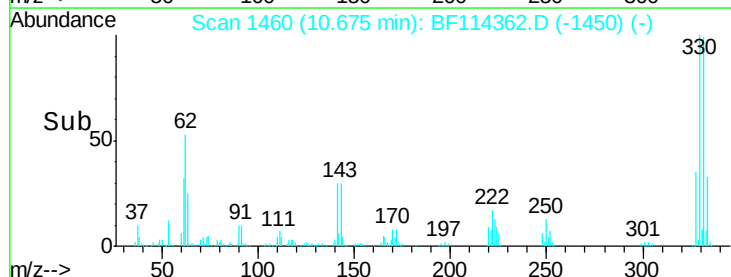
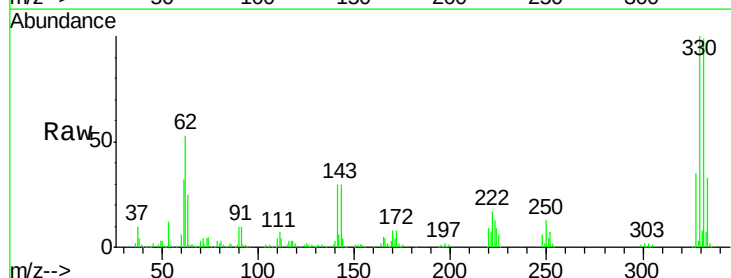
Tgt Ion:248 Resp: 21460

Ion Ratio Lower Upper

248 100

250 198.2 77.4 116.2#

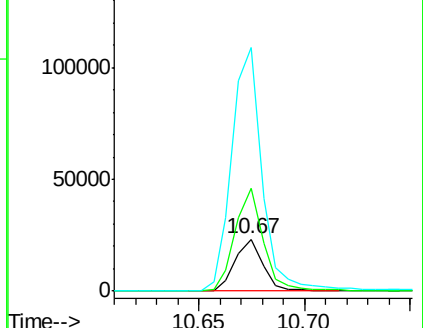
141 471.3 55.6 83.4#

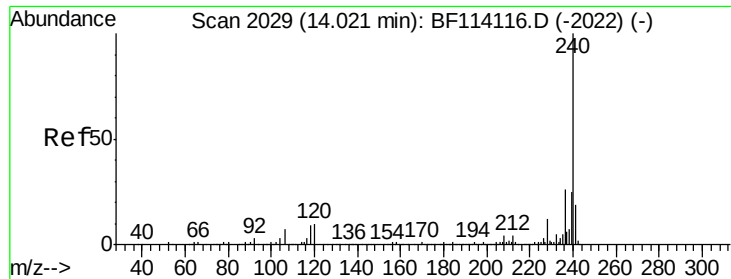


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

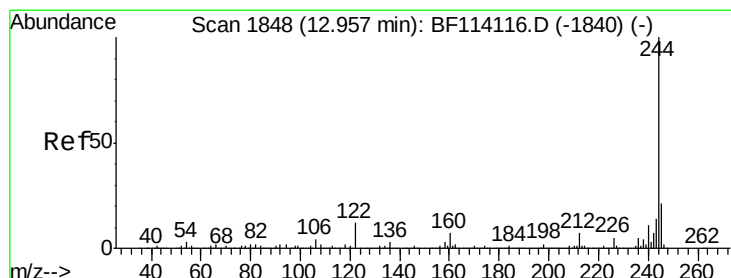
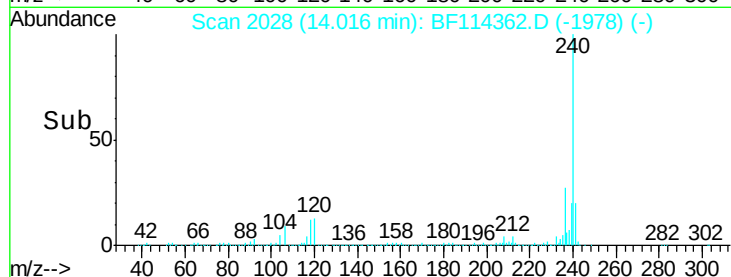
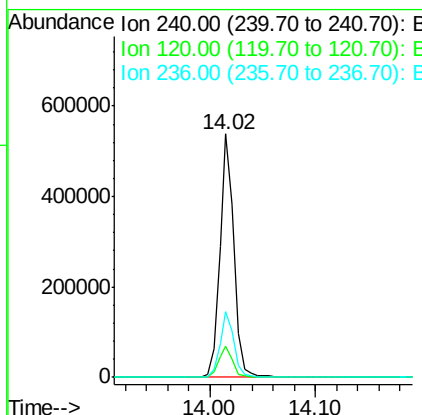
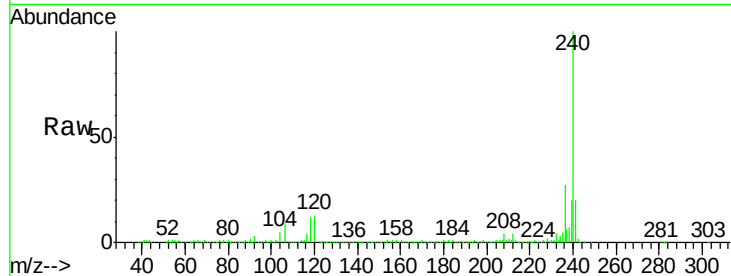




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF114362.D
 Acq: 17 May 2019 20:45

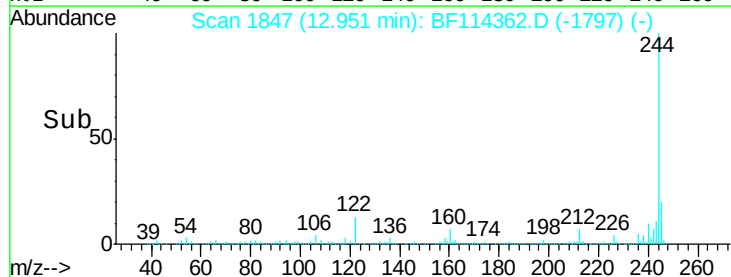
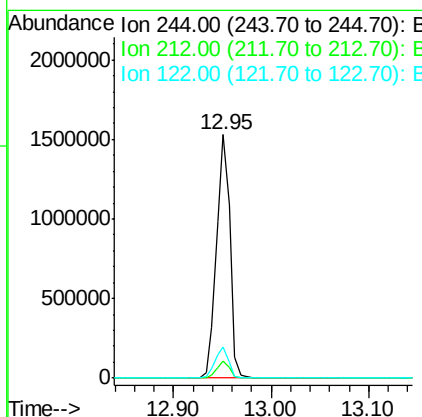
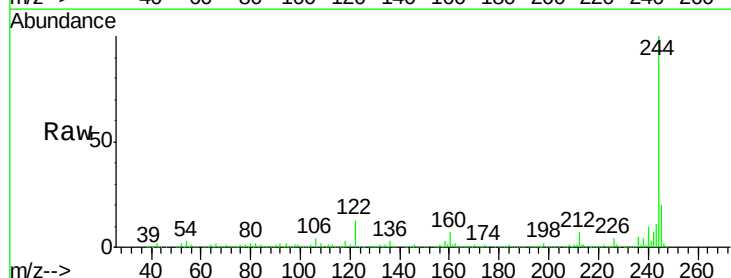
Instrument :
 BNA_F
 ClientSampleId :

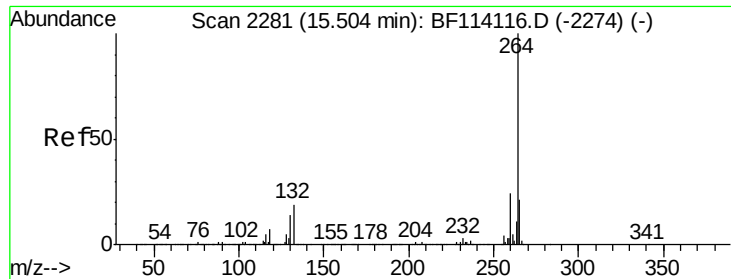
Tot Ion:240 Resp: 504231
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.3 12.5#
 236 26.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 59.893 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114362.D
 Acq: 17 May 2019 20:45

Tgt Ion:244 Resp: 1464989
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.8 9.4 14.2

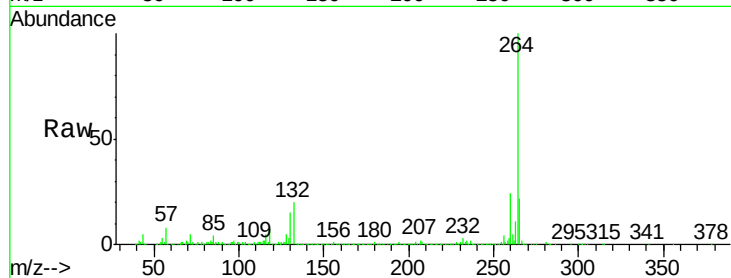




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114362.D
Acq: 17 May 2019 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.9	25.3



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

