

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116250.D
 Acq On : 14 Aug 2019 00:23
 Operator : HP/JU
 Sample : K4229-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 14 01:49:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

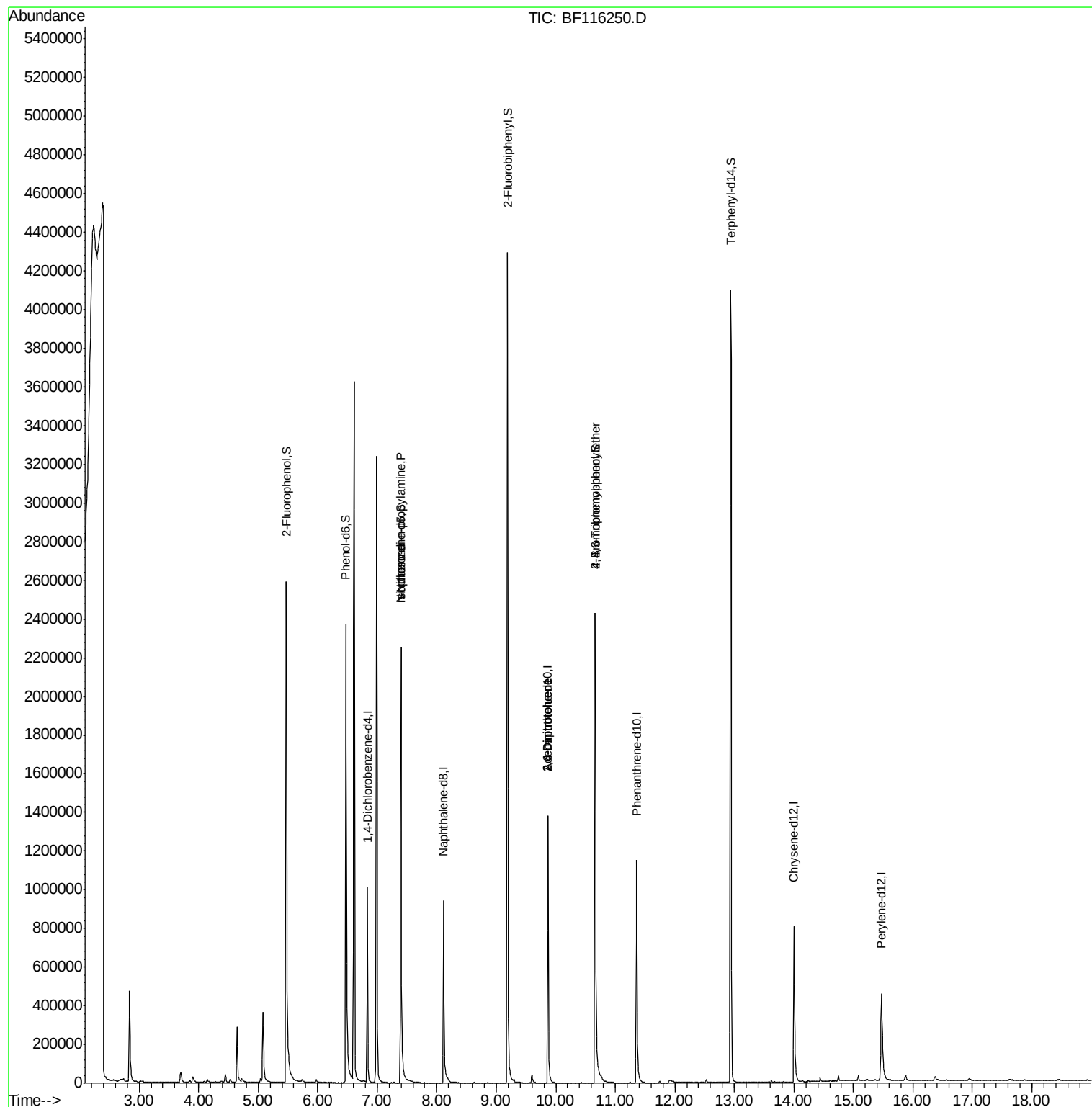
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147326	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	565434	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	300750	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	537208	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363497	20.00	ng	0.00
87) Perylene-d12	15.47	264	352660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	963963	109.53	ng	0.00
7) Phenol-d6	6.47	99	1096804	98.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	957212	97.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	409398	140.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1544504	96.19	ng	-0.01
79) Terphenyl-d14	12.94	244	1728259	100.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	126366	18.366	ng	# 80
25) Isophorone	7.40	82	957261	51.106	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	37317	8.386	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	37433	6.318	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	25203	4.383	ng	# 1

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

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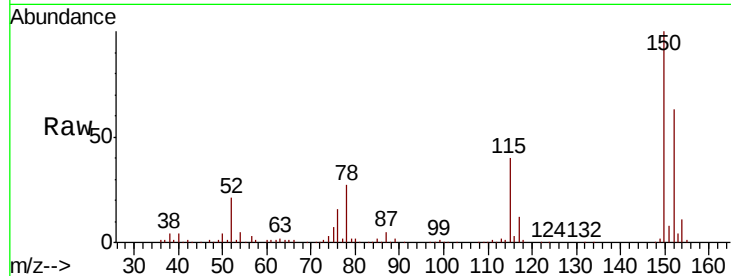


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116250.D
Acq: 14 Aug 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	63.1	49.9	74.9

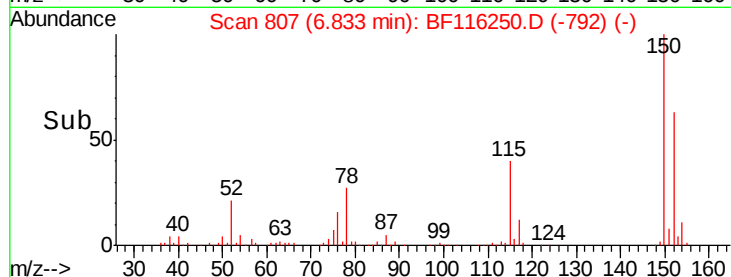
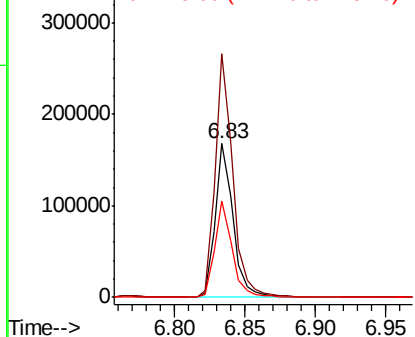


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

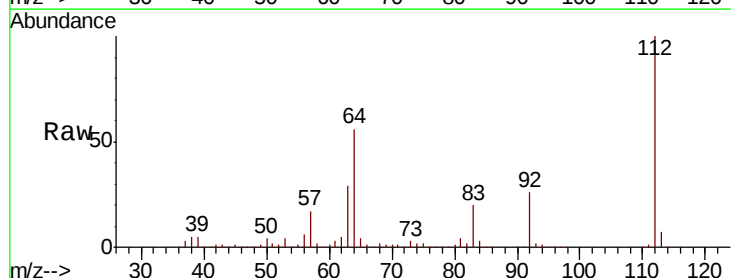
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.535 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116250.D
Acq: 14 Aug 2019 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.2
63	29.2	23.7	35.5

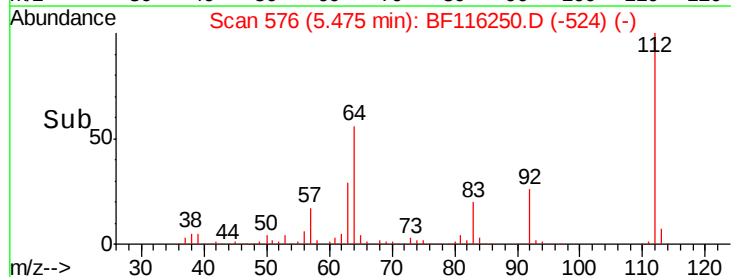
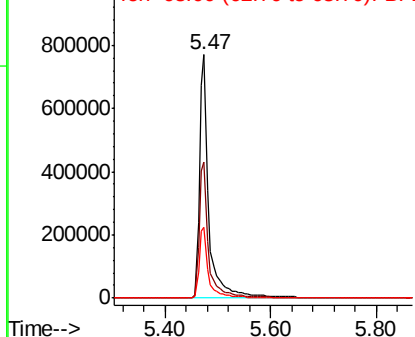


Abundance

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: 98.781 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

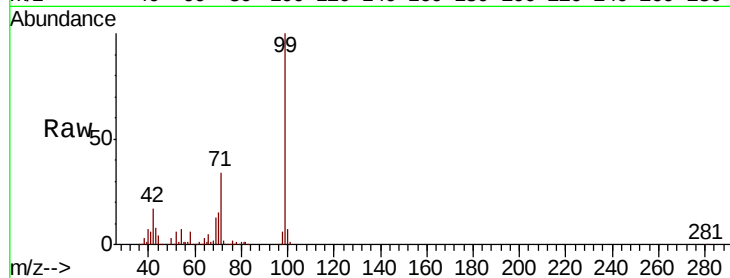
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1096804

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.2	27.3	40.9

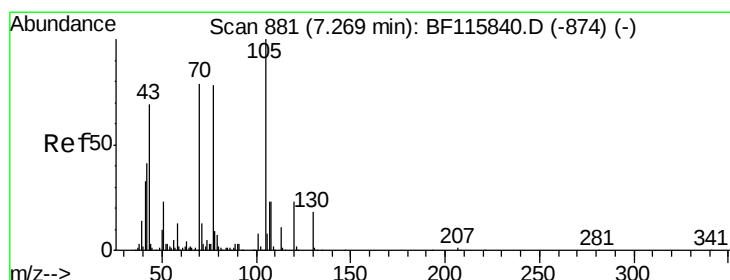
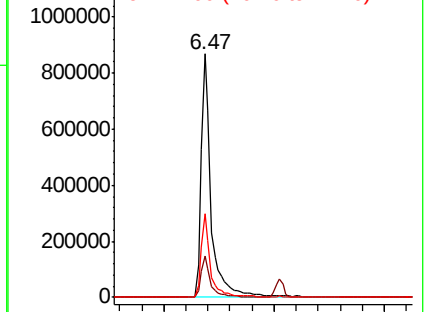
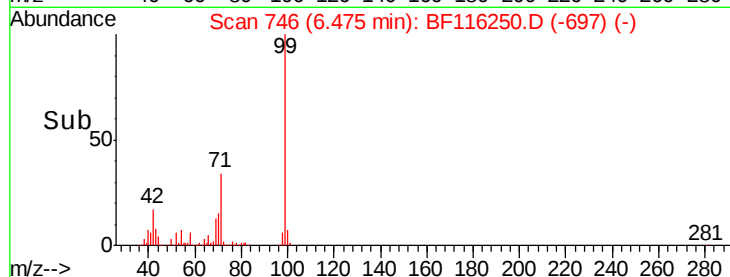


Abundance

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: 18.366 ng

RT: 7.40 min Scan# 903

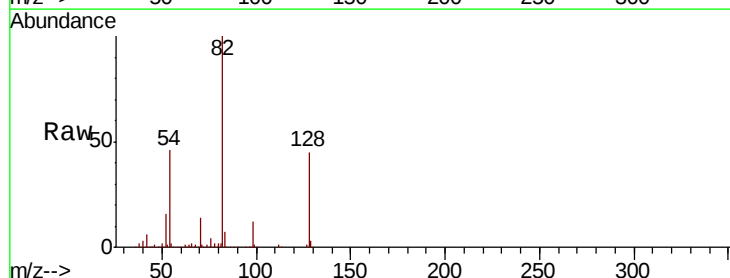
Delta R.T. 0.13 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Tgt Ion: 70 Resp: 126366

Ion	Ratio	Lower	Upper
70	100		
42	43.5	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



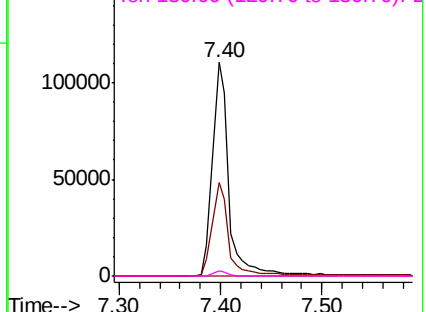
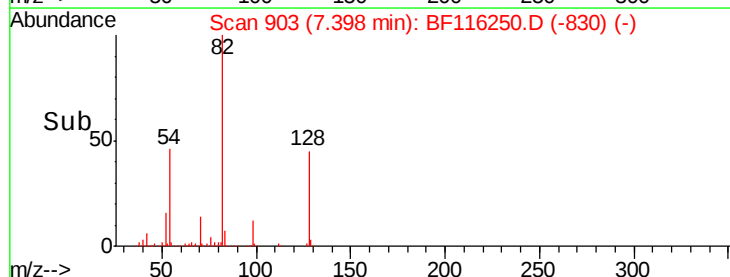
Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 565434

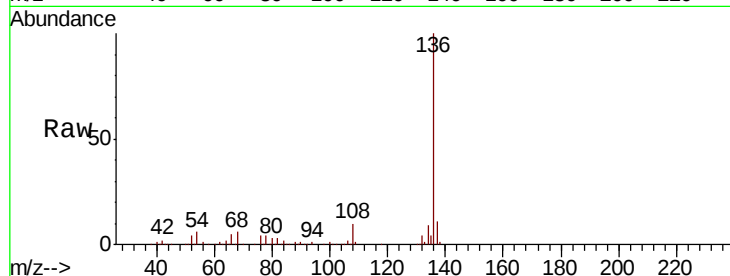
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.5 5.8 8.6

68 5.9 5.2 7.8

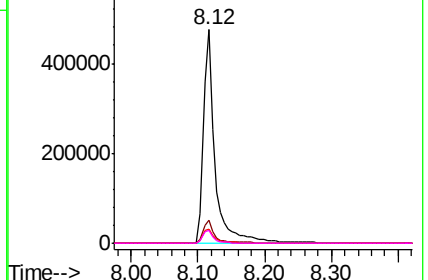
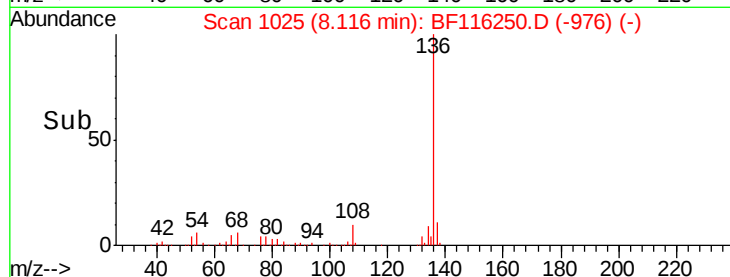


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.718 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

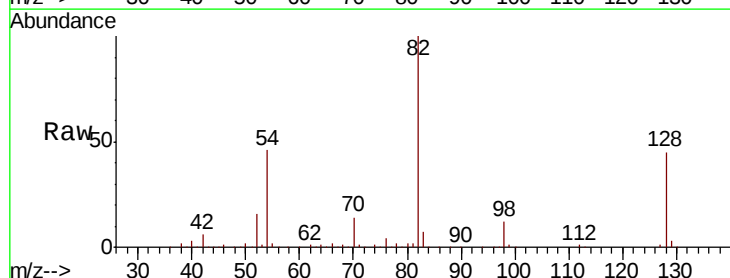
Tgt Ion: 82 Resp: 957212

Ion Ratio Lower Upper

82 100

128 44.7 36.5 54.7

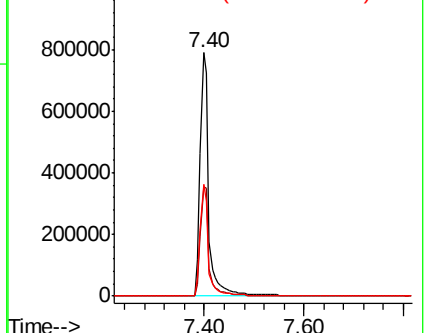
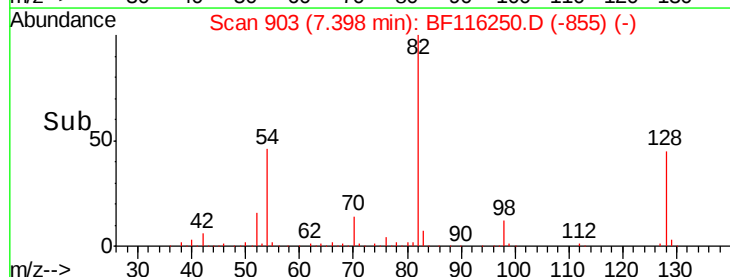
54 45.8 36.0 54.0

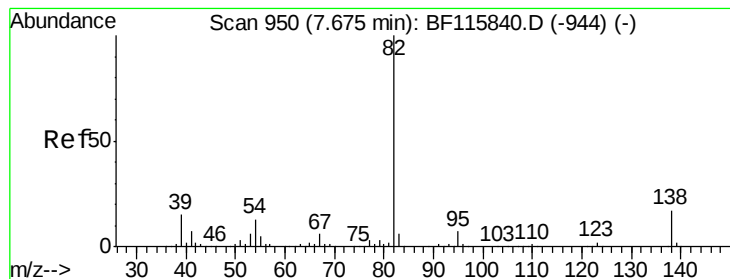


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.106 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampleId :

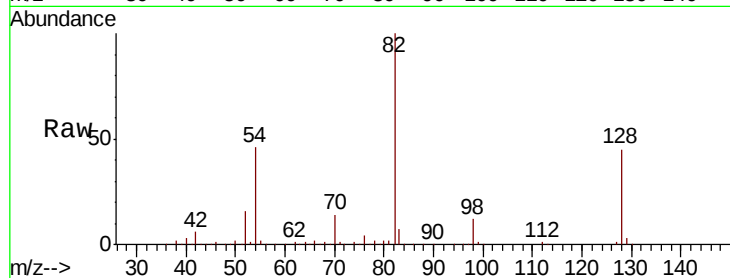
Tot Ion: 82 Resp: 957261

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

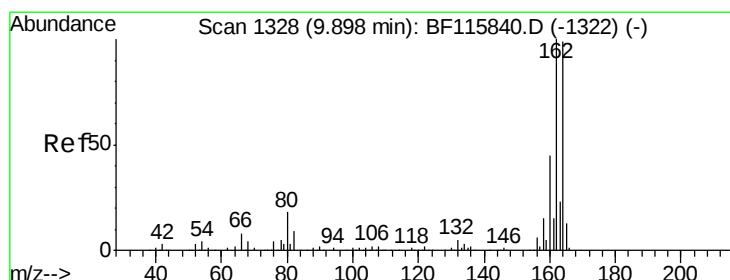
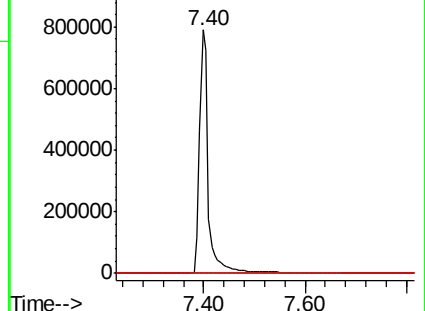
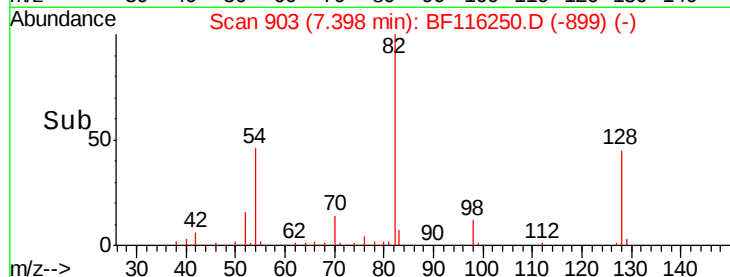
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

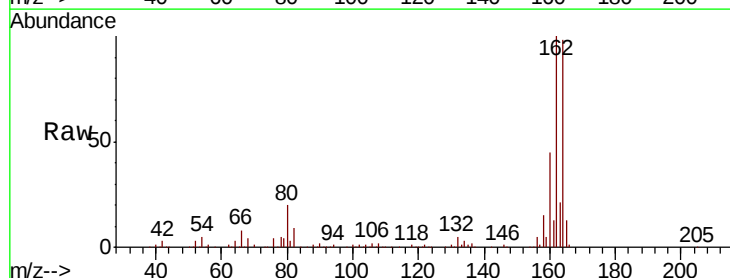
Tgt Ion: 164 Resp: 300750

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

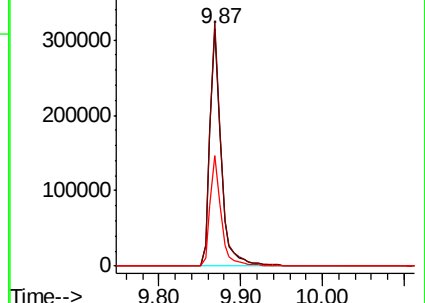
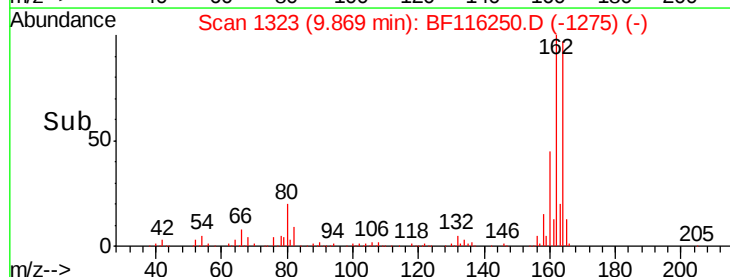
160 46.2 37.6 56.4



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: 140.404 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampled :

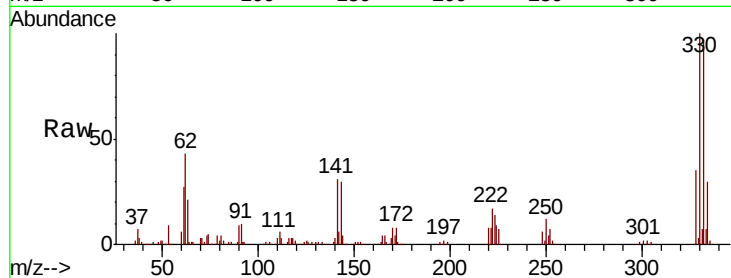
Tot Ion:330 Resp: 409398

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

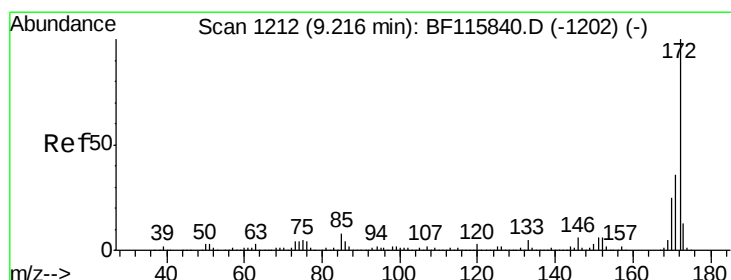
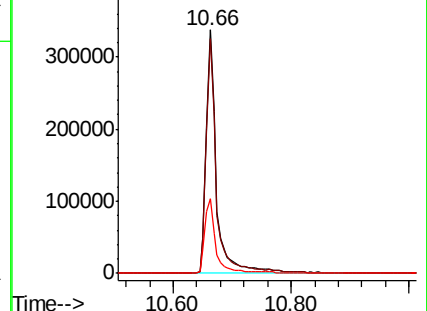
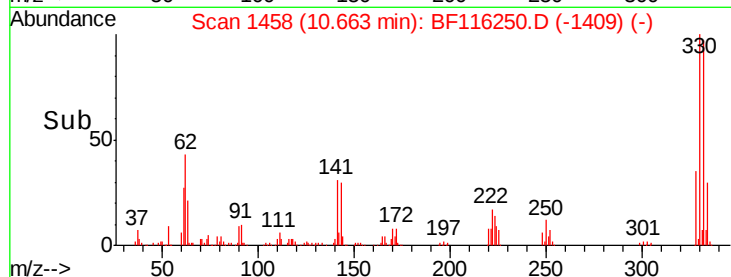
141 33.6 26.3 39.5



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: 96.192 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

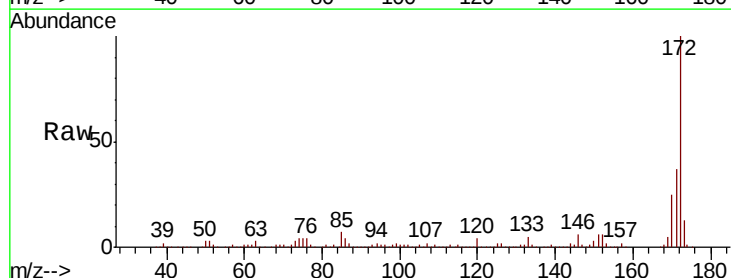
Tgt Ion:172 Resp: 1544504

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

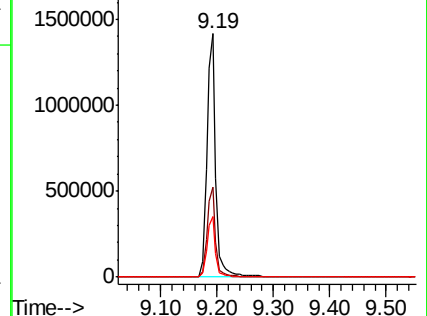
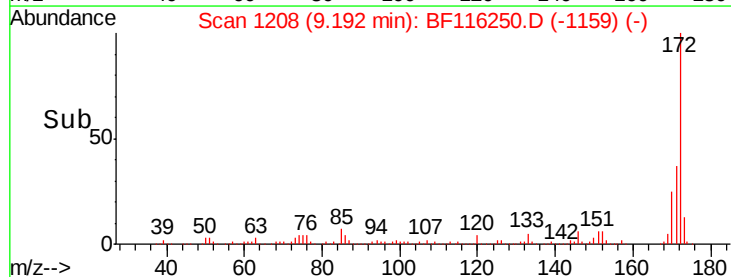
170 25.1 20.1 30.1

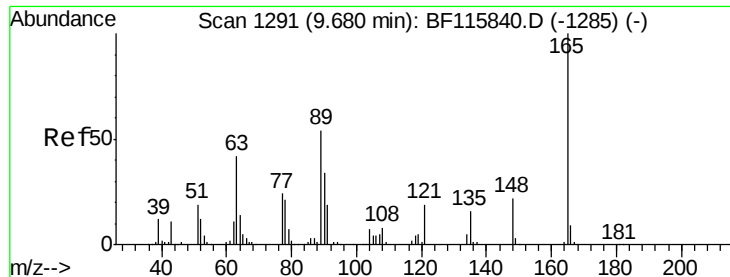


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

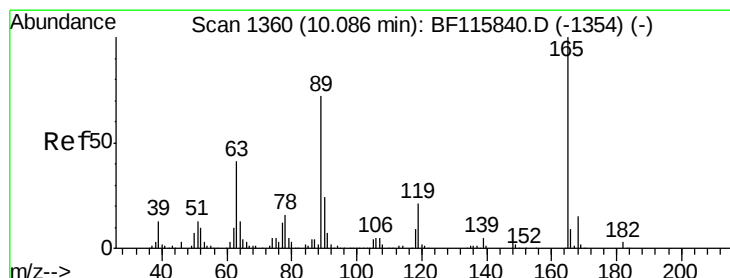
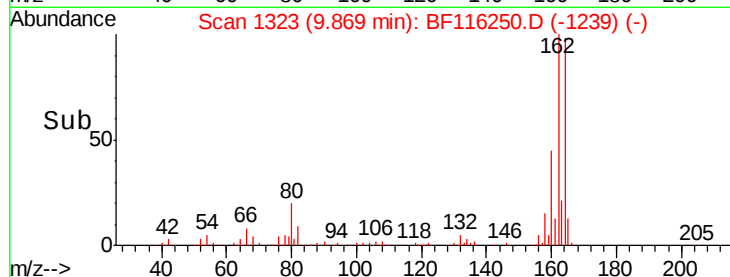
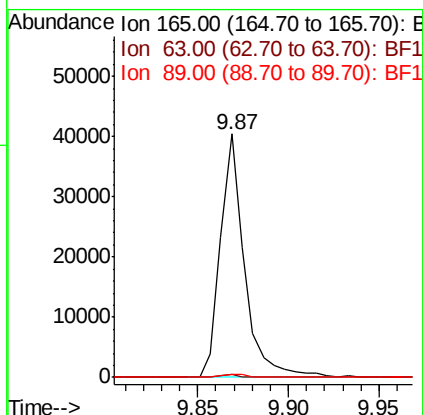
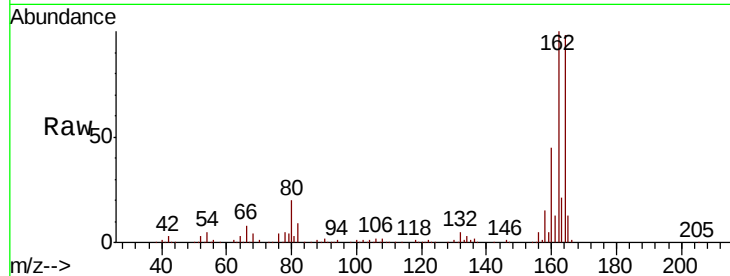




#51
 2,6-Dinitrotoluene
 Concen: 8.386 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

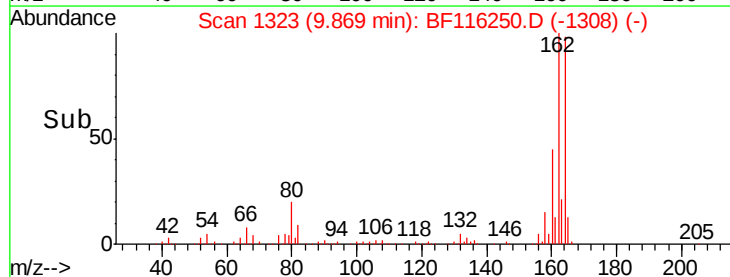
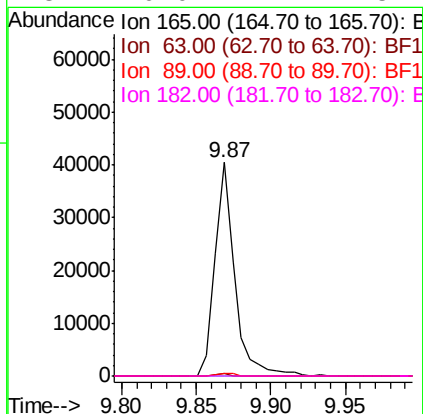
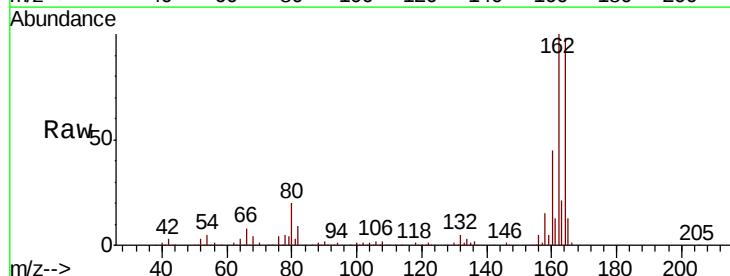
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 37317
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.2 57.2#
 89 1.3 42.9 64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Tgt Ion:165 Resp: 37433
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.6 59.4#
 89 1.3 62.2 93.2#
 182 0.0 2.1 3.1#

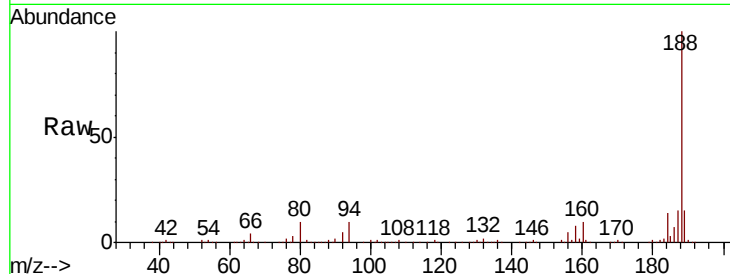




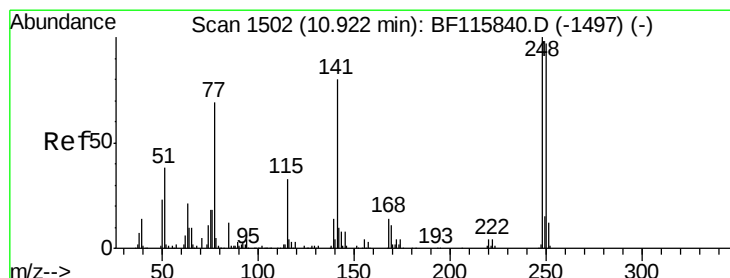
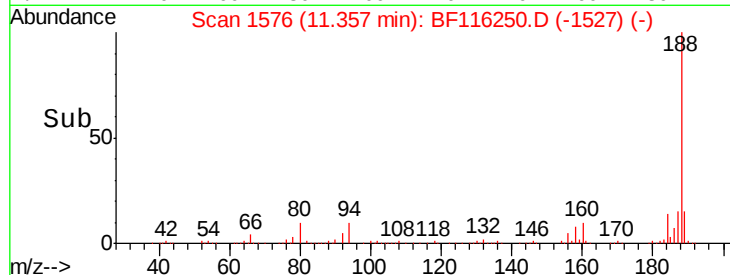
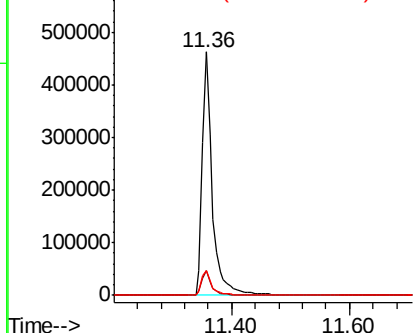
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 537208
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.1 12.1
 80 10.4 8.7 13.1

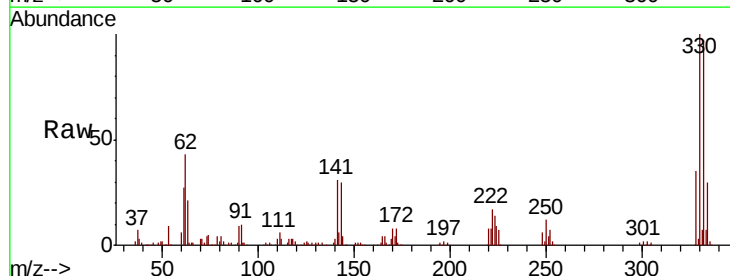


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

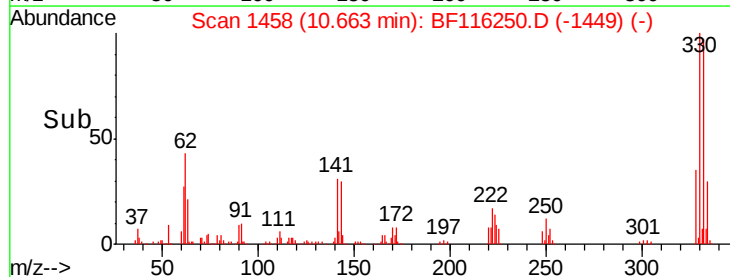
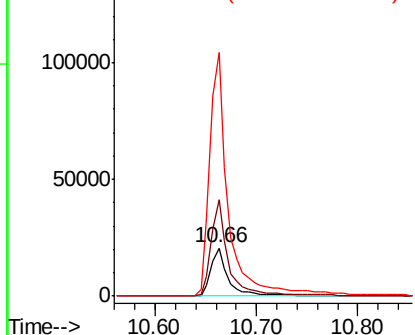


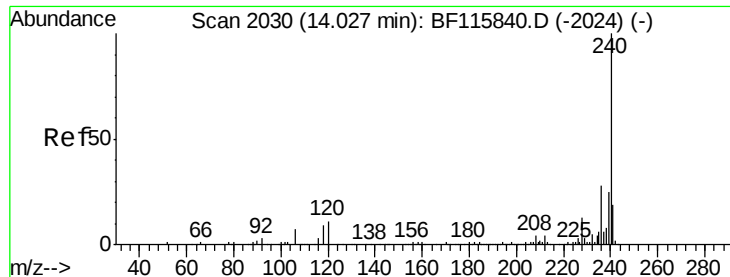
#67
 4-Bromophenyl-phenylether
 Concen: 4.383 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Tgt Ion:248 Resp: 25203
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.4 116.2#
 141 505.6 56.8 85.2#



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

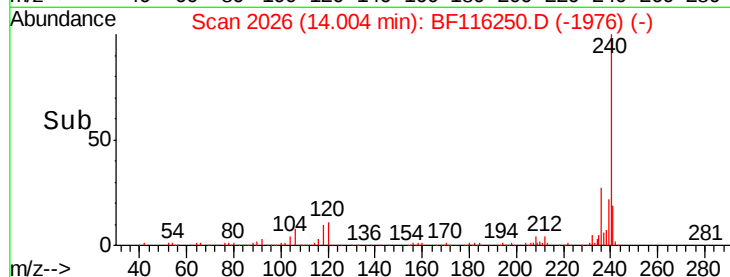
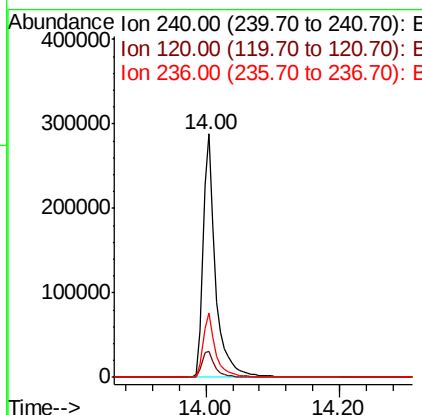
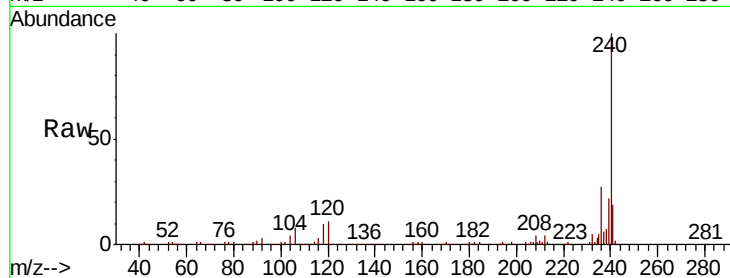




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

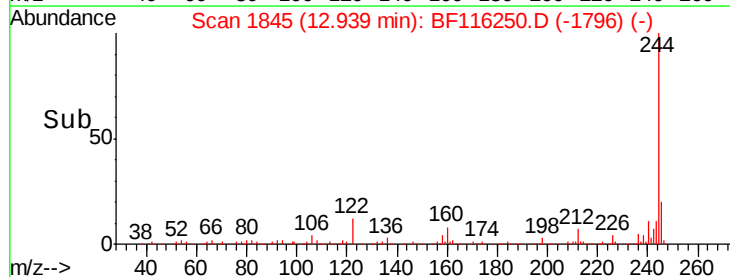
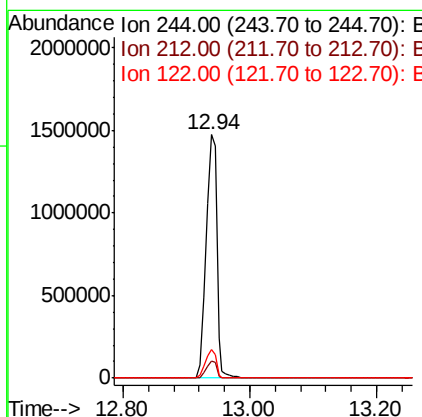
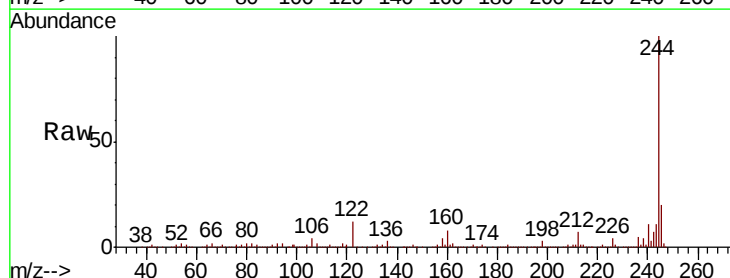
Instrument :
 BNA_F
 ClientSampleId :

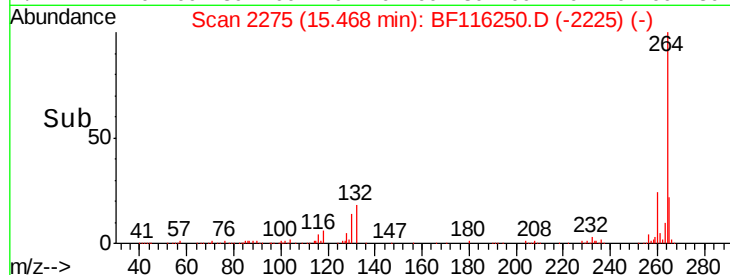
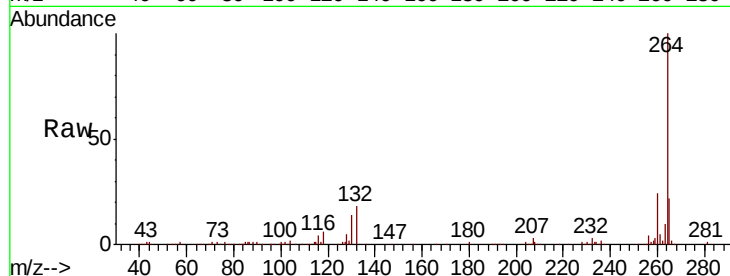
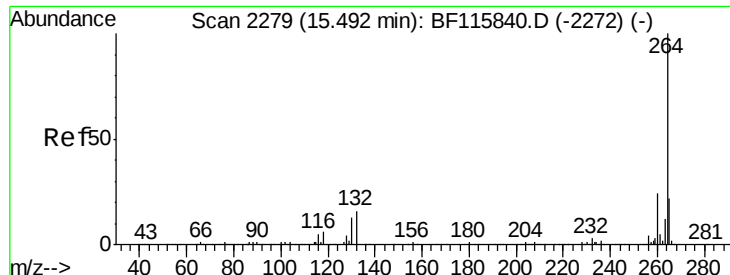
Tot Ion:240 Resp: 363497
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.7 16.1
 236 26.6 22.2 33.2



#79
 Terphenyl-d14
 Concen: 100.186 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Tgt Ion:244 Resp: 1728259
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.5 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116250.D
Acq: 14 Aug 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	352660
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.5	17.4	26.0

