

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116080.D
 Acq On : 8 Aug 2019 21:11
 Operator : HP/JU
 Sample : K4130-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:14:03 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

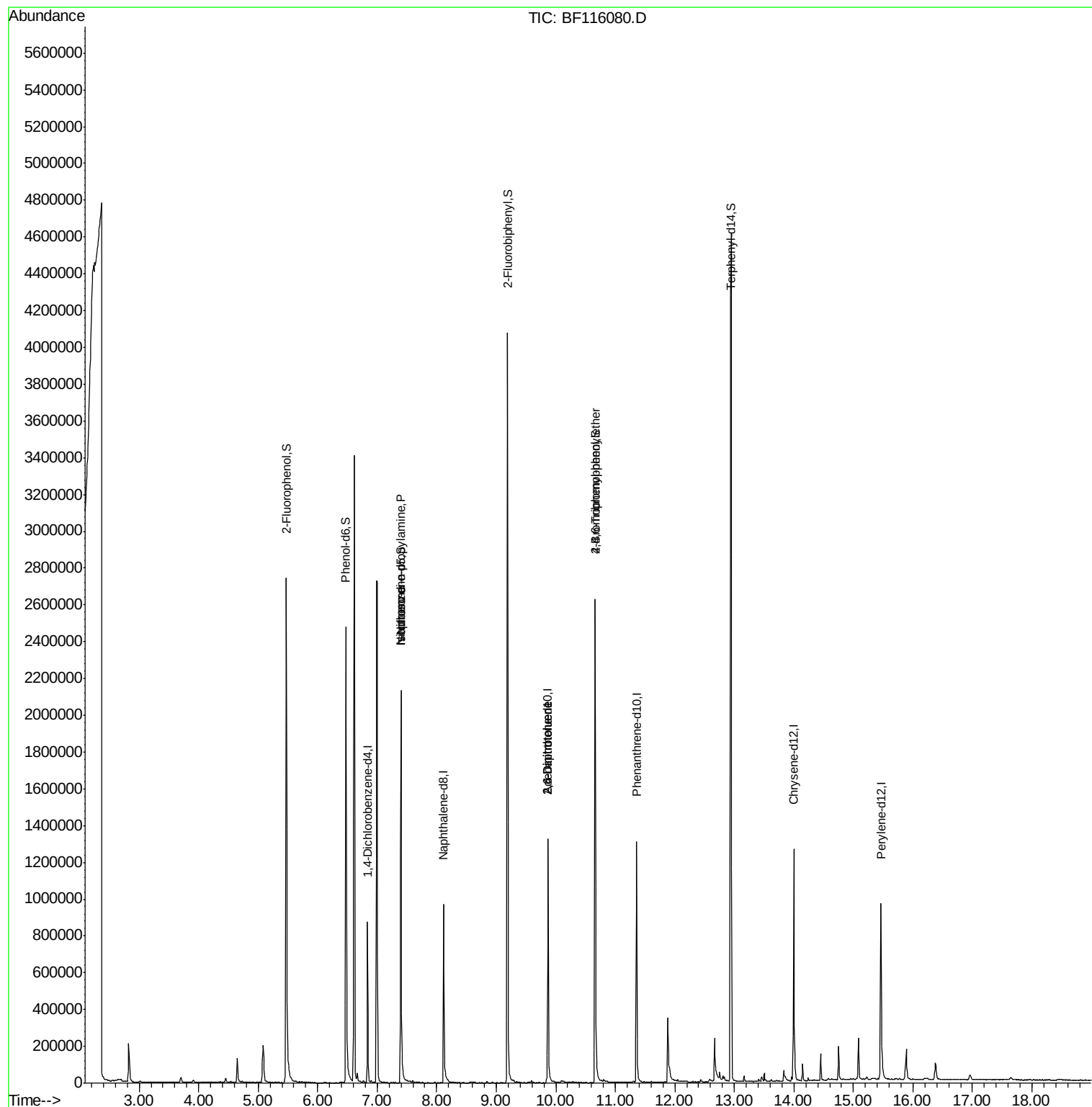
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126556	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	496941	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	272827	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	523541	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	467803	20.00	ng	-0.01
87) Perylene-d12	15.46	264	448196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	884025	116.94	ng	0.00
7) Phenol-d6	6.47	99	1020217	106.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	828256	96.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	389482	147.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1423104	97.70	ng	-0.01
79) Terphenyl-d14	12.94	244	1876831	84.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	108112	18.292	ng	# 81
25) Isophorone	7.40	82	828252	50.314	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	35005	8.671	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	35005	6.513	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	23494	4.192	ng	# 1

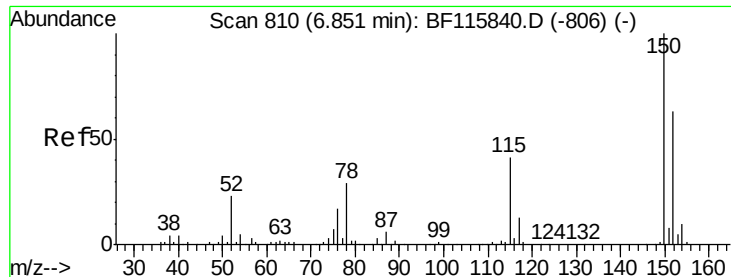
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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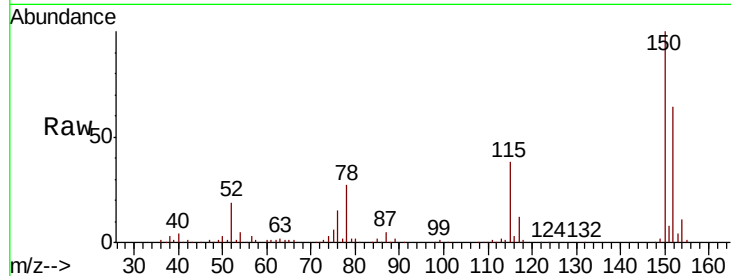


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116080.D
Acq: 8 Aug 2019 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.4	49.9	74.9

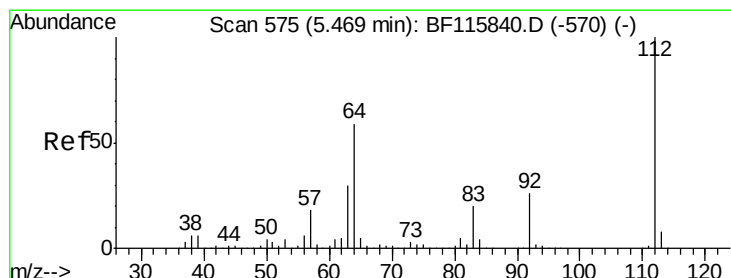
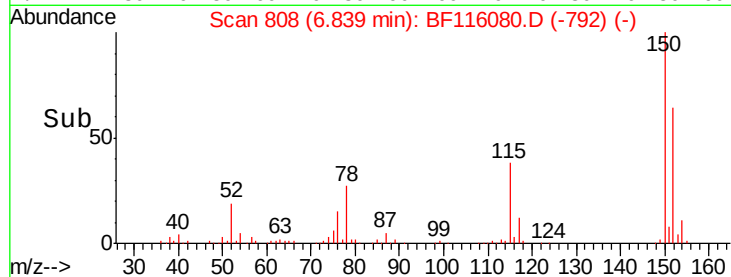
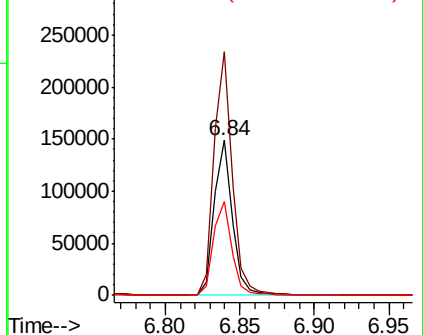


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

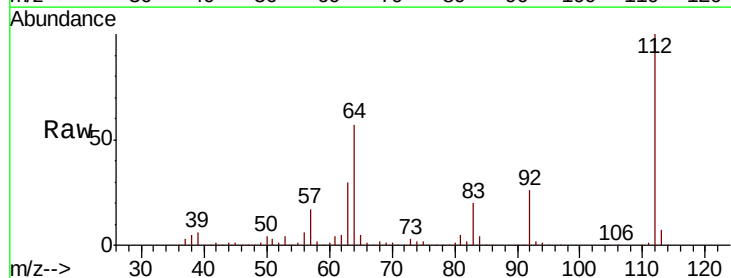
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.937 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116080.D
Acq: 8 Aug 2019 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.4	68.2
63	29.9	23.7	35.5

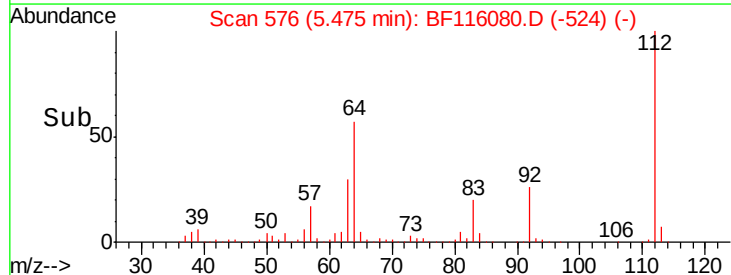
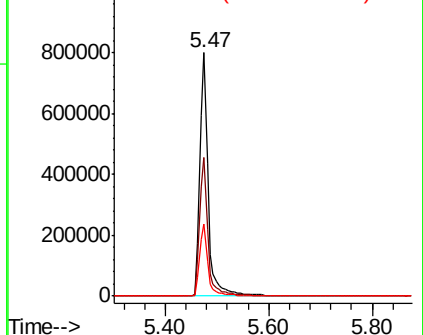


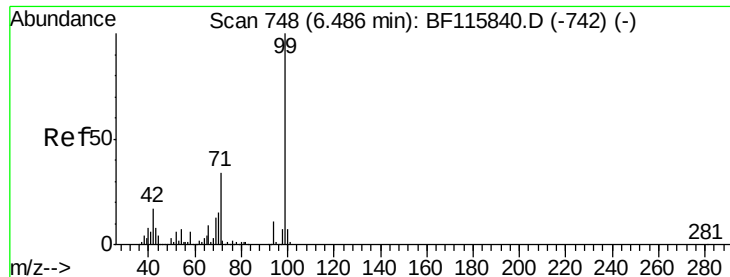
Abundance

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: 106.963 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

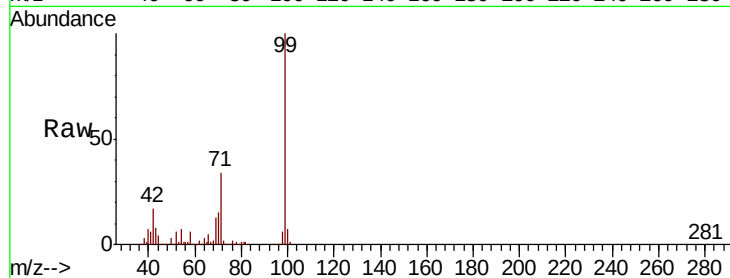
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1020217

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.2	27.3	40.9

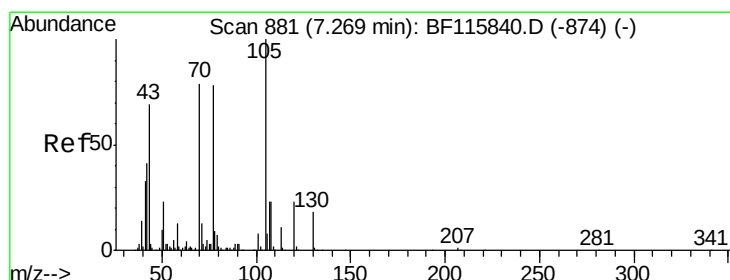
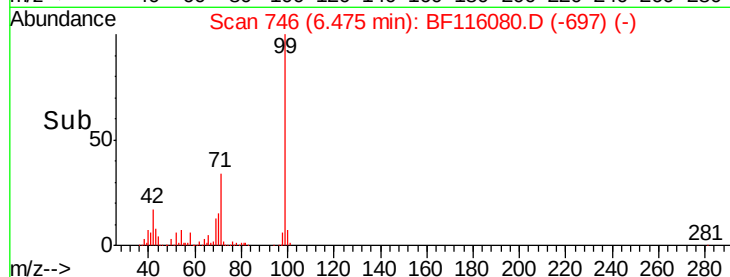
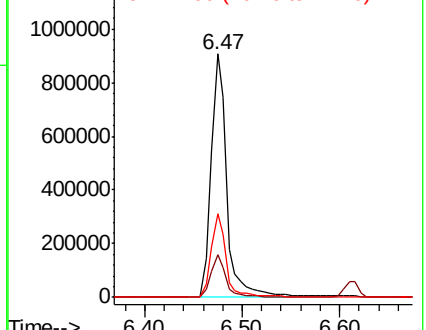


Abundance

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: 18.292 ng

RT: 7.40 min Scan# 903

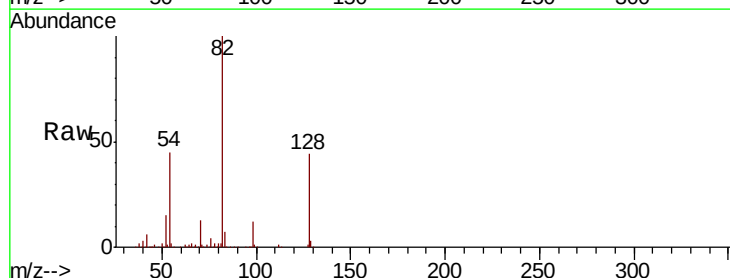
Delta R.T. 0.13 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Tgt Ion: 70 Resp: 108112

Ion	Ratio	Lower	Upper
70	100		
42	44.8	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



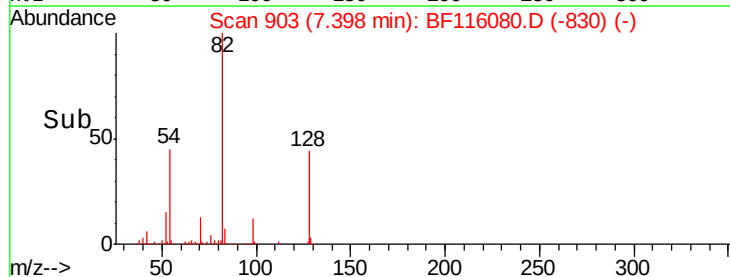
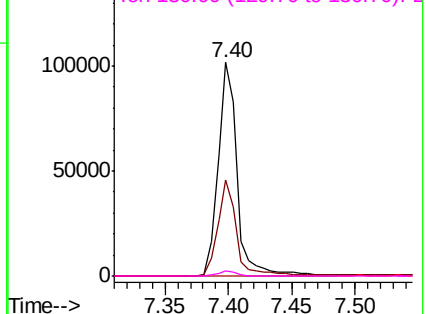
Abundance

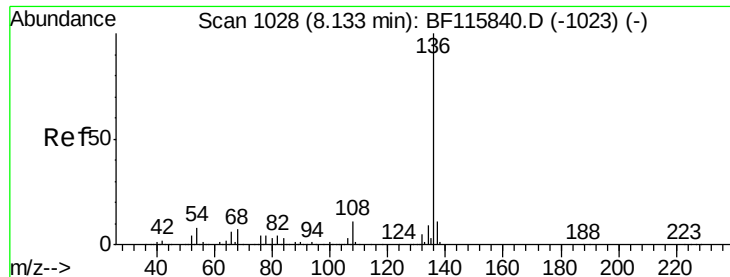
Ion 70.00 (69.70 to 70.70): BF1

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: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 496941

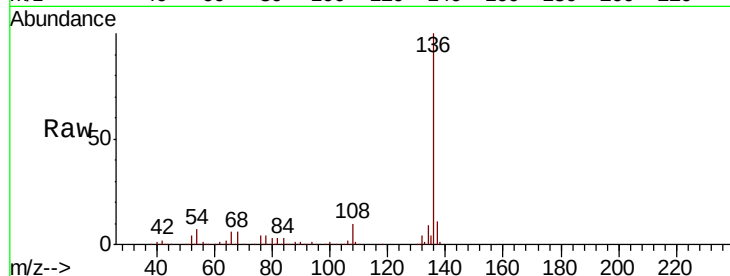
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

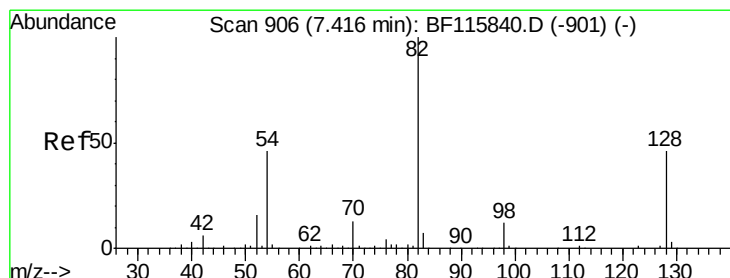
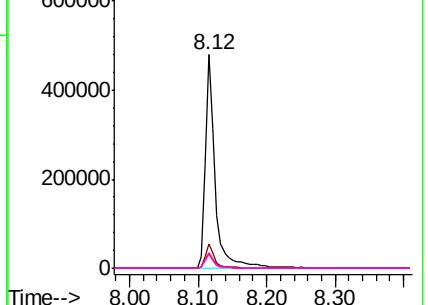
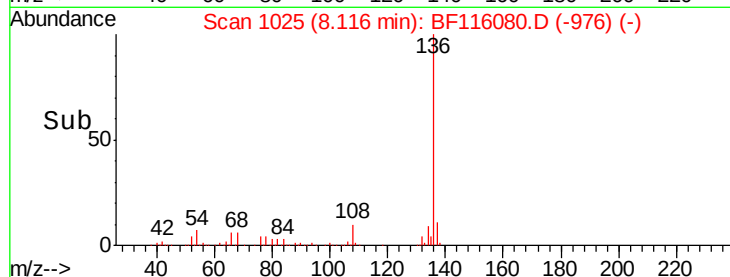


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.208 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

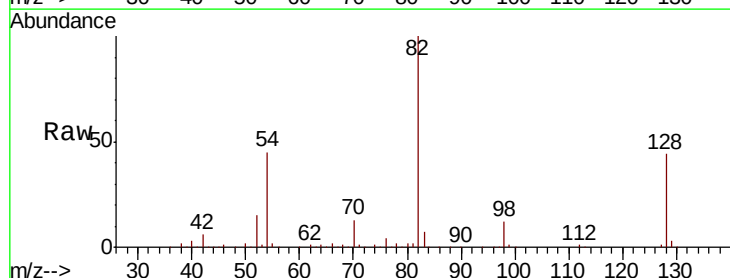
Tgt Ion: 82 Resp: 828256

Ion Ratio Lower Upper

82 100

128 44.2 36.5 54.7

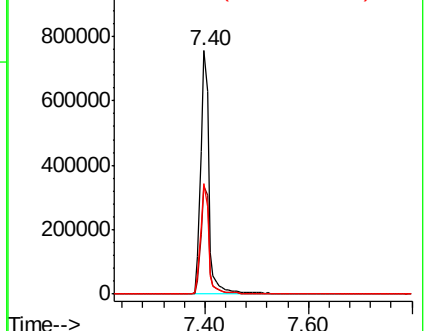
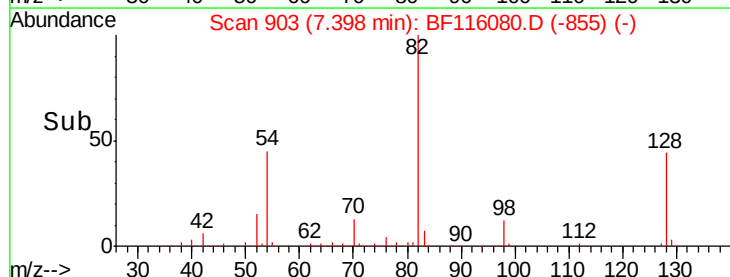
54 45.5 36.0 54.0

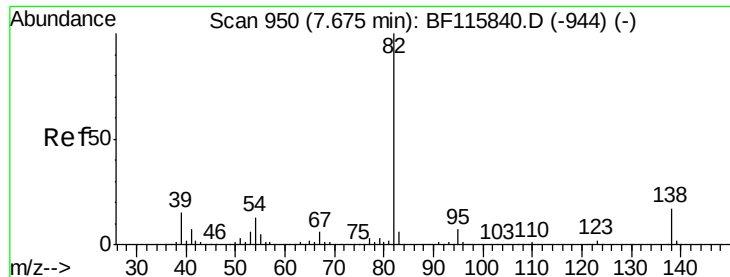


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.314 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

BNA_F

ClientSampleId :

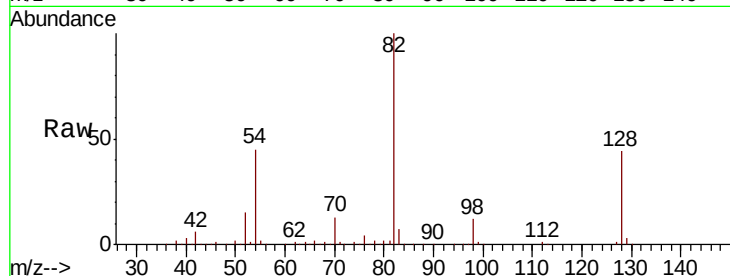
Tot Ion: 82 Resp: 828252

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

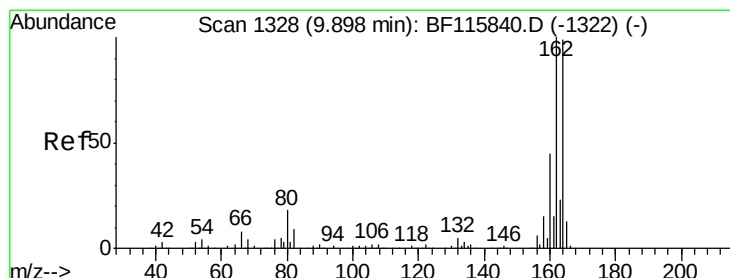
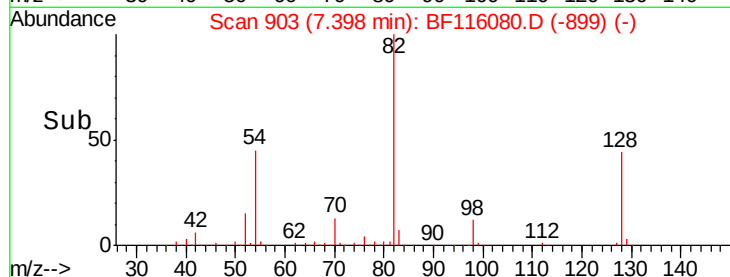
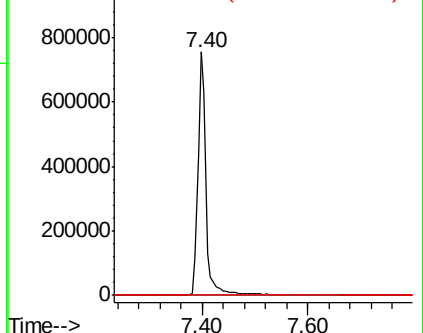
138 0.0 14.5 21.7#



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: BF116080.D

Acq: 8 Aug 2019 21:11

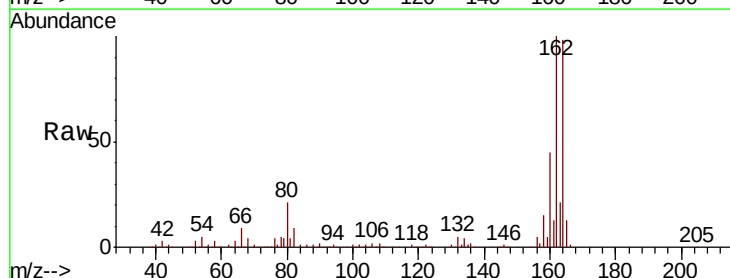
Tgt Ion: 164 Resp: 272827

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

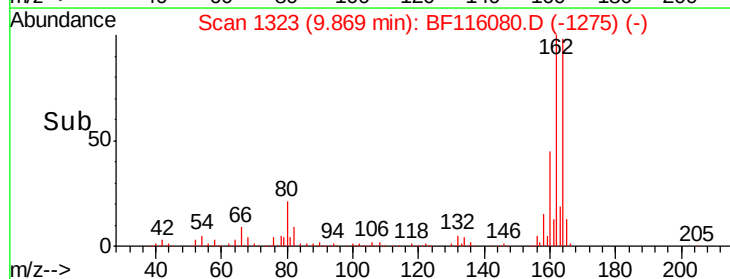
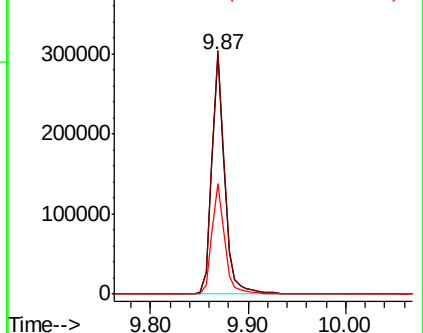
160 46.1 37.6 56.4

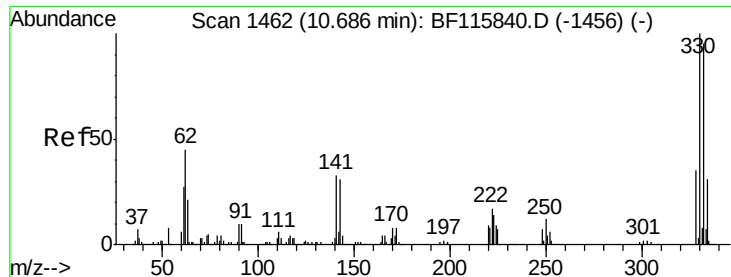


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

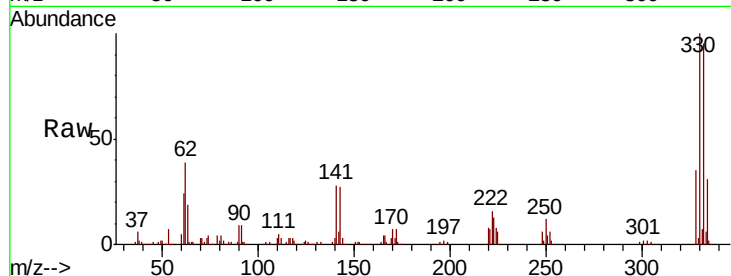




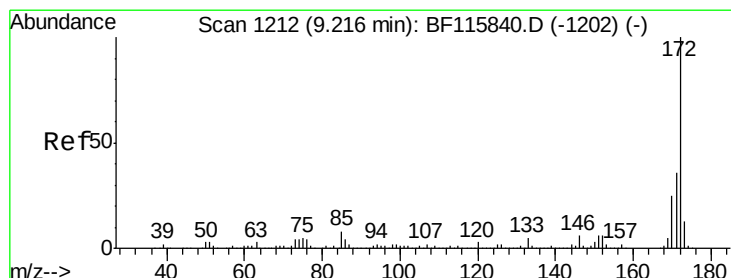
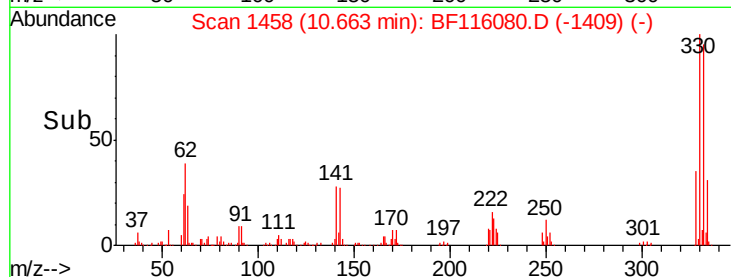
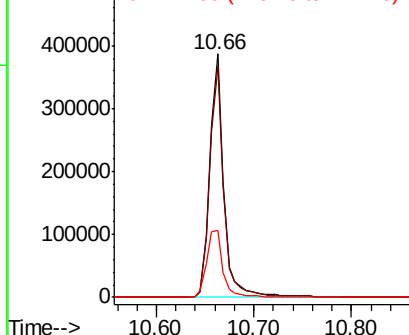
#42
 2,4,6-Tribromophenol
 Concen: 147.245 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	32.4	26.3	39.5

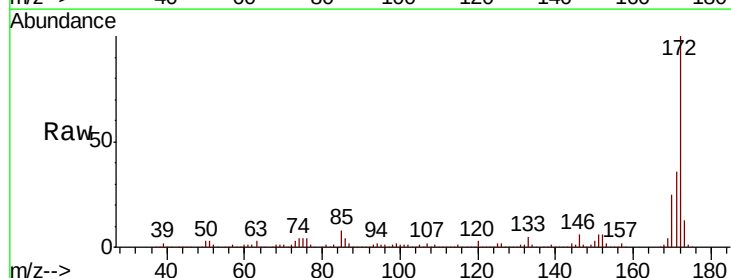


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

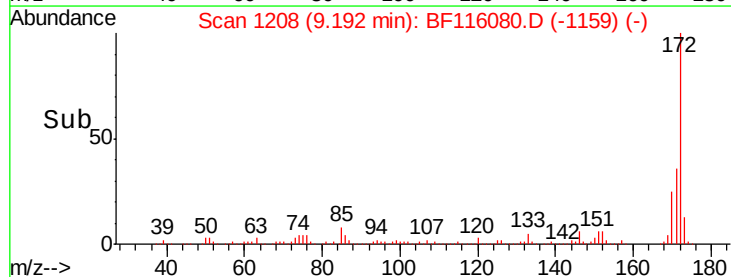
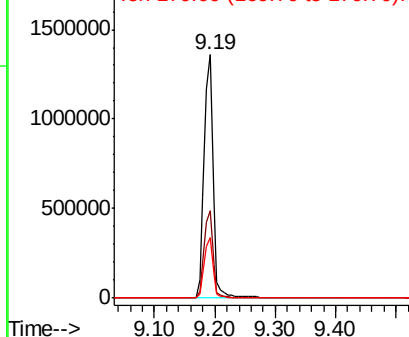


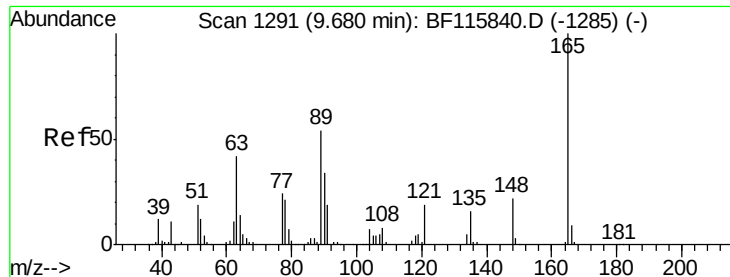
#45
 2-Fluorobiphenyl
 Concen: 97.702 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.0	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: 8.671 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

BNA_F

ClientSampled :

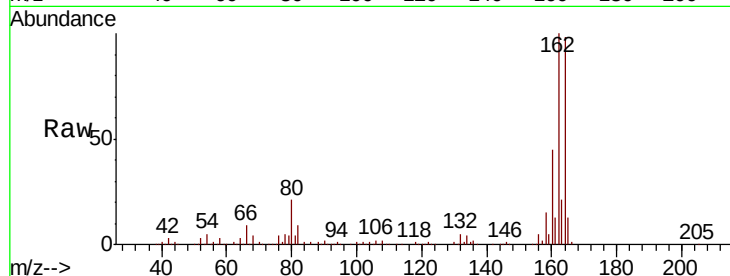
Tot Ion:165 Resp: 35005

Ion Ratio Lower Upper

165 100

63 1.2 38.2 57.2#

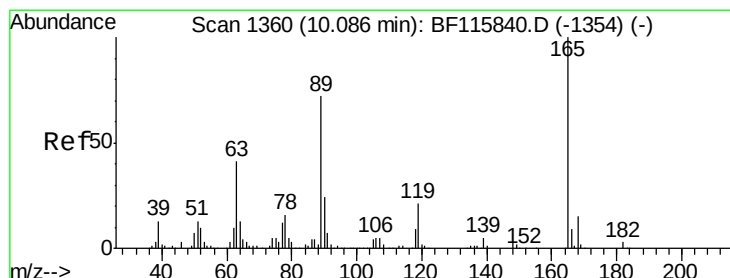
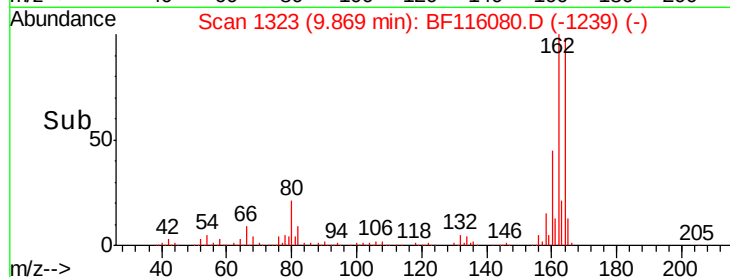
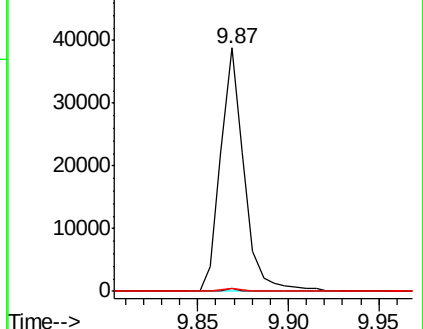
89 1.3 42.9 64.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.513 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Tgt Ion:165 Resp: 35005

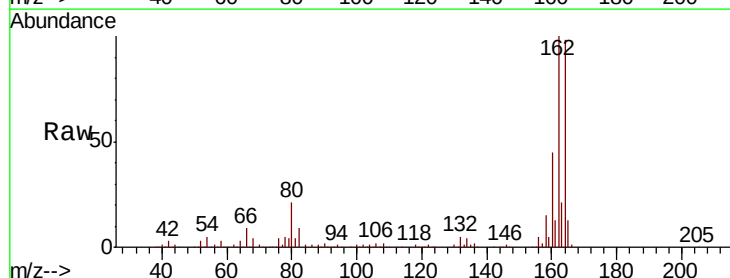
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

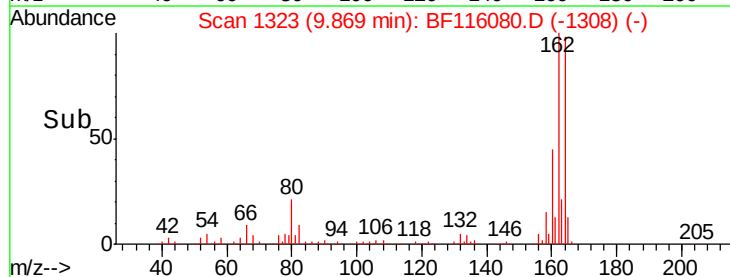
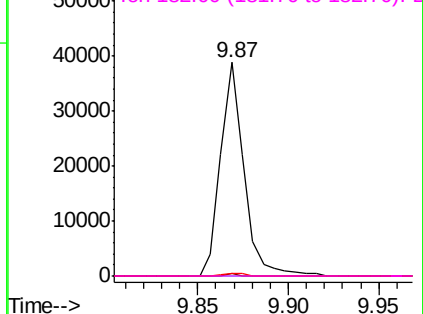


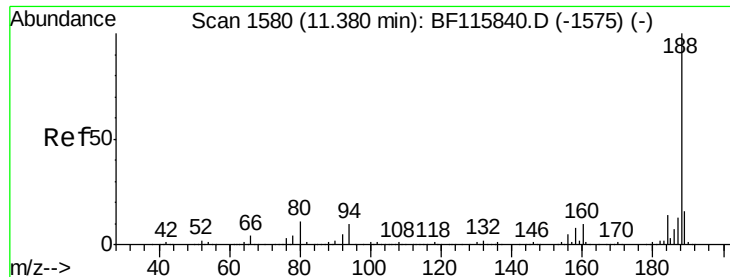
Abundance Ion 165.00 (164.70 to 165.70): E

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

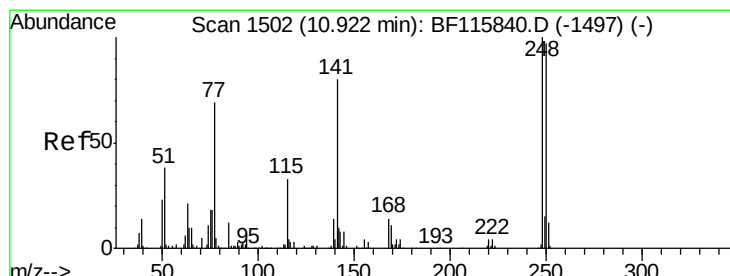
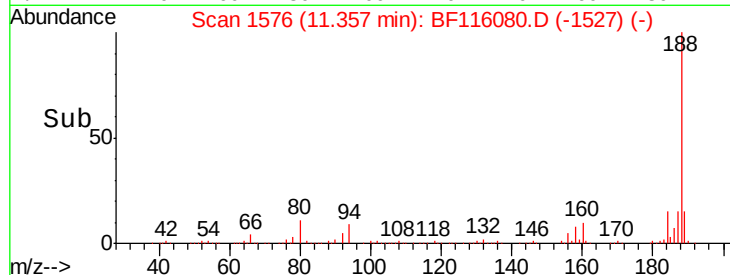
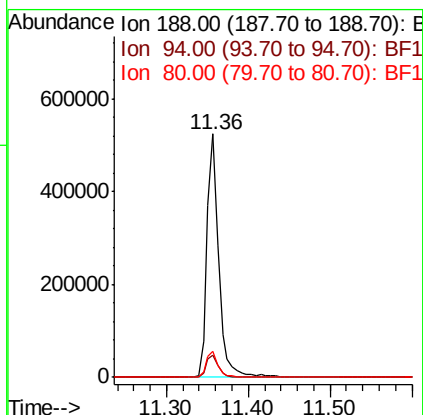
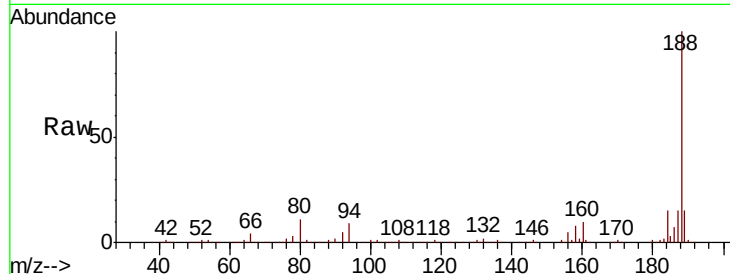




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

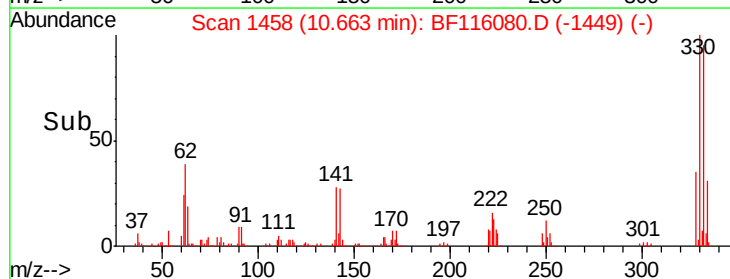
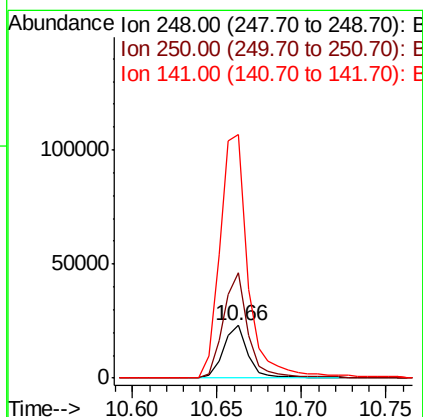
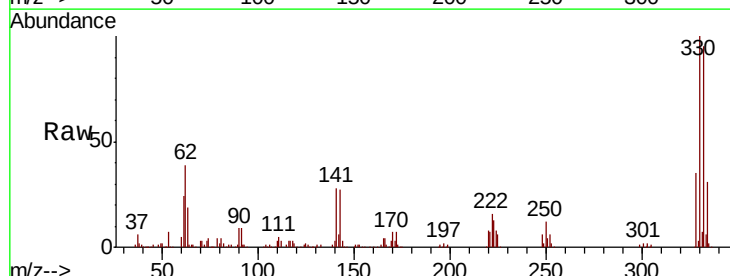
Instrument :
 BNA_F
 ClientSampleId :

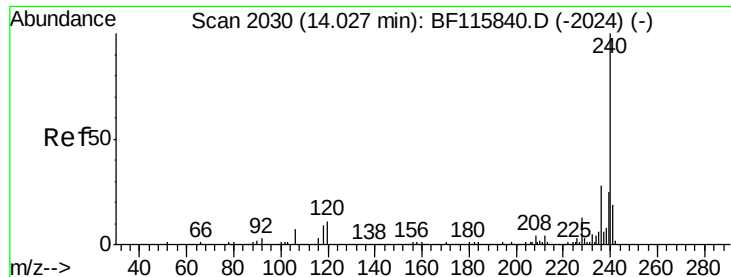
Tot Ion:188 Resp: 523541
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.1 12.1
 80 10.6 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.192 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Tgt Ion:248 Resp: 23494
 Ion Ratio Lower Upper
 248 100
 250 202.0 77.4 116.2#
 141 464.8 56.8 85.2#

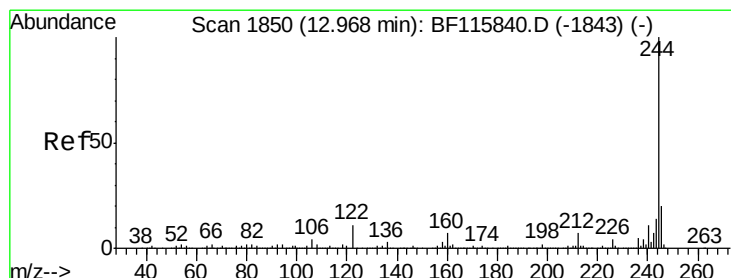
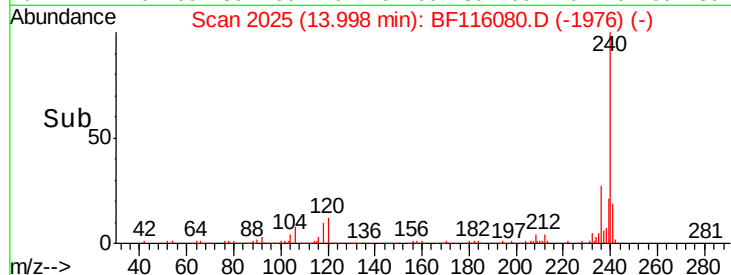
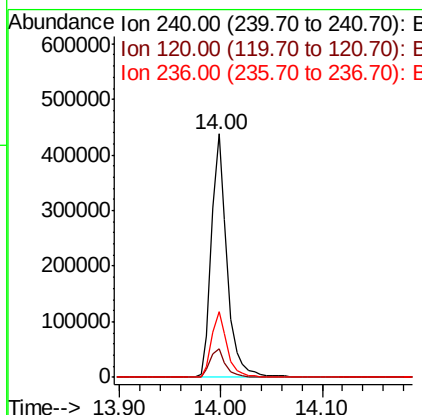
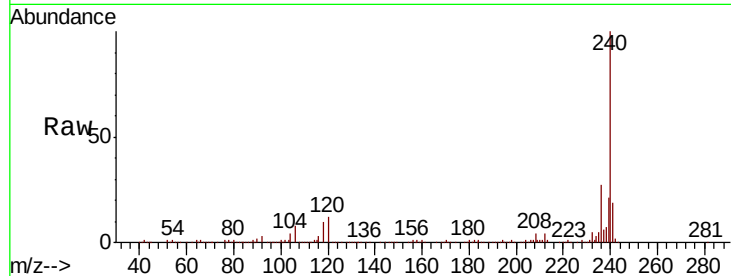




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116080.D
Acq: 8 Aug 2019 21:11

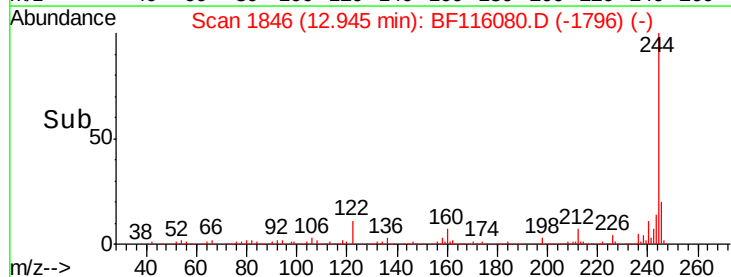
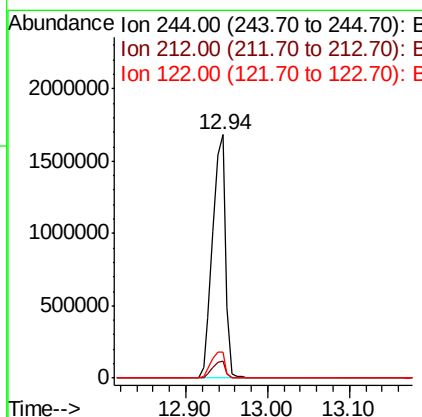
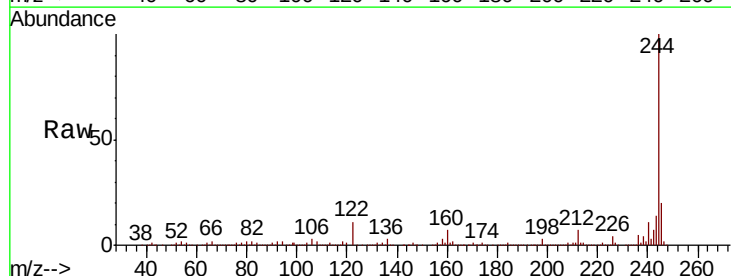
Instrument :
BNA_F
ClientSampled :

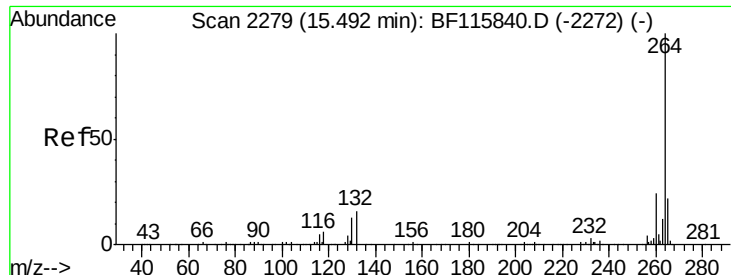
Tot Ion:240 Resp: 467803
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 27.1 22.2 33.2



#79
Terphenyl-d14
Concen: 84.540 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116080.D
Acq: 8 Aug 2019 21:11

Tgt Ion:244 Resp: 1876831
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.5 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.8	17.4	26.0

