

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116067.D
 Acq On : 8 Aug 2019 14:23
 Operator : HP/JU
 Sample : PB121894BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:10:42 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

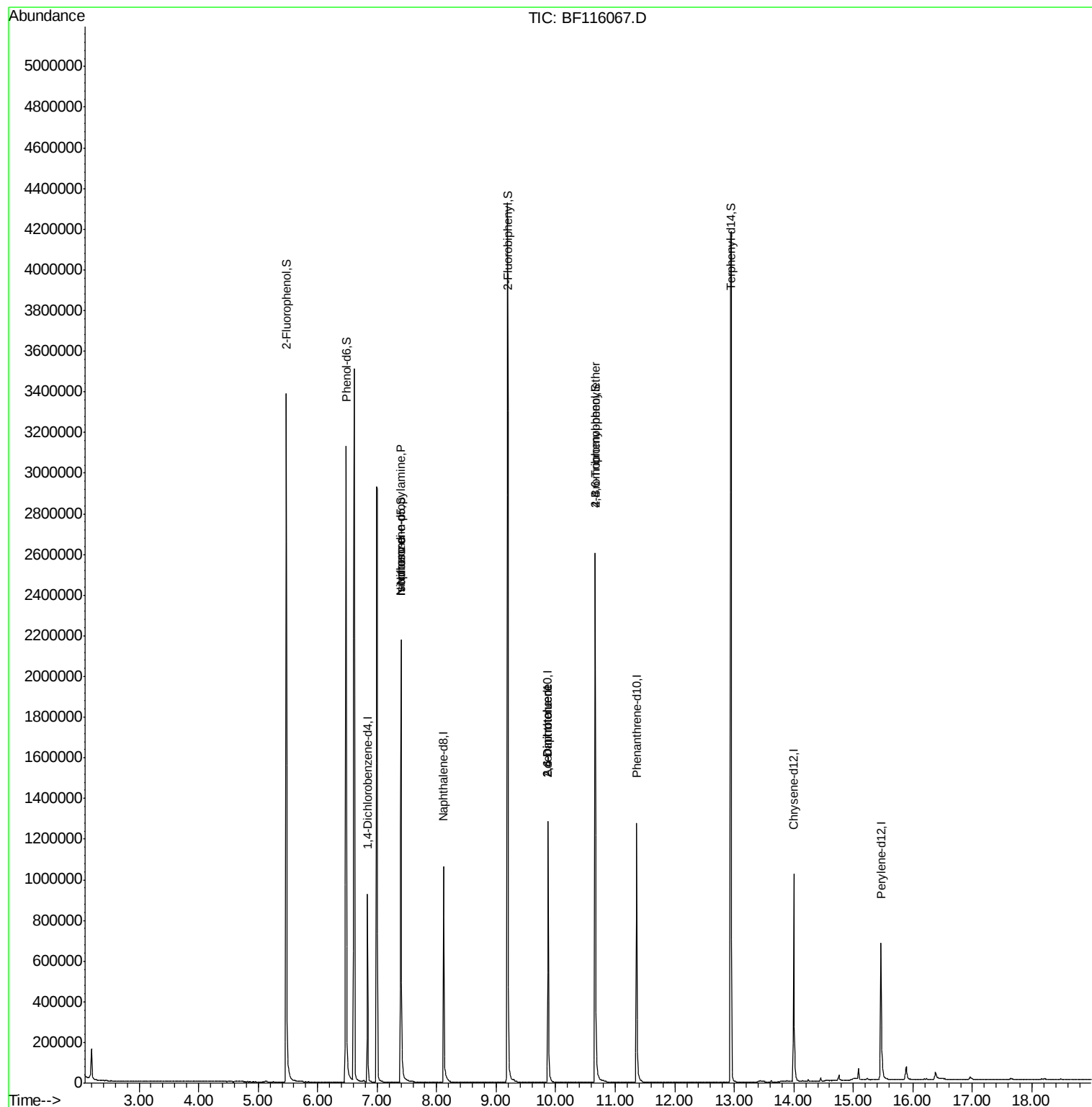
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148549	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	572959	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	307888	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	551419	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	399301	20.00	ng	-0.01
87) Perylene-d12	15.46	264	368703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1058524	119.29	ng	0.00
7) Phenol-d6	6.48	99	1384951	123.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	913812	92.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	381911	127.94	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1546086	94.06	ng	-0.01
79) Terphenyl-d14	12.95	244	1753540	92.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	120078	17.308	ng	# 77
25) Isophorone	7.40	82	913858	48.148	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	39250	8.615	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	39250	6.471	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22858	3.872	ng	# 1

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

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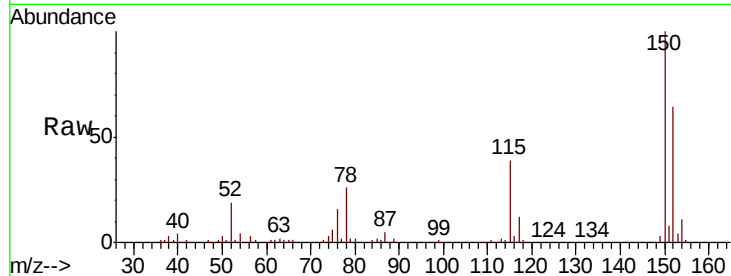


#1

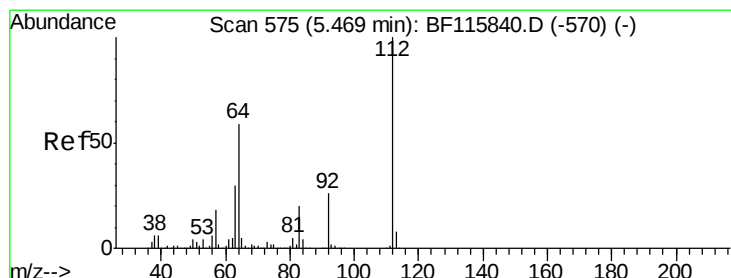
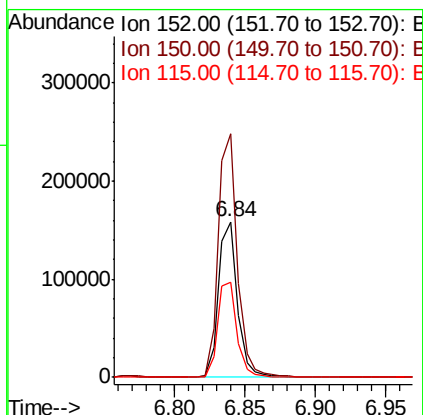
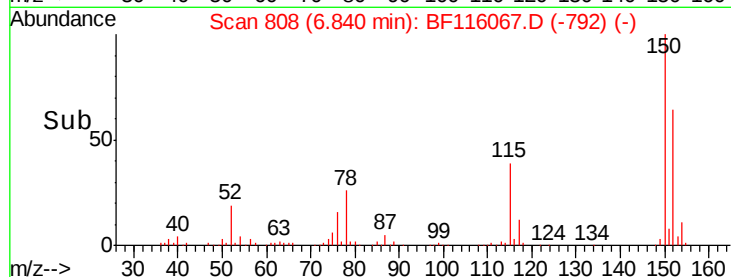
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116067.D
Acq: 8 Aug 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.5	49.9	74.9



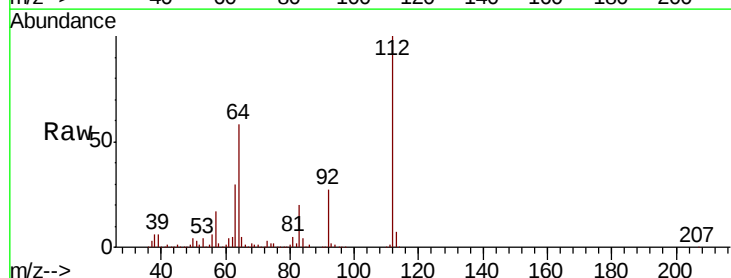
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



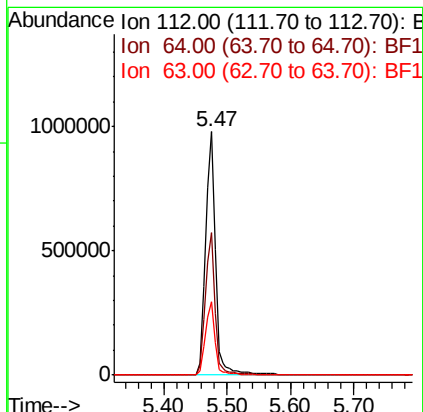
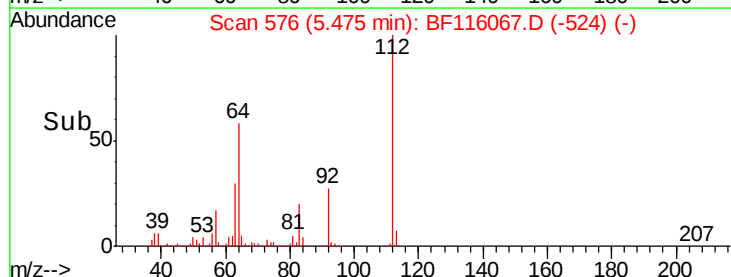
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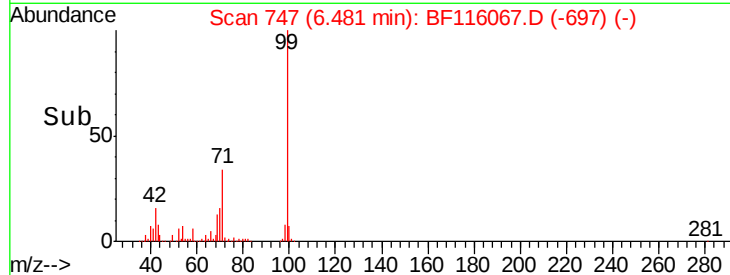
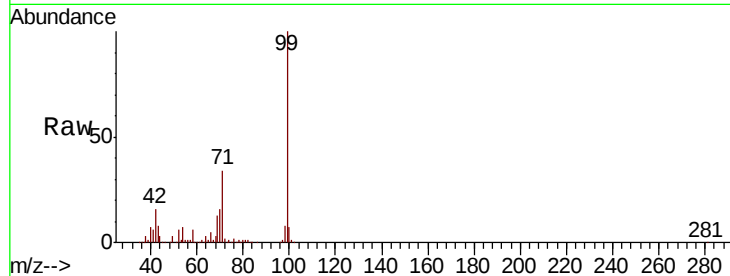
2-Fluorophenol
Concen: 119.290 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116067.D
Acq: 8 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	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: 123.705 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

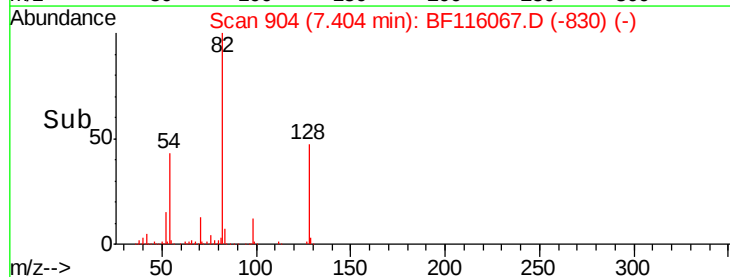
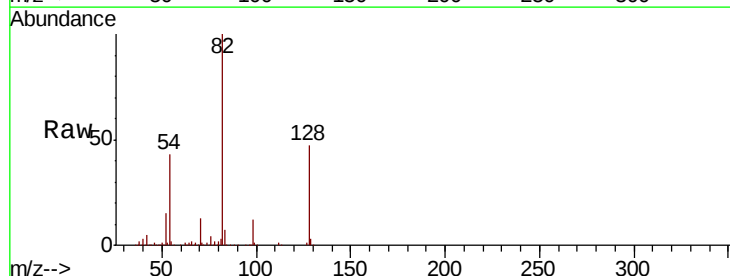
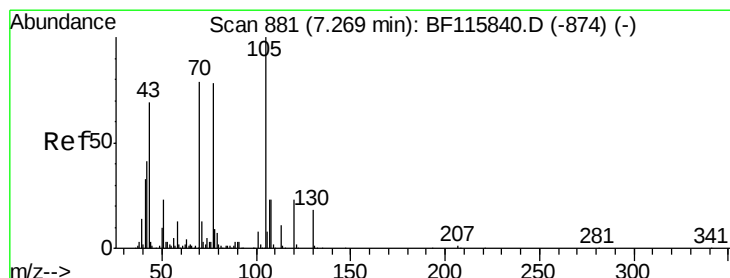
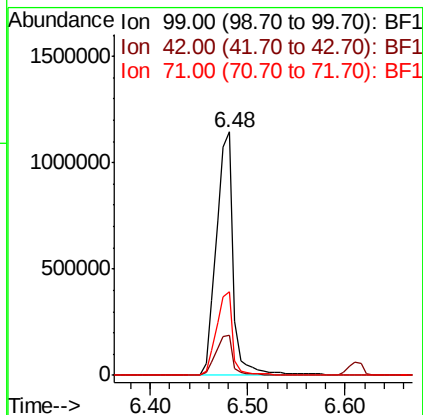
Tot Ion: 99 Resp: 1384951

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

71 34.1 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.308 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Tgt Ion: 70 Resp: 120078

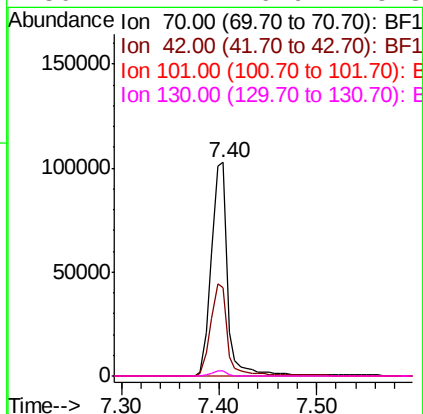
Ion Ratio Lower Upper

70 100

42 41.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 572959

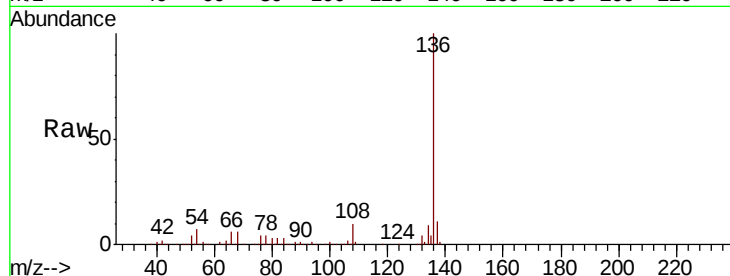
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

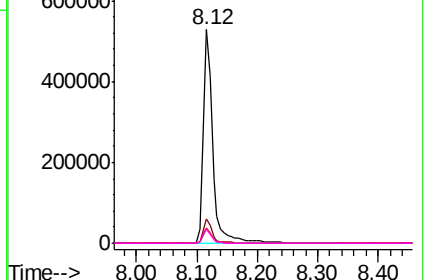
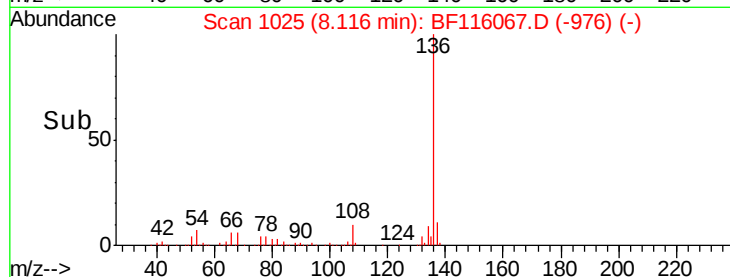


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.063 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

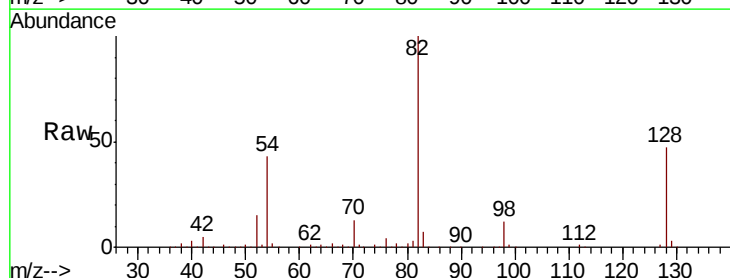
Tgt Ion: 82 Resp: 913812

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

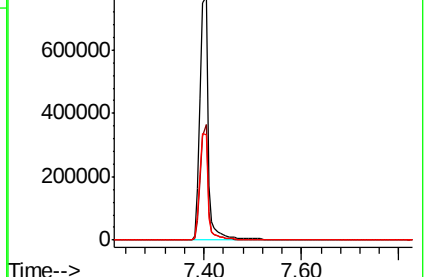
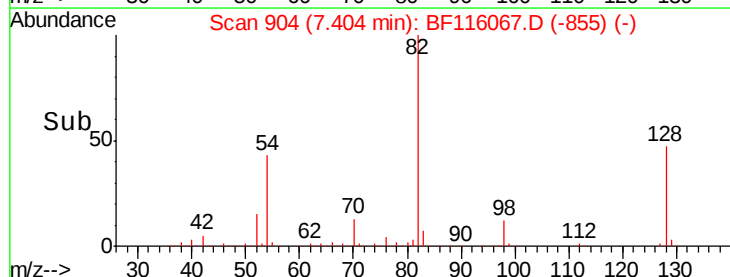
54 43.2 36.0 54.0

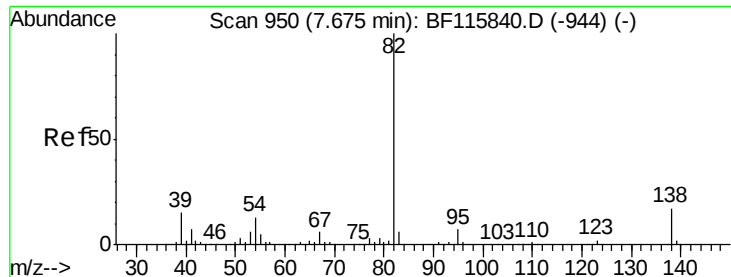


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.148 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116067.D

Acq: 8 Aug 2019 14:23

Instrument :

BNA_F

ClientSampleId :

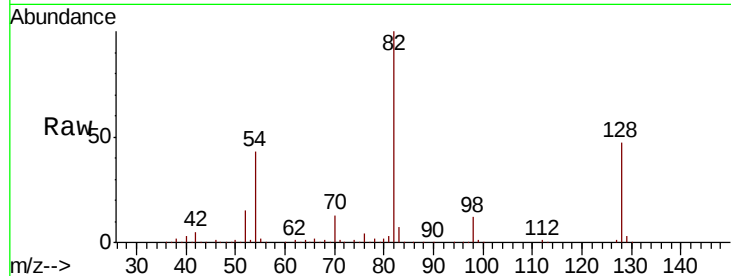
Tot Ion: 82 Resp: 913858

Ion Ratio Lower Upper

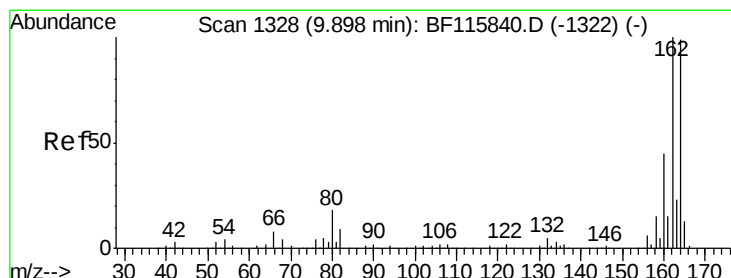
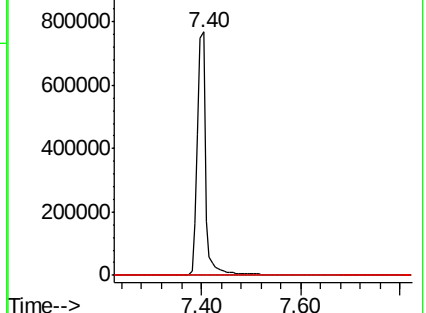
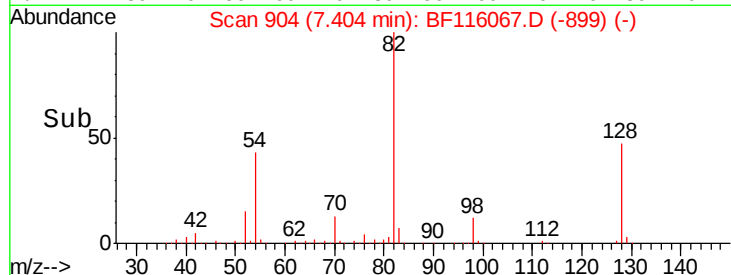
82 100

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: BF116067.D

Acq: 8 Aug 2019 14:23

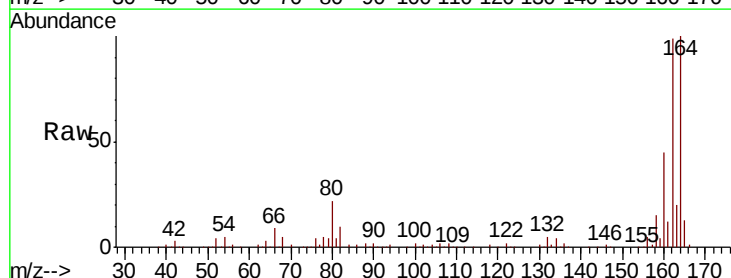
Tgt Ion: 164 Resp: 307888

Ion Ratio Lower Upper

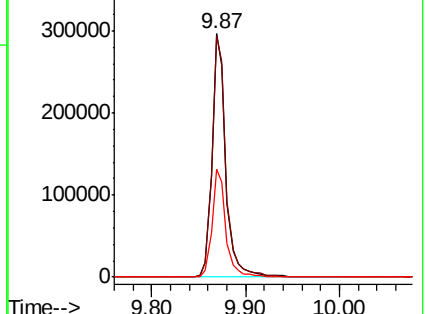
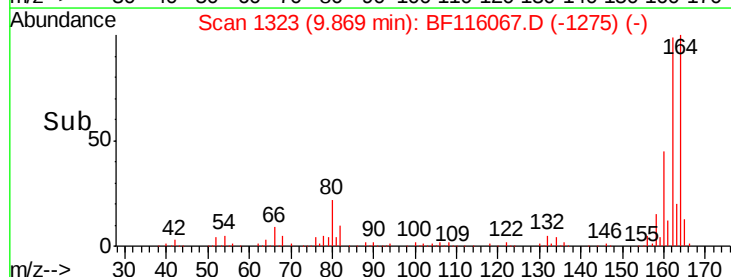
164 100

162 98.9 82.6 124.0

160 44.5 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

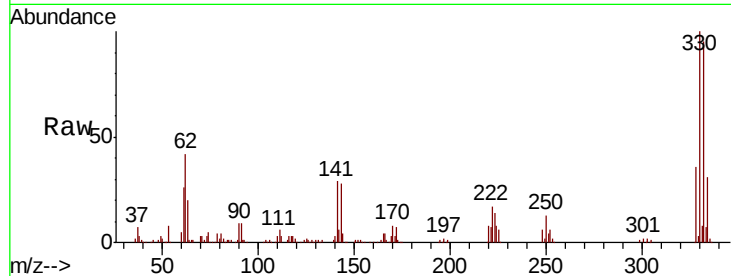




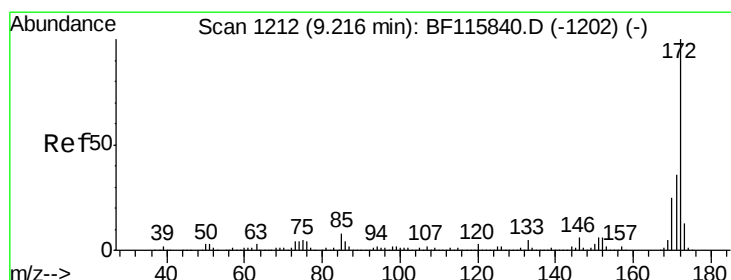
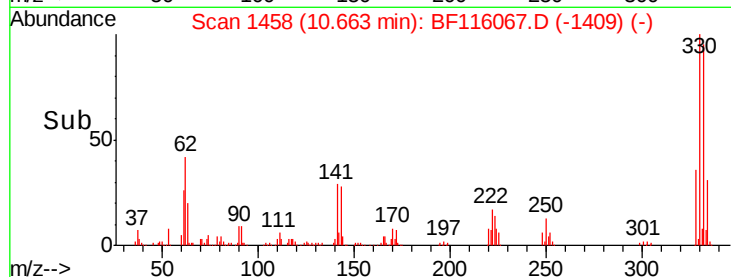
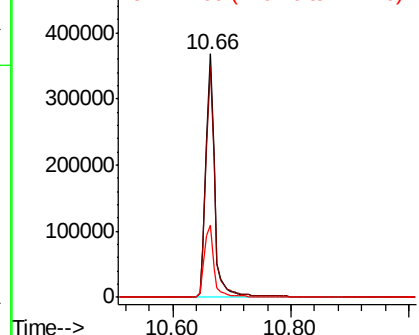
#42
 2,4,6-Tribromophenol
 Concen: 127.941 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	31.9	26.3	39.5

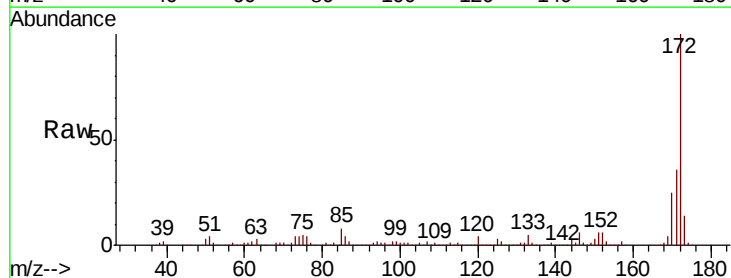


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

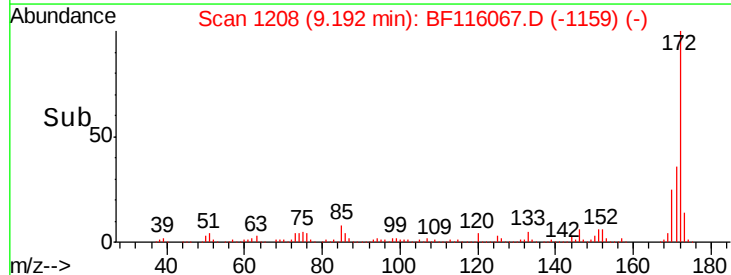
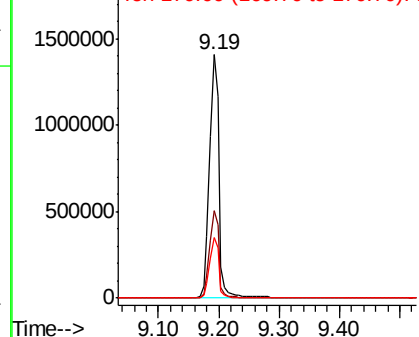


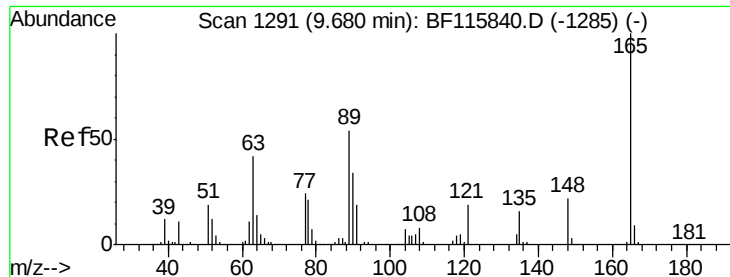
#45
 2-Fluorobiphenyl
 Concen: 94.058 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

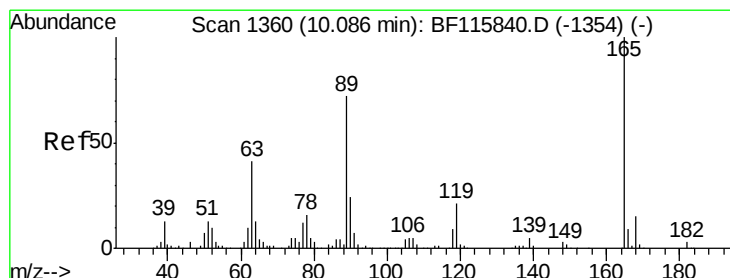
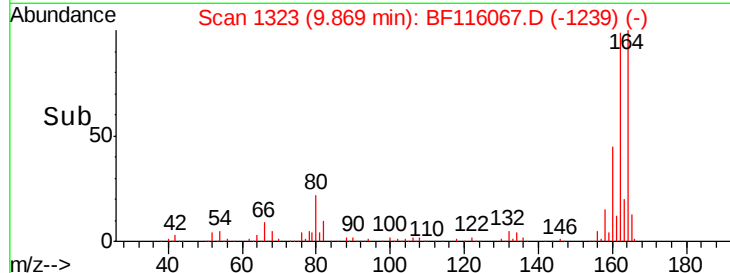
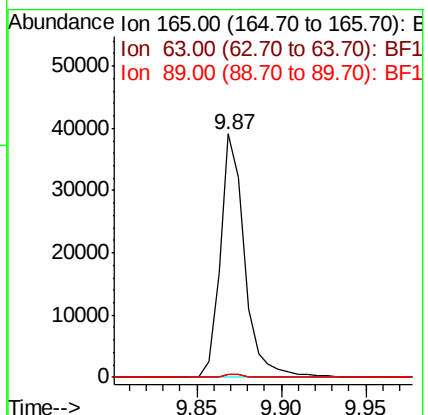
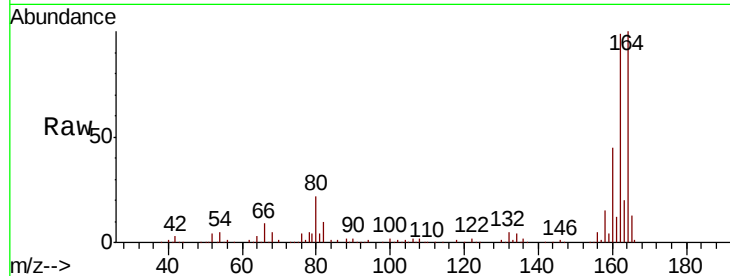




#51
 2,6-Dinitrotoluene
 Concen: 8.615 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

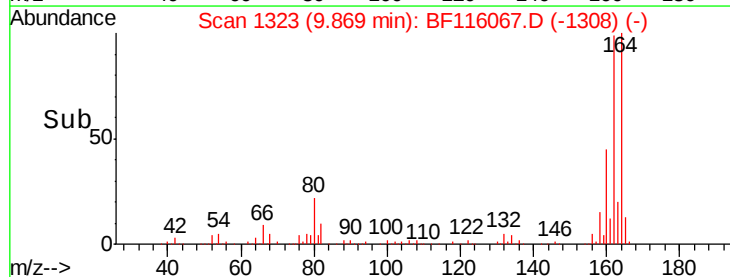
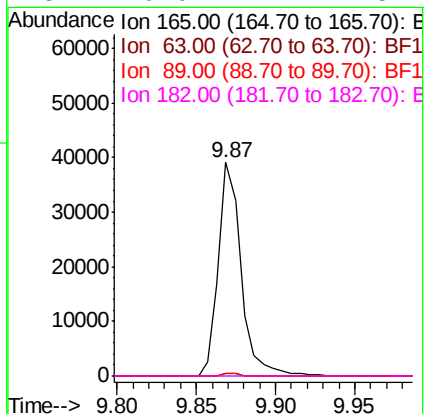
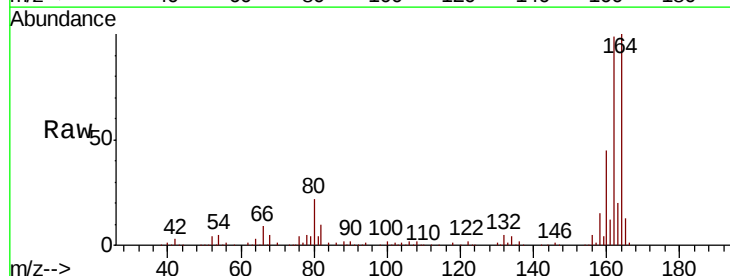
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.1	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.471 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#

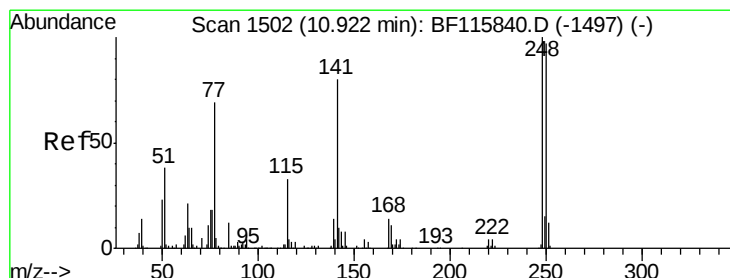
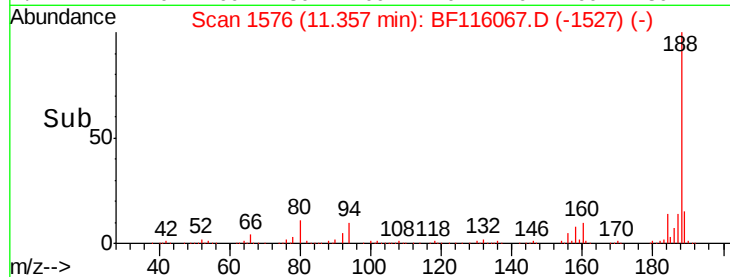
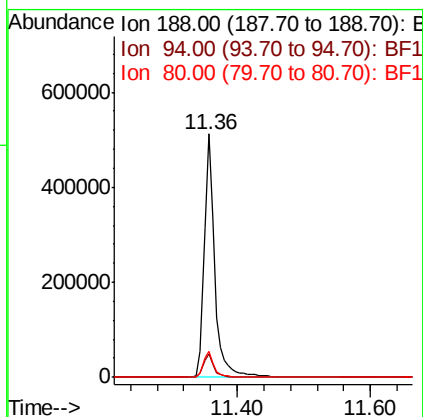
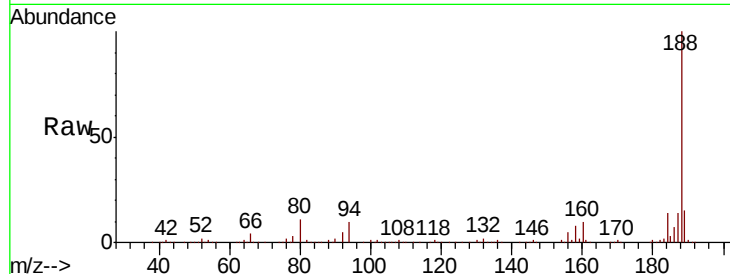




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

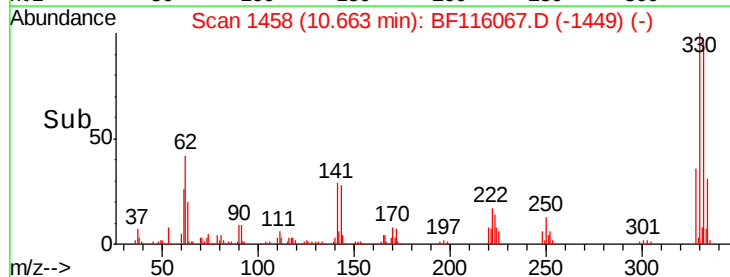
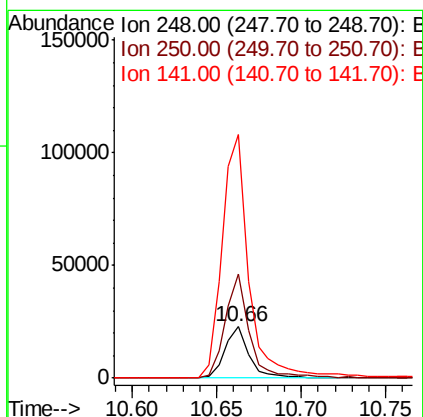
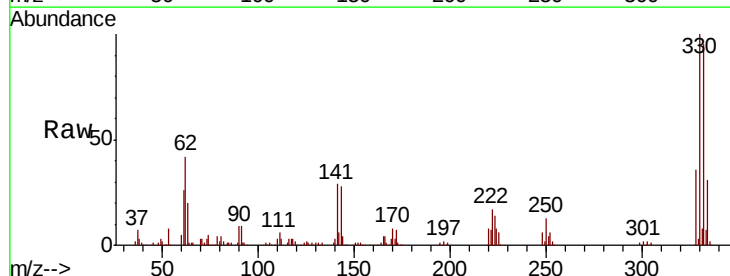
Instrument :
 BNA_F
 ClientSampleId :

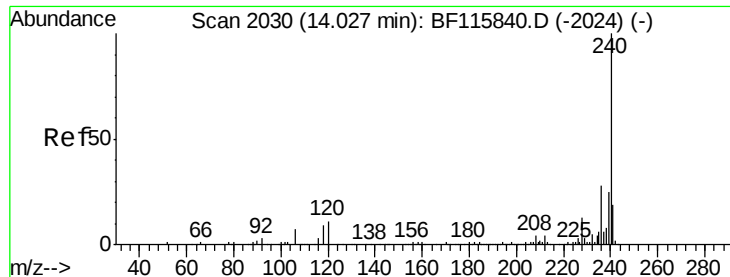
Tot Ion:188 Resp: 551419
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.7 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.872 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Tgt Ion:248 Resp: 22858
 Ion Ratio Lower Upper
 248 100
 250 202.7 77.4 116.2#
 141 474.3 56.8 85.2#

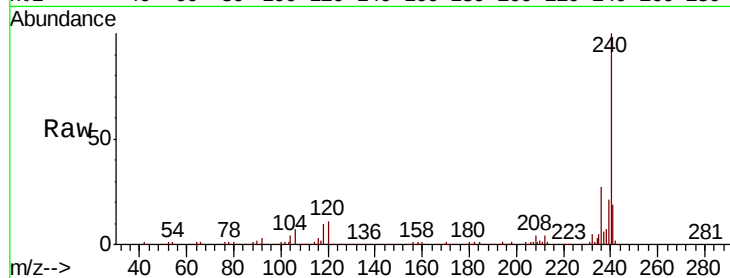




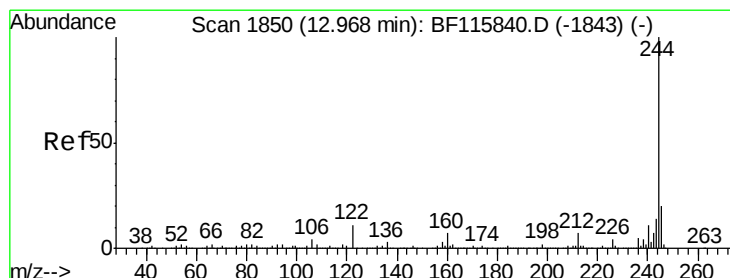
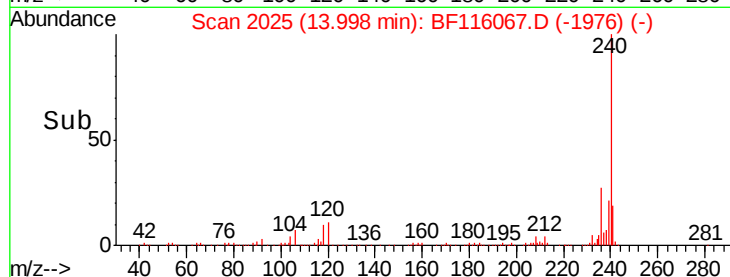
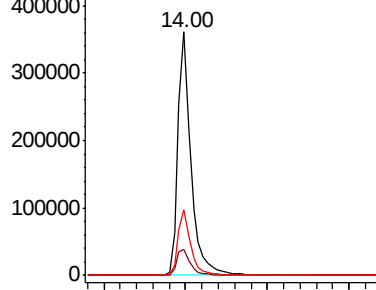
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116067.D
Acq: 8 Aug 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 399301
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 26.9 22.2 33.2

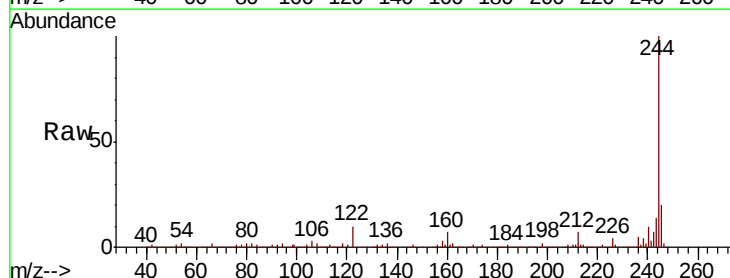


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

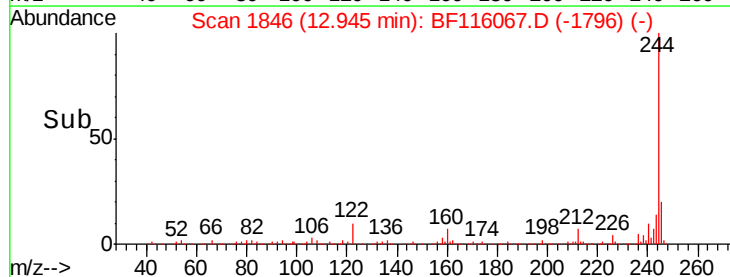
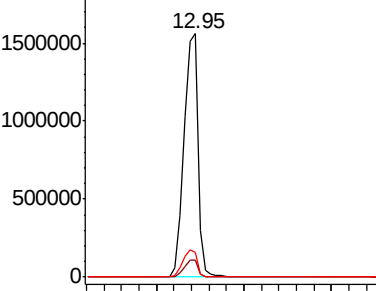


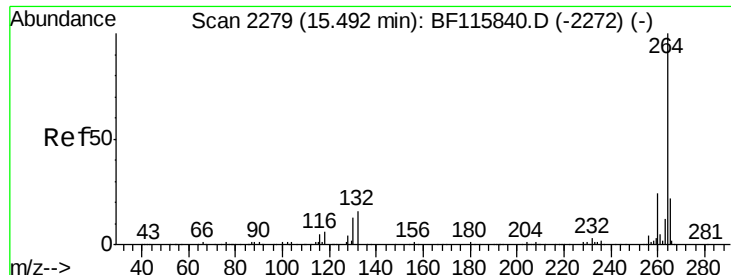
#79
Terphenyl-d14
Concen: 92.537 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116067.D
Acq: 8 Aug 2019 14:23

Tgt Ion:244 Resp: 1753540
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.1 9.0 13.4



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116067.D
 Acq: 8 Aug 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.4	26.0

