

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116766.D
 Acq On : 3 Sep 2019 12:24
 Operator : HP/JU
 Sample : PB122720BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 03 13:31:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

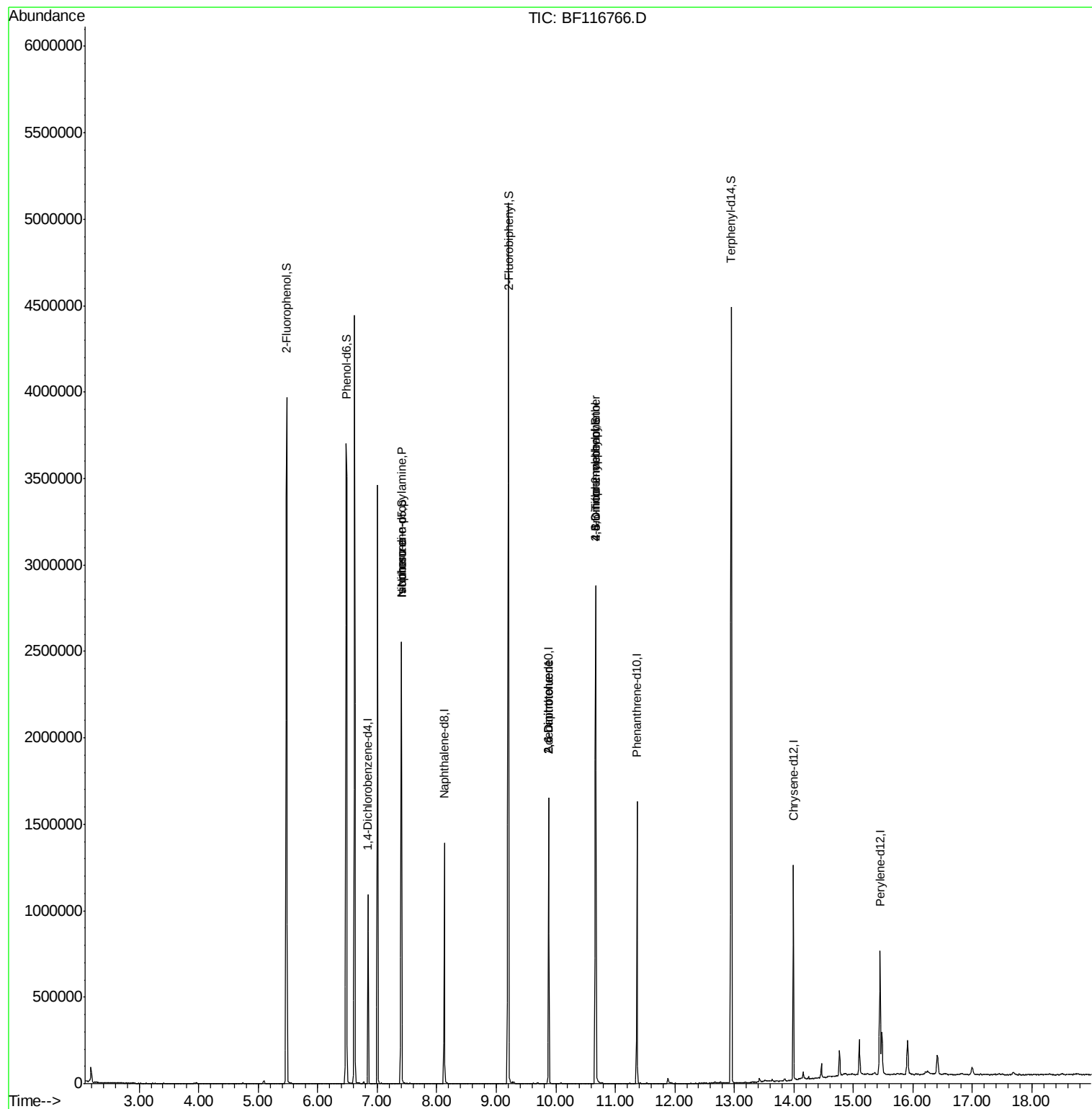
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	159350	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	623402	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	320443	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	525849	20.00	ng	0.00
76) Chrysene-d12	13.99	240	358679	20.00	ng	0.00
87) Perylene-d12	15.44	264	309287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1225048	124.55	ng	0.02
7) Phenol-d6	6.48	99	1652349	127.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	1026196	93.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	321260	149.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1711137	90.08	ng	0.00
79) Terphenyl-d14	12.95	244	1647549	84.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	137303	16.145	ng	# 71
25) Isophorone	7.41	82	1024158	46.283	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	41204	9.762	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	41204	7.983	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	695	7.754	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	20607	3.858	ng	# 1

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 03 13:31:06 2019
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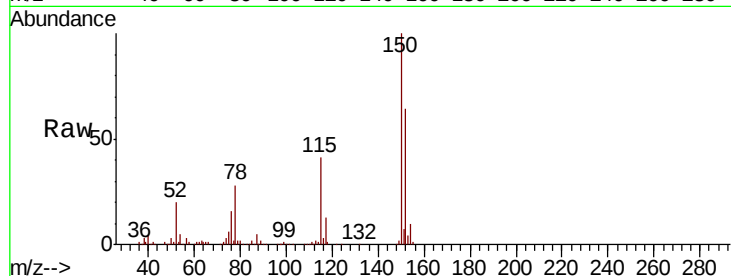


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	64.9	49.9	74.9

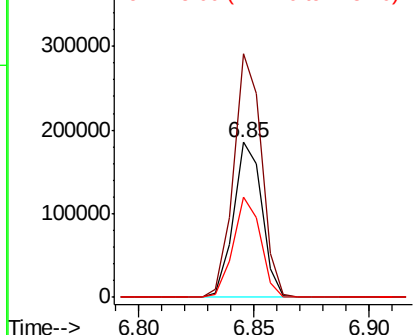
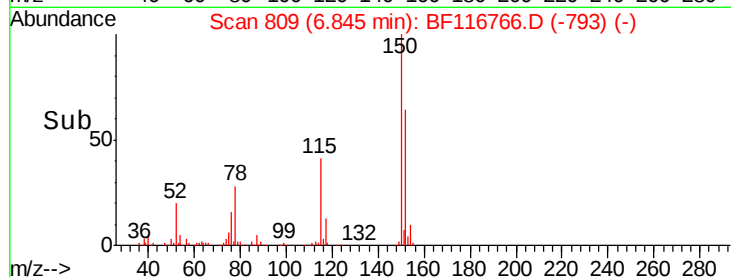


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

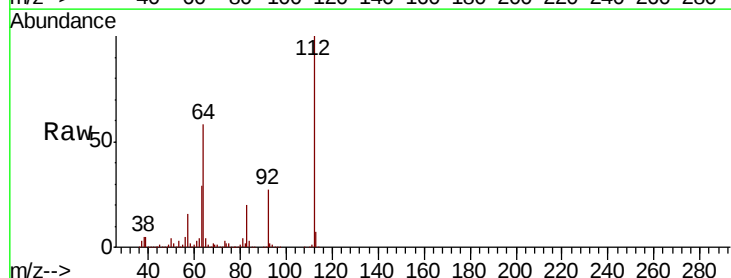
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.546 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	29.1	24.9	37.3

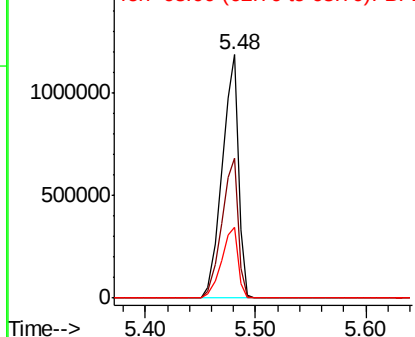
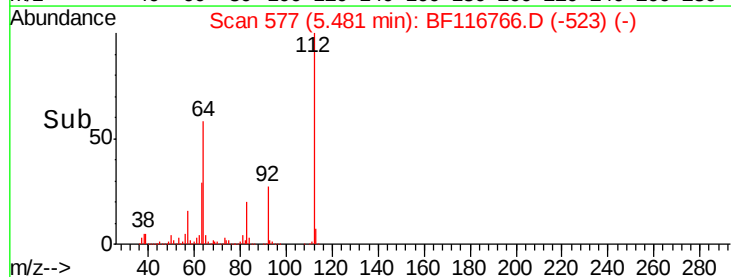


Abundance

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: 127.932 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

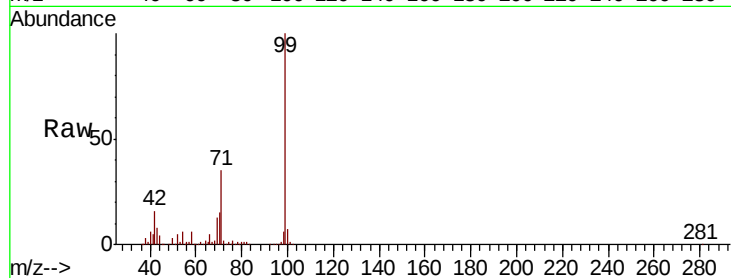
Tot Ion: 99 Resp: 1652349

Ion Ratio Lower Upper

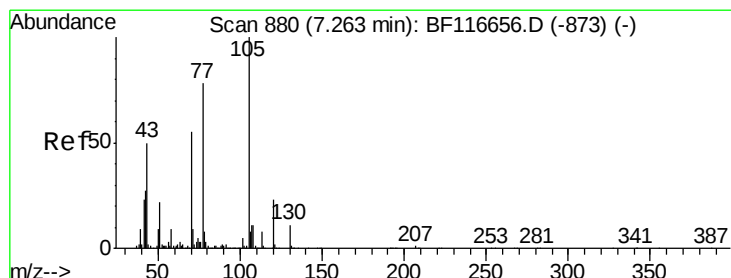
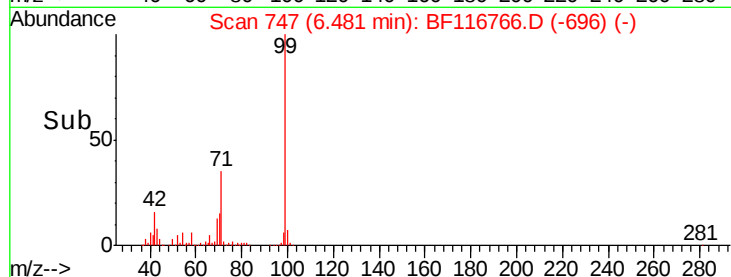
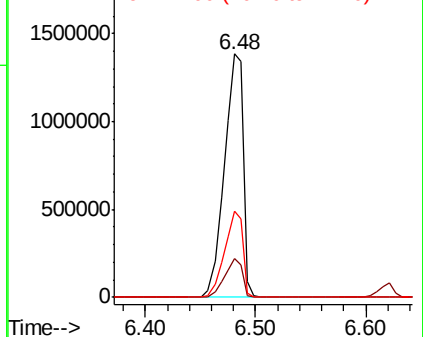
99 100

42 15.7 13.7 20.5

71 35.4 30.8 46.2



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: 16.145 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Tgt Ion: 70 Resp: 137303

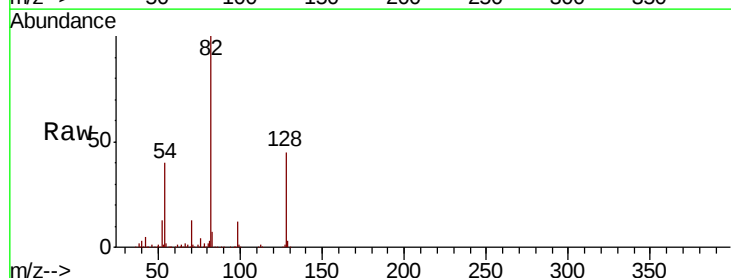
Ion Ratio Lower Upper

70 100

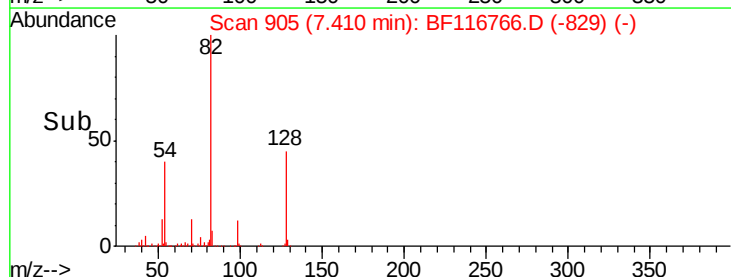
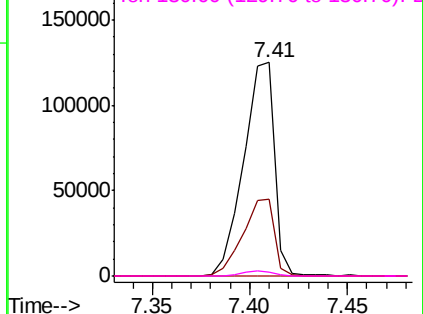
42 36.0 43.5 65.3#

101 0.0 7.8 11.6#

130 1.9 16.6 24.8#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623402

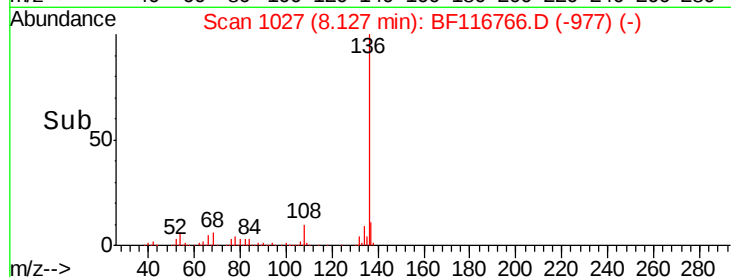
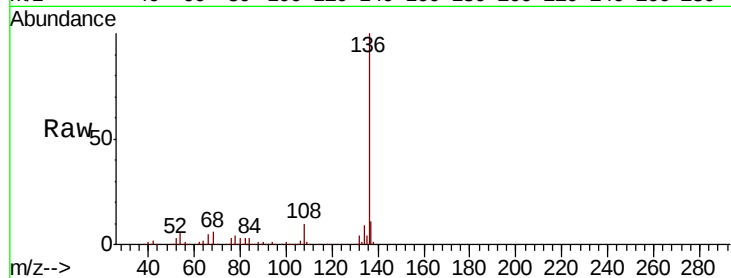
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 4.8 7.2

68 5.7 4.0 6.0

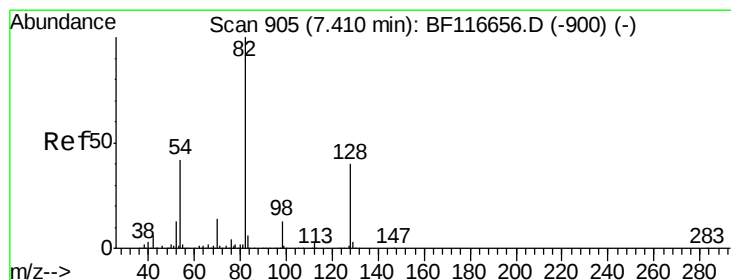
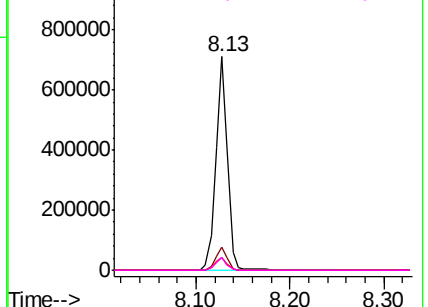


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.973 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

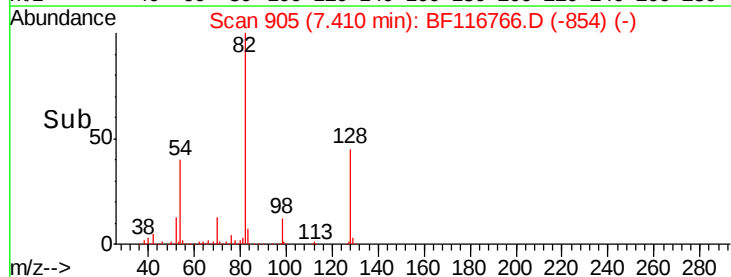
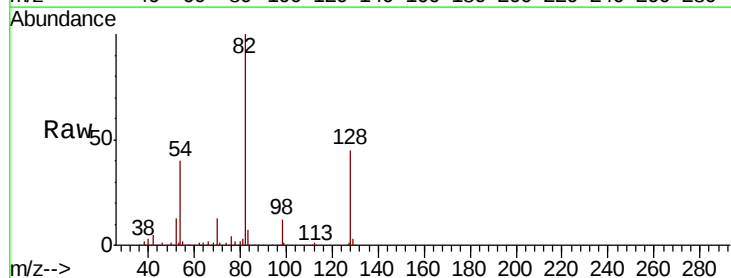
Tgt Ion: 82 Resp: 1026196

Ion Ratio Lower Upper

82 100

128 45.4 32.8 49.2

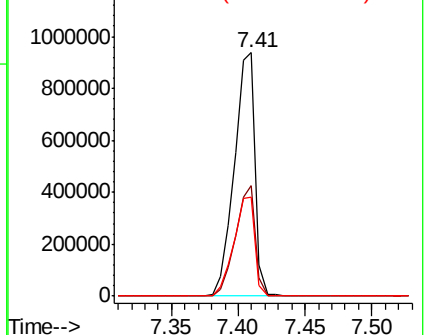
54 40.5 36.9 55.3



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: 46.283 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

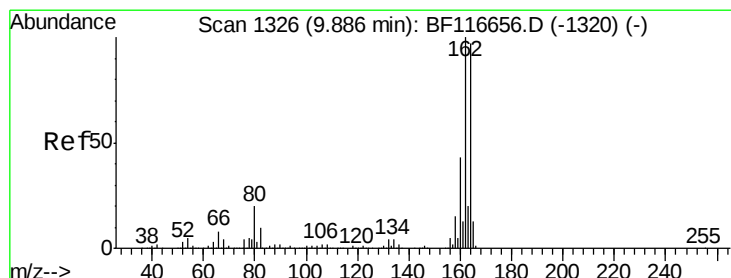
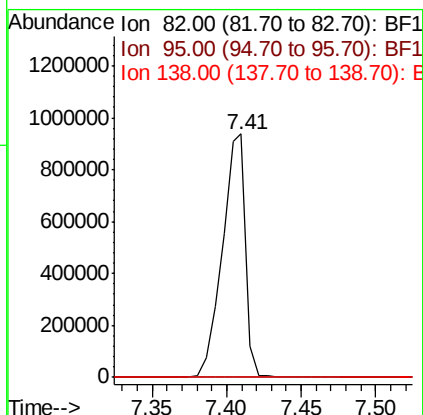
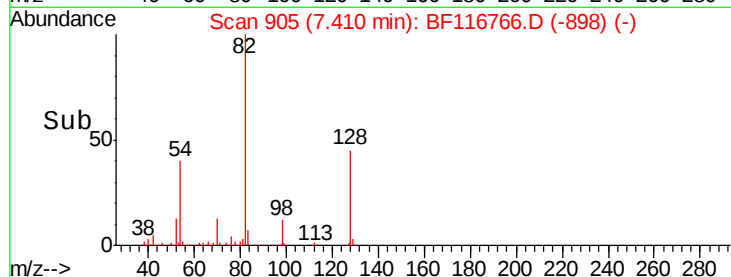
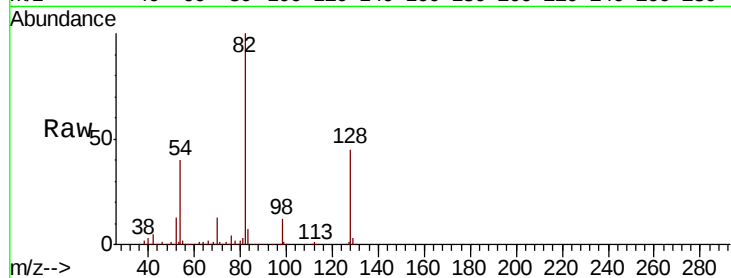
Tot Ion: 82 Resp: 1024158

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116766.D

Acq: 3 Sep 2019 12:24

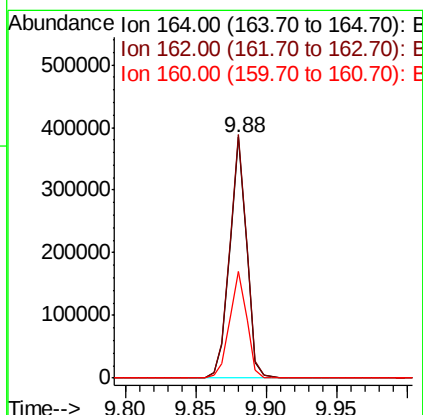
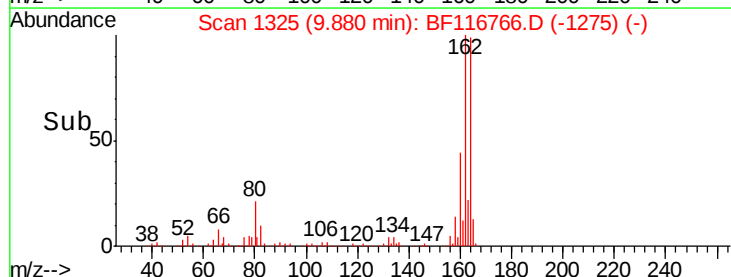
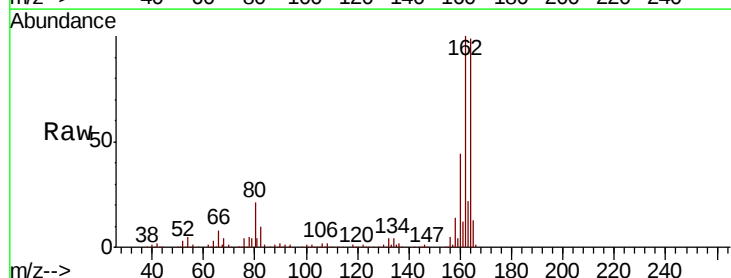
Tgt Ion:164 Resp: 320443

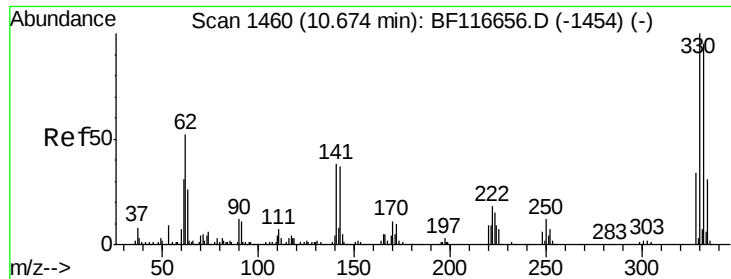
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 44.5 35.4 53.2

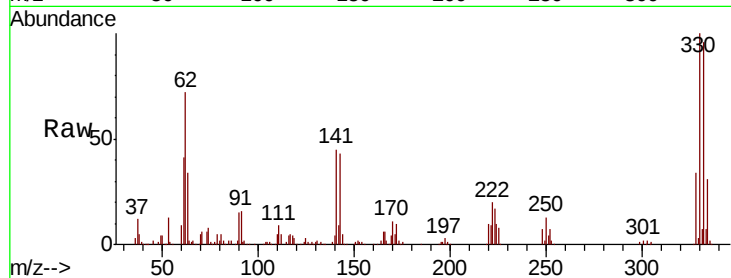




#42
 2,4,6-Tribromophenol
 Concen: 149.965 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	42.0	31.4	47.2

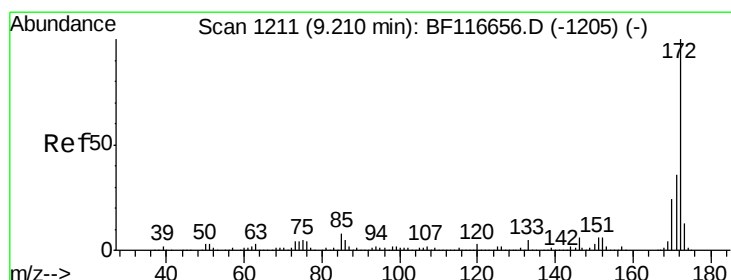
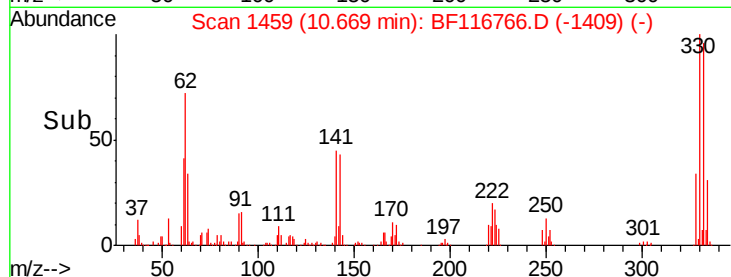
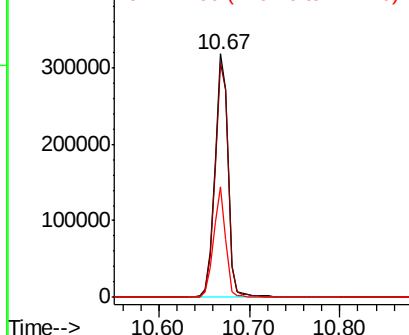


Abundance

Ion 329.80 (329.50 to 330.50): E

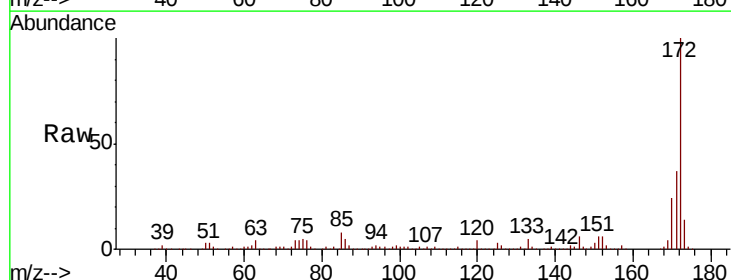
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.079 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.8	41.6
170	24.2	18.9	28.3

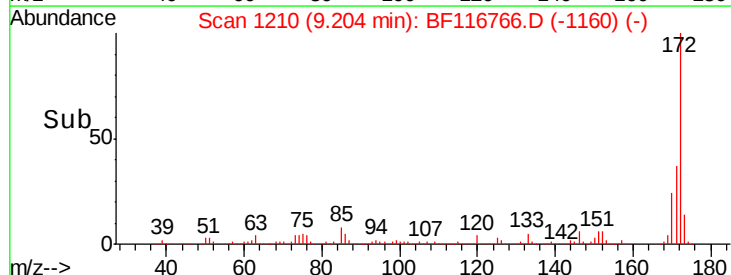
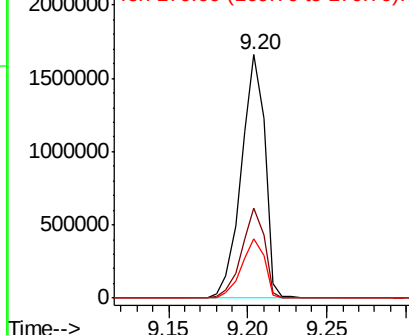


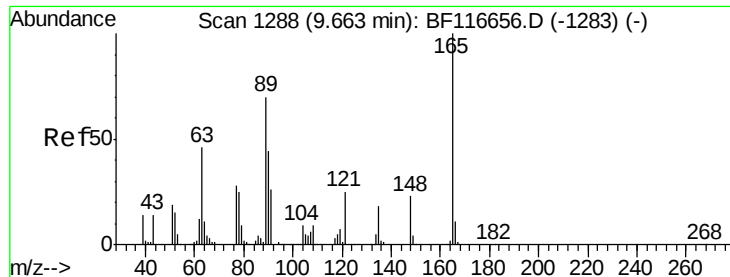
Abundance

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

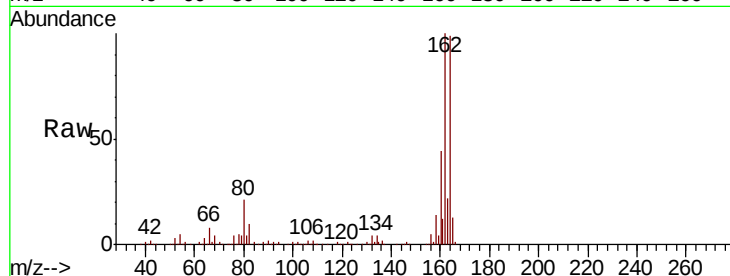




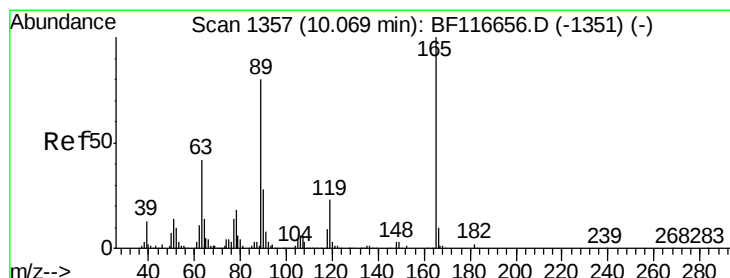
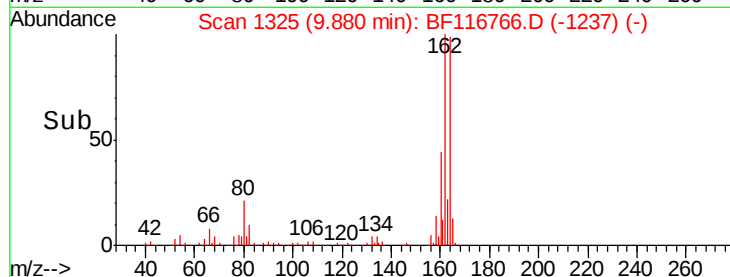
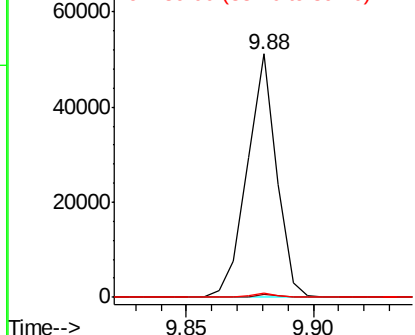
#51
 2,6-Dinitrotoluene
 Concen: 9.762 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 41204
 Ion Ratio Lower Upper
 165 100
 63 1.1 47.3 70.9#
 89 1.5 52.5 78.7#

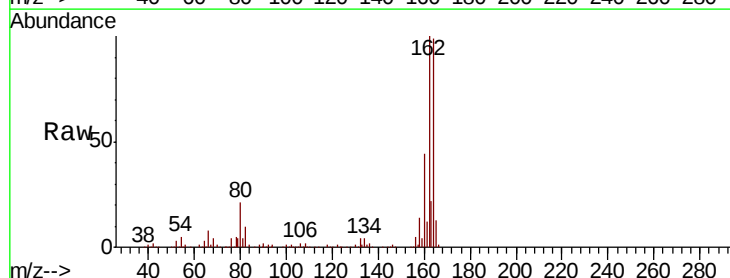


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

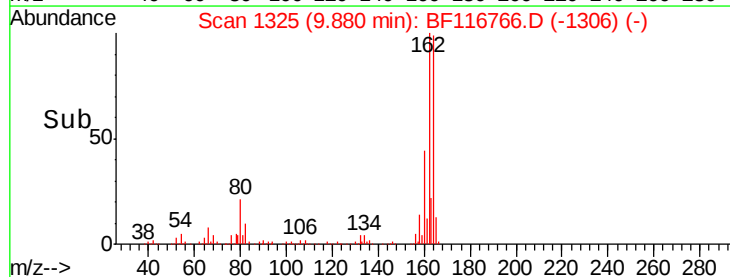
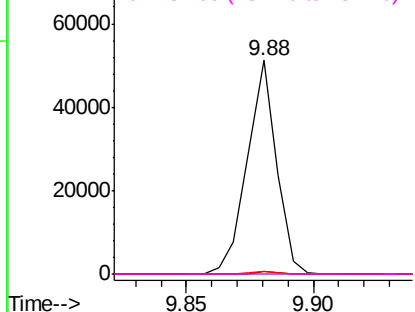


#57
 2,4-Dinitrotoluene
 Concen: 7.983 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion:165 Resp: 41204
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.5 62.6 94.0#
 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): BF1

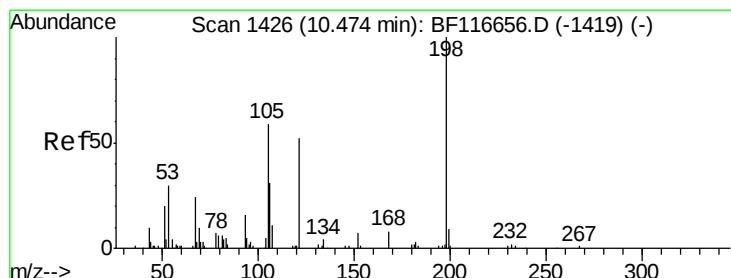
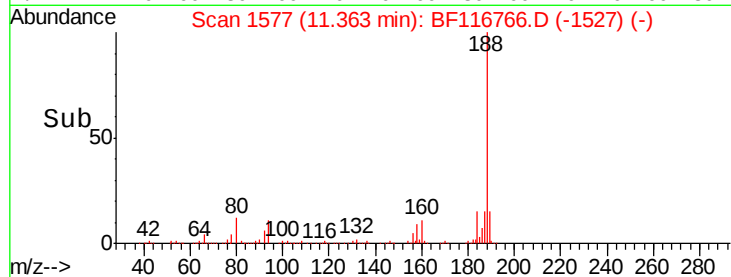
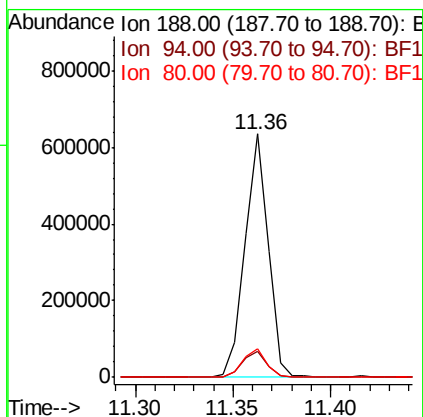
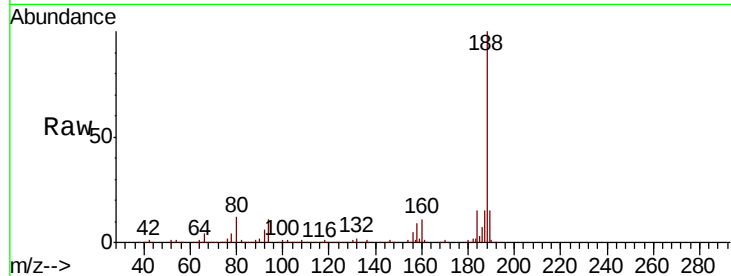




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

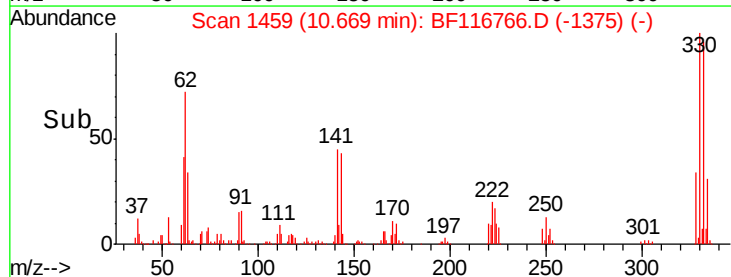
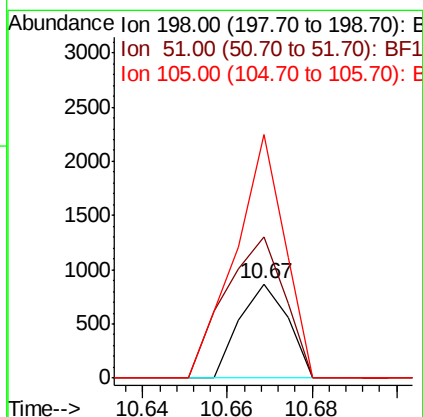
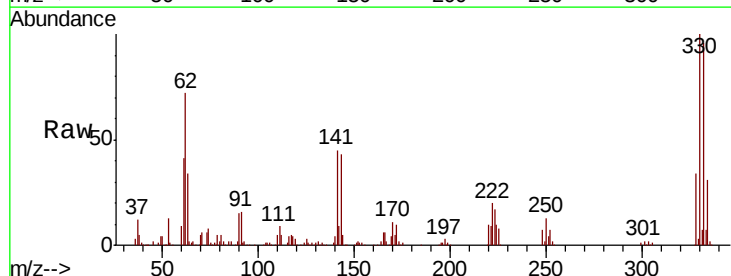
Instrument :
 BNA_F
 ClientSampleId :

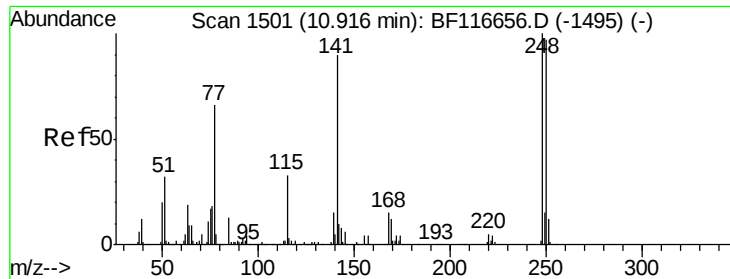
Tot Ion:188 Resp: 525849
 Ion Ratio Lower Upper
 188 100
 94 10.8 7.3 10.9
 80 11.6 8.4 12.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.754 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.19 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion:198 Resp: 695
 Ion Ratio Lower Upper
 198 100
 51 150.3 18.4 58.4#
 105 258.5 22.9 62.9#

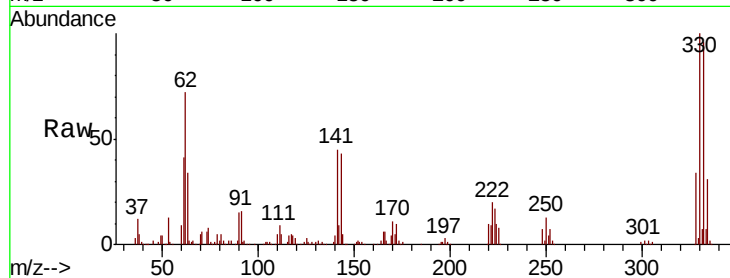




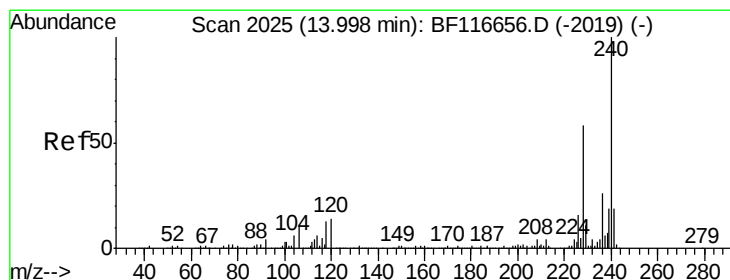
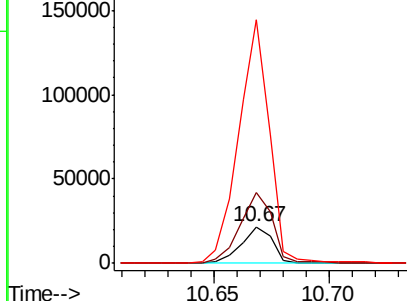
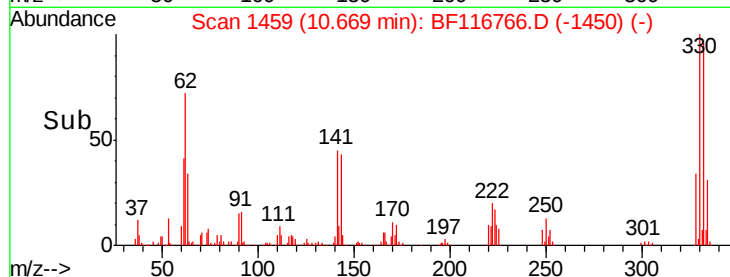
#67
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20607
Ion Ratio Lower Upper
248 100
250 195.0 77.8 116.8#
141 665.2 75.9 113.9#

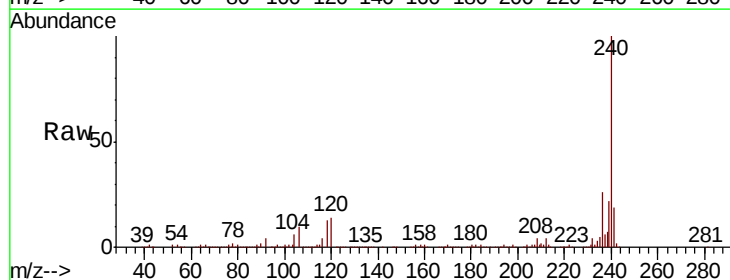


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

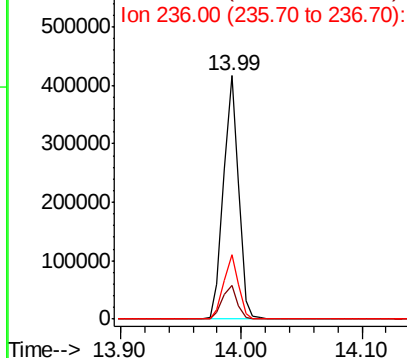
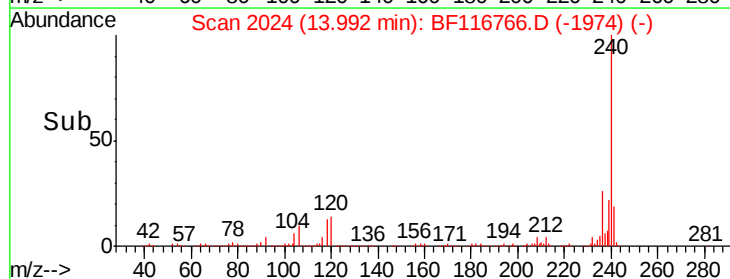


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116766.D
Acq: 3 Sep 2019 12:24

Tgt Ion:240 Resp: 358679
Ion Ratio Lower Upper
240 100
120 13.7 9.1 13.7#
236 26.3 21.1 31.7



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

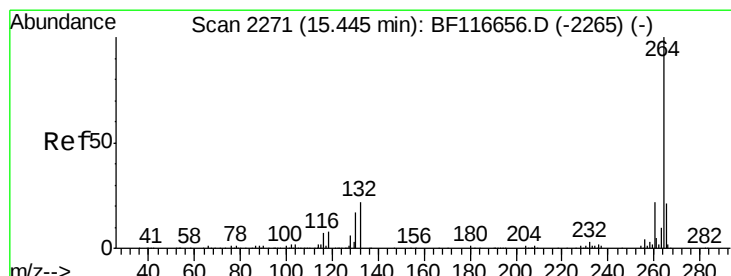
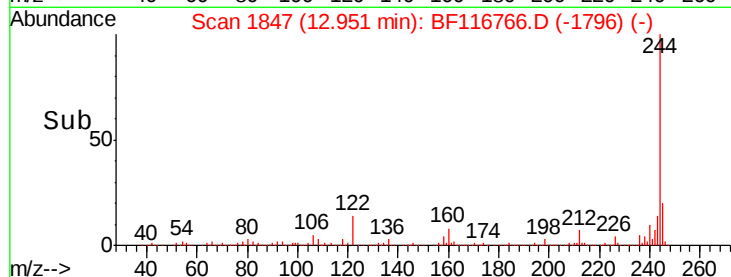
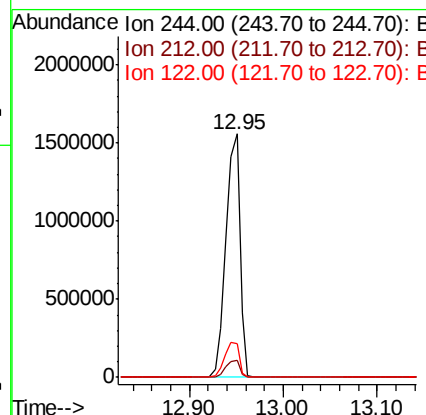
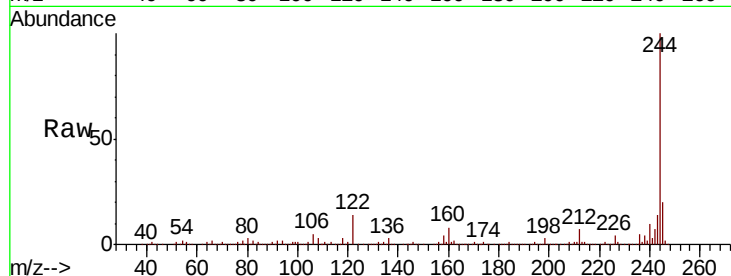




#79
 Terphenyl-d14
 Concen: 84.975 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1647549
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.9 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF116766.D
 Acq: 3 Sep 2019 12:24

Tgt Ion:264 Resp: 309287
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.3 16.5 24.7

