

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115864.D
 Acq On : 31 Jul 2019 14:25
 Operator : HP/JU
 Sample : PB121801BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BL

Quant Time: Aug 01 04:52:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

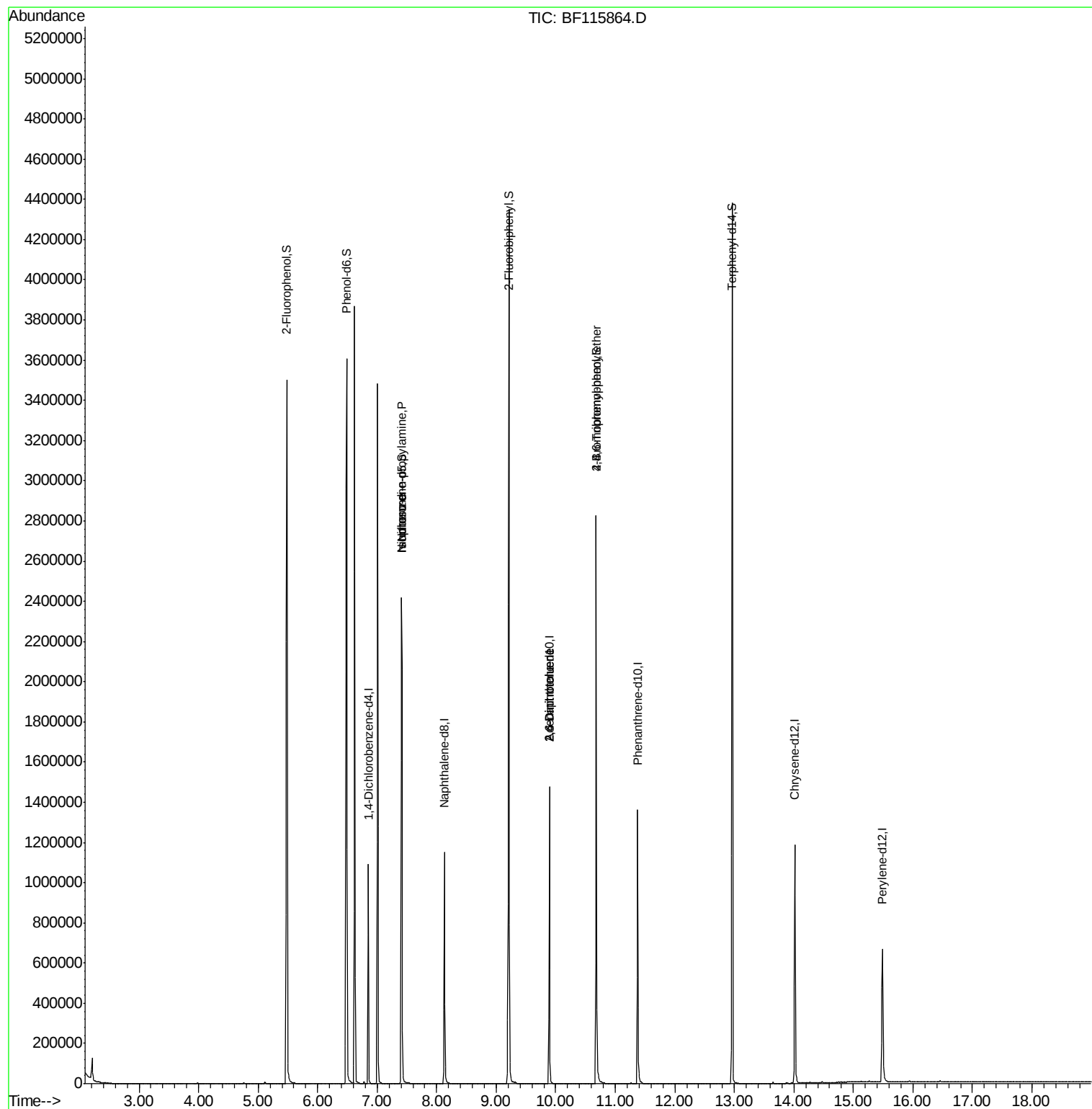
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153705	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573653	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	304647	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	542859	20.00	ng	0.00
76) Chrysene-d12	14.02	240	401994	20.00	ng	-0.01
87) Perylene-d12	15.49	264	370656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1126586	122.70	ng	0.01
7) Phenol-d6	6.49	99	1460261	126.06	ng	0.00
23) Nitrobenzene-d5	7.41	82	939579	94.54	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	375973	127.29	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1582122	97.27	ng	0.00
79) Terphenyl-d14	12.96	244	1742850	91.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	125817	17.527	ng	# 79
25) Isophorone	7.41	82	929686	48.923	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	39025	8.657	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	39025	6.502	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	23450	4.035	ng	# 1

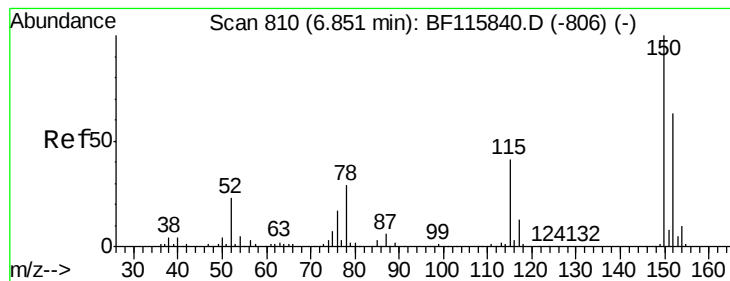
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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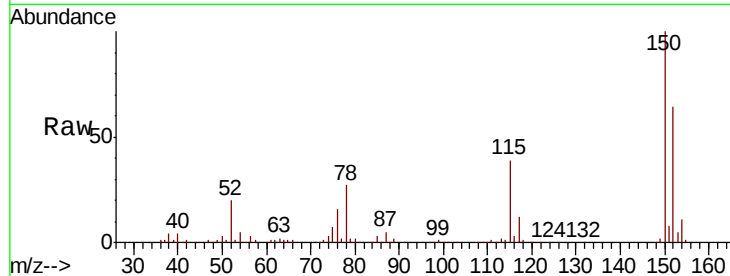


#1

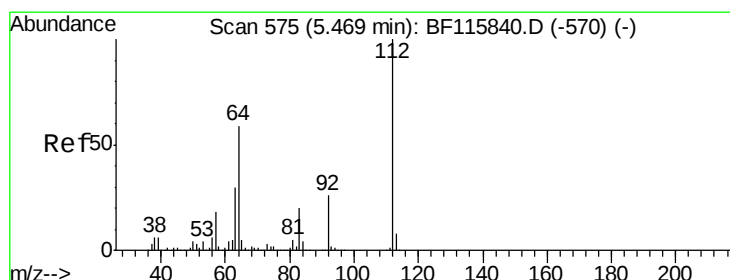
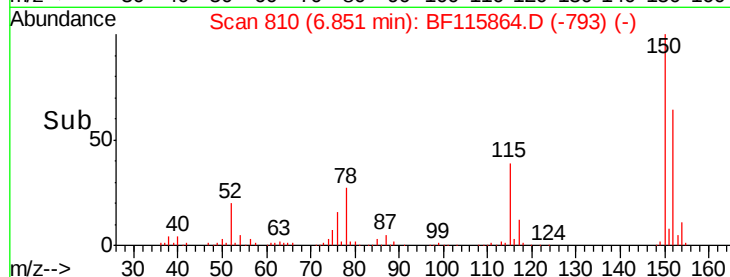
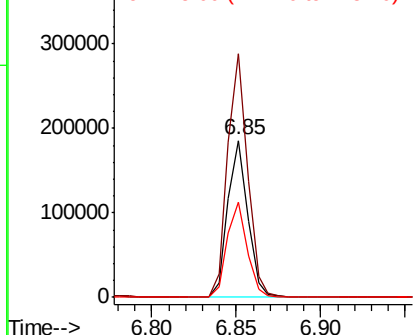
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB121801BL

Tgt Ion:152 Resp: 153705
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 60.7 51.8 77.8



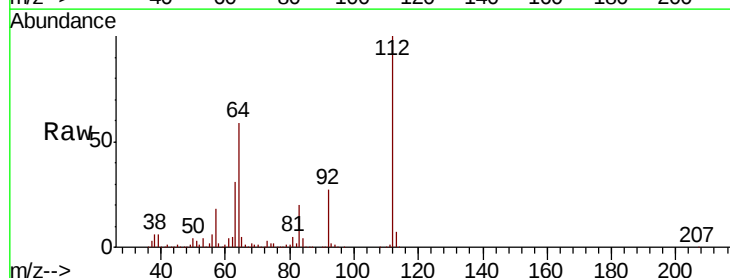
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



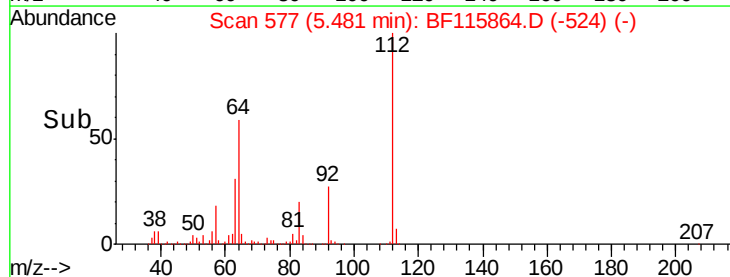
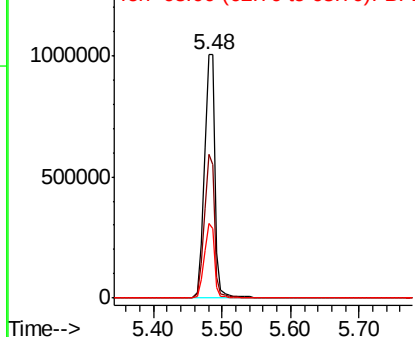
#5

2-Fluorophenol
Concen: 122.701 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Tgt Ion:112 Resp: 1126586
Ion Ratio Lower Upper
112 100
64 58.8 46.8 70.2
63 30.6 24.2 36.2



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: 126.057 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB121801BL

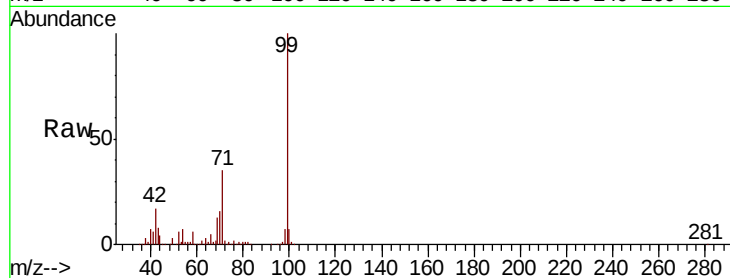
Tgt Ion: 99 Resp: 1460261

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

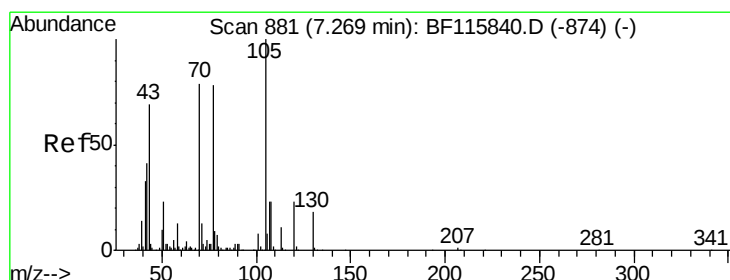
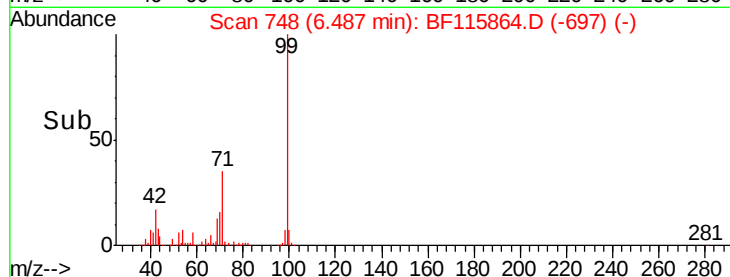
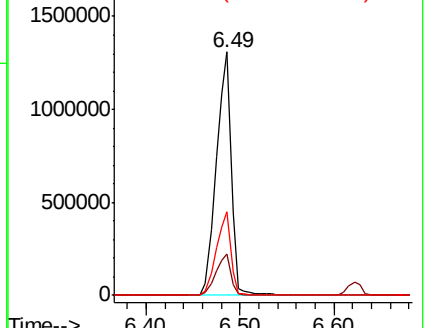
71 34.6 27.1 40.7



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: 17.527 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

Tgt Ion: 70 Resp: 125817

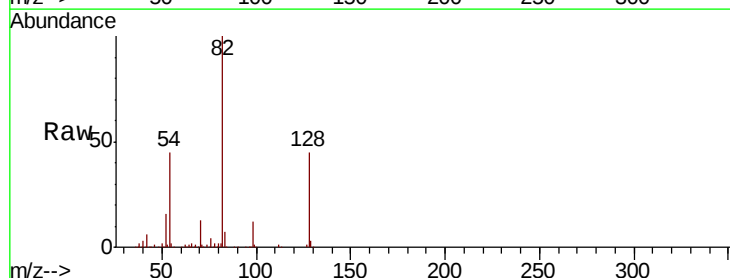
Ion Ratio Lower Upper

70 100

42 43.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

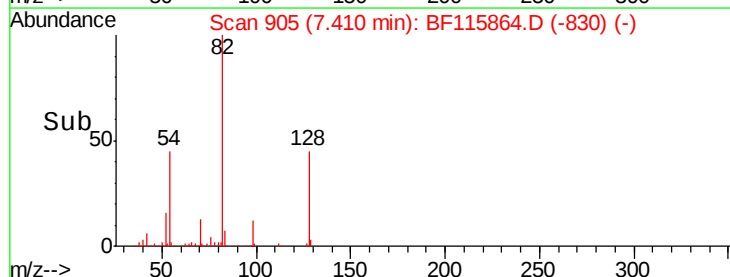
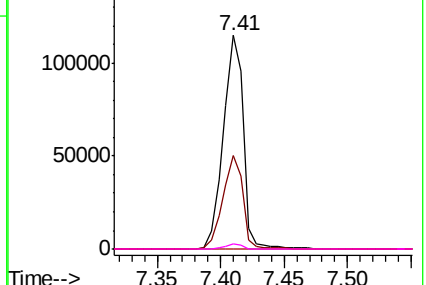


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

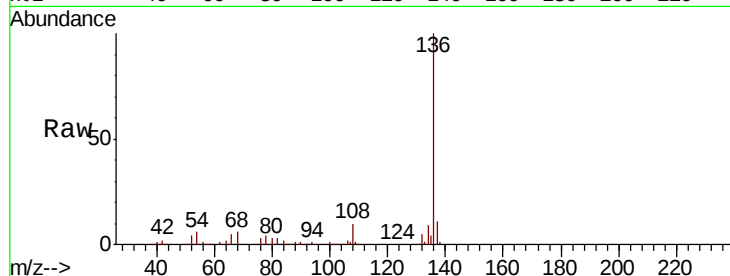




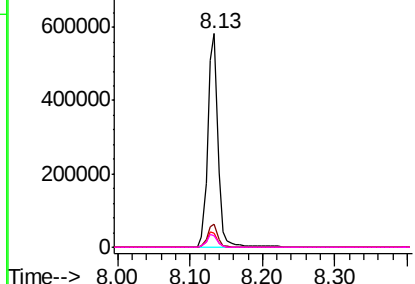
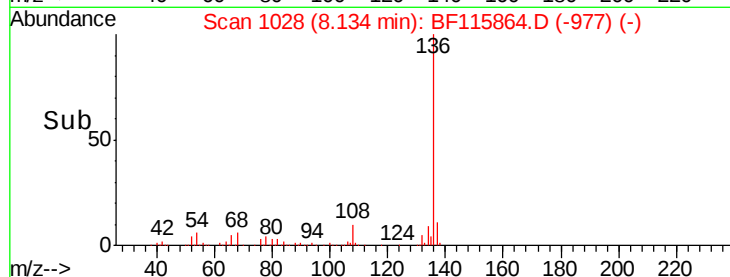
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB121801BL

Tgt Ion: 136 Resp: 573653
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.5 6.1 9.1
68 5.7 5.4 8.2

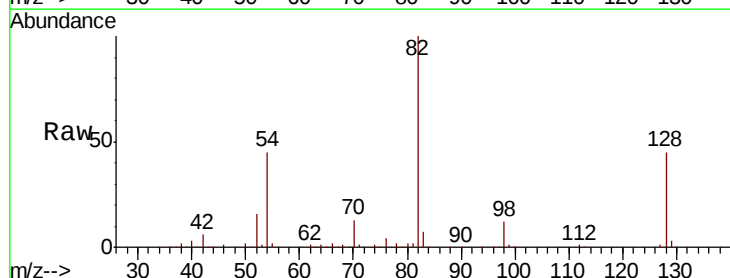


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

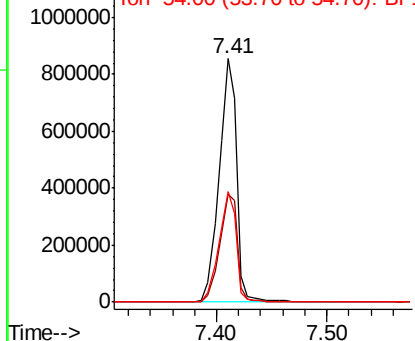
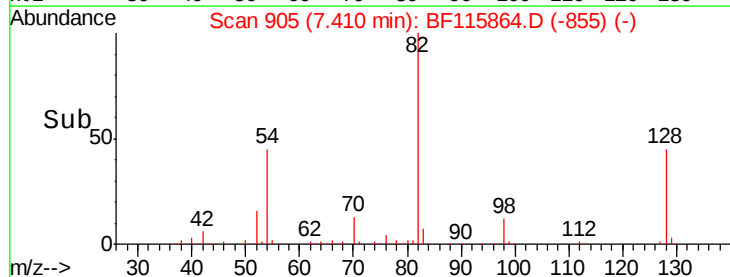


#23
Nitrobenzene-d5
Concen: 94.544 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Tgt Ion: 82 Resp: 939579
Ion Ratio Lower Upper
82 100
128 44.5 36.6 55.0
54 45.3 36.6 55.0



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: 48.923 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB121801BL

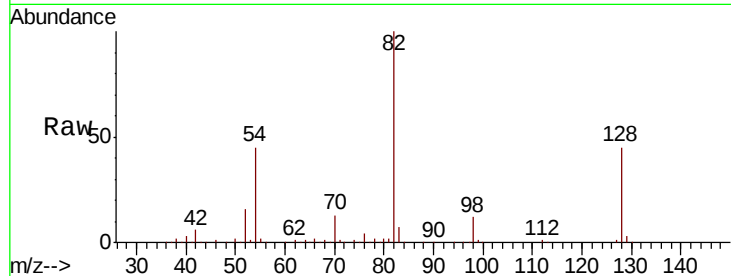
Tgt Ion: 82 Resp: 929686

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

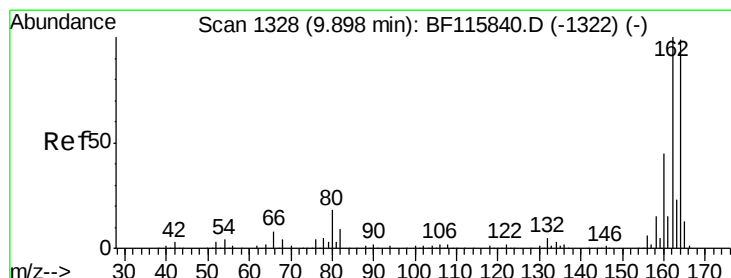
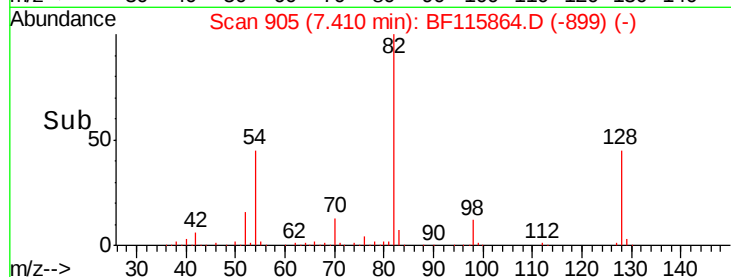
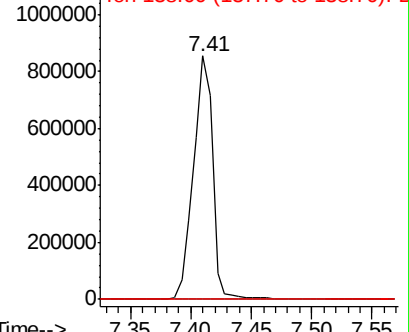
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

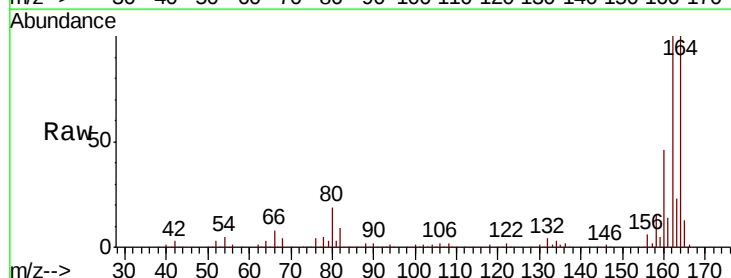
Tgt Ion: 164 Resp: 304647

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

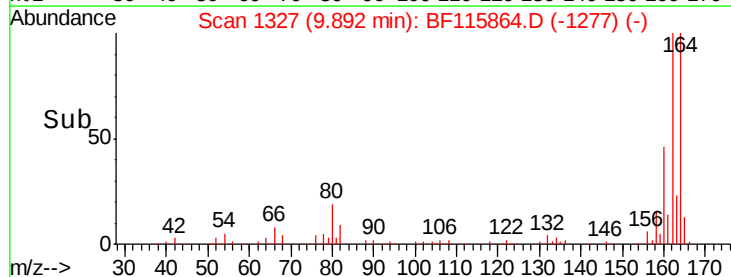
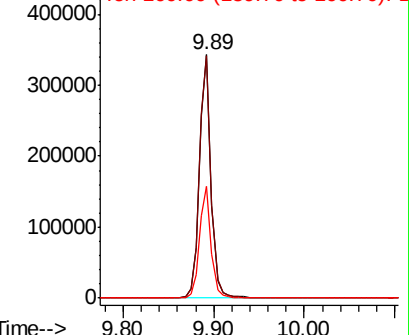
160 45.7 36.2 54.4



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: 127.292 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

Instrument :

BNA_F

ClientSampleID :

PB121801BL

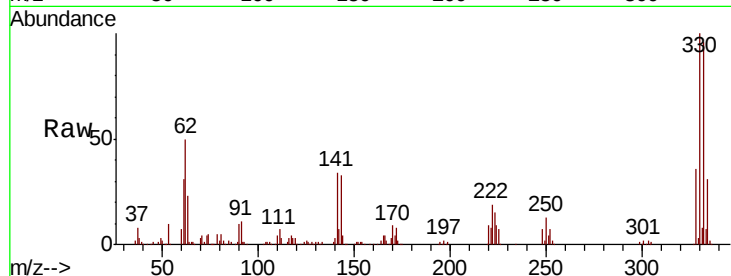
Tgt Ion:330 Resp: 375973

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 34.1 28.1 42.1

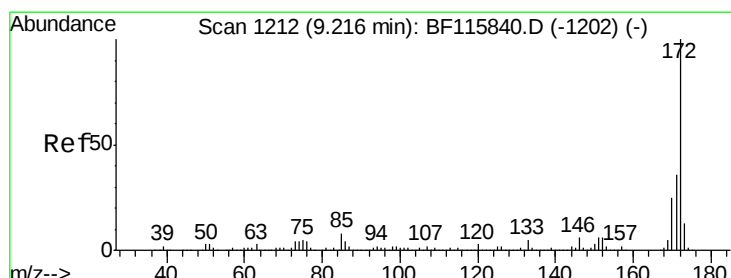
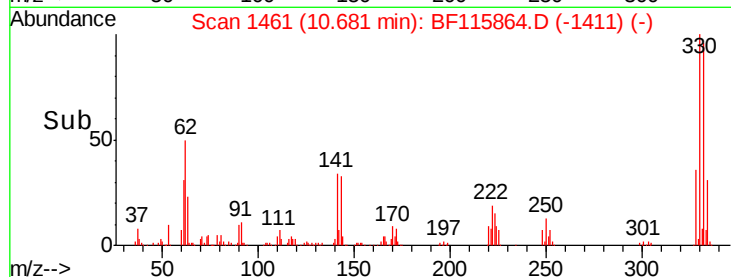
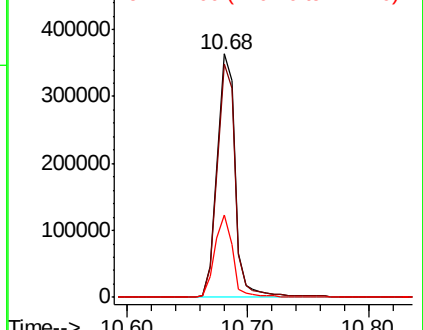


Abundance

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: 97.274 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115864.D

Acq: 31 Jul 2019 14:25

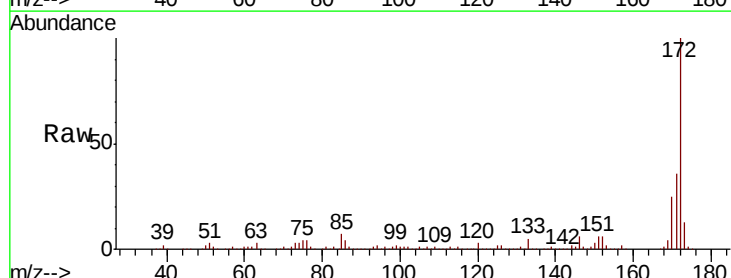
Tgt Ion:172 Resp: 1582122

Ion Ratio Lower Upper

172 100

171 36.5 29.1 43.7

170 25.1 20.1 30.1

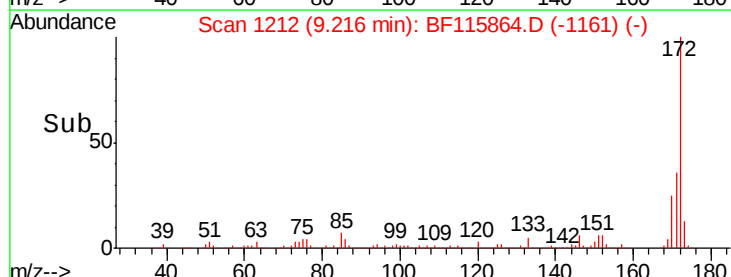
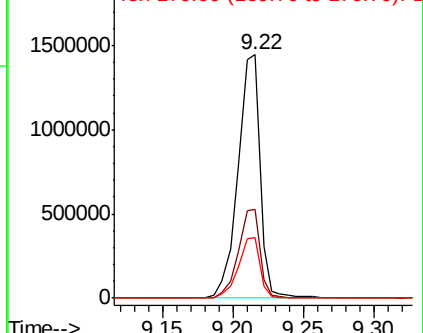


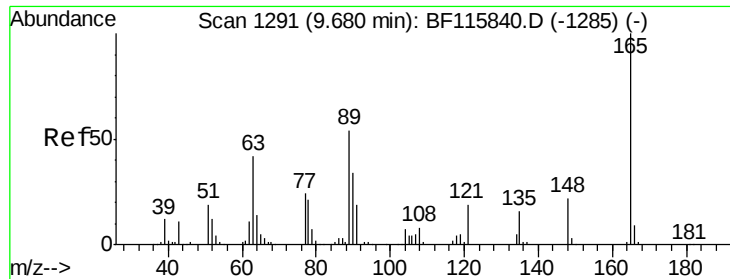
Abundance

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

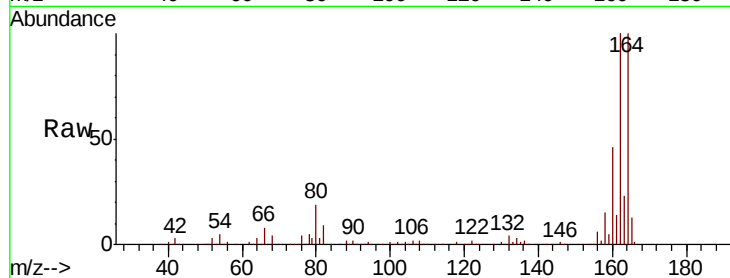




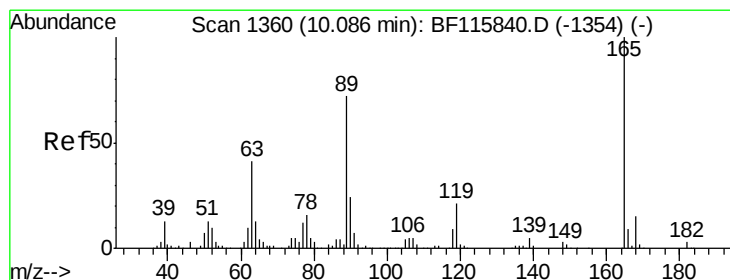
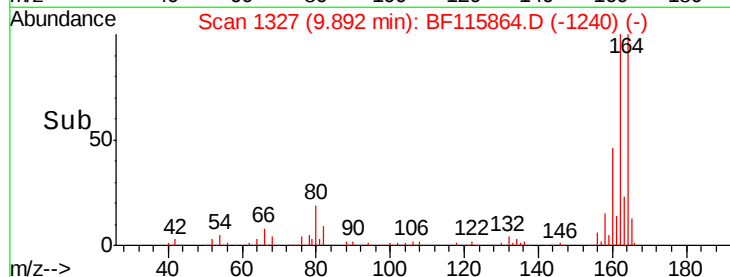
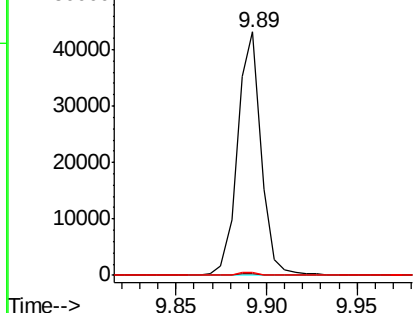
#51
 2,6-Dinitrotoluene
 Concen: 8.657 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115864.D
 Acq: 31 Jul 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.4	59.2#
89	1.3	43.0	64.6#



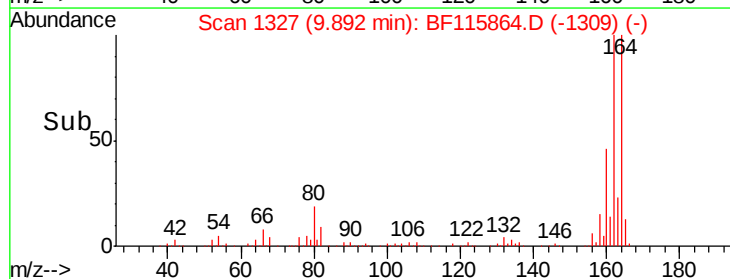
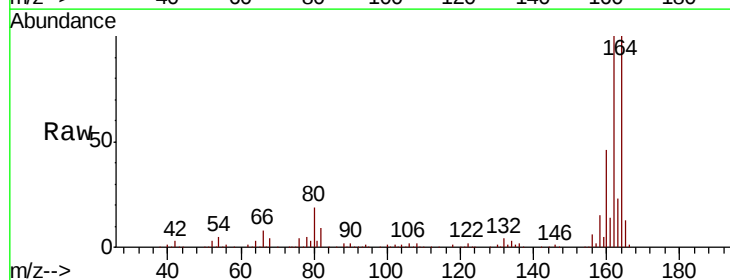
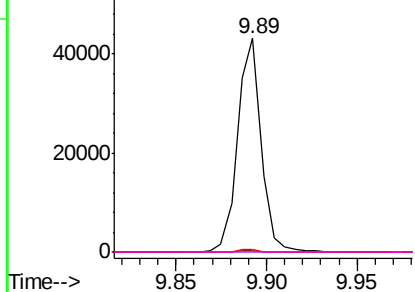
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.502 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115864.D
 Acq: 31 Jul 2019 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.2	49.8#
89	1.3	57.3	85.9#
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

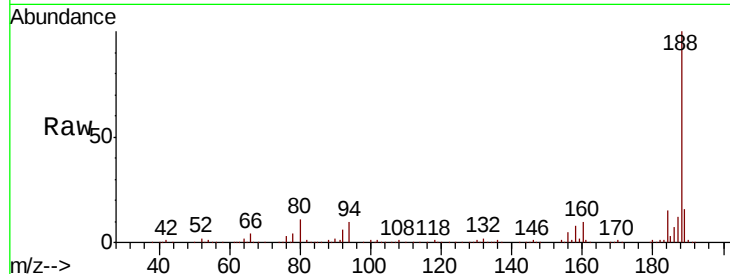




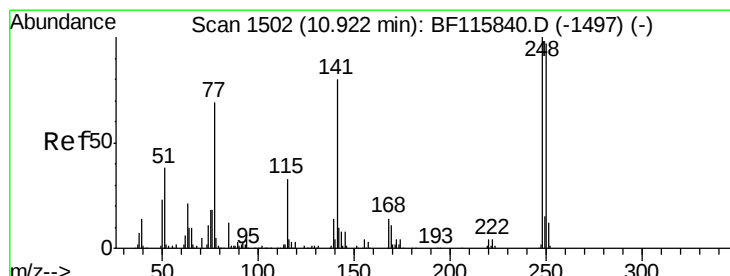
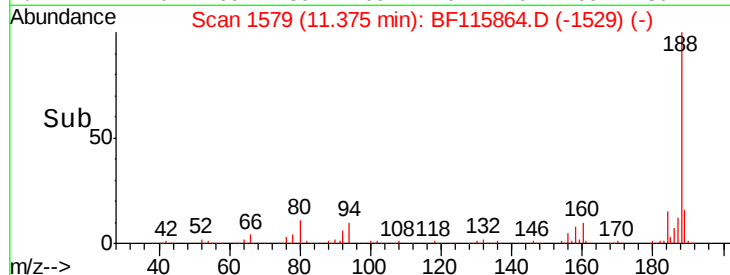
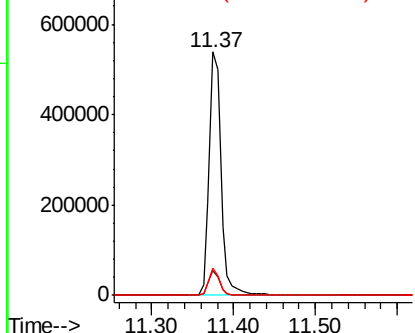
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF115864.D
 Acq: 31 Jul 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BL

Tgt Ion:188 Resp: 542859
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.0 12.0
 80 11.0 8.6 12.8

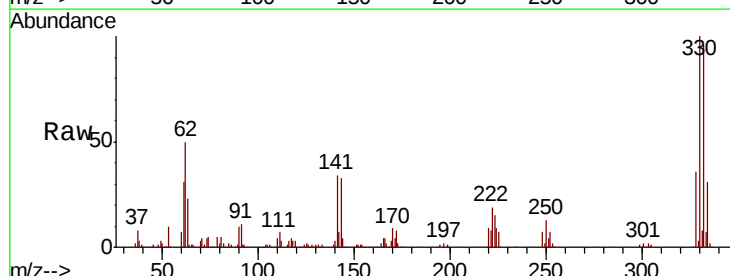


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

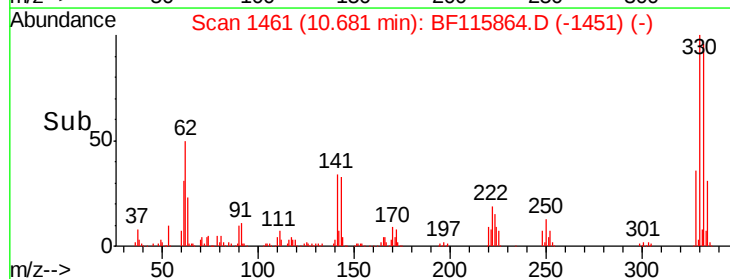
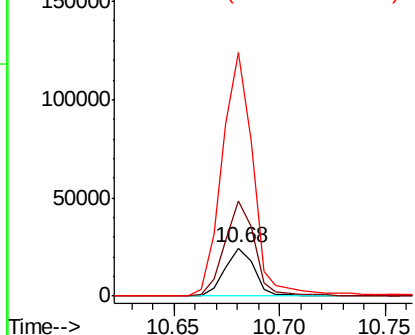


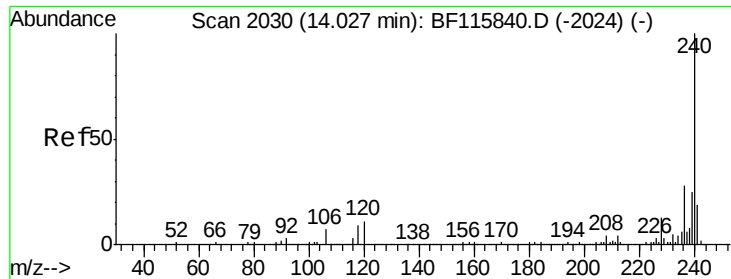
#67
 4-Bromophenyl-phenylether
 Concen: 4.035 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115864.D
 Acq: 31 Jul 2019 14:25

Tgt Ion:248 Resp: 23450
 Ion Ratio Lower Upper
 248 100
 250 197.1 77.8 116.6#
 141 504.4 64.3 96.5#



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

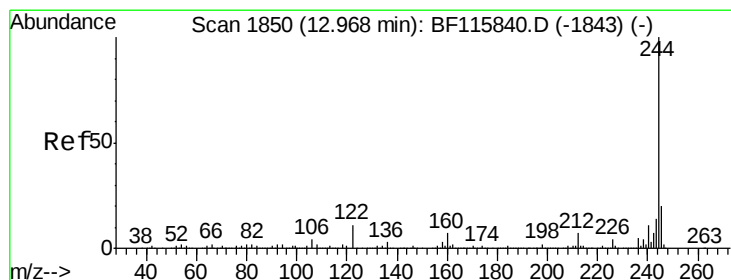
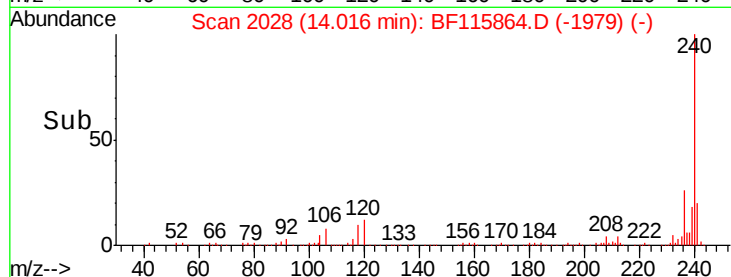
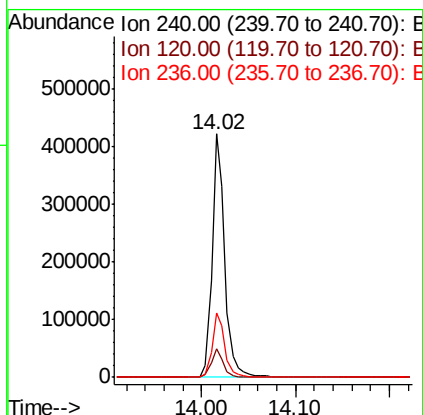
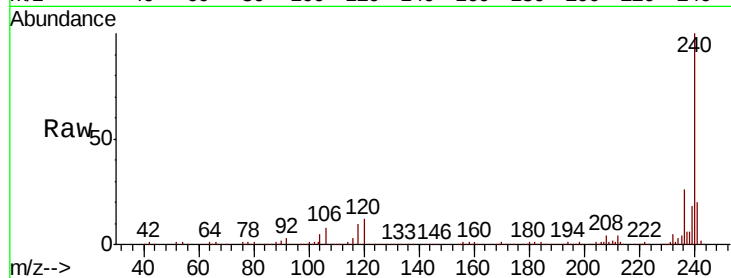




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

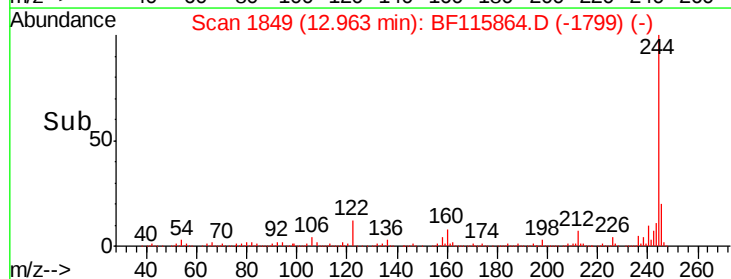
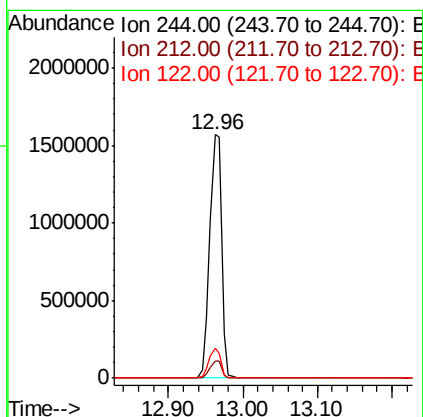
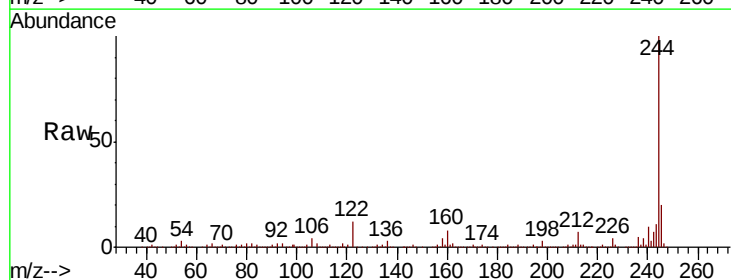
Instrument :
BNA_F
ClientSampleId :
PB121801BL

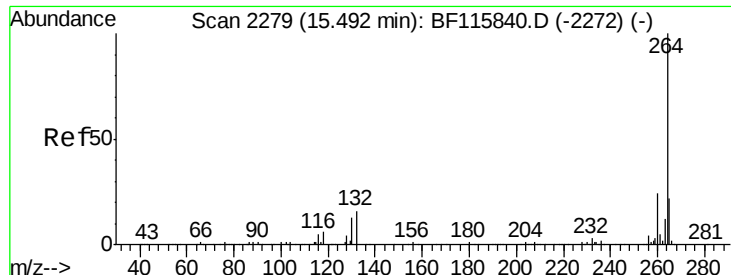
Tgt Ion:240 Resp: 401994
Ion Ratio Lower Upper
240 100
120 11.9 8.5 12.7
236 26.4 22.2 33.2



#79
Terphenyl-d14
Concen: 91.356 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Tgt Ion:244 Resp: 1742850
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.0 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115864.D
Acq: 31 Jul 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB121801BL

Tgt Ion:	264	Resp:	370656
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	17.5	26.3

