

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115859.D
 Acq On : 31 Jul 2019 12:12
 Operator : HP/JU
 Sample : PB121767BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 18:37:35 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

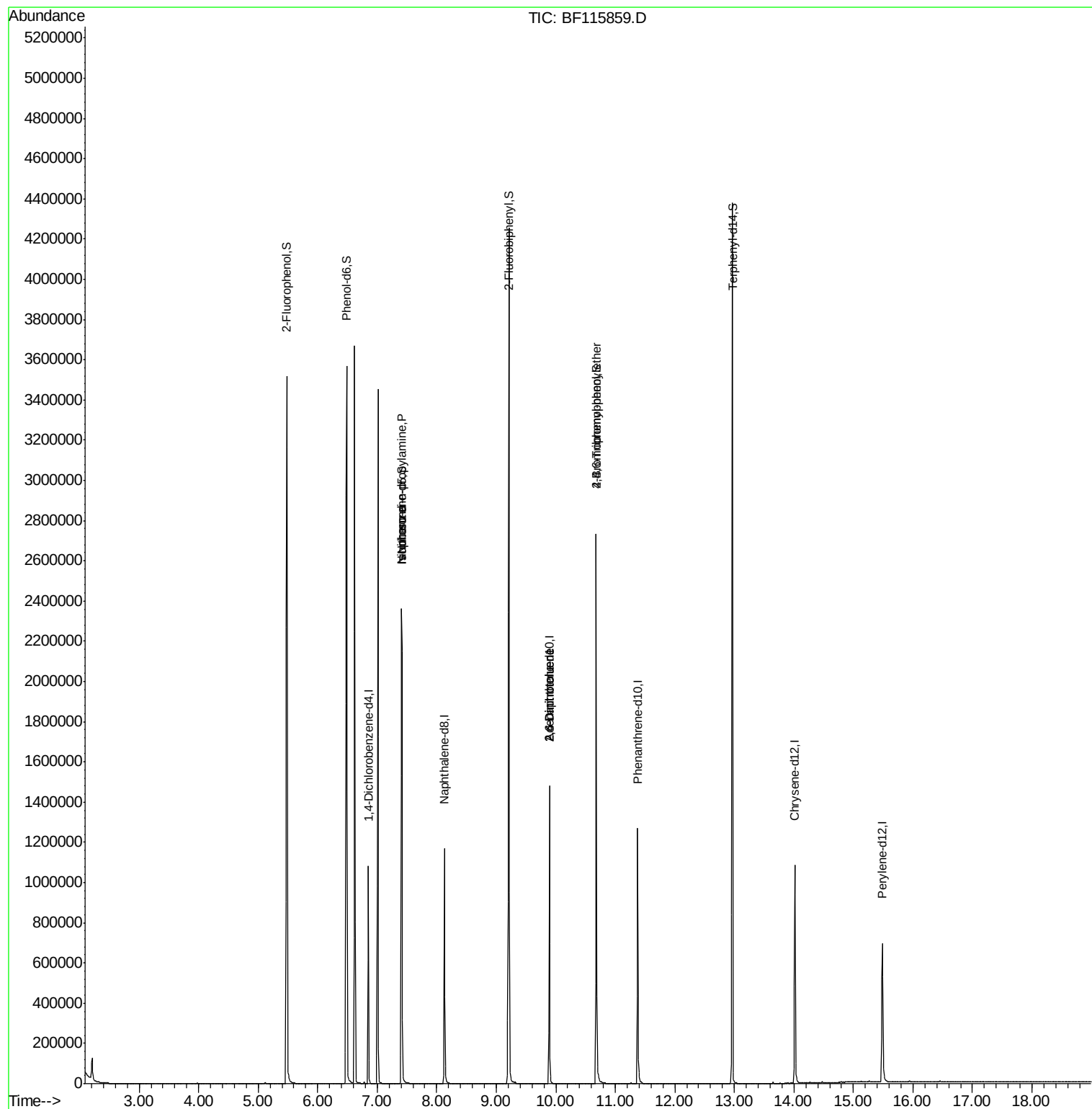
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148935	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	558443	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298870	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	526103	20.00	ng	0.00
76) Chrysene-d12	14.02	240	393994	20.00	ng	-0.01
87) Perylene-d12	15.49	264	358597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1115183	125.35	ng	0.01
7) Phenol-d6	6.49	99	1447361	128.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	926480	95.76	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	379093	130.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1565574	98.12	ng	0.00
79) Terphenyl-d14	12.97	244	1683739	90.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	124732	17.932	ng	# 79
25) Isophorone	7.41	82	917429	49.593	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	37488	8.477	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	37488	6.367	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	23139	4.109	ng	# 1

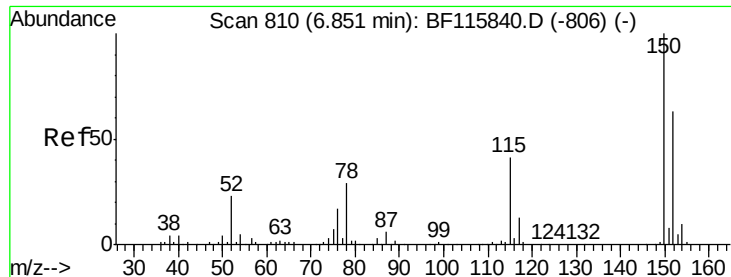
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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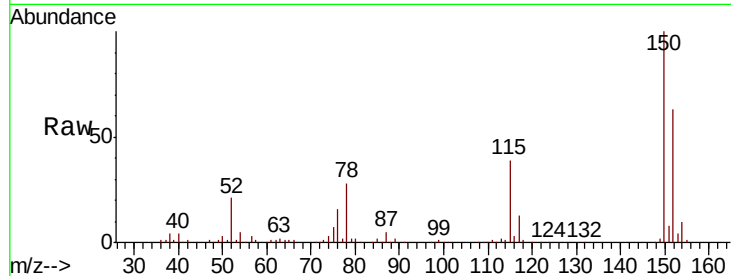


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115859.D
Acq: 31 Jul 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.0
115	61.0	51.8	77.8

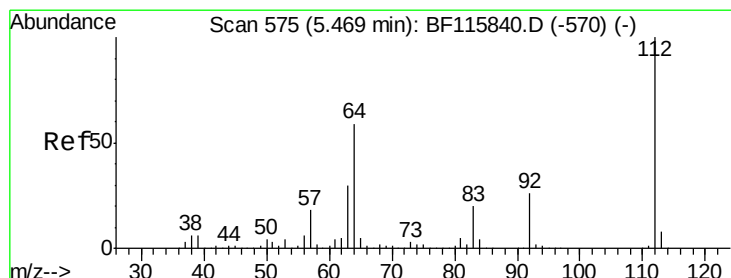
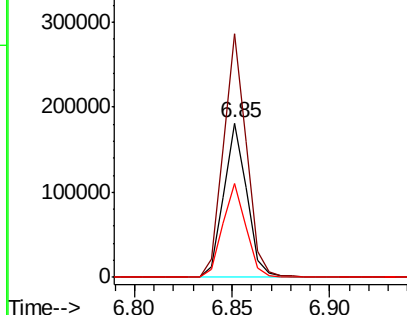
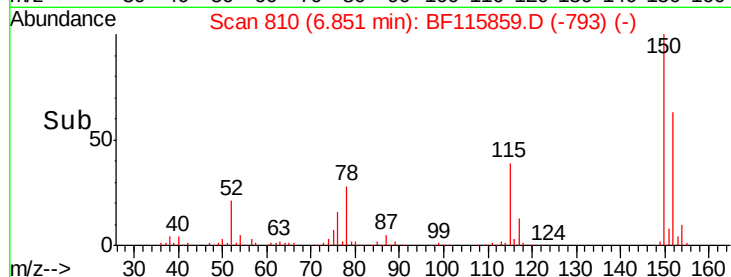


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

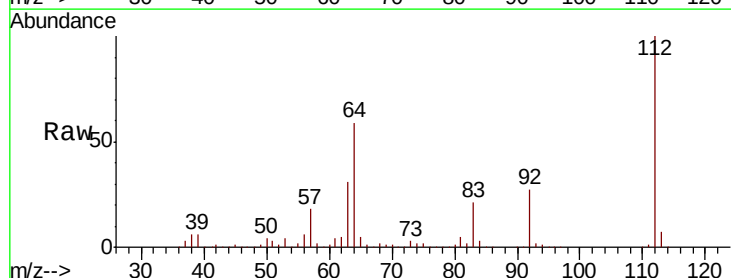
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.349 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115859.D
Acq: 31 Jul 2019 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.8	70.2
63	31.2	24.2	36.2

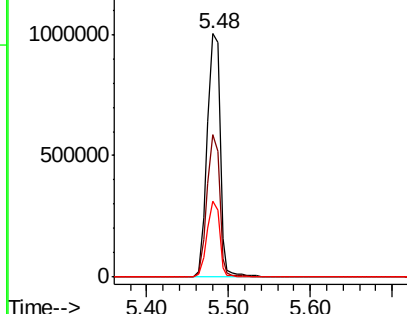
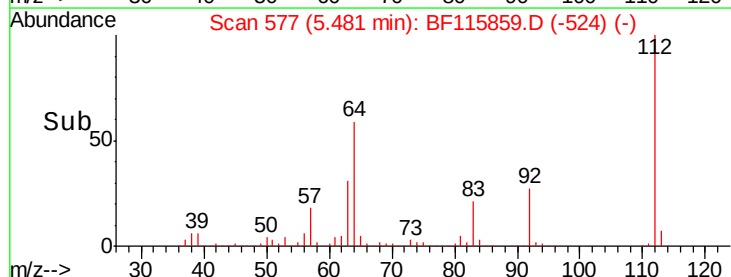


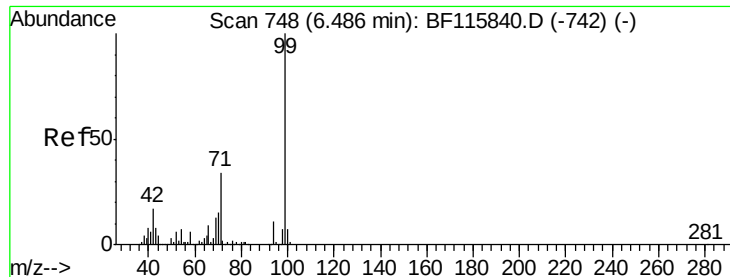
Abundance

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: 128.945 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

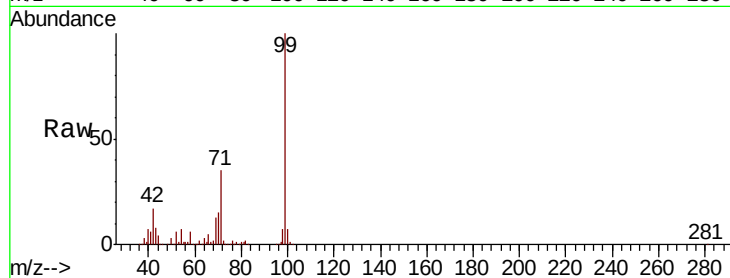
Tot Ion: 99 Resp: 1447361

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

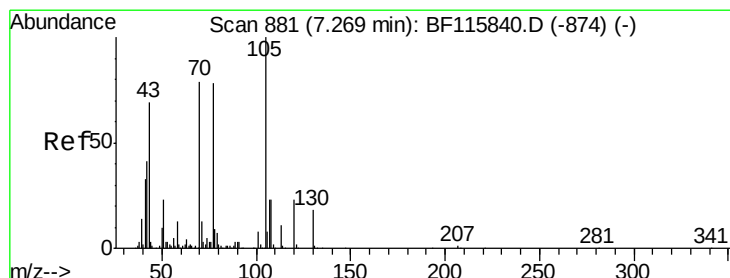
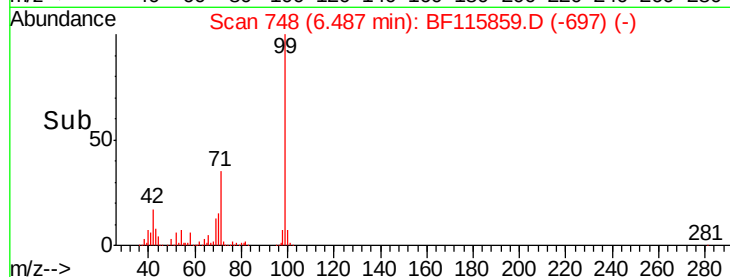
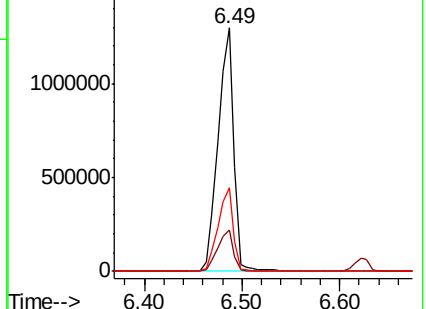
71 34.6 27.1 40.7



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: 17.932 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Tgt Ion: 70 Resp: 124732

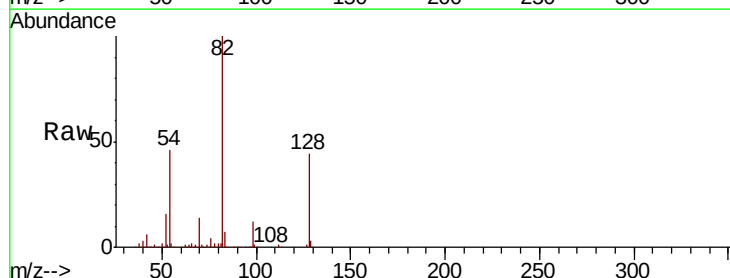
Ion Ratio Lower Upper

70 100

42 44.3 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

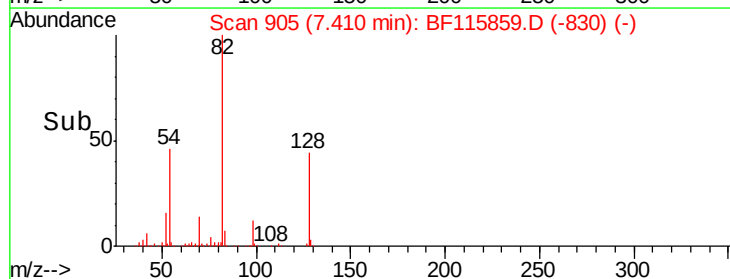
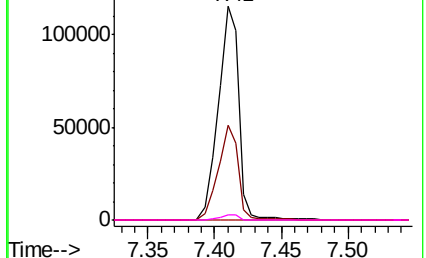


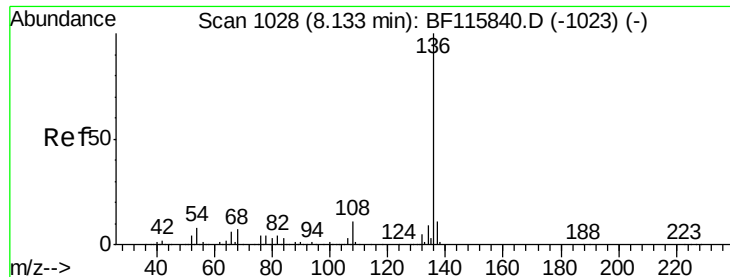
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 558443

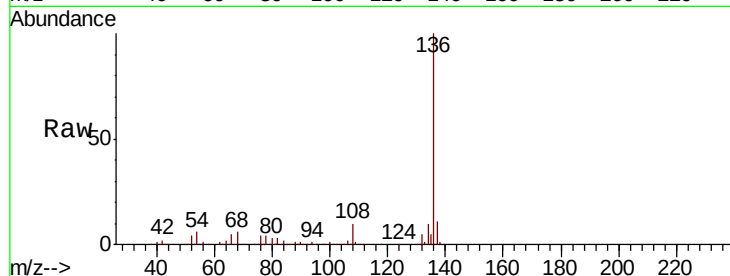
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.1 9.1

68 5.7 5.4 8.2

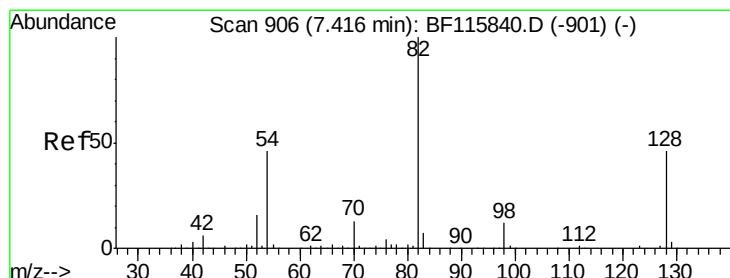
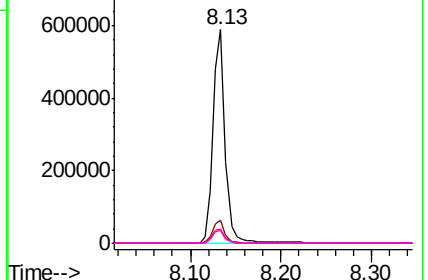
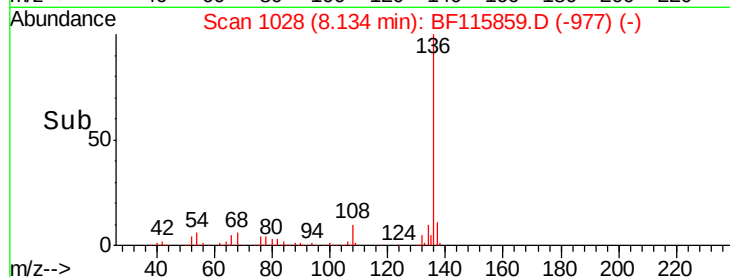


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.765 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

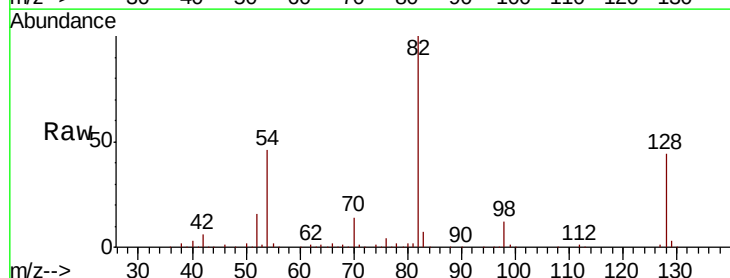
Tgt Ion: 82 Resp: 926480

Ion Ratio Lower Upper

82 100

128 44.4 36.6 55.0

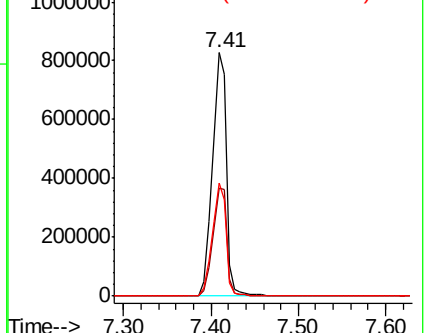
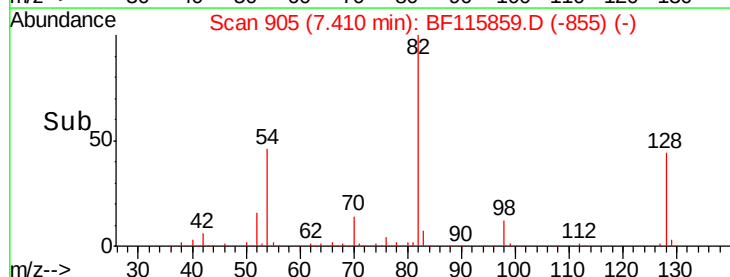
54 46.2 36.6 55.0

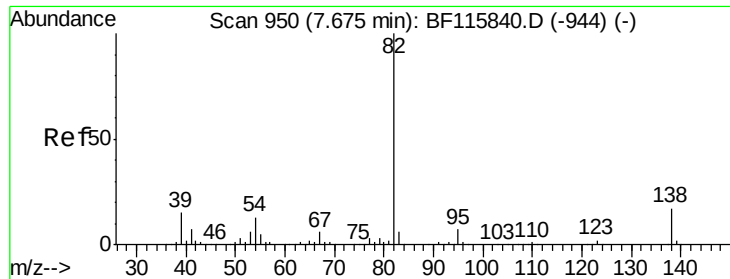


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.593 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

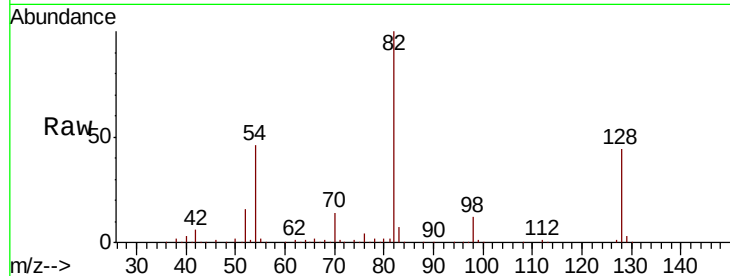
Tot Ion: 82 Resp: 917429

Ion Ratio Lower Upper

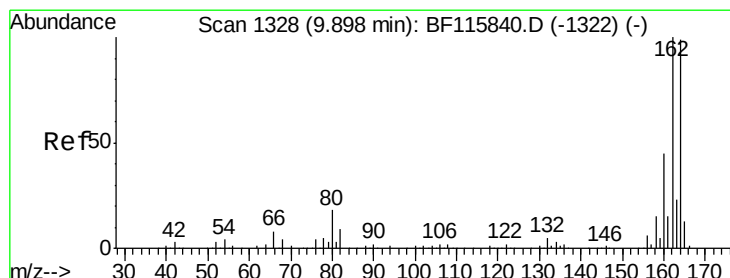
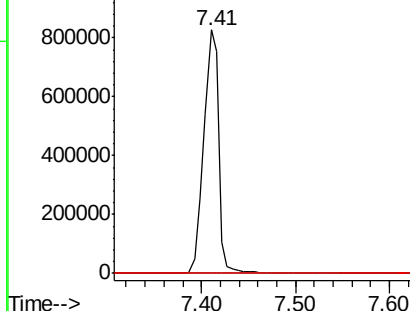
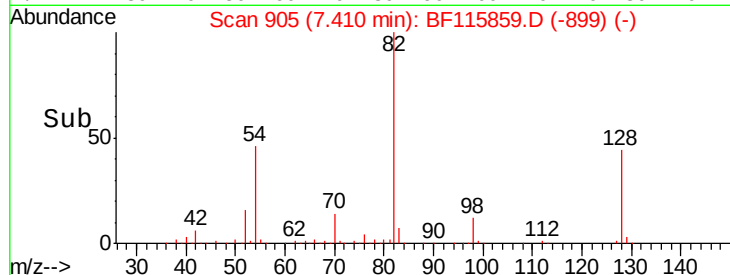
82 100

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: BF115859.D

Acq: 31 Jul 2019 12:12

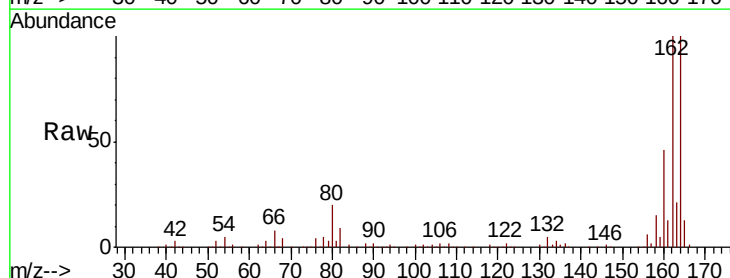
Tgt Ion: 164 Resp: 298870

Ion Ratio Lower Upper

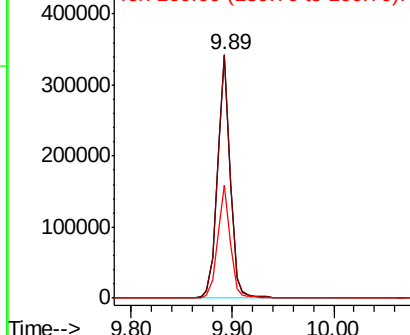
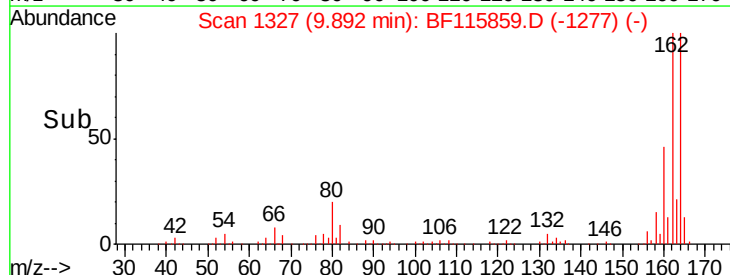
164 100

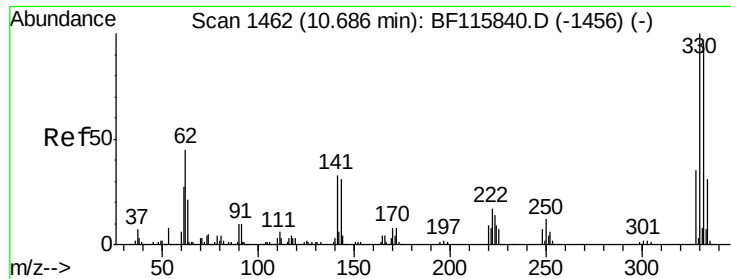
162 100.2 80.8 121.2

160 46.3 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: 130.829 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

Instrument :

BNA_F

ClientSampleId :

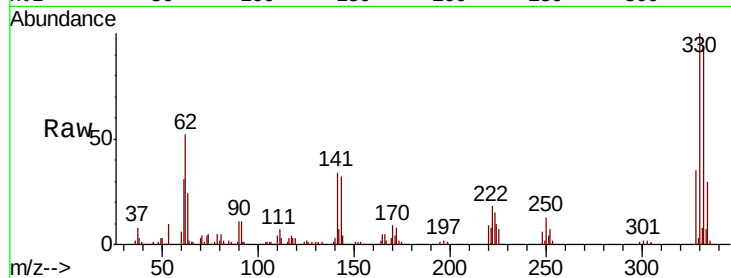
Tot Ion:330 Resp: 379093

Ion Ratio Lower Upper

330 100

332 94.9 77.7 116.5

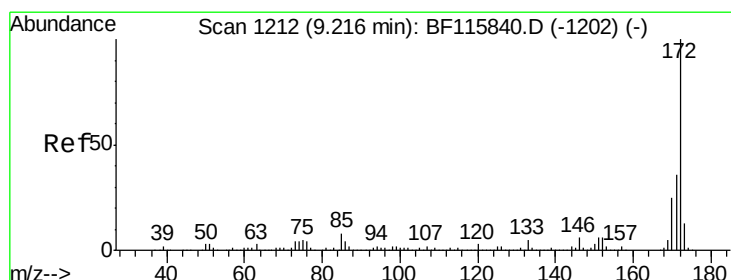
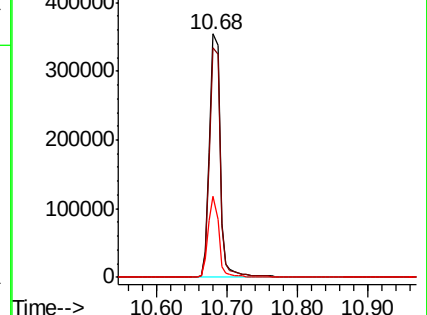
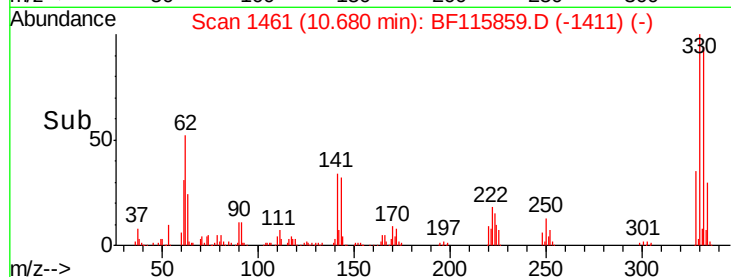
141 32.9 28.1 42.1



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: 98.117 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115859.D

Acq: 31 Jul 2019 12:12

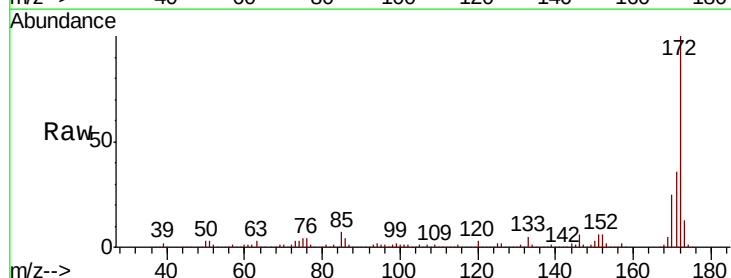
Tgt Ion:172 Resp: 1565574

Ion Ratio Lower Upper

172 100

171 36.4 29.1 43.7

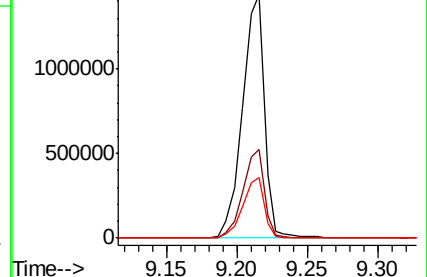
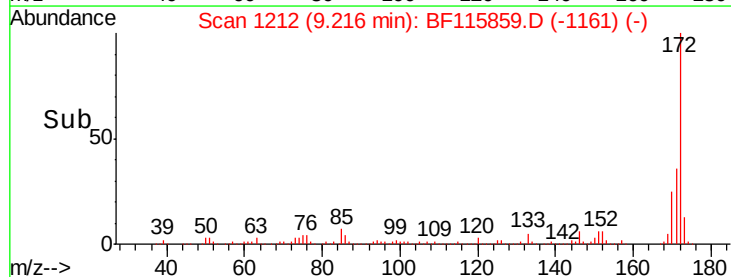
170 25.1 20.1 30.1

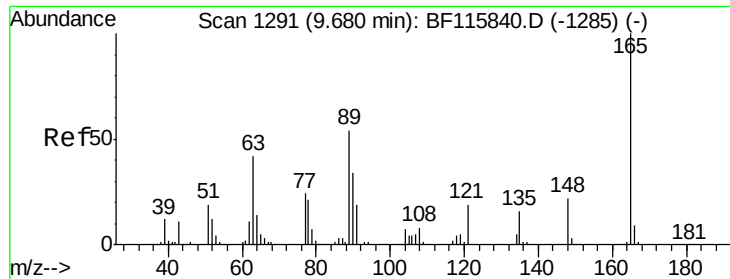


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

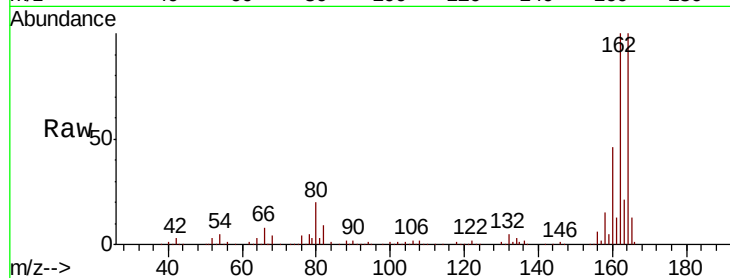




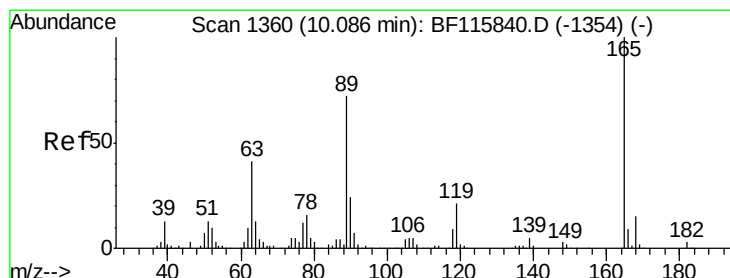
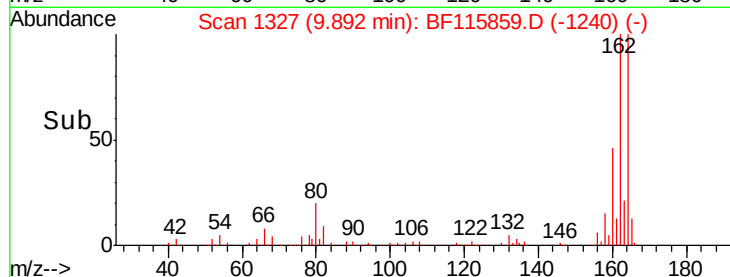
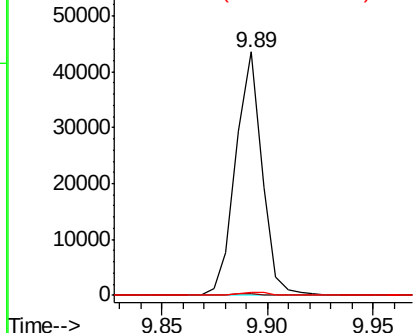
#51
 2,6-Dinitrotoluene
 Concen: 8.477 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	39.4	59.2#
89	1.2	43.0	64.6#

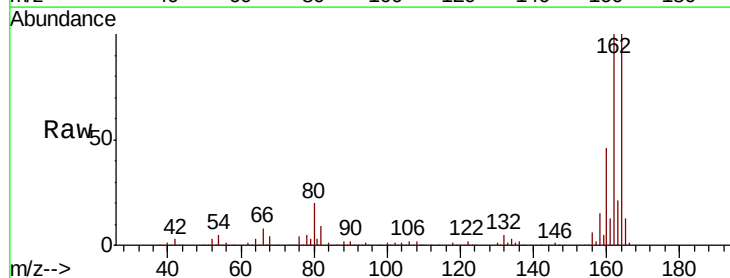


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

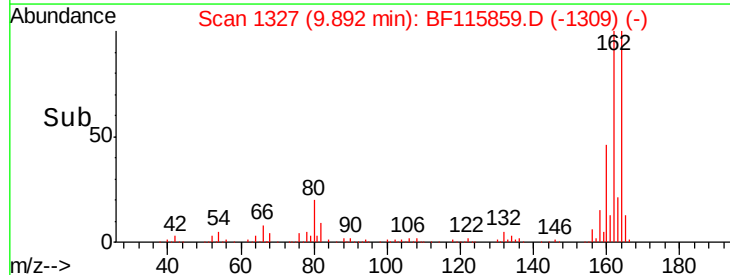
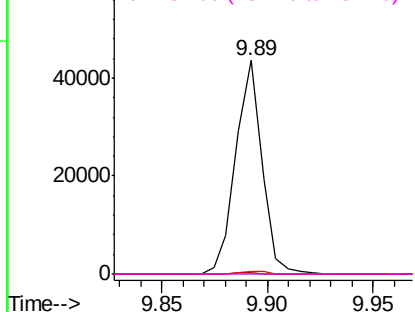


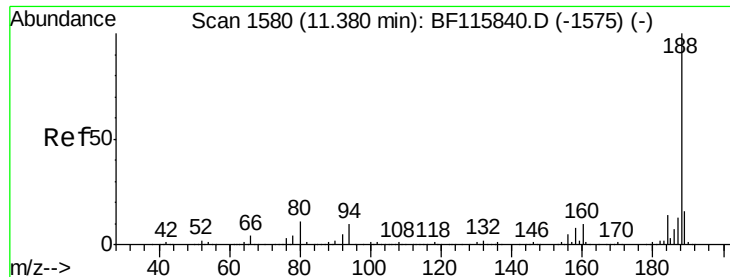
#57
 2,4-Dinitrotoluene
 Concen: 6.367 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	33.2	49.8#
89	1.2	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

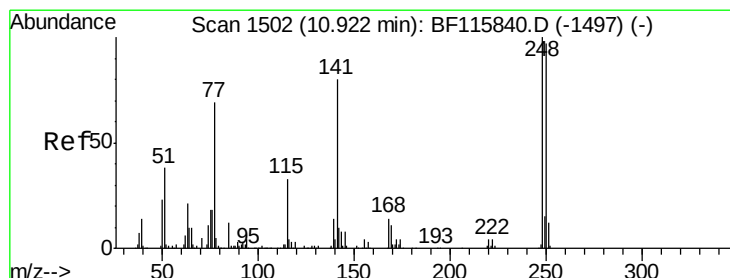
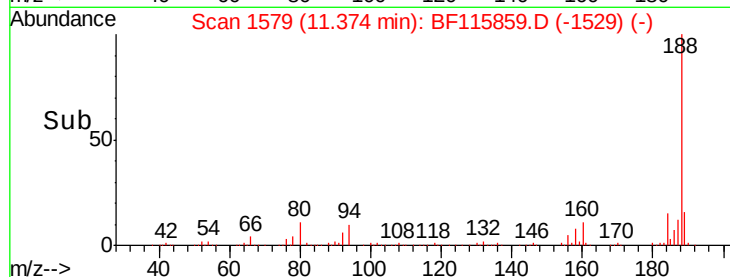
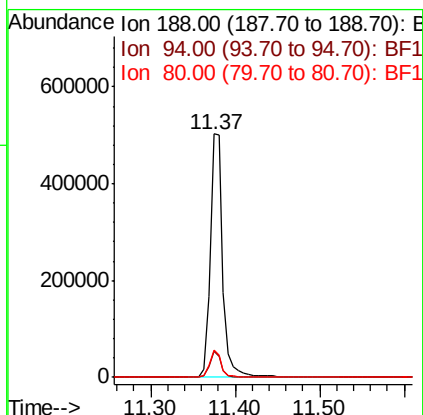
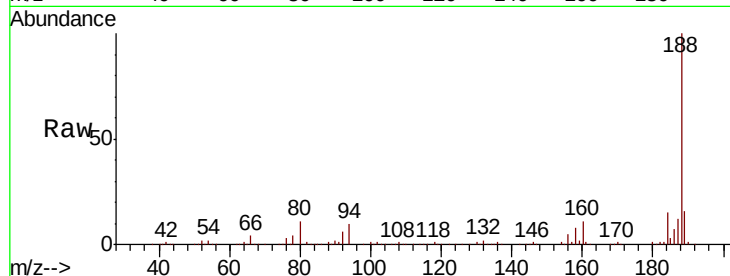




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

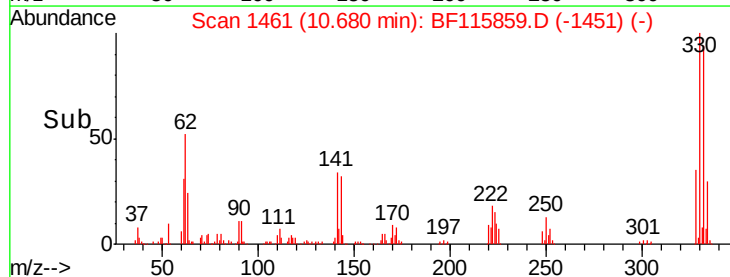
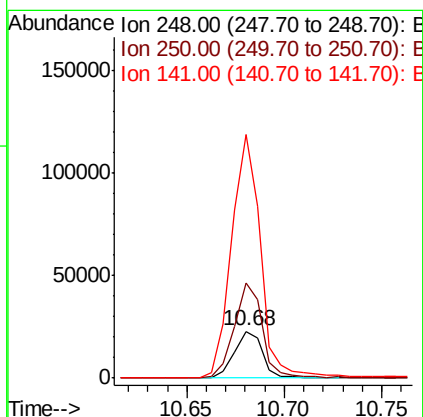
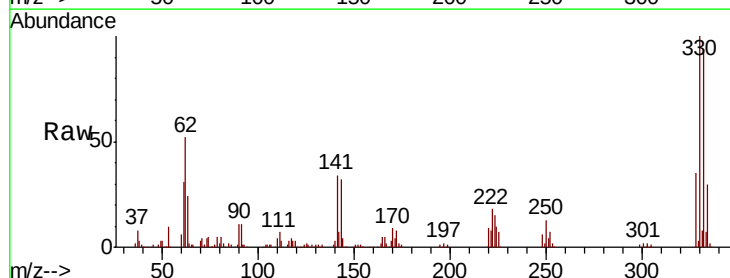
Instrument :
 BNA_F
 ClientSampleId :

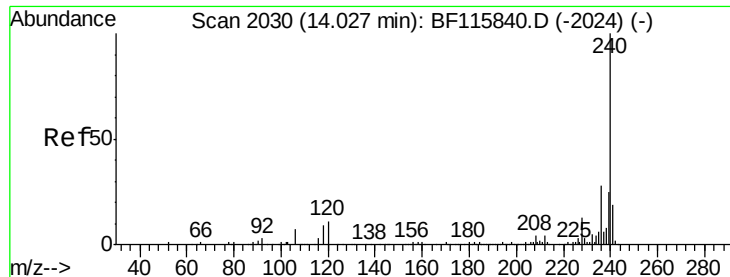
Tot Ion:188 Resp: 526103
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.0 12.0
 80 11.5 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.109 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Tgt Ion:248 Resp: 23139
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.8 116.6#
 141 518.0 64.3 96.5#

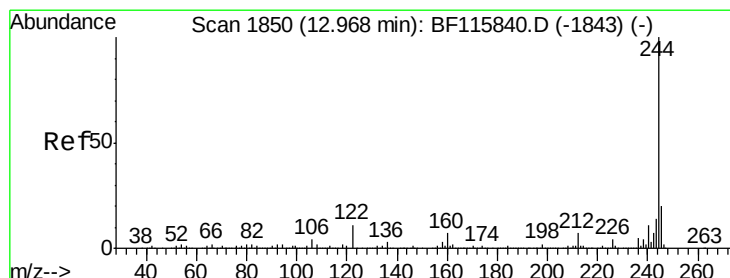
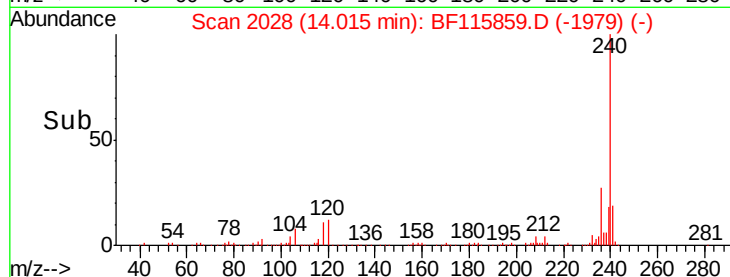
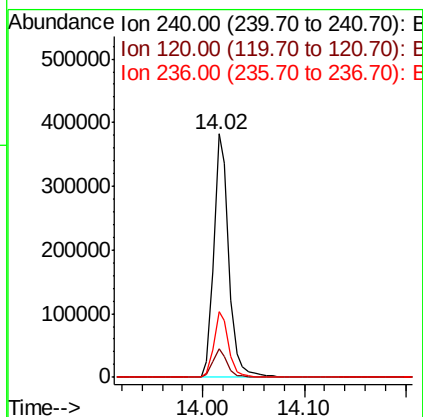
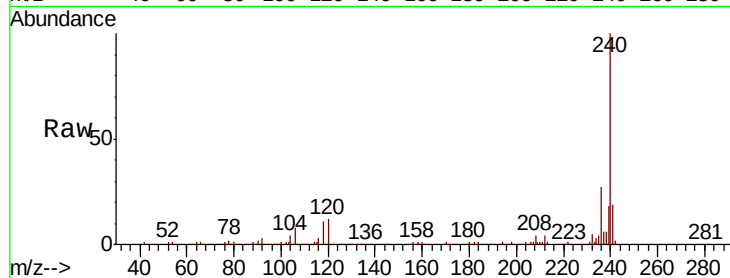




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

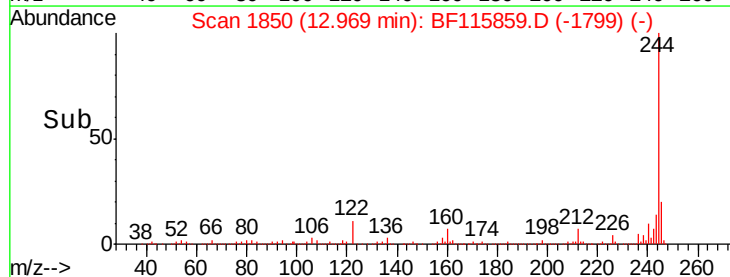
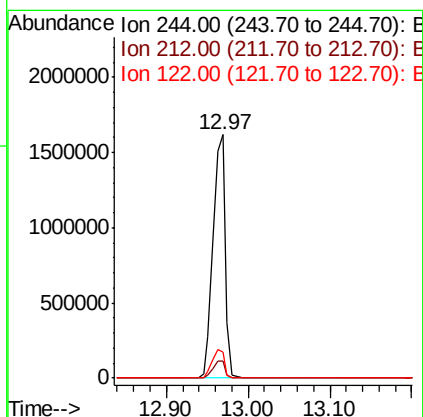
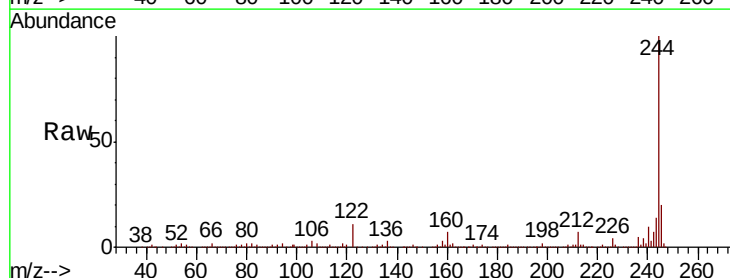
Instrument :
 BNA_F
 ClientSampled :

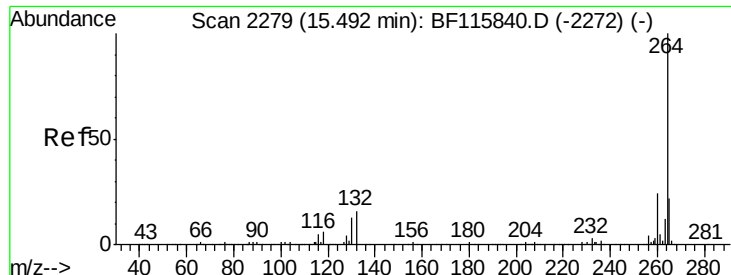
Tot Ion:240 Resp: 393994
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.5 12.7
 236 27.0 22.2 33.2



#79
 Terphenyl-d14
 Concen: 90.050 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Tgt Ion:244 Resp: 1683739
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.6 8.6 13.0

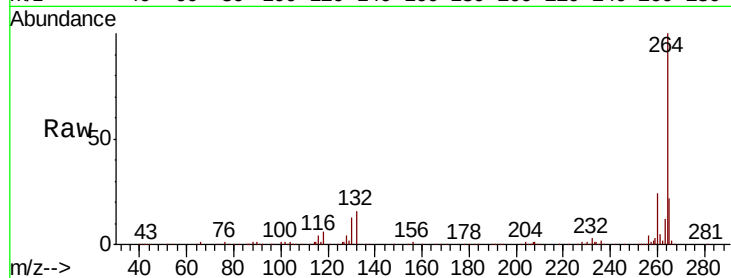




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF115859.D
 Acq: 31 Jul 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	358597
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

