

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116395.D
 Acq On : 19 Aug 2019 18:45
 Operator : HP/JU
 Sample : K4339-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Quant Time: Aug 20 01:41:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

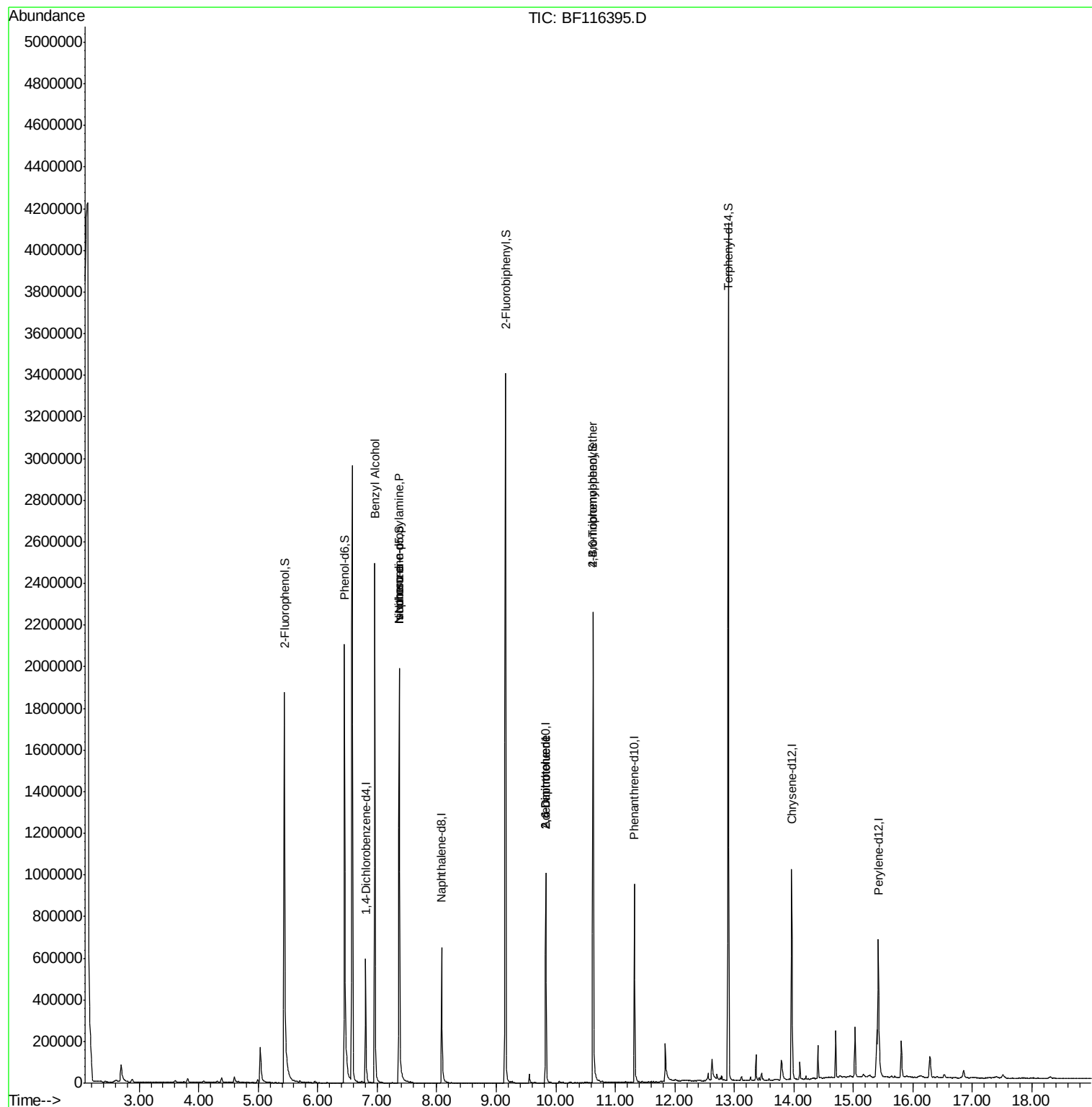
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94751	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	355220	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192874	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	363120	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	348587	20.00	ng	-0.02
87) Perylene-d12	15.42	264	373473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	767236	135.56	ng	0.00
7) Phenol-d6	6.45	99	909041	127.30	ng	-0.01
23) Nitrobenzene-d5	7.37	82	686418	111.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	312704	167.22	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1168448	113.47	ng	-0.01
79) Terphenyl-d14	12.90	244	1527937	92.36	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	11400	2.104	ng	# 47
19) n-Nitroso-di-n-propylamine	7.37	70	90863	20.533	ng	# 79
25) Isophorone	7.37	82	686414	58.333	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	24884	8.719	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	24884	6.549	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	18170	4.674	ng	# 1

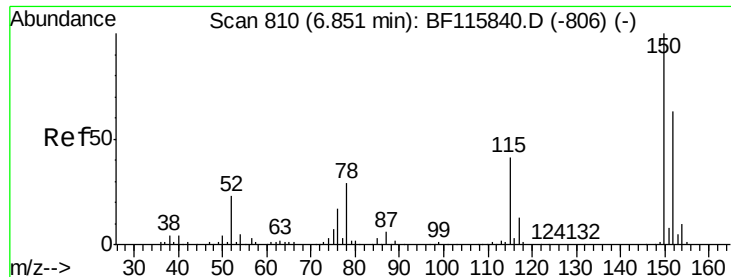
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116395.D
Acq On : 19 Aug 2019 18:45
Operator : HP/JU
Sample : K4339-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Quant Time: Aug 20 01:41:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration



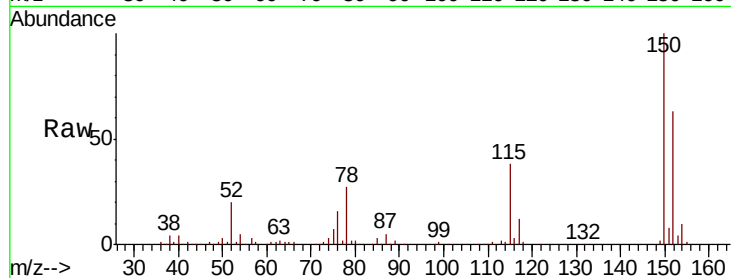


#1

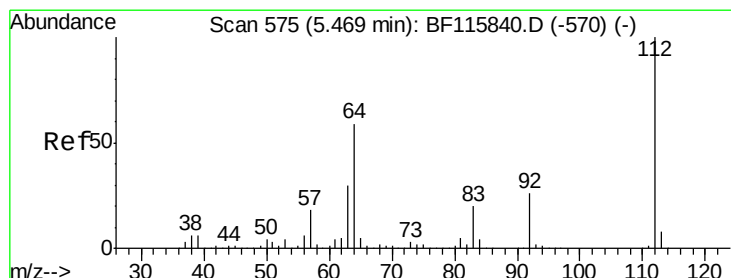
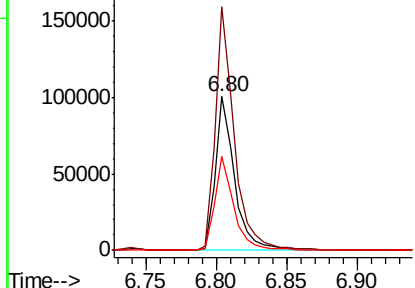
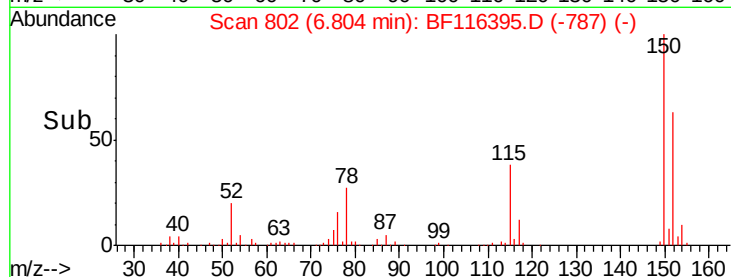
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

Tgt Ion:152 Resp: 94751
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 60.8 49.9 74.9



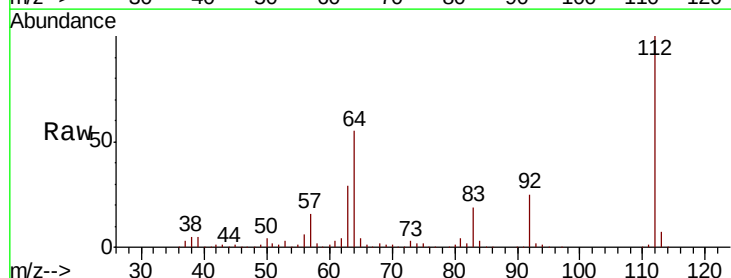
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



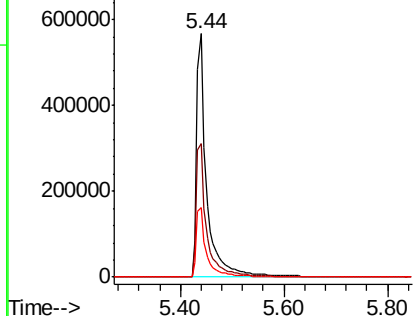
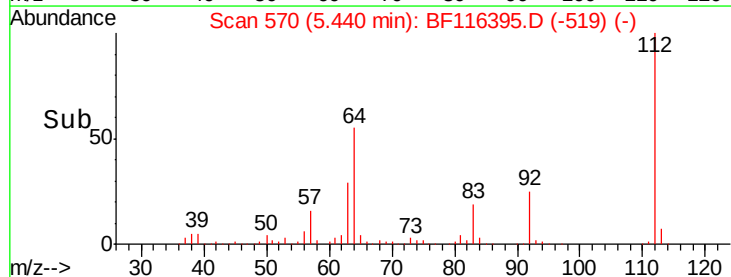
#5

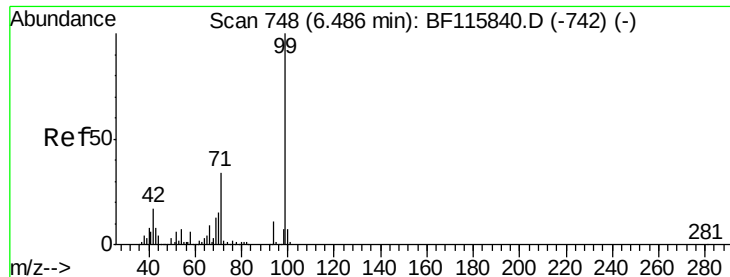
2-Fluorophenol
Concen: 135.555 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

Tgt Ion:112 Resp: 767236
Ion Ratio Lower Upper
112 100
64 54.7 45.4 68.2
63 28.6 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: 127.298 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

T8-B1-(0-4)

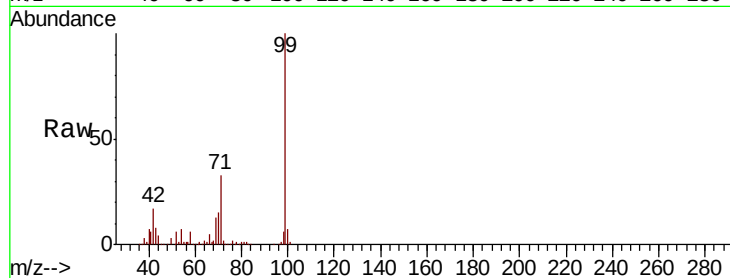
Tgt Ion: 99 Resp: 909041

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

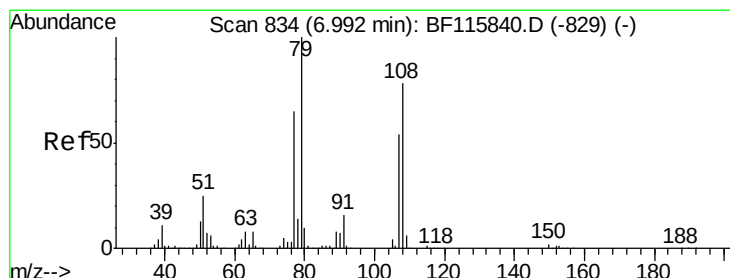
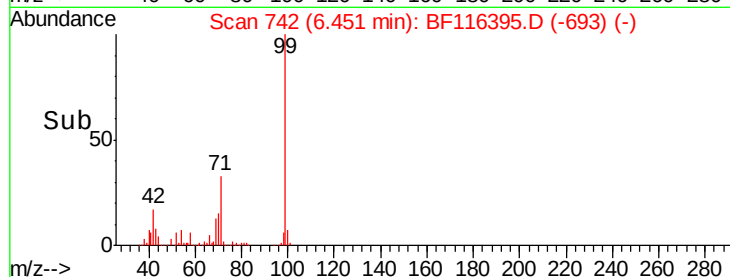
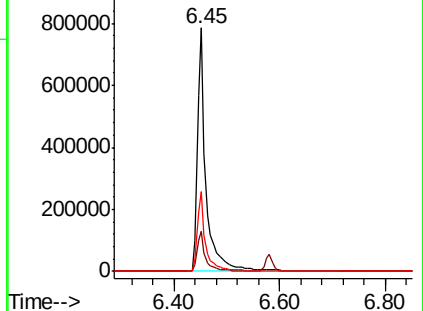
71 33.0 27.3 40.9



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



#15

Benzyl Alcohol

Concen: 2.104 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

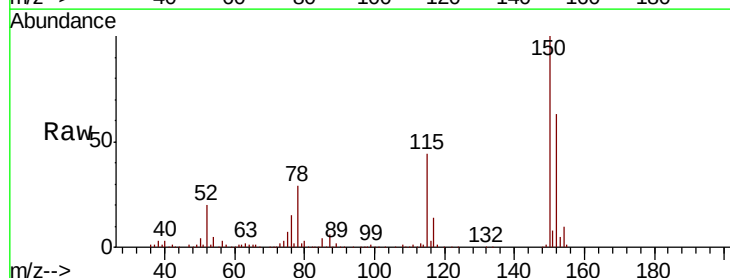
Tgt Ion: 79 Resp: 11400

Ion Ratio Lower Upper

79 100

108 32.4 62.7 94.1#

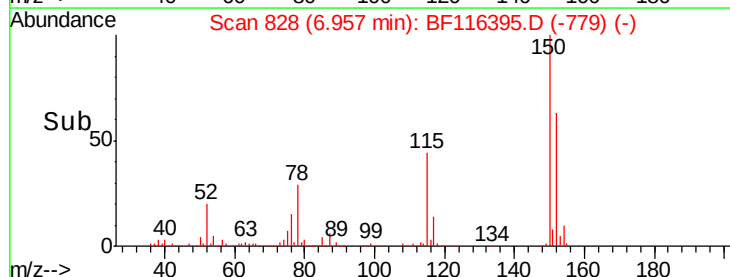
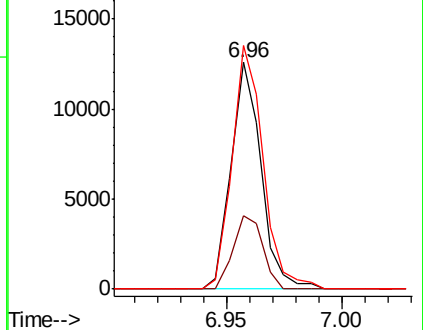
77 107.5 52.2 78.2#

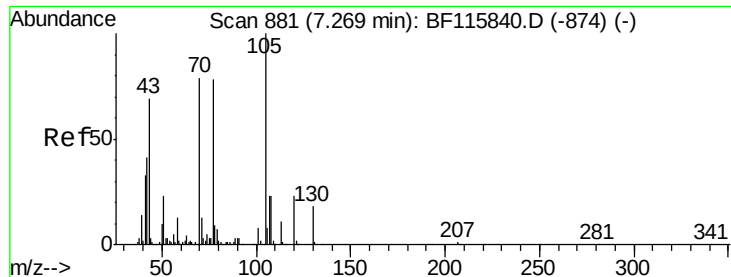


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

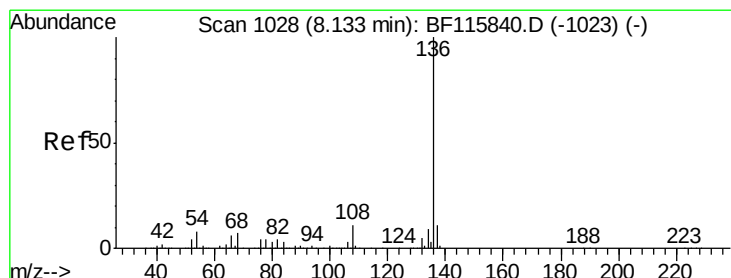
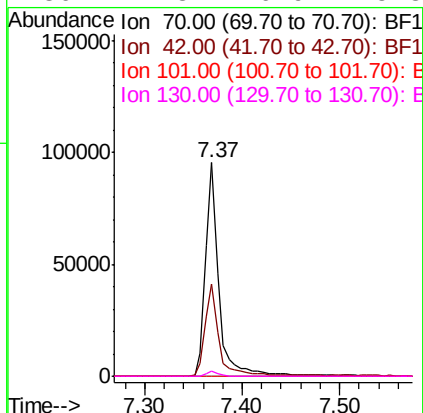
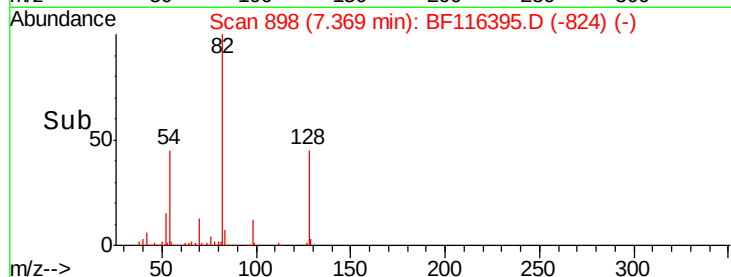
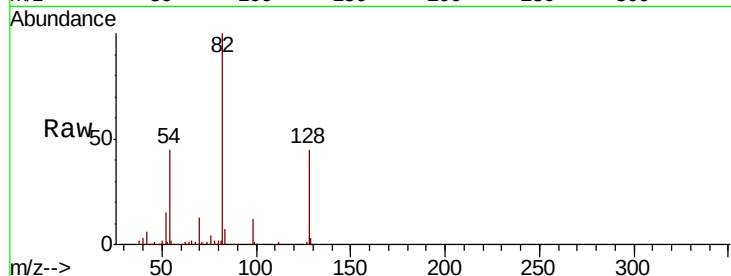




#19
n-Nitroso-di-n-propylamine
Concen: 20.533 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

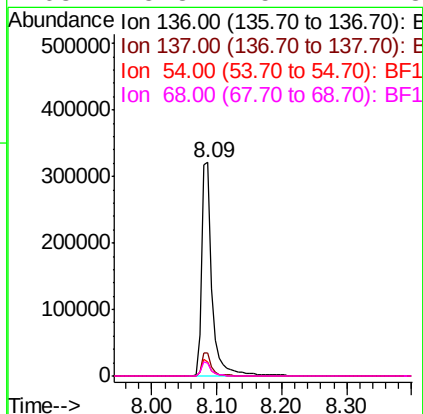
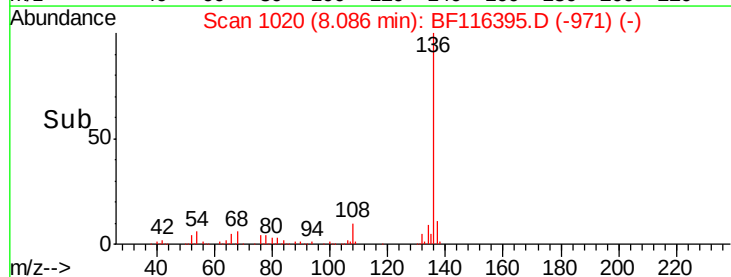
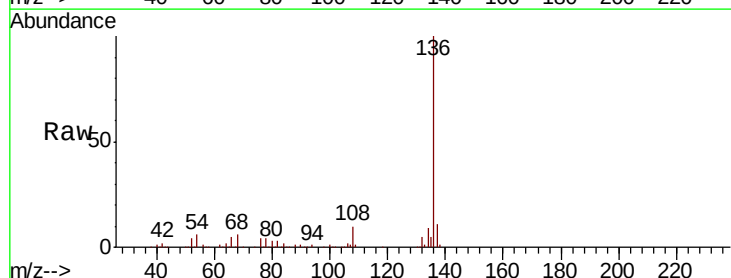
Instrument :
BNA_F
ClientSampleId :
T8-B1-(0-4)

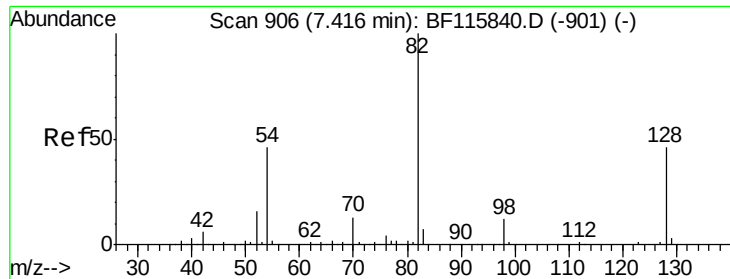
Tgt Ion: 70 Resp: 90863
Ion Ratio Lower Upper
70 100
42 43.1 40.9 61.3
101 0.0 7.9 11.9#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116395.D
Acq: 19 Aug 2019 18:45

Tgt Ion: 136 Resp: 355220
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.4 5.8 8.6
68 5.8 5.2 7.8

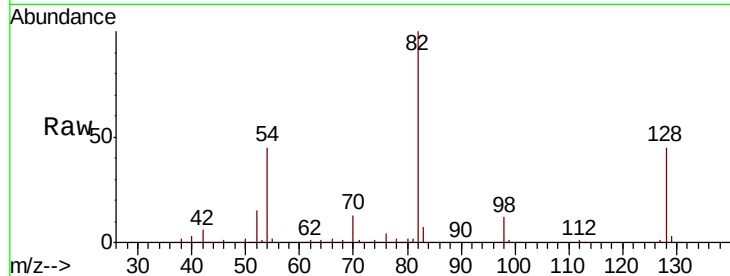




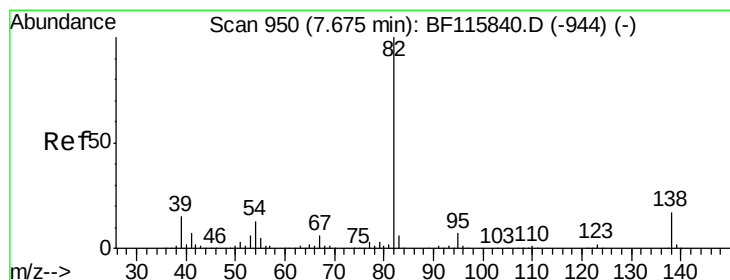
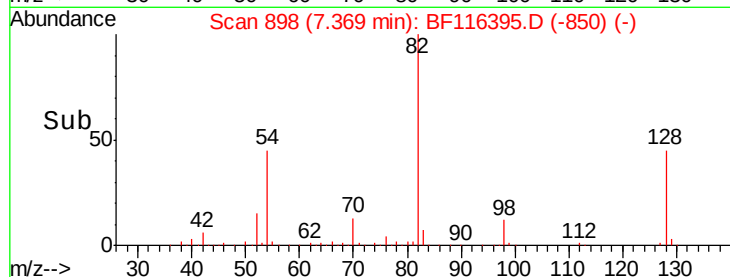
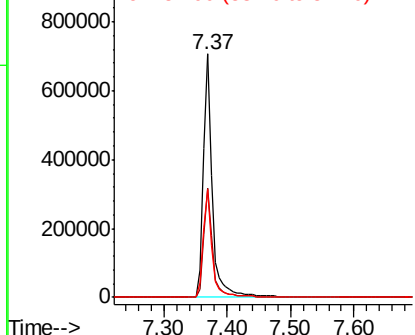
#23
 Nitrobenzene-d5
 Concen: 111.543 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Tgt Ion: 82 Resp: 686418
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 44.5 36.0 54.0

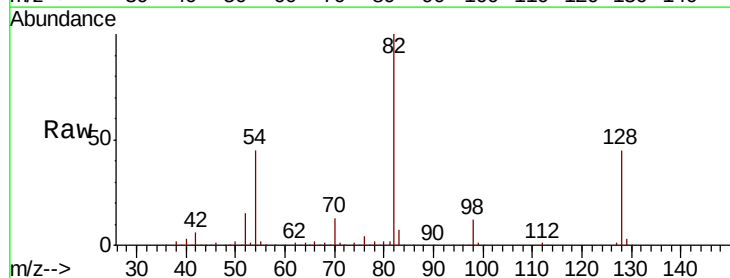


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

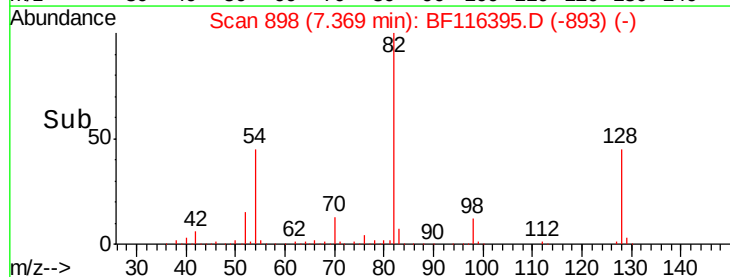
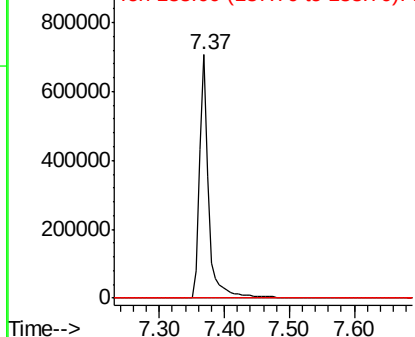


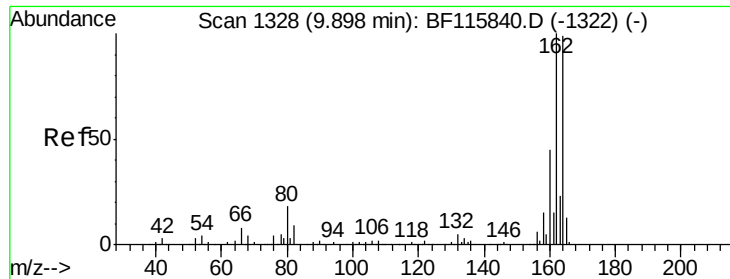
#25
 Isophorone
 Concen: 58.333 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion: 82 Resp: 686414
 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

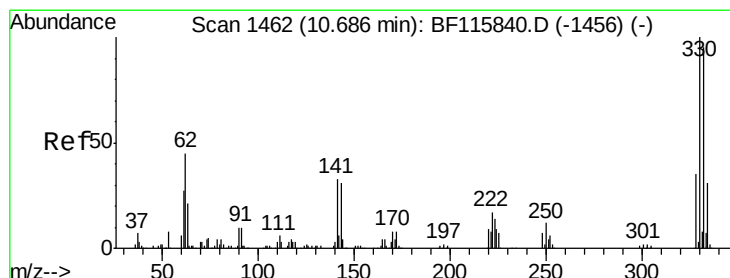
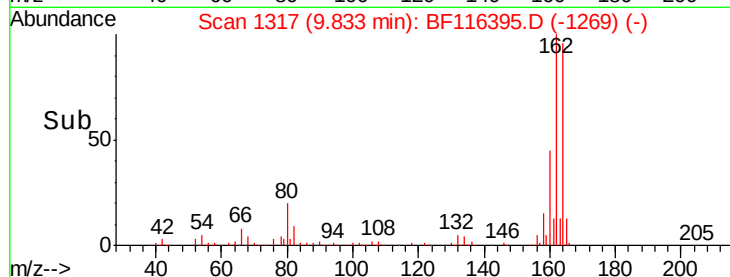
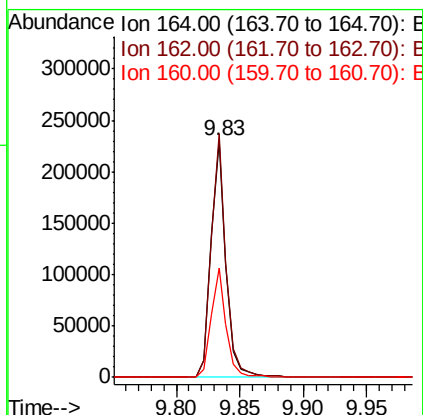
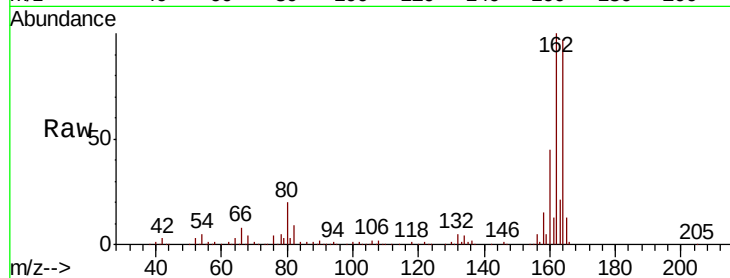




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

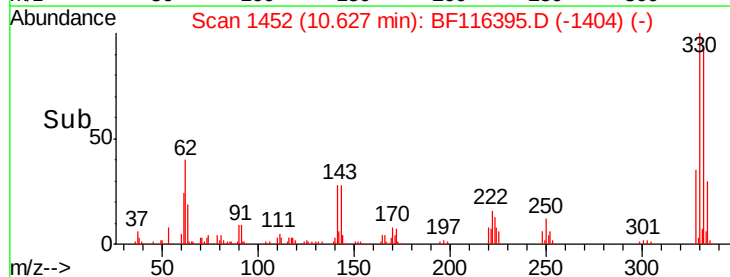
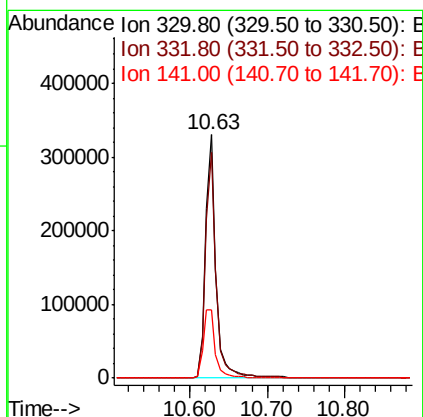
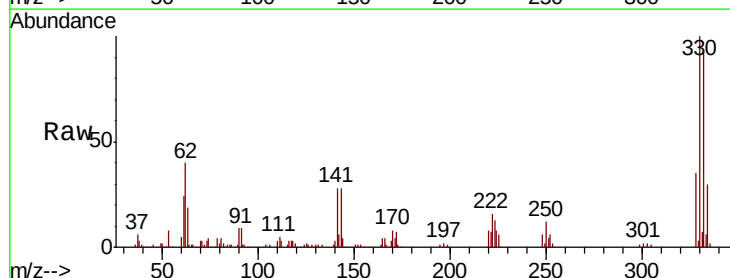
Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

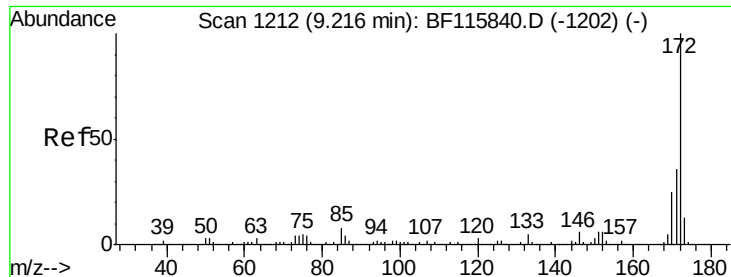
Tgt Ion:164 Resp: 192874
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 46.4 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 167.224 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion:330 Resp: 312704
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 32.8 26.3 39.5

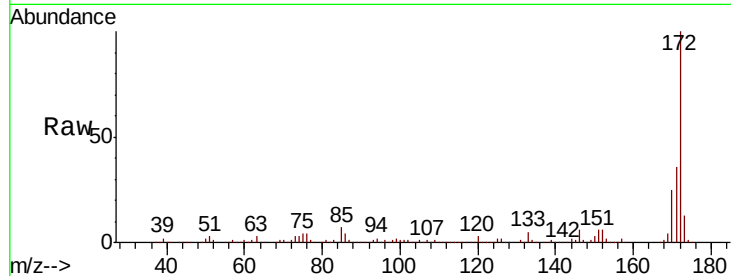




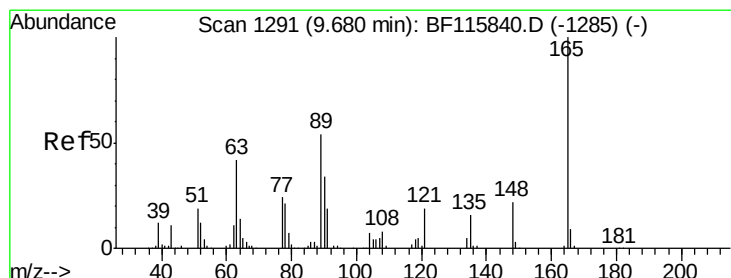
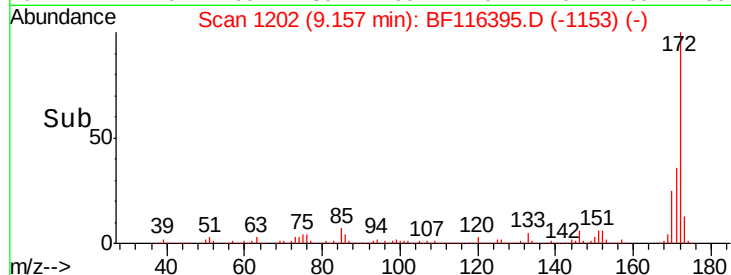
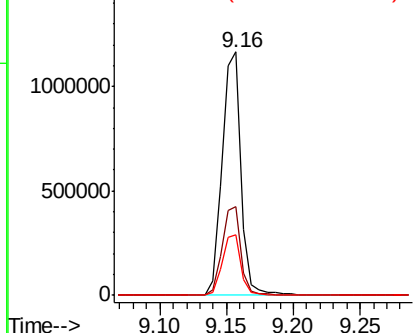
#45
 2-Fluorobiphenyl
 Concen: 113.472 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Tgt Ion:172 Resp: 1168448
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.6 20.1 30.1

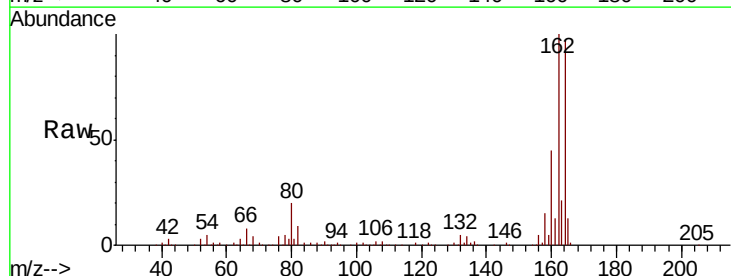


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

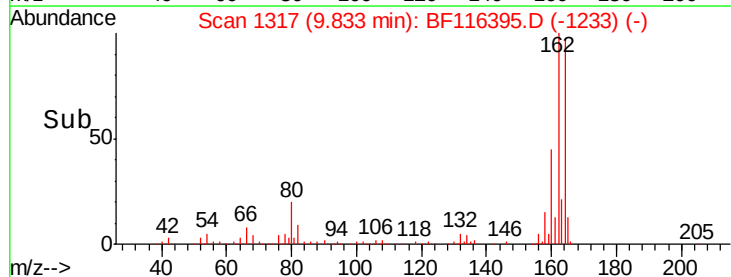
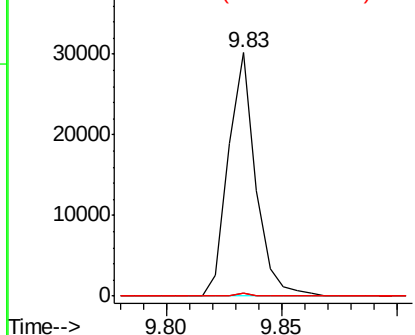


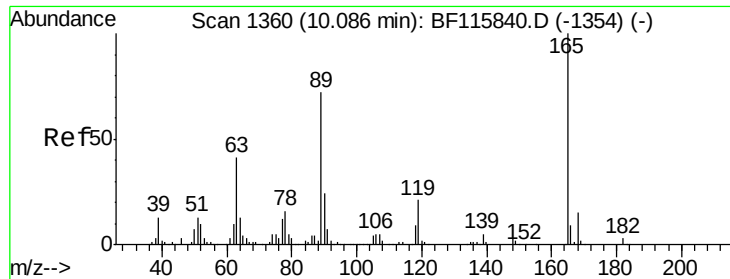
#51
 2,6-Dinitrotoluene
 Concen: 8.719 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion:165 Resp: 24884
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.2 57.2#
 89 1.1 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

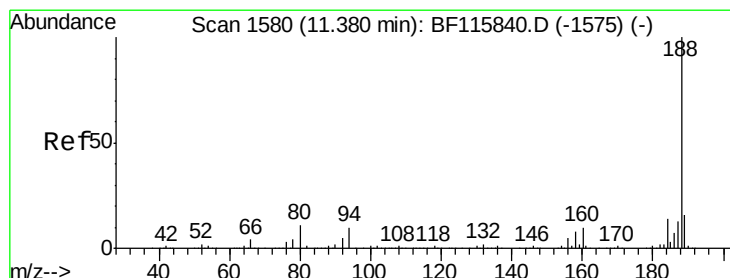
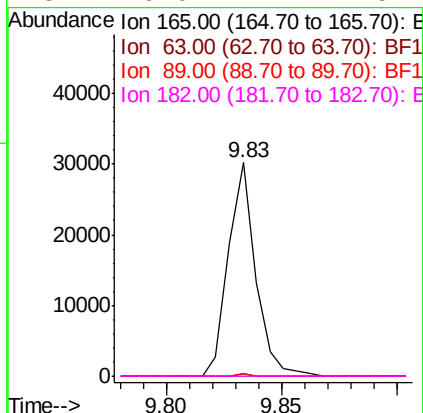
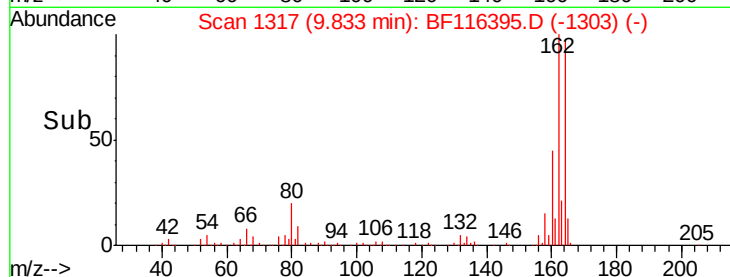
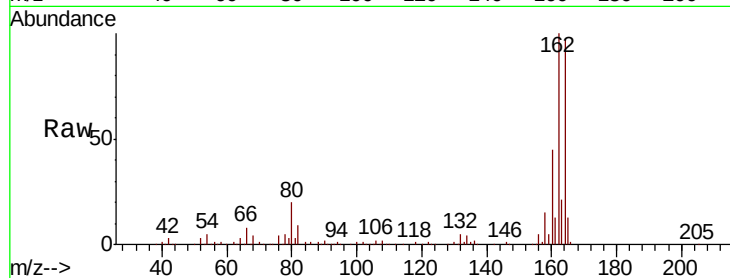




#57
 2,4-Dinitrotoluene
 Concen: 6.549 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

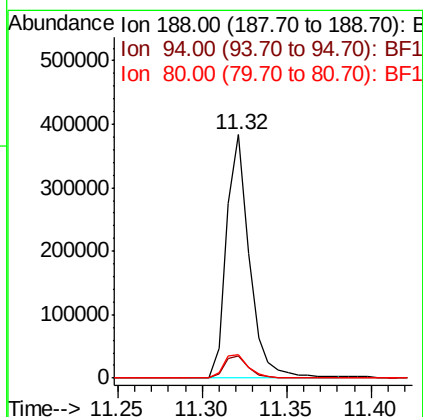
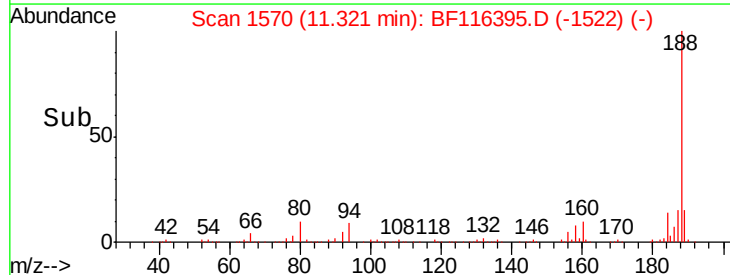
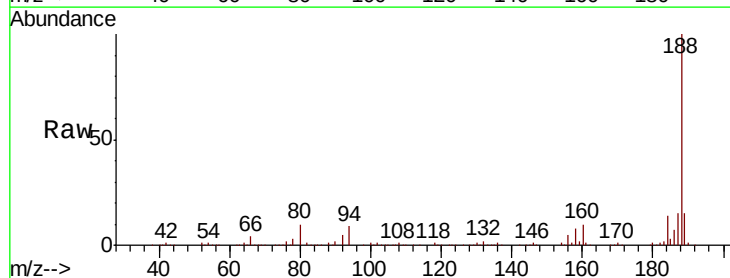
Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

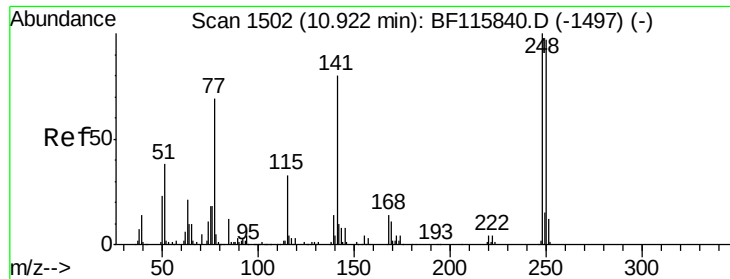
Tgt Ion:	165	Resp:	24884
Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion:	188	Resp:	363120
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.9	8.7	13.1

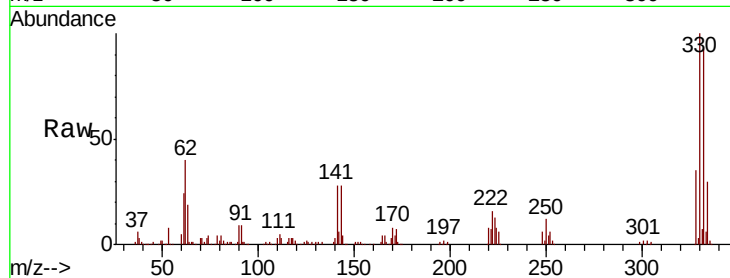




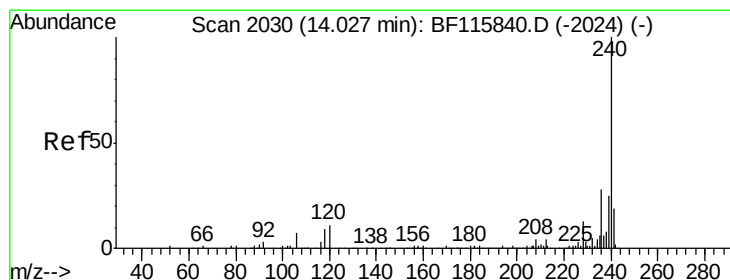
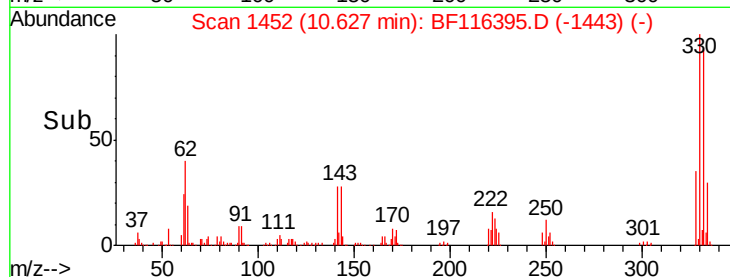
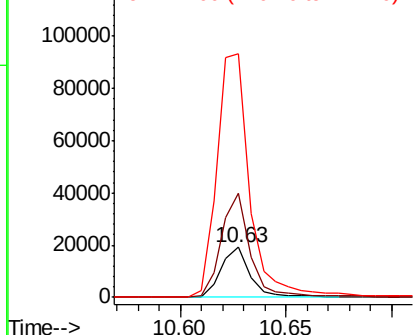
#67
 4-Bromophenyl-phenylether
 Concen: 4.674 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 T8-B1-(0-4)

Tgt Ion: 248 Resp: 18170
 Ion Ratio Lower Upper
 248 100
 250 209.4 77.4 116.2#
 141 487.0 56.8 85.2#

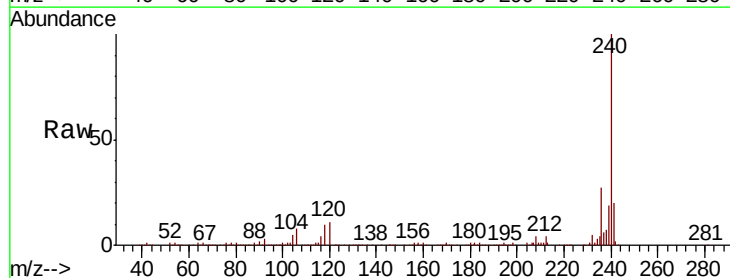


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

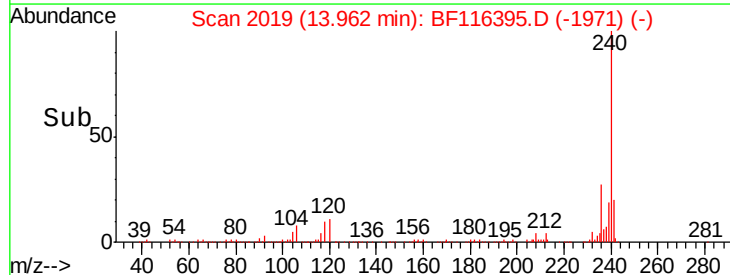
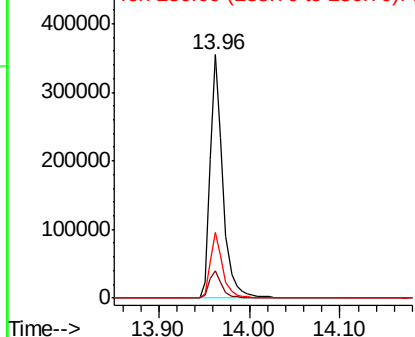


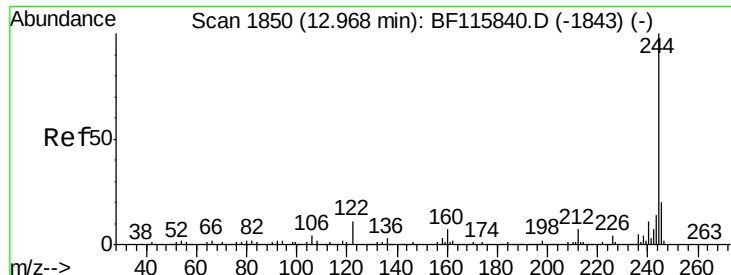
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116395.D
 Acq: 19 Aug 2019 18:45

Tgt Ion: 240 Resp: 348587
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.7 16.1
 236 27.2 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: 92.362 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

T8-B1-(0-4)

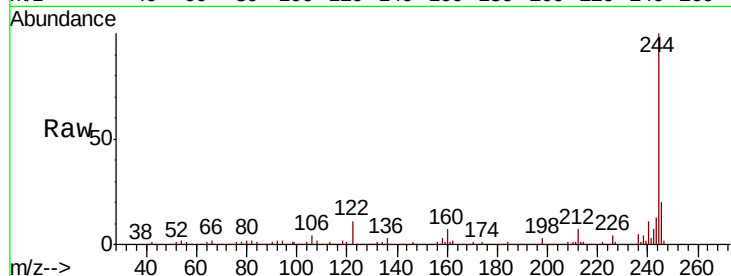
Tgt Ion:244 Resp: 1527937

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

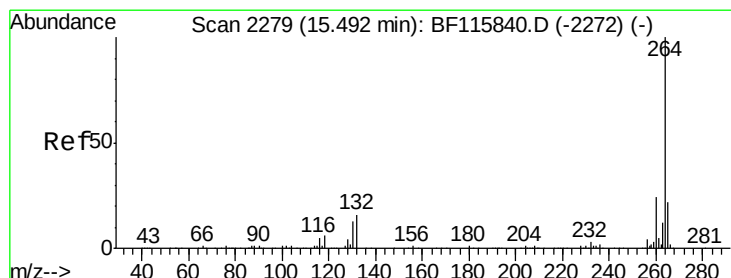
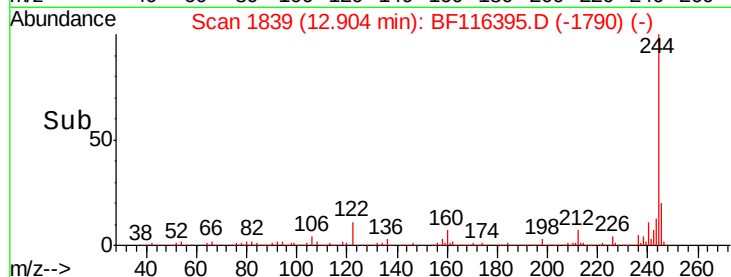
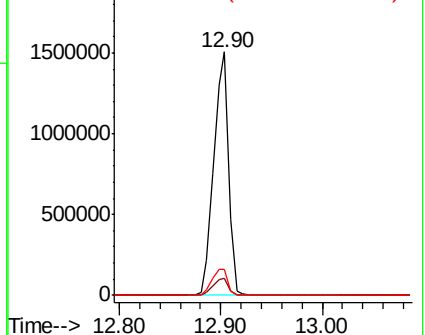
122 10.8 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BF116395.D

Acq: 19 Aug 2019 18:45

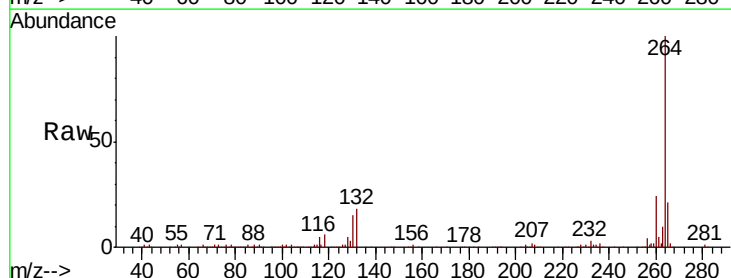
Tgt Ion:264 Resp: 373473

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.2 17.4 26.0



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

