

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116448.D
 Acq On : 20 Aug 2019 23:34
 Operator : HP/JU
 Sample : K4403-35
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 01:17:34 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

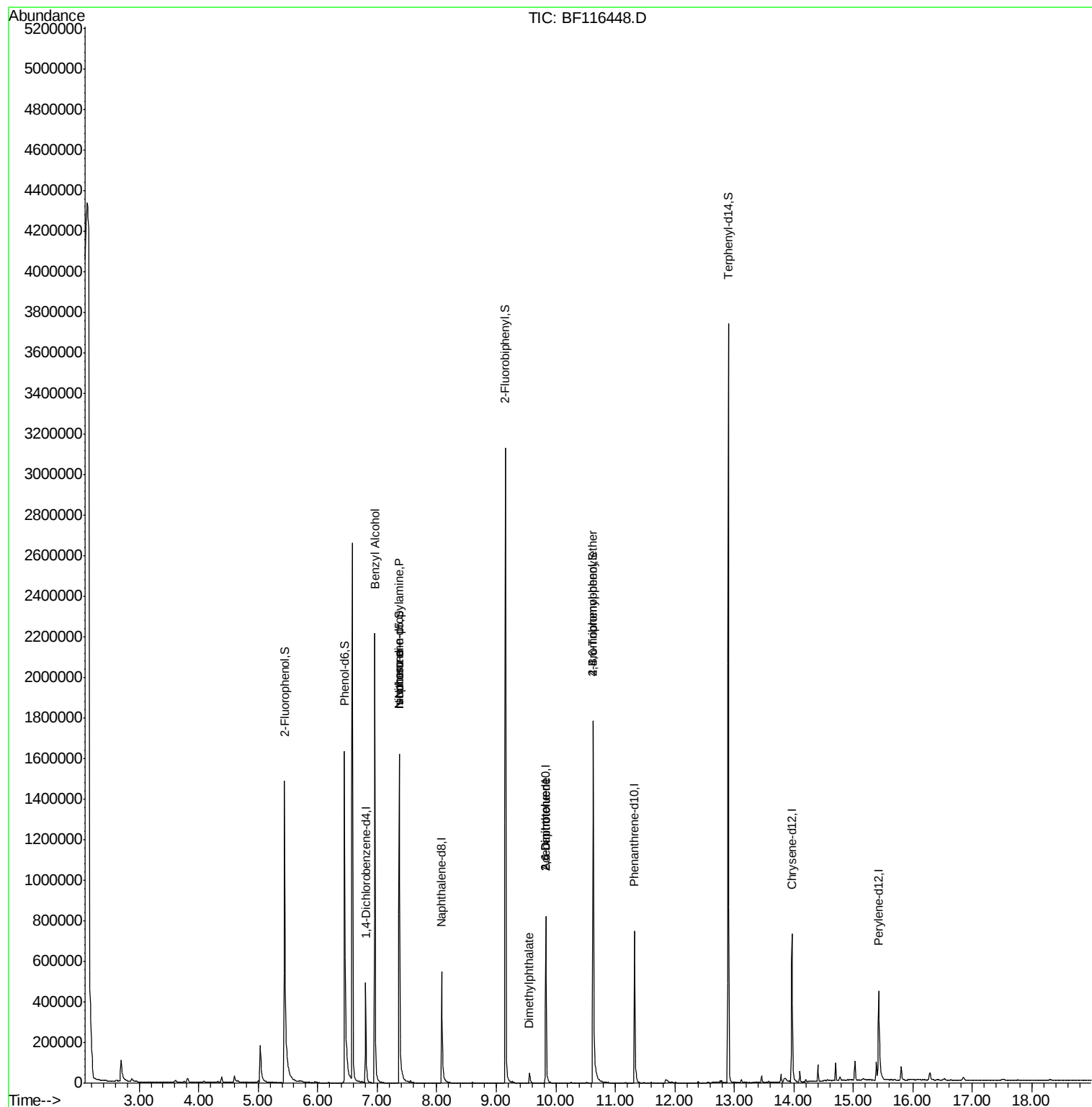
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	83444	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	316554	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	172207	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	330426	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	283842	20.00	ng	-0.01
87) Perylene-d12	15.42	264	286217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	677401	135.90	ng	0.00
7) Phenol-d6	6.45	99	804494	127.92	ng	-0.01
23) Nitrobenzene-d5	7.37	82	622054	113.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	277928	166.46	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1108681	120.59	ng	-0.01
79) Terphenyl-d14	12.90	244	1415398	105.08	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	10219	2.141	ng	# 46
19) n-Nitroso-di-n-propylamine	7.37	70	80529	20.664	ng	# 79
25) Isophorone	7.37	82	622054	59.321	ng	# 65
50) Dimethylphthalate	9.56	163	31681	2.702	ng	100
51) 2,6-Dinitrotoluene	9.83	165	21787	8.550	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	21787	6.422	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	16847	4.763	ng	# 1

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

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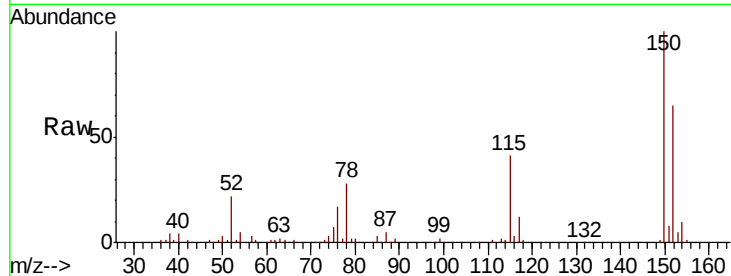


#1

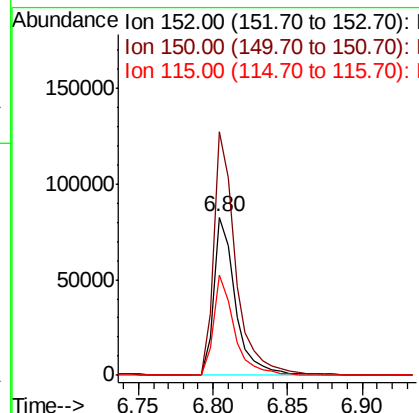
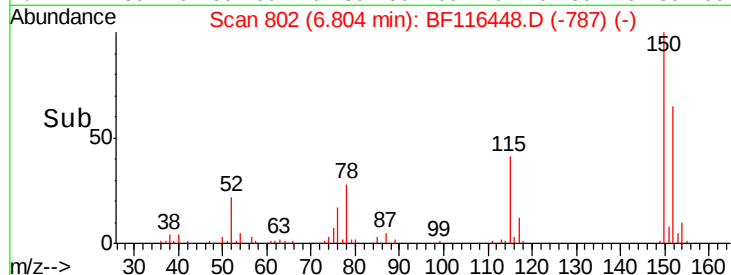
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83444
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 63.4 49.9 74.9



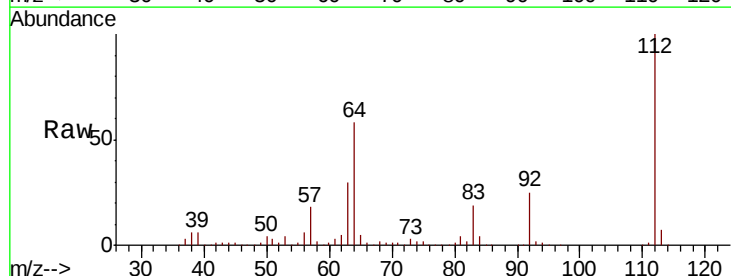
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



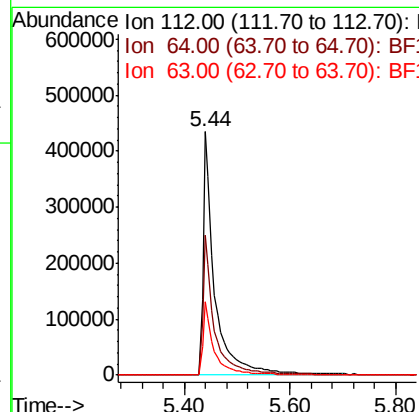
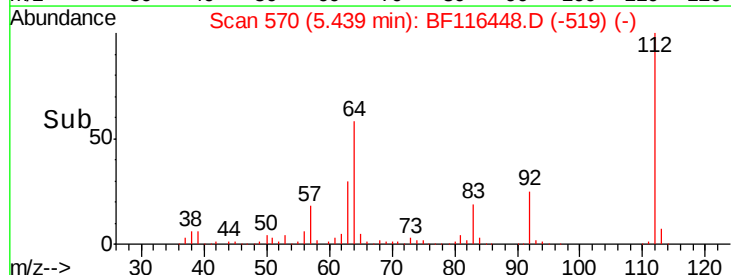
#5

2-Fluorophenol
Concen: 135.901 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Tgt Ion:112 Resp: 677401
Ion Ratio Lower Upper
112 100
64 57.7 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: 127.924 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116448.D

Acq: 20 Aug 2019 23:34

Instrument :

BNA_F

ClientSampleId :

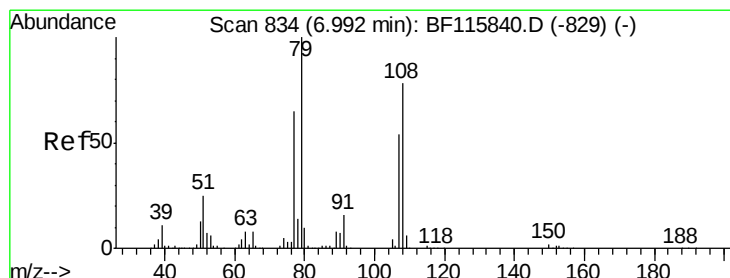
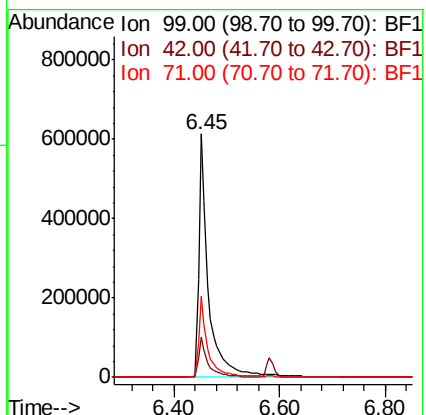
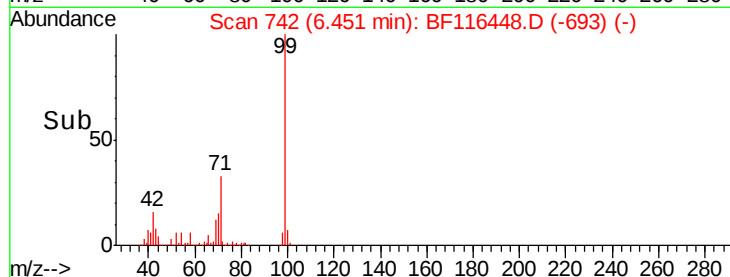
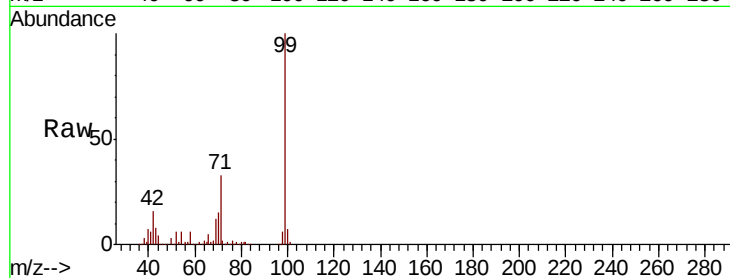
Tot Ion: 99 Resp: 804494

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

71 33.3 27.3 40.9



#15

Benzyl Alcohol

Concen: 2.141 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116448.D

Acq: 20 Aug 2019 23:34

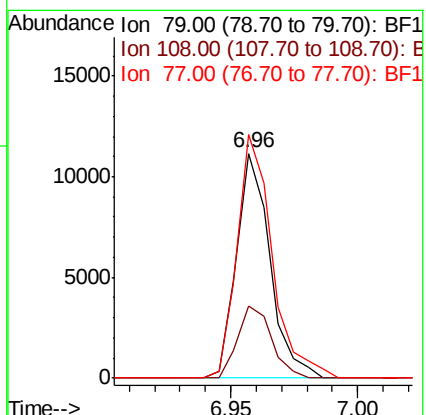
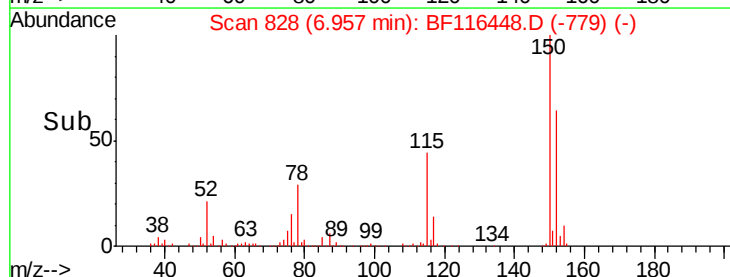
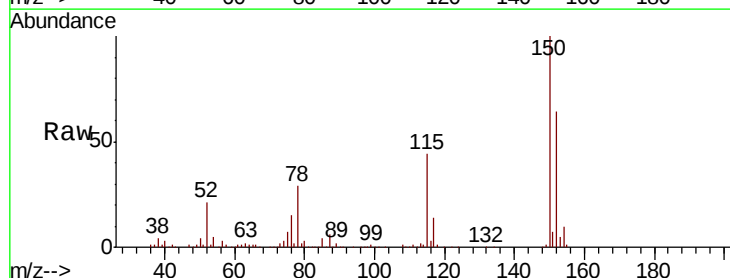
Tgt Ion: 79 Resp: 10219

Ion Ratio Lower Upper

79 100

108 32.1 62.7 94.1#

77 108.3 52.2 78.2#

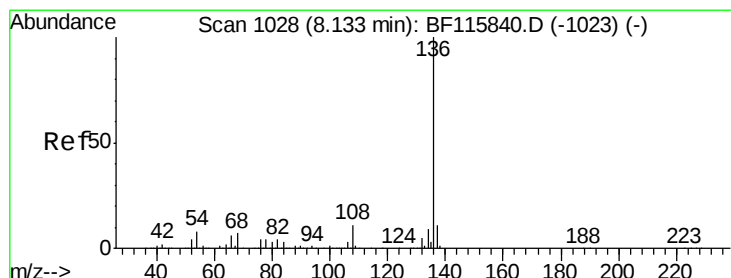
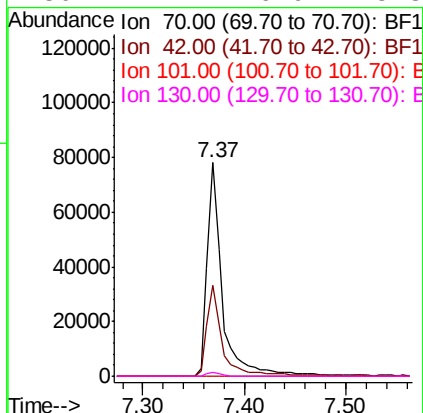
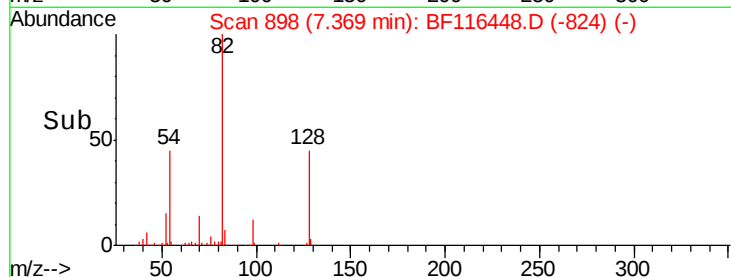
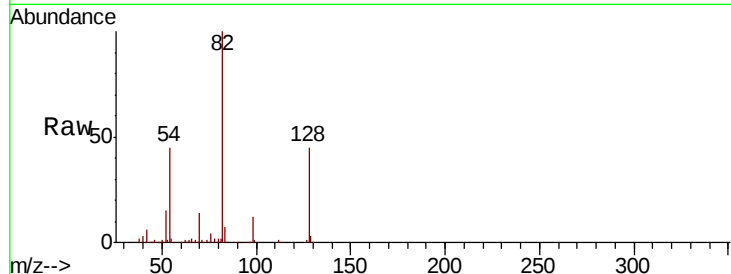




#19
n-Nitroso-di-n-propylamine
Concen: 20.664 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

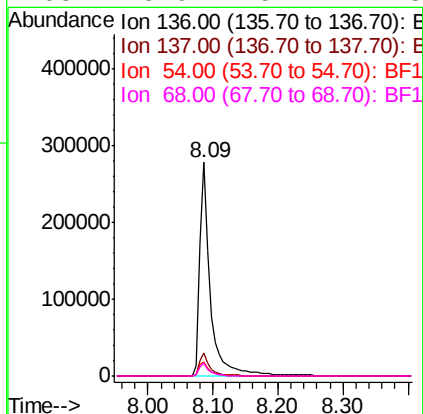
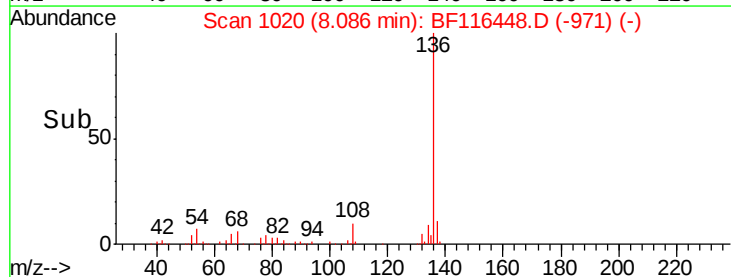
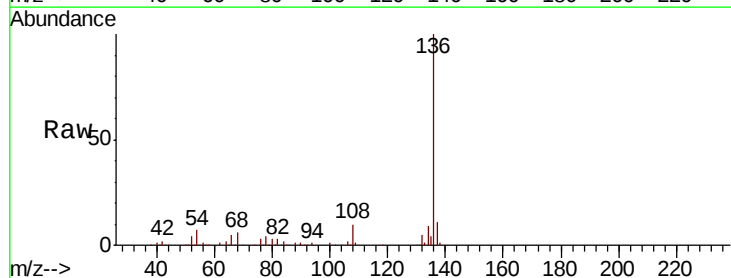
Instrument :
BNA_F
ClientSampleId :

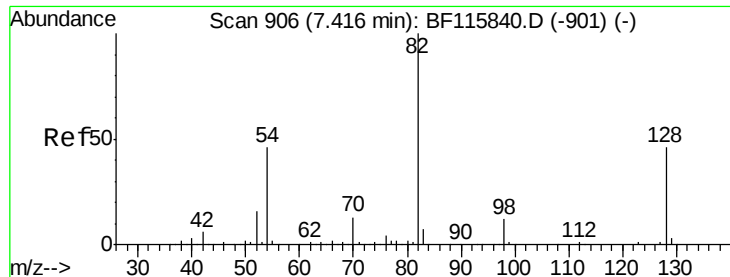
Tot Ion: 70 Resp: 80529
Ion Ratio Lower Upper
70 100
42 42.7 40.9 61.3
101 0.0 7.9 11.9#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Tgt Ion: 136 Resp: 316554
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.8 5.8 8.6
68 5.9 5.2 7.8

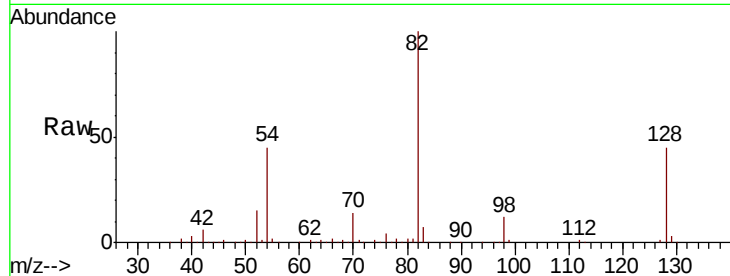




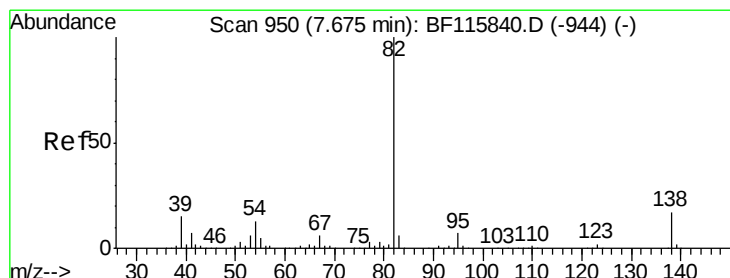
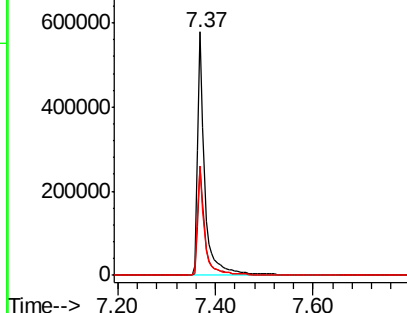
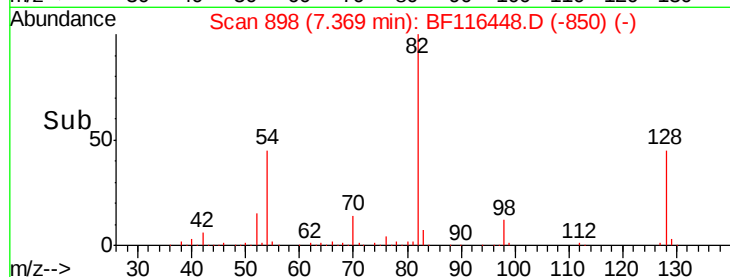
#23
Nitrobenzene-d5
Concen: 113.431 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 622054
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 44.9 36.0 54.0

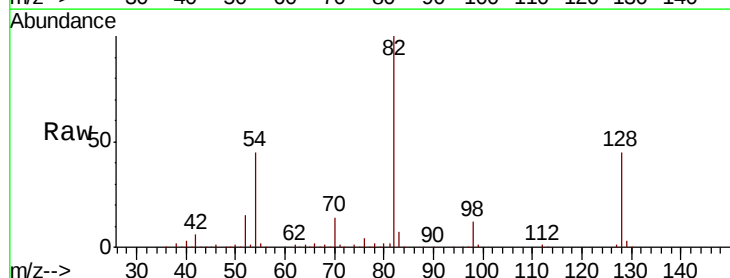


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

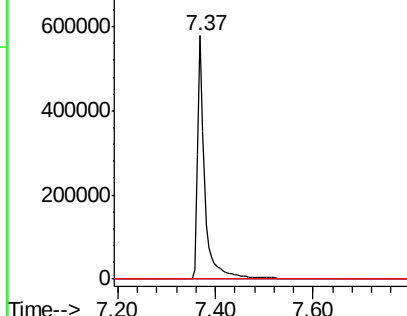
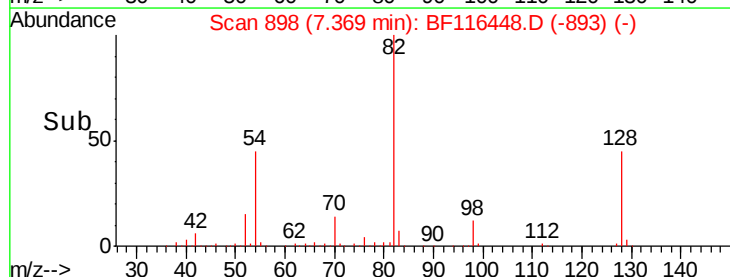


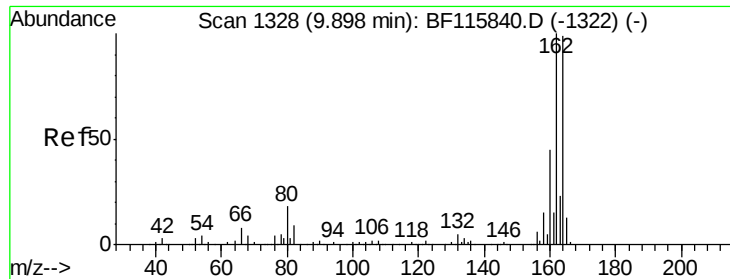
#25
Isophorone
Concen: 59.321 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Tgt Ion: 82 Resp: 622054
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

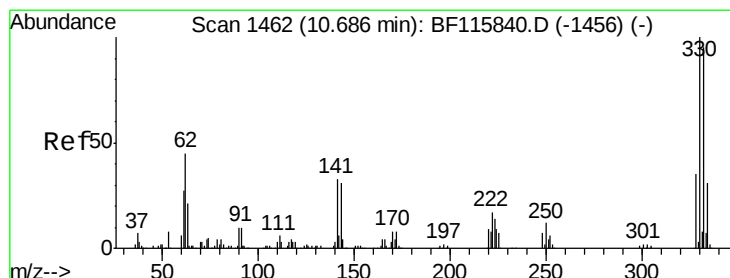
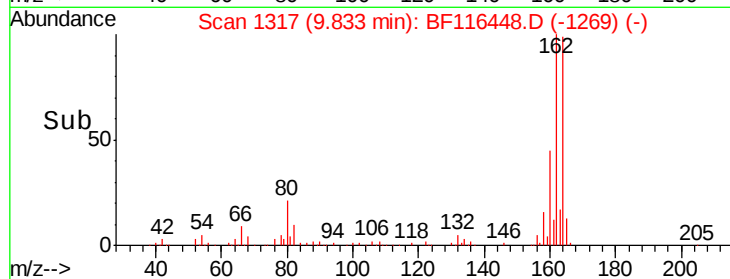
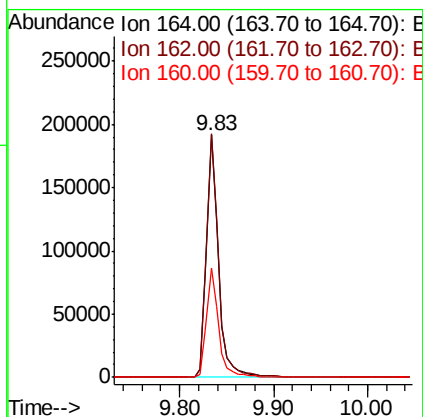
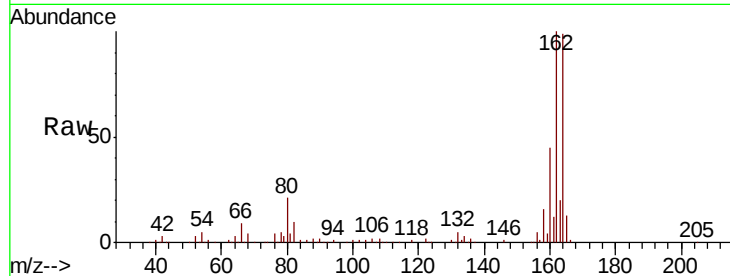




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

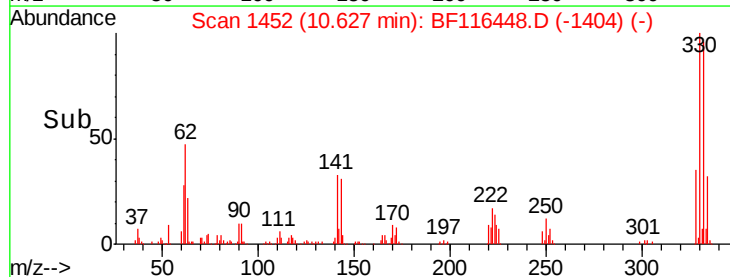
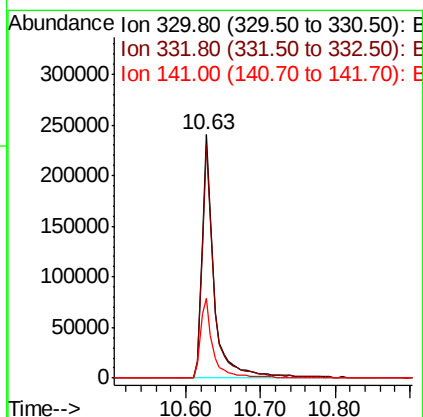
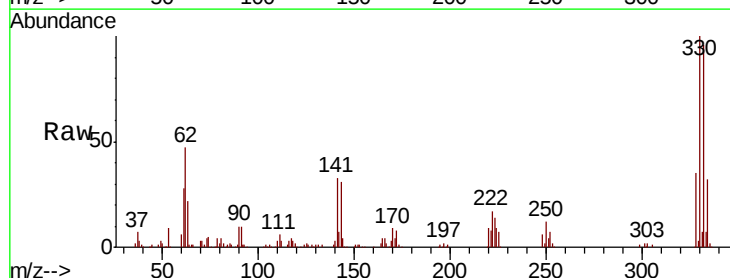
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 172207
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 45.2 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 166.464 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

Tgt Ion:330 Resp: 277928
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 35.0 26.3 39.5

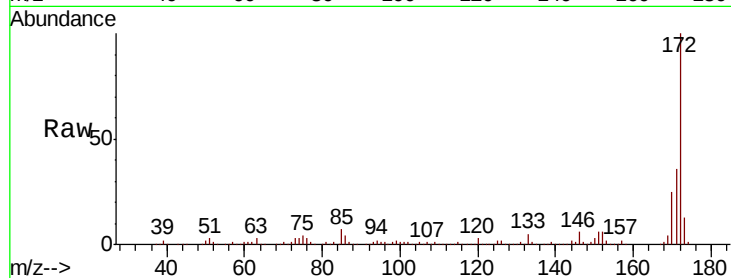




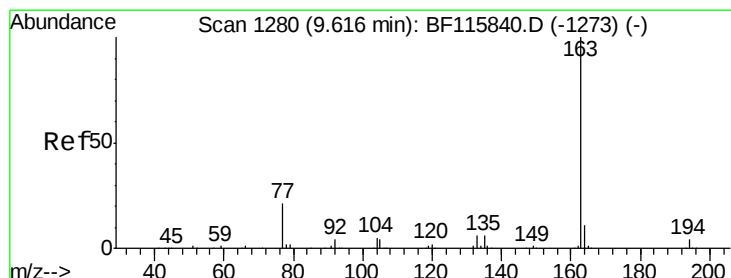
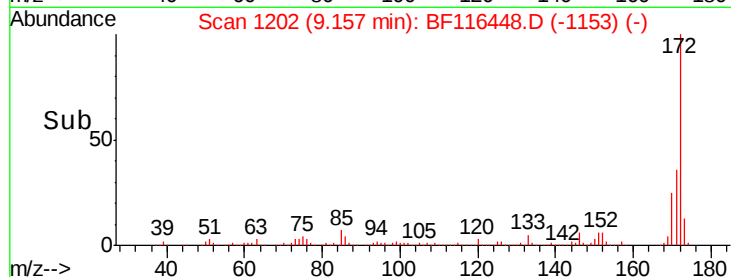
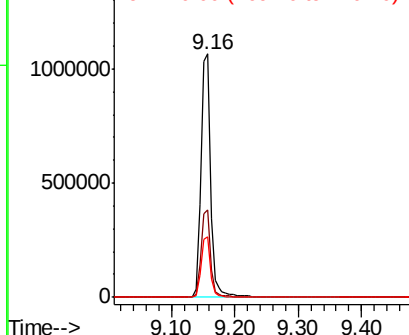
#45
2-Fluorobiphenyl
Concen: 120.590 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1108681
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 25.1 20.1 30.1

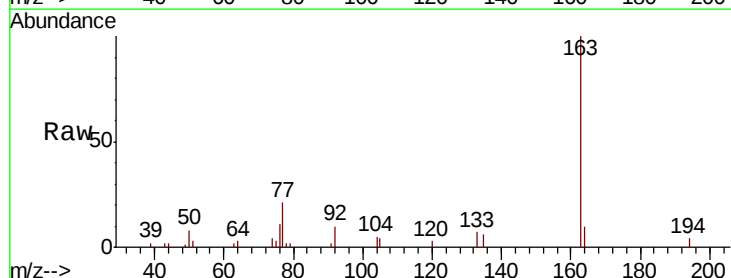


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

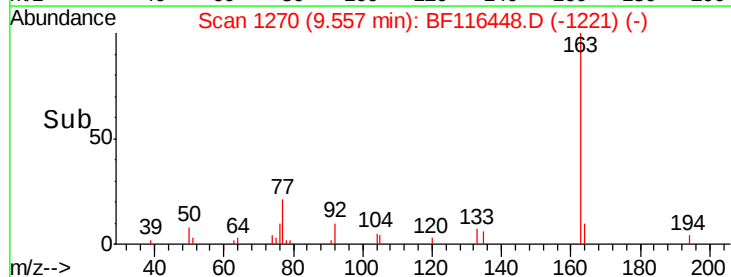
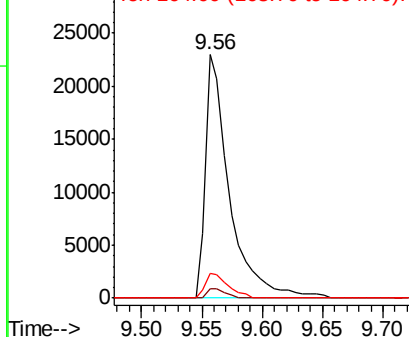


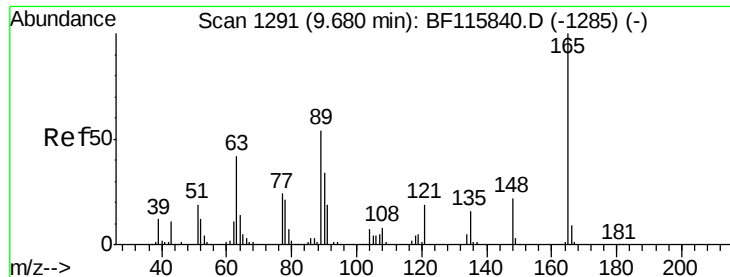
#50
Dimethylphthalate
Concen: 2.702 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116448.D
Acq: 20 Aug 2019 23:34

Tgt Ion:163 Resp: 31681
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.550 ng

RT: 9.83 min Scan# 1317

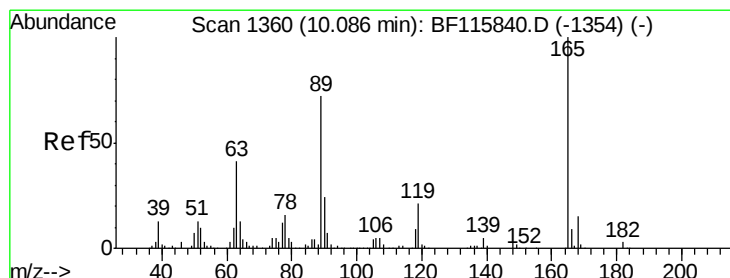
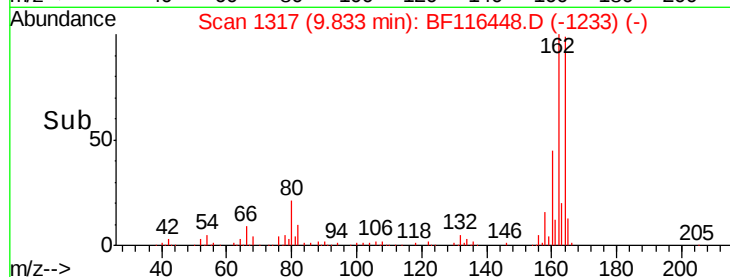
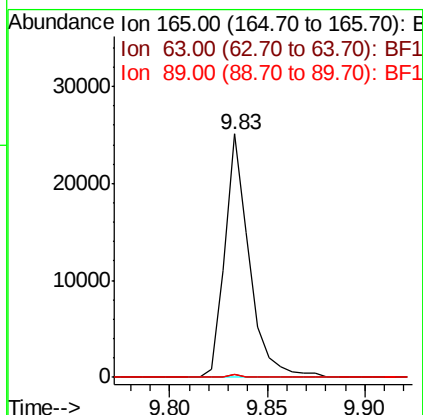
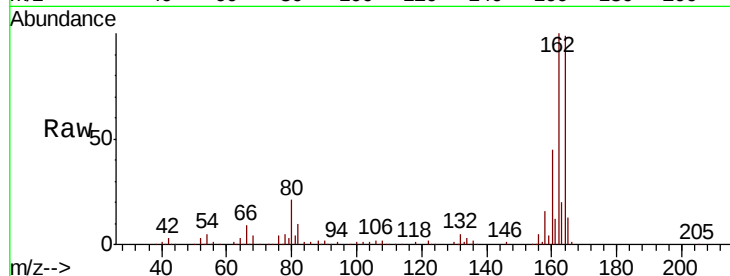
Delta R.T. 0.19 min

Lab File: BF116448.D

Acq: 20 Aug 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	21787
Ion Ratio	Lower	Upper
165	100	
63	1.3	38.2 57.2#
89	1.2	42.9 64.3#



#57

2,4-Dinitrotoluene

Concen: 6.422 ng

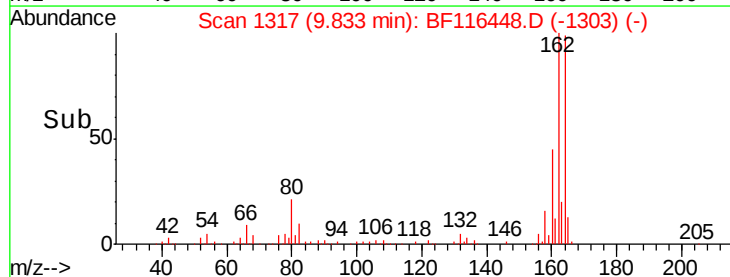
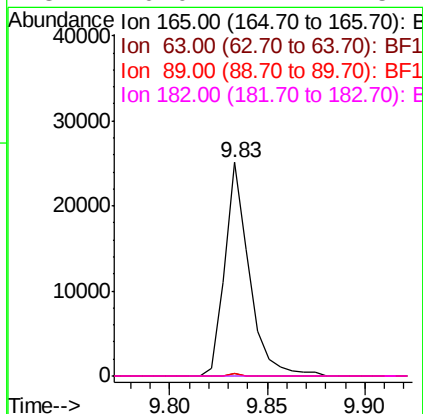
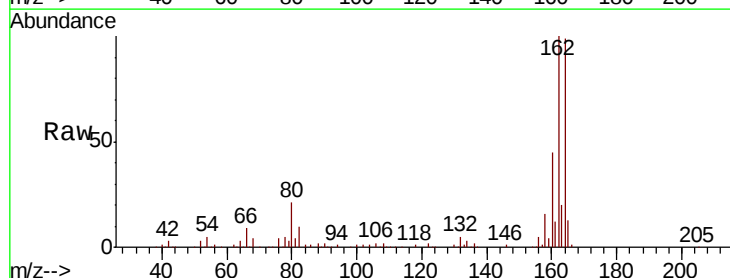
RT: 9.83 min Scan# 1317

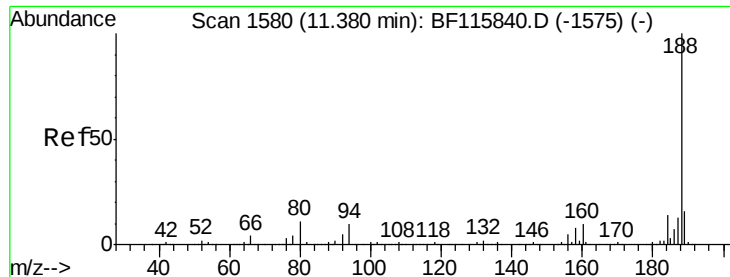
Delta R.T. -0.22 min

Lab File: BF116448.D

Acq: 20 Aug 2019 23:34

Tgt Ion:165	Resp:	21787
Ion Ratio	Lower	Upper
165	100	
63	1.3	39.6 59.4#
89	1.2	62.2 93.2#
182	0.0	2.1 3.1#

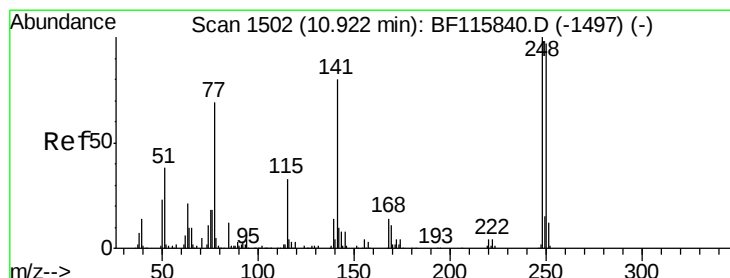
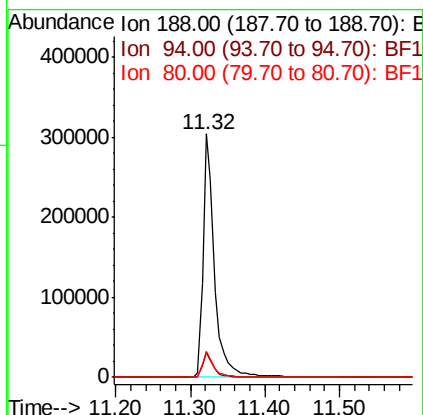
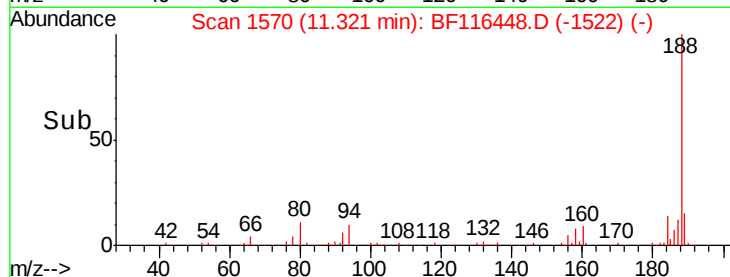
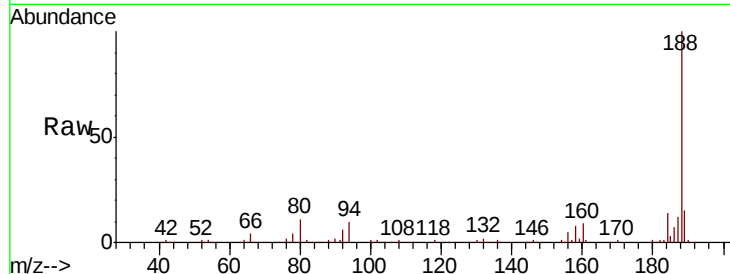




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

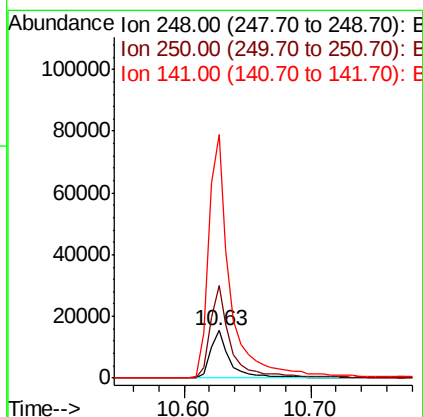
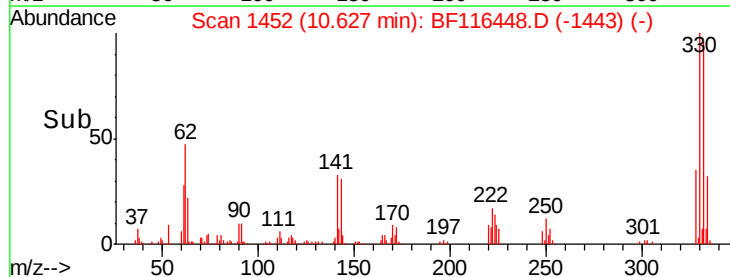
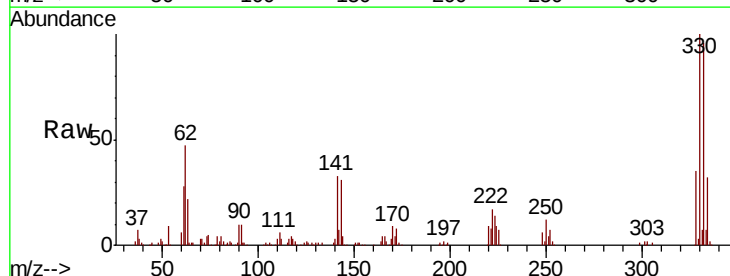
Instrument :
 BNA_F
 ClientSampleId :

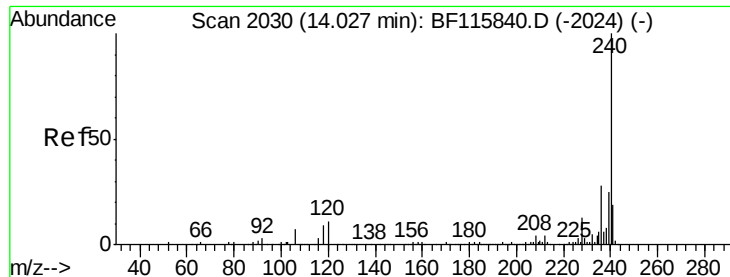
Tot Ion:188 Resp: 330426
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.1 12.1
 80 10.9 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.763 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

Tgt Ion:248 Resp: 16847
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.4 116.2#
 141 514.6 56.8 85.2#

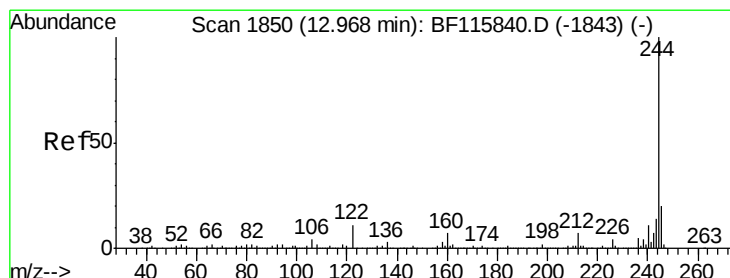
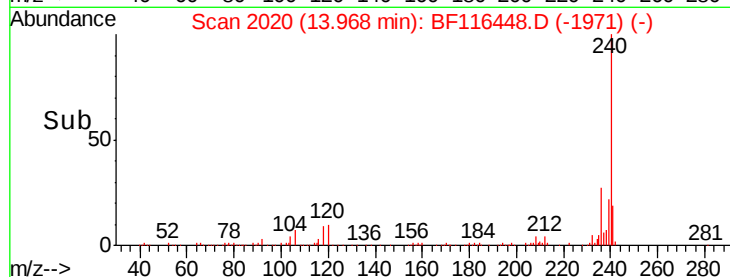
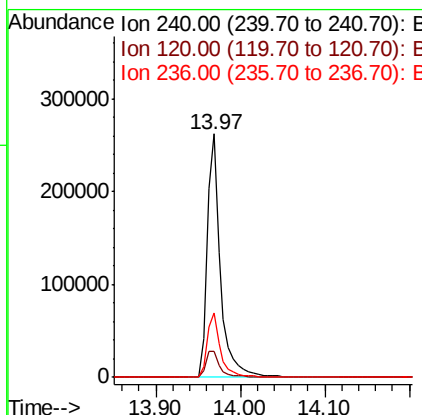
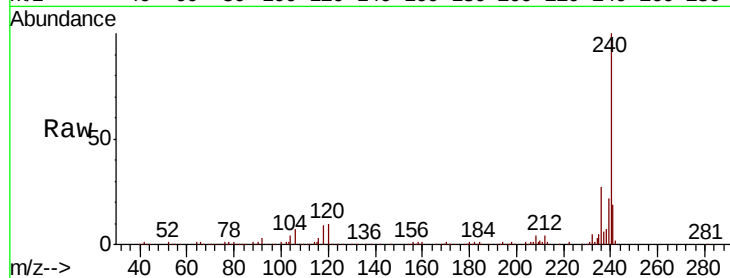




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

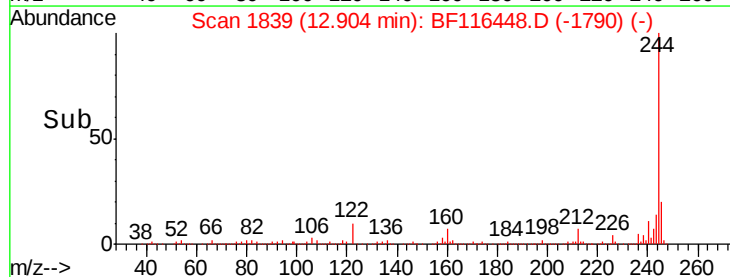
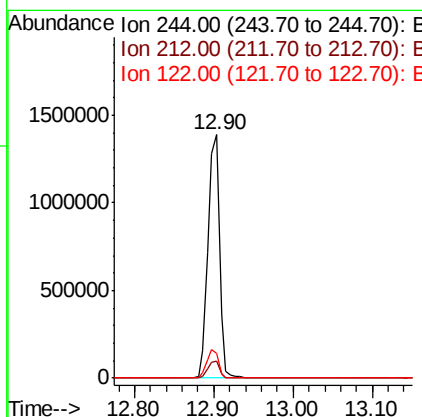
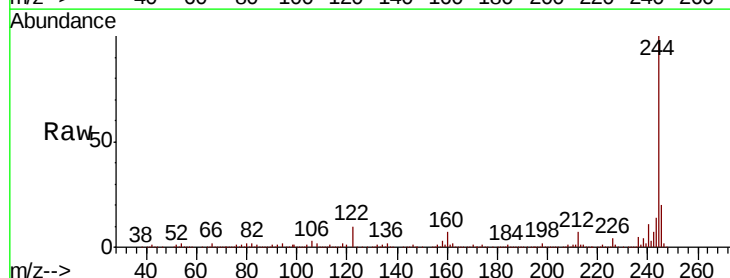
Instrument :
 BNA_F
 ClientSampleId :

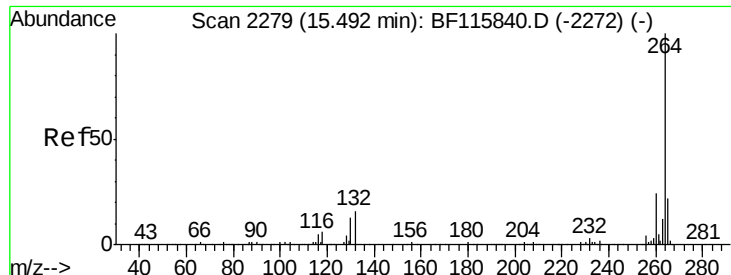
Tot Ion:240 Resp: 283842
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.7 16.1#
 236 26.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 105.075 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

Tgt Ion:244 Resp: 1415398
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.3 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116448.D
 Acq: 20 Aug 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	286217
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.4	26.0

