

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116382.D
 Acq On : 19 Aug 2019 10:53
 Operator : HP/JU
 Sample : PB122335BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

Quant Time: Aug 19 16:15:56 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

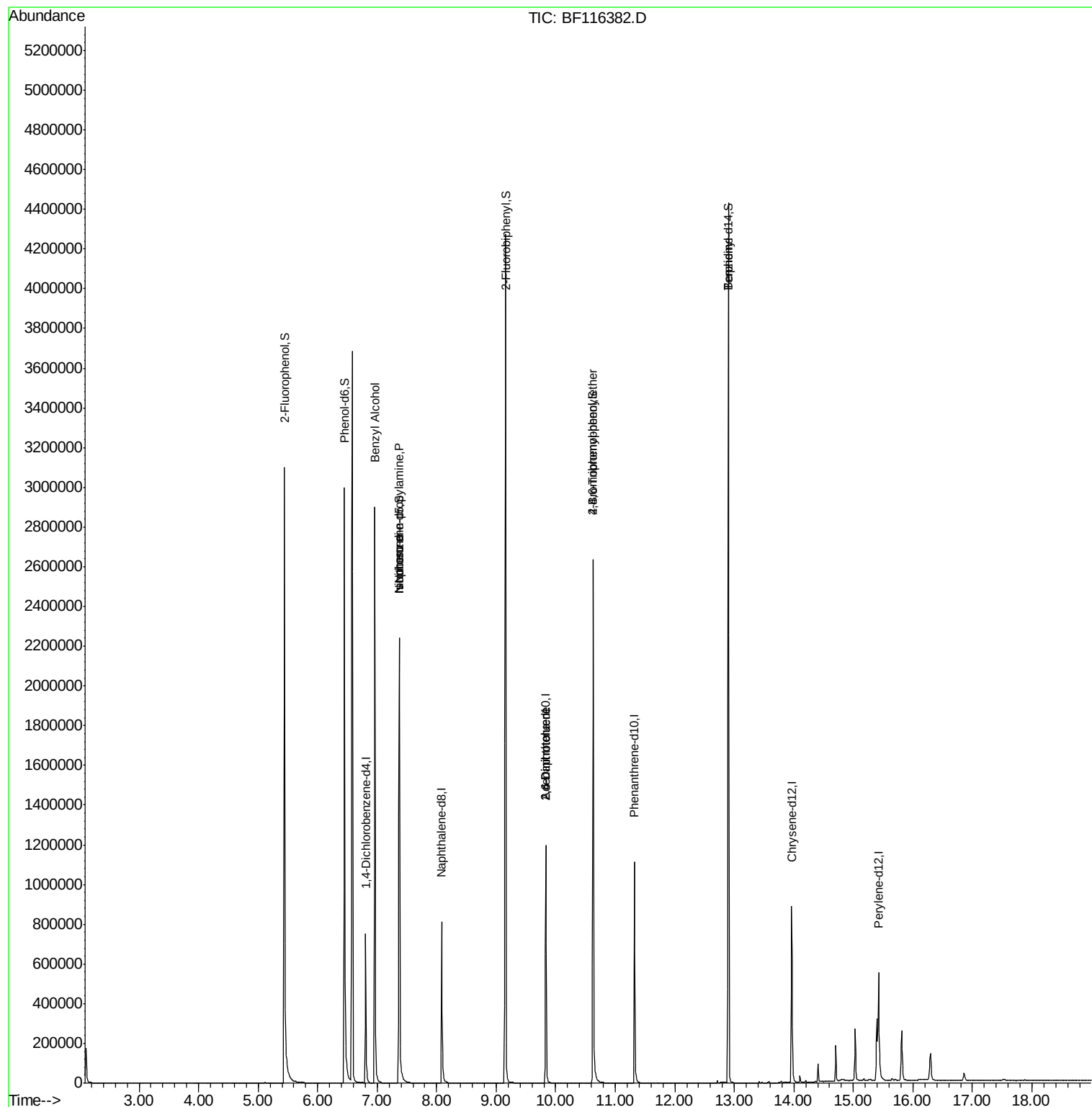
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121555	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	458276	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	242796	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	442244	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	323389	20.00	ng	-0.02
87) Perylene-d12	15.42	264	308249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1060111	146.00	ng	0.00
7) Phenol-d6	6.45	99	1377880	150.40	ng	-0.01
23) Nitrobenzene-d5	7.37	82	889361	112.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	363429	154.39	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1459312	112.58	ng	-0.01
79) Terphenyl-d14	12.90	244	1660770	108.21	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	14417	2.074	ng	# 47
19) n-Nitroso-di-n-propylamine	7.37	70	116615	20.542	ng	# 80
25) Isophorone	7.37	82	889356	58.584	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	31073	8.649	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	31073	6.496	ng	# 19
67) 4-Bromophenyl-phenylether	10.63	248	21607	4.564	ng	# 1
77) Benzidine	12.90	184	22010	2.015	ng	# 97

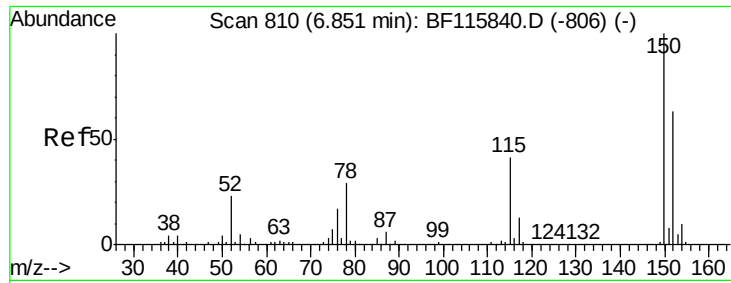
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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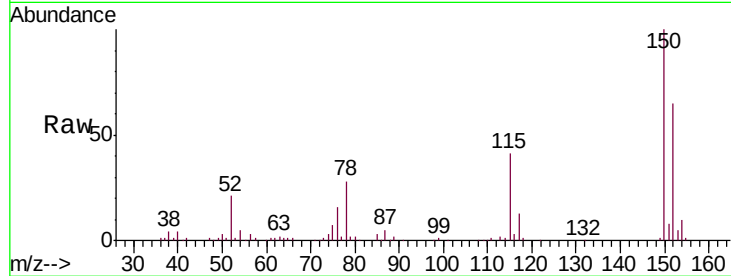


#1

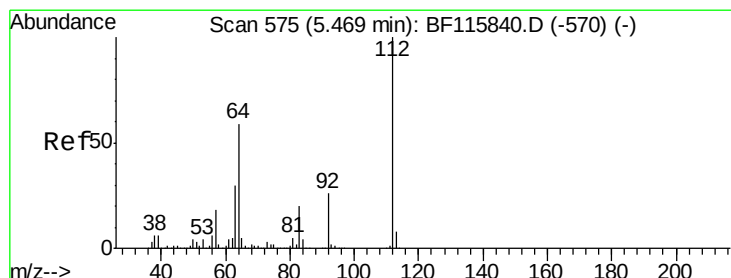
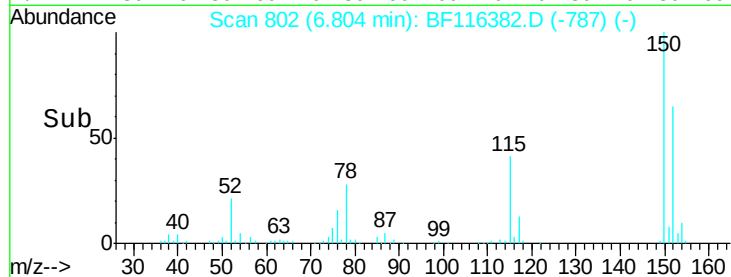
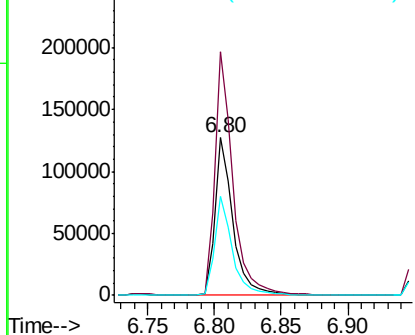
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB122335BL

Tgt Ion:152 Resp: 121555
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 62.7 49.9 74.9



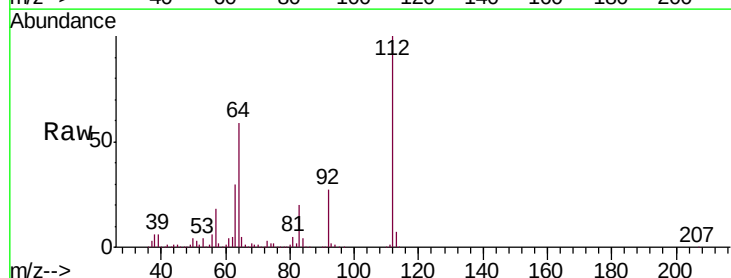
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



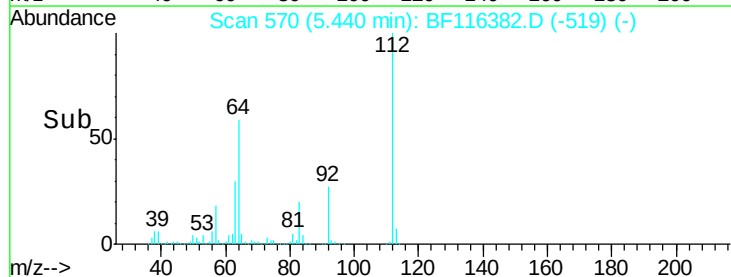
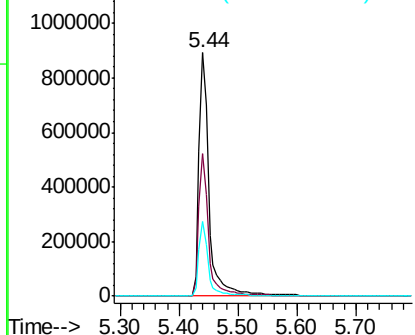
#5

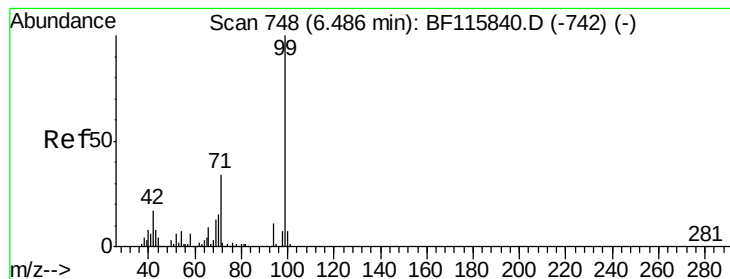
2-Fluorophenol
Concen: 145.999 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Tgt Ion:112 Resp: 1060111
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.2
63 30.5 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: 150.405 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB122335BL

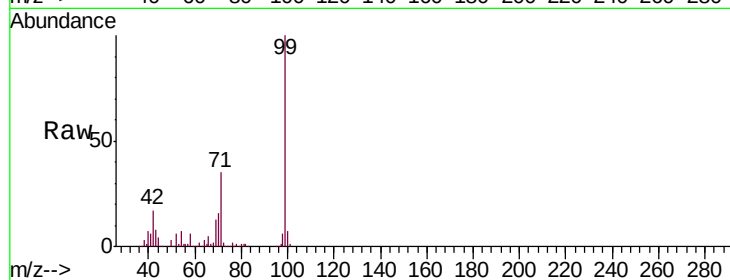
Tgt Ion: 99 Resp: 1377880

Ion Ratio Lower Upper

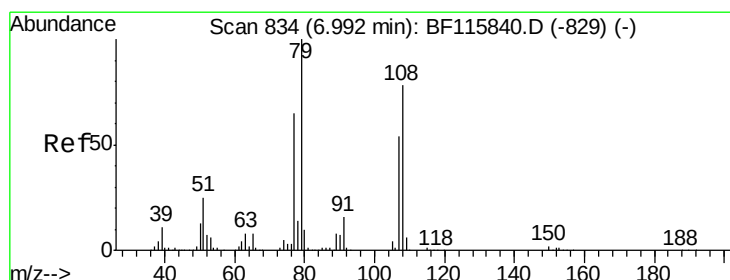
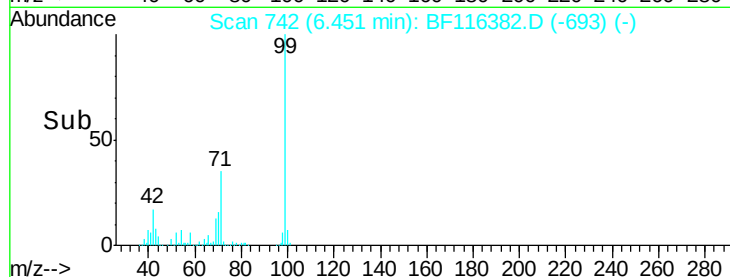
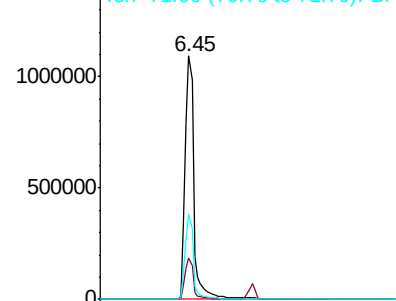
99 100

42 17.0 13.8 20.8

71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.074 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

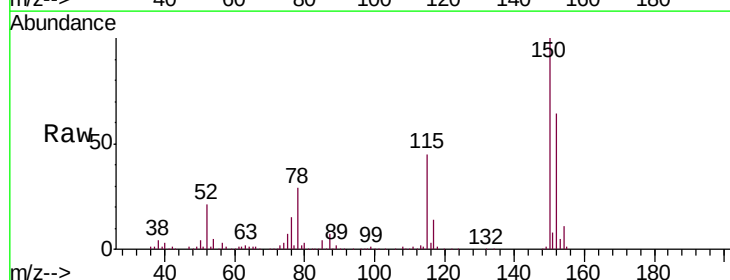
Tgt Ion: 79 Resp: 14417

Ion Ratio Lower Upper

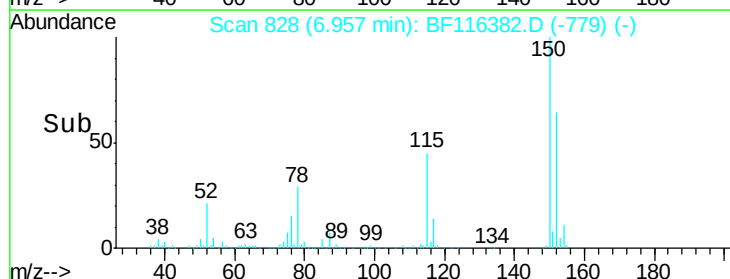
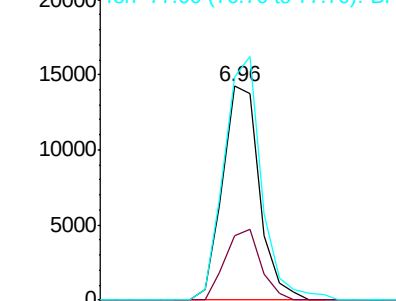
79 100

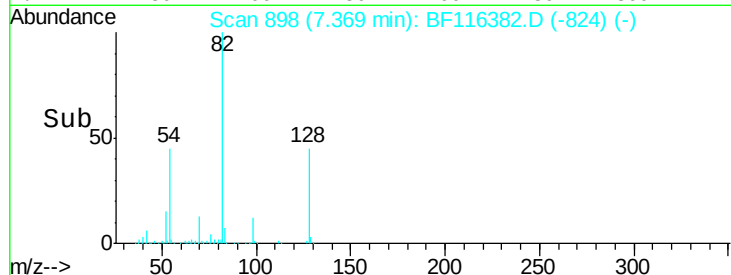
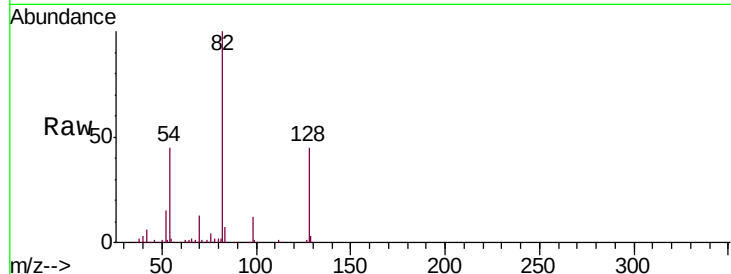
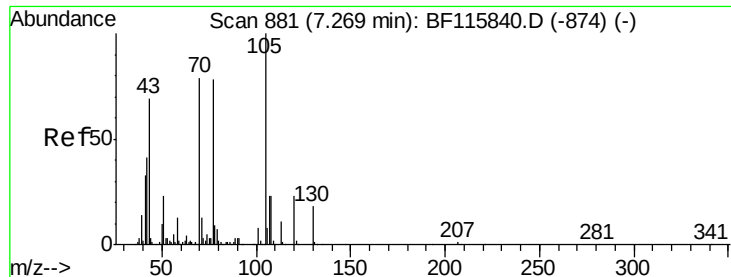
108 30.0 62.7 94.1#

77 104.7 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
20000
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

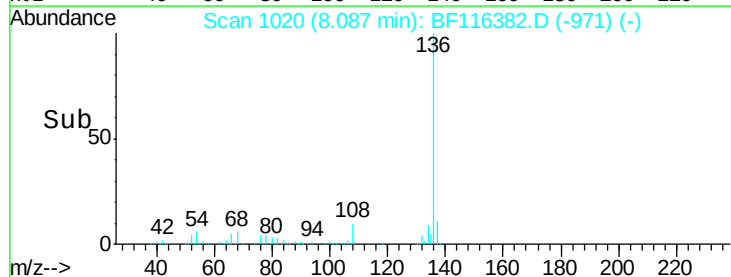
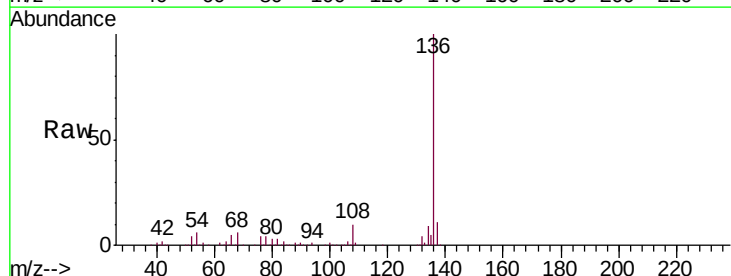
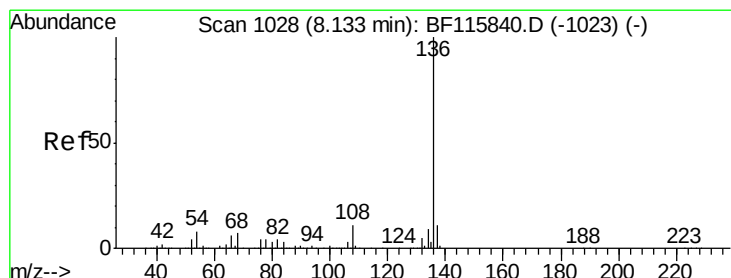
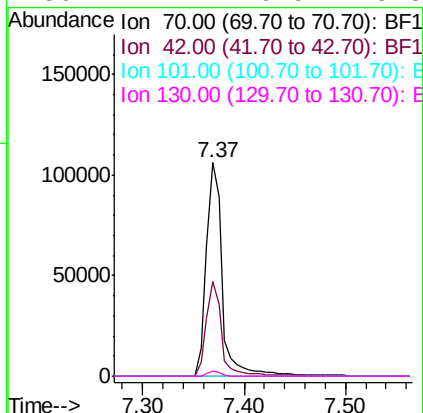




#19
n-Nitroso-di-n-propylamine
Concen: 20.542 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

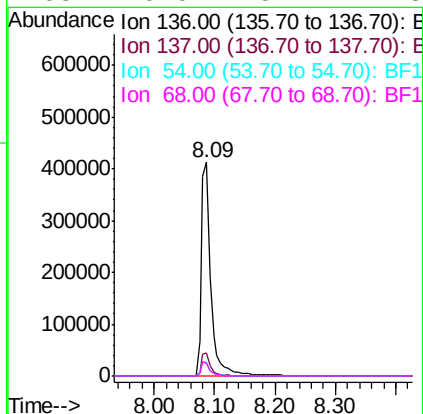
Instrument :
BNA_F
ClientSampleId :
PB122335BL

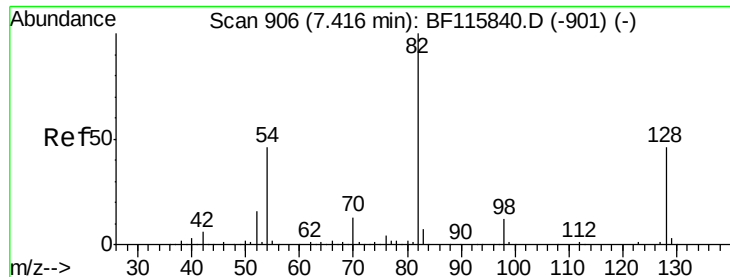
Tgt Ion: 70 Resp: 116615
Ion Ratio Lower Upper
70 100
42 44.1 40.9 61.3
101 0.0 7.9 11.9#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Tgt Ion: 136 Resp: 458276
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 5.8 8.6
68 6.0 5.2 7.8

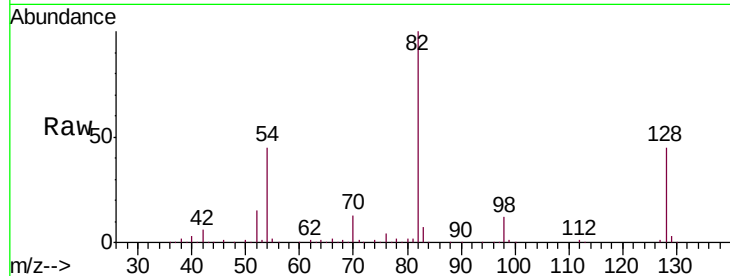




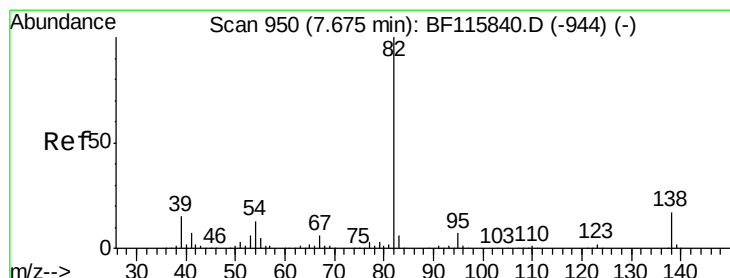
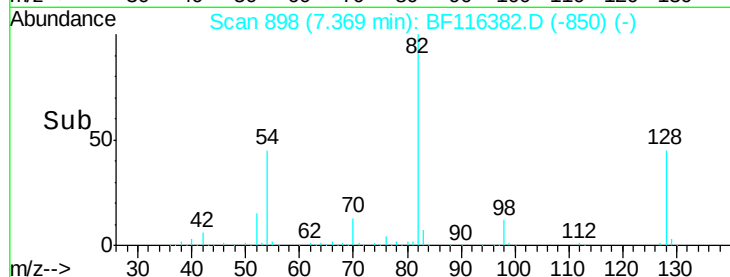
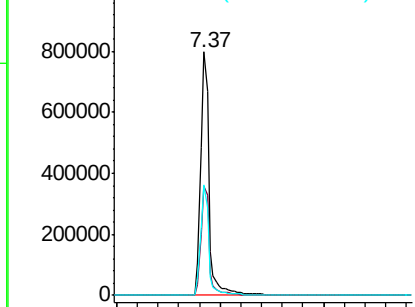
#23
 Nitrobenzene-d5
 Concen: 112.021 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

Tgt Ion: 82 Resp: 889361
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.5 54.7
 54 45.2 36.0 54.0

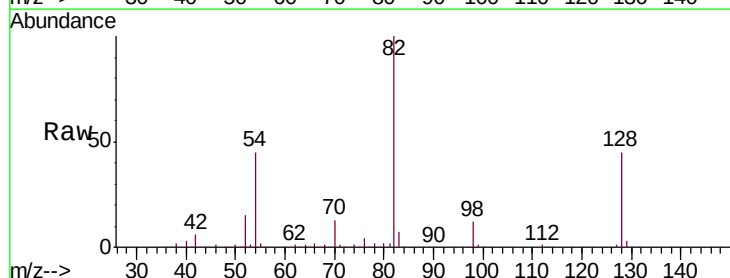


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

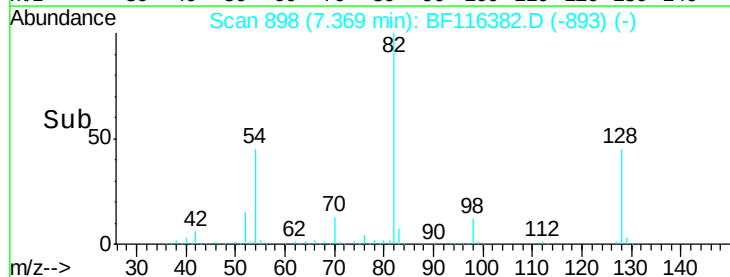
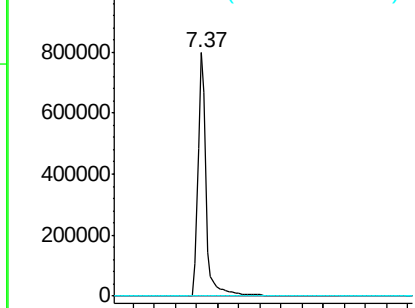


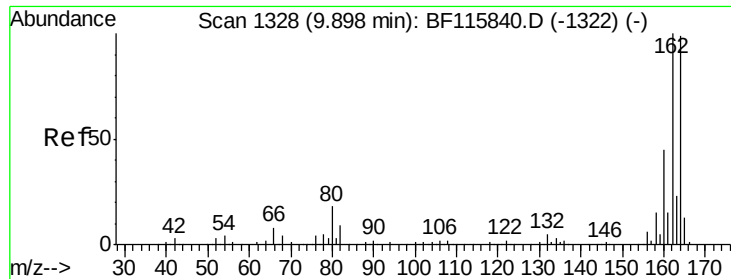
#25
 Isophorone
 Concen: 58.584 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion: 82 Resp: 889356
 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: BF116382.D

Acq: 19 Aug 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB122335BL

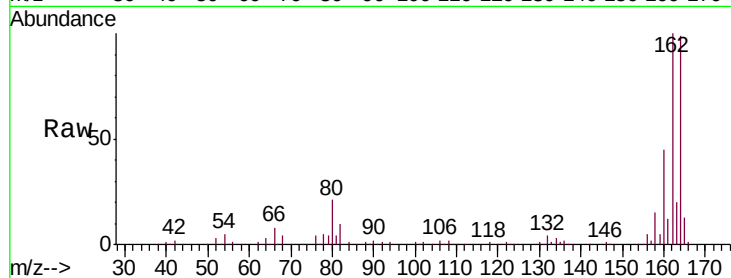
Tgt Ion:164 Resp: 242796

Ion Ratio Lower Upper

164 100

162 100.9 82.6 124.0

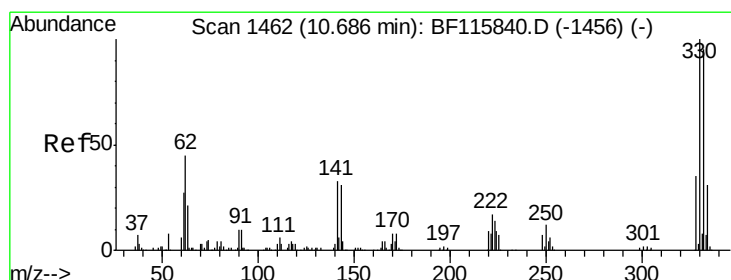
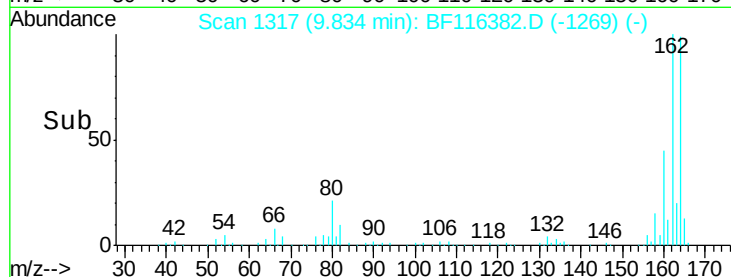
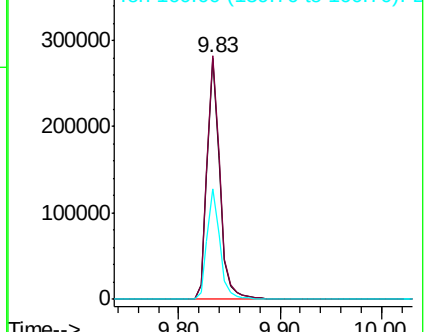
160 45.6 37.6 56.4



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: 154.390 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

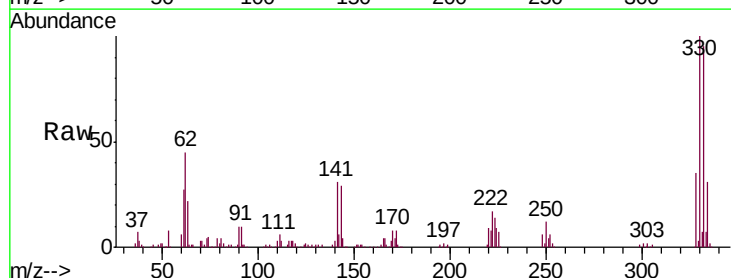
Tgt Ion:330 Resp: 363429

Ion Ratio Lower Upper

330 100

332 94.4 76.8 115.2

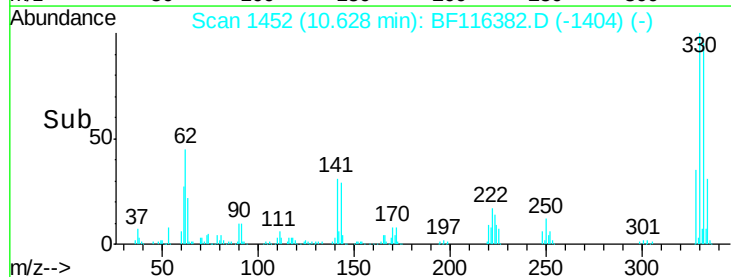
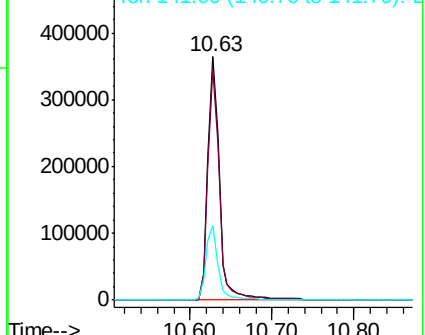
141 32.6 26.3 39.5

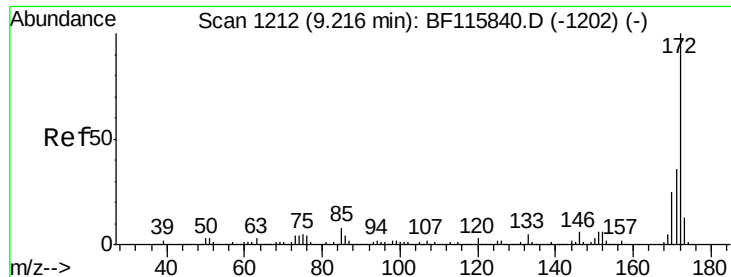


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

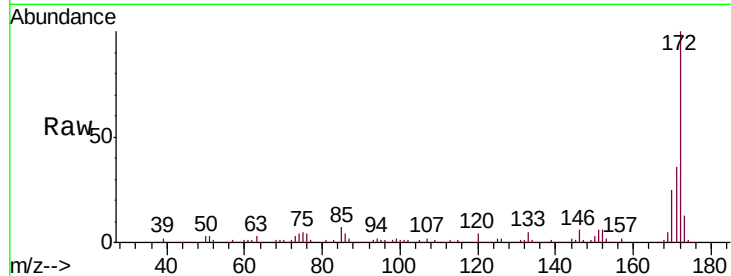




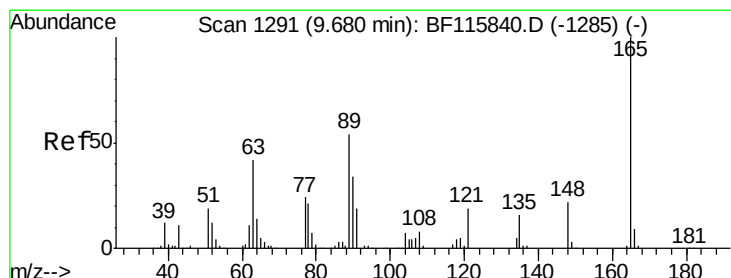
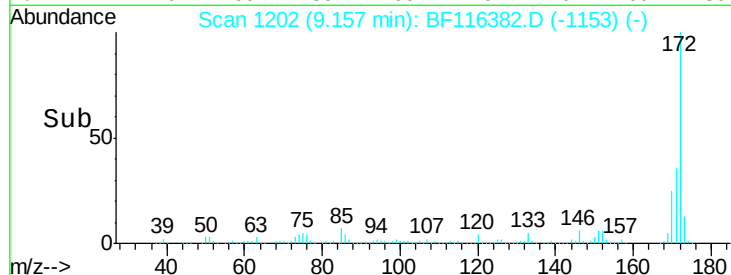
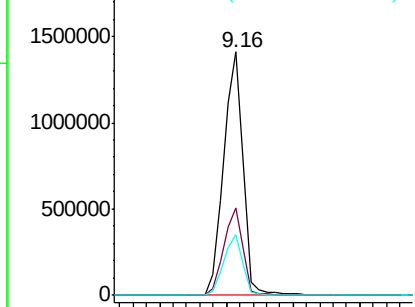
#45
 2-Fluorobiphenyl
 Concen: 112.580 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Instrument :
 BNA_F
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 PB122335BL

Tgt Ion:172 Resp: 1459312
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.9 20.1 30.1

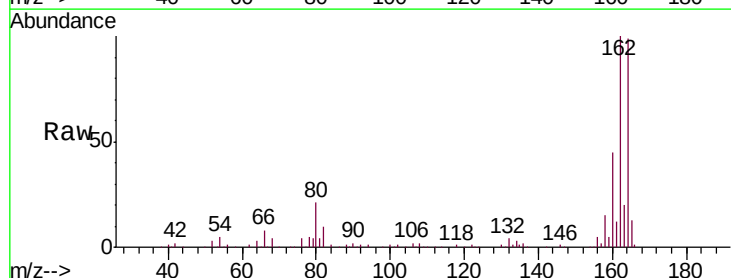


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

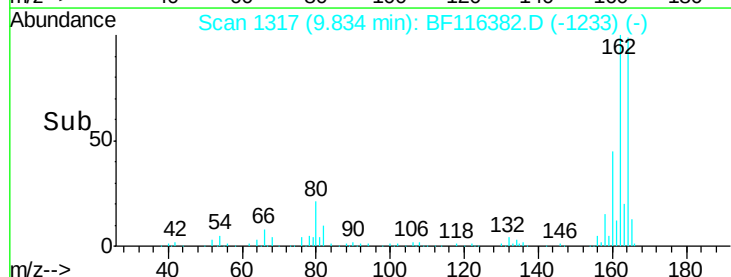
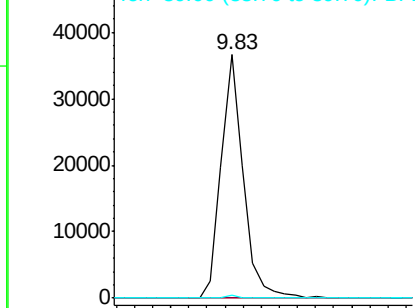


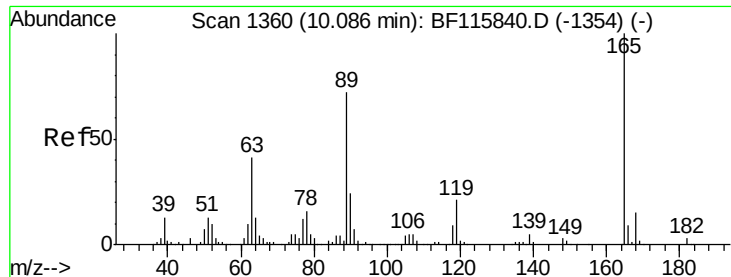
#51
 2,6-Dinitrotoluene
 Concen: 8.649 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion:165 Resp: 31073
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

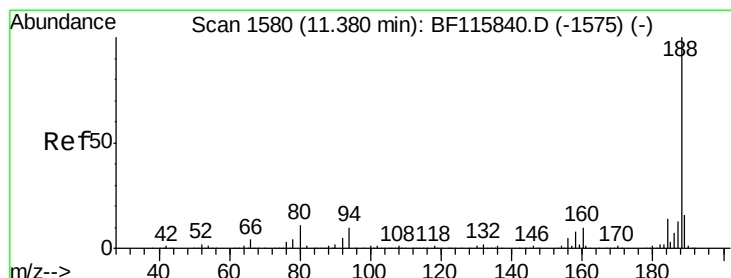
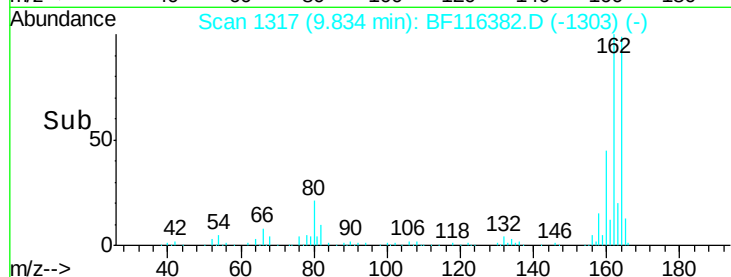
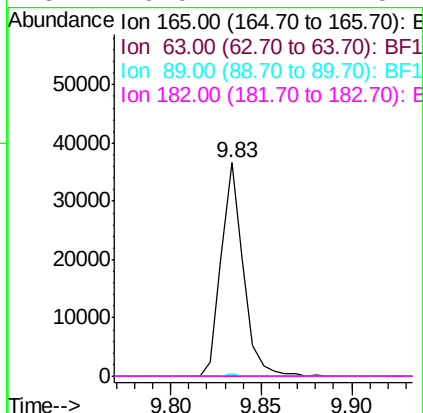
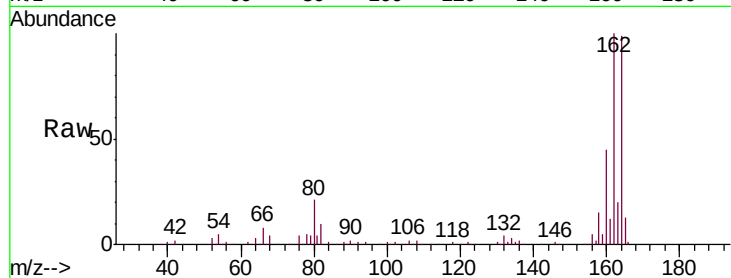




#57
 2,4-Dinitrotoluene
 Concen: 6.496 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

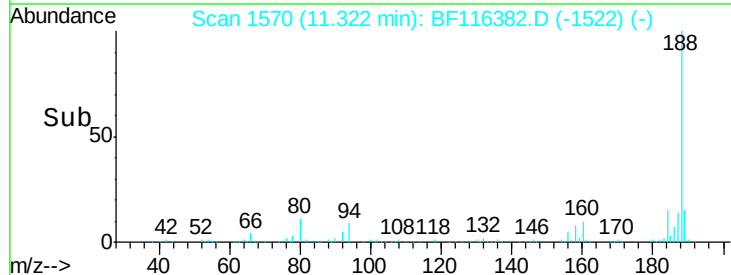
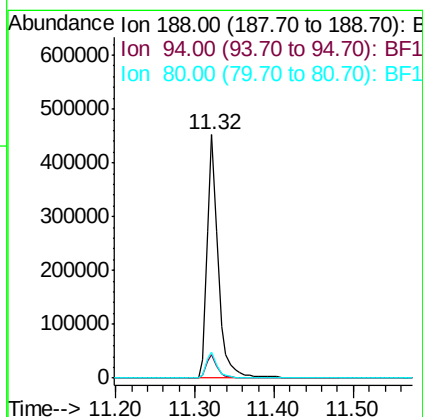
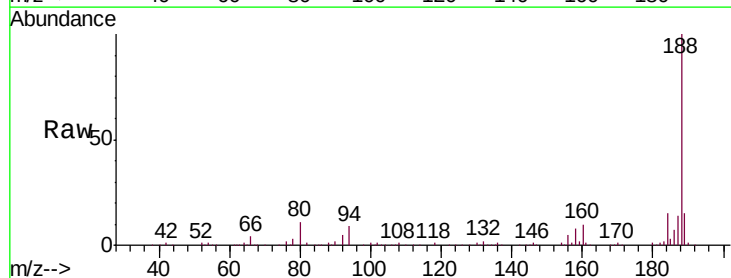
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

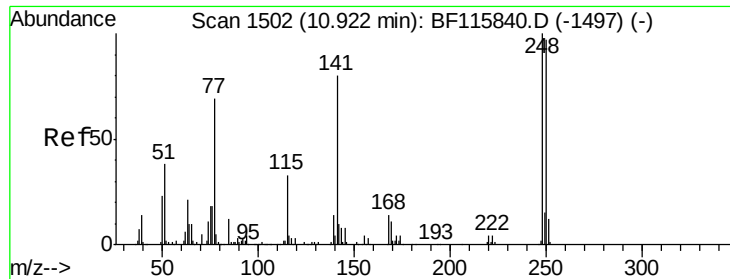
Tgt Ion:	165	Resp:	31073
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion:	188	Resp:	442244
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.9	8.7	13.1

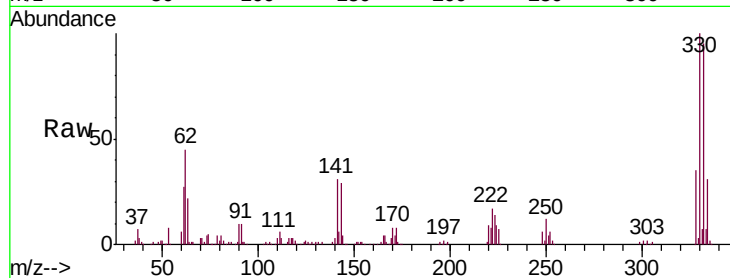




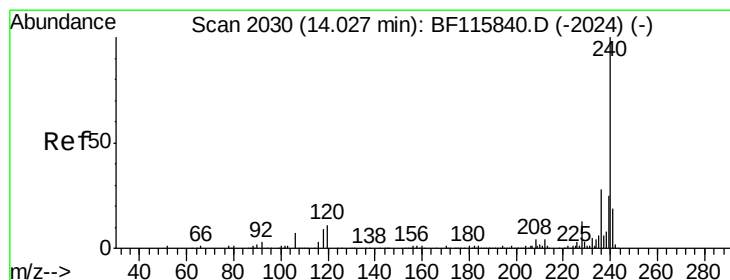
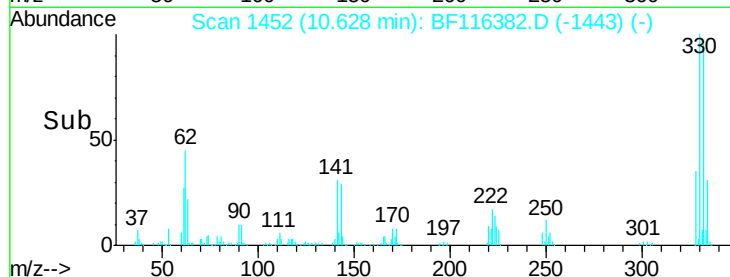
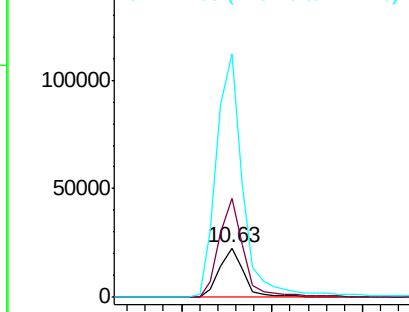
#67
 4-Bromophenyl-phenylether
 Concen: 4.564 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Instrument :
 BNA_F
 ClientSampled :
 PB122335BL

Tgt Ion: 248 Resp: 21607
 Ion Ratio Lower Upper
 248 100
 250 198.5 77.4 116.2#
 141 489.9 56.8 85.2#

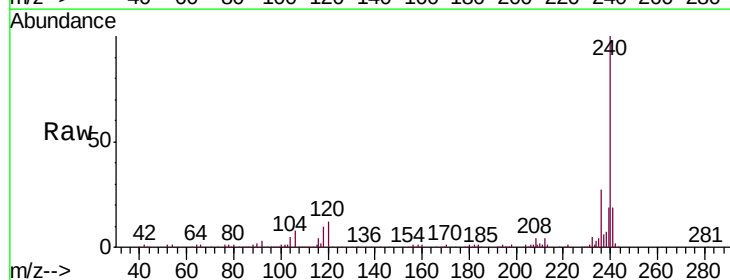


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

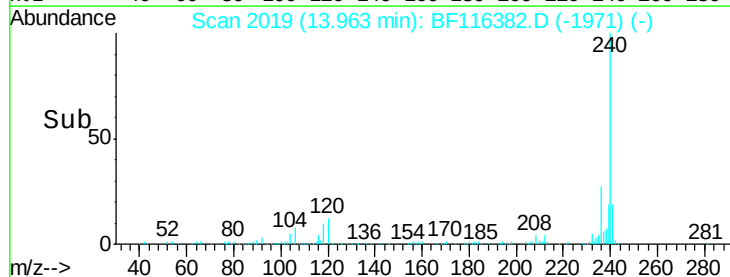
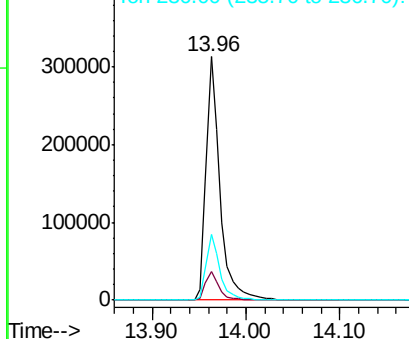


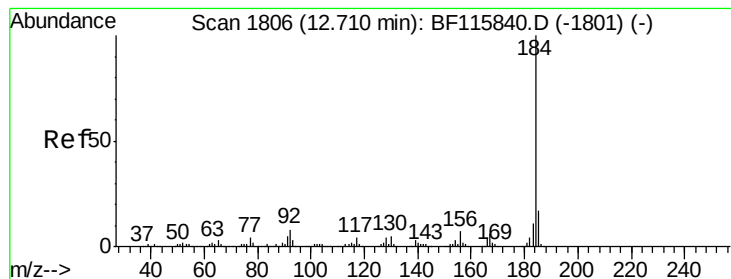
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion: 240 Resp: 323389
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.7 16.1
 236 26.9 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





#77

Benzidine

Concen: 2.015 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.23 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB122335BL

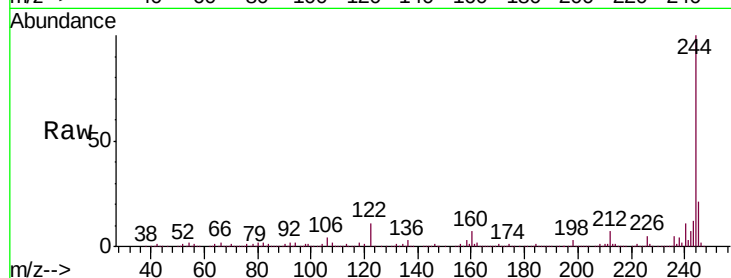
Tgt Ion:184 Resp: 22010

Ion Ratio Lower Upper

184 100

185 16.3 12.8 19.2

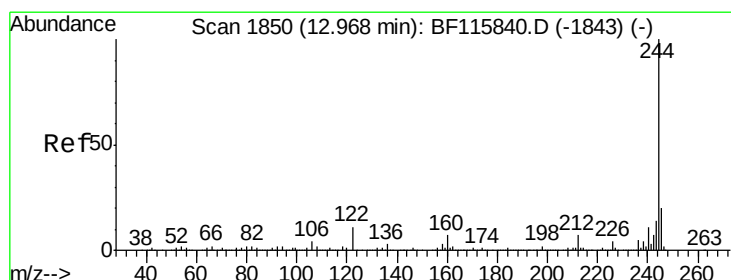
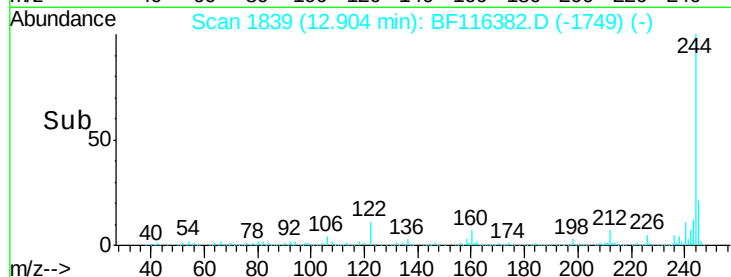
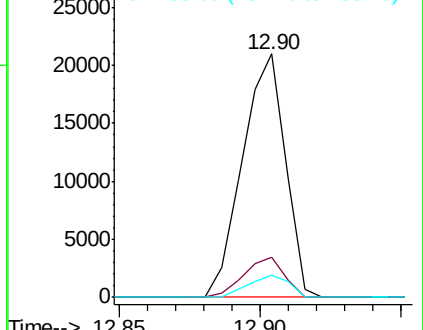
183 9.3 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 108.214 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

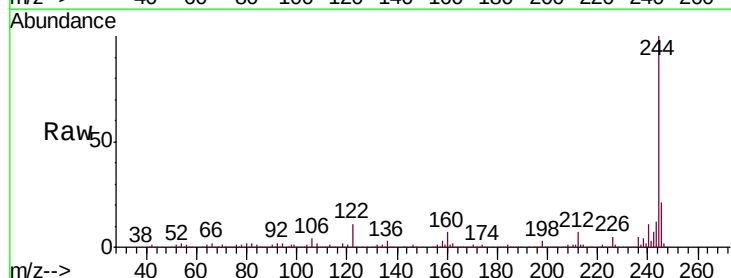
Tgt Ion:244 Resp: 1660770

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

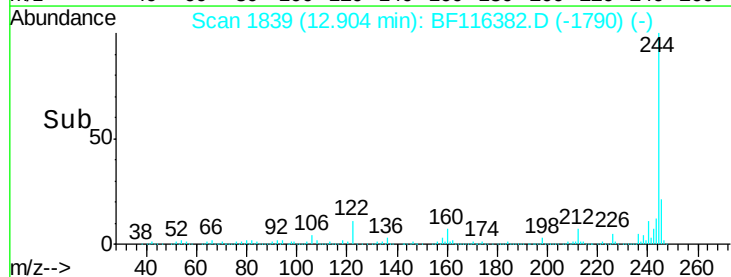
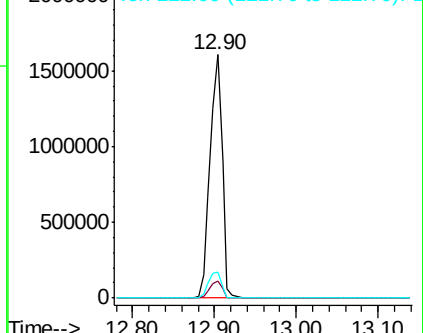
122 10.8 9.0 13.4

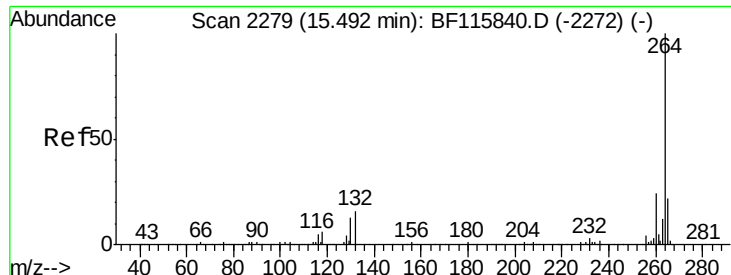


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2267
Delta R.T. -0.02 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB122335BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.8	17.4	26.0

