

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115986.D
 Acq On : 5 Aug 2019 18:14
 Operator : HP/JU
 Sample : K4156-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1494

Quant Time: Aug 06 01:36:42 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

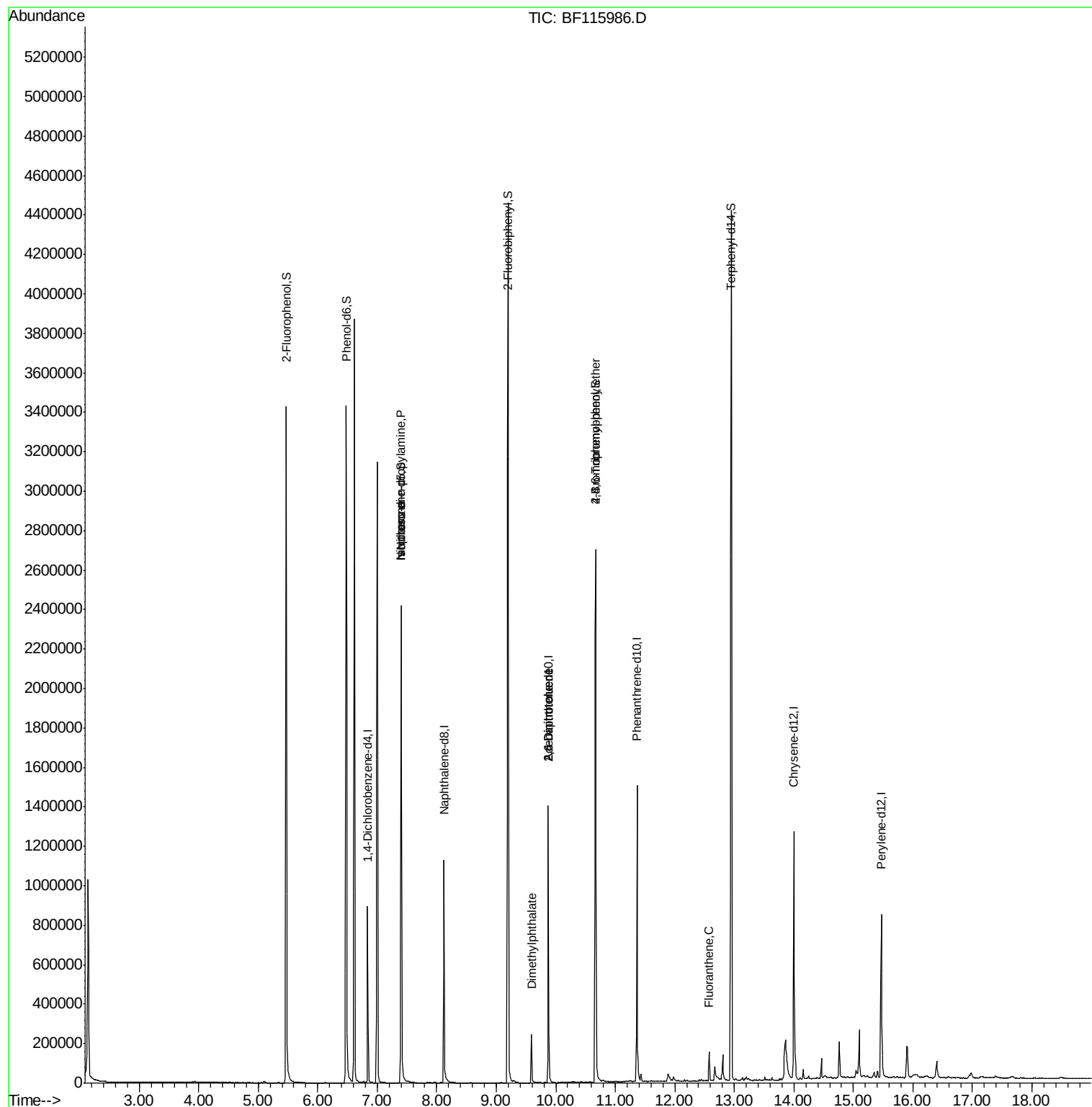
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140132	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	535371	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	288497	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	522907	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	407445	20.00	ng	-0.02
87) Perylene-d12	15.46	264	353808	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1085671	129.70	ng	0.00
7) Phenol-d6	6.48	99	1420370	134.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	923879	99.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	368138	131.62	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1474018	95.70	ng	-0.02
79) Terphenyl-d14	12.95	244	1679018	86.83	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	123867	18.927	ng	# 79
25) Isophorone	7.40	82	923934	52.097	ng	# 66
50) Dimethylphthalate	9.59	163	117864	6.000	ng	99
51) 2,6-Dinitrotoluene	9.87	165	37199	8.714	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	37199	6.545	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	22549	4.028	ng	# 1
75) Fluoranthene	12.57	202	61120	2.184	ng	98

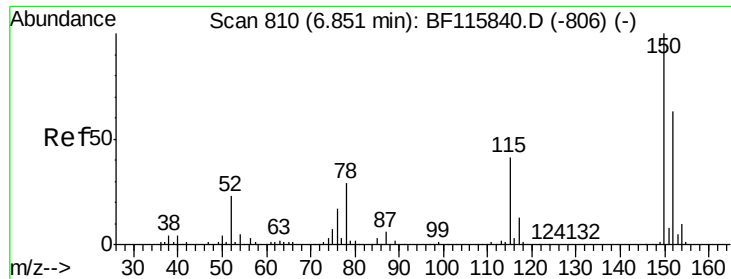
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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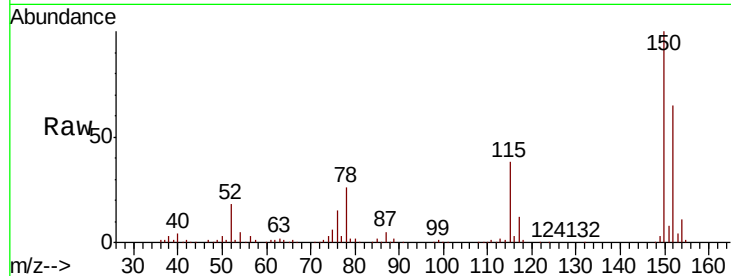




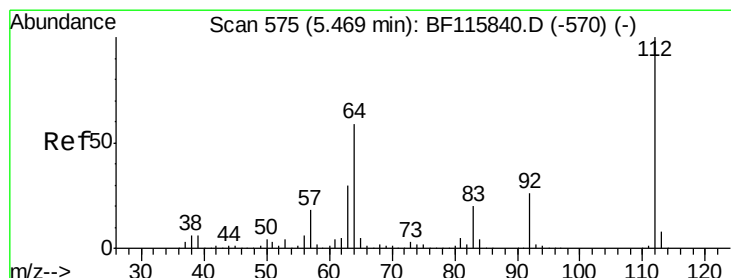
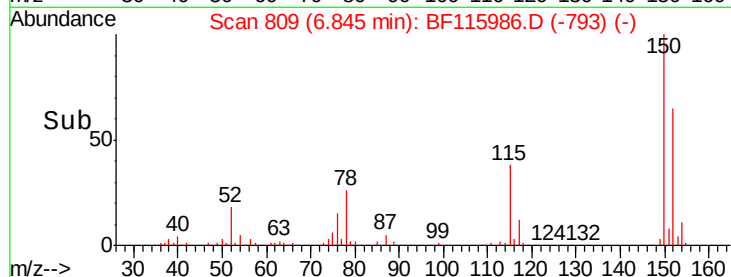
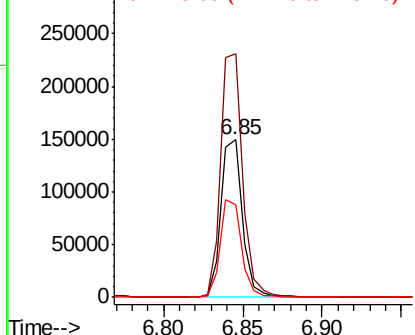
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 RT1494

Tgt Ion:152 Resp: 140132
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.0
 115 58.6 51.8 77.8

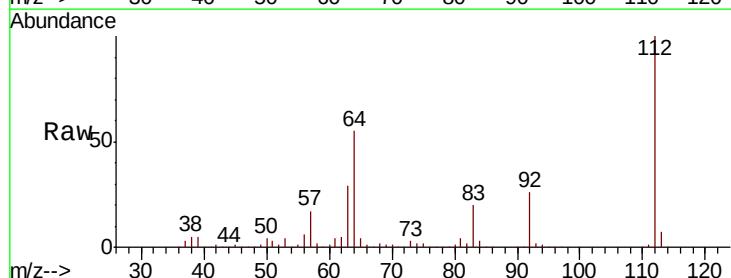


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

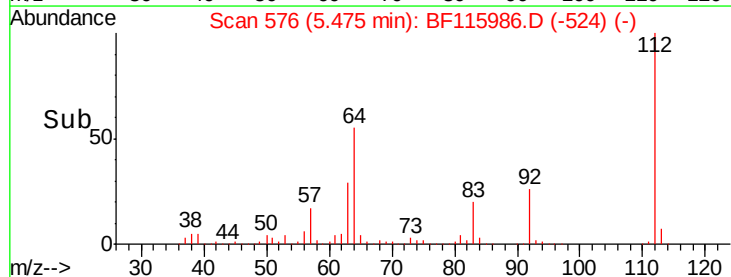
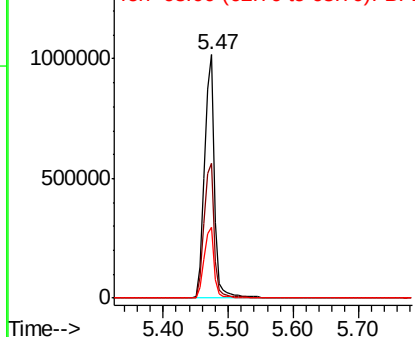


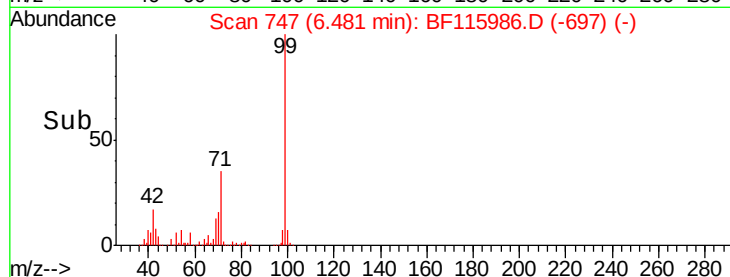
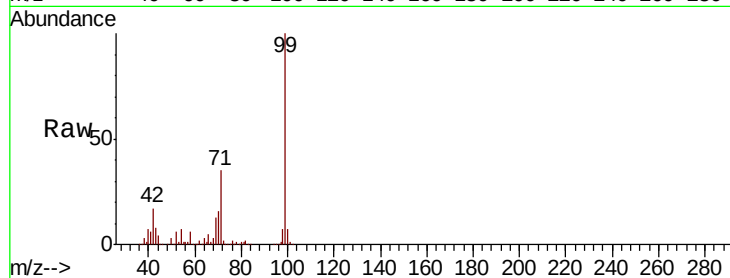
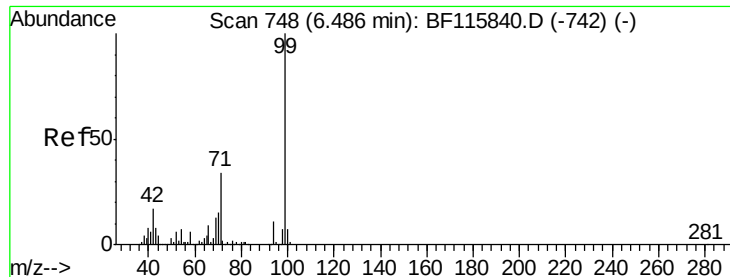
#5
 2-Fluorophenol
 Concen: 129.698 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Tgt Ion:112 Resp: 1085671
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.8 70.2
 63 29.2 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: 134.489 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

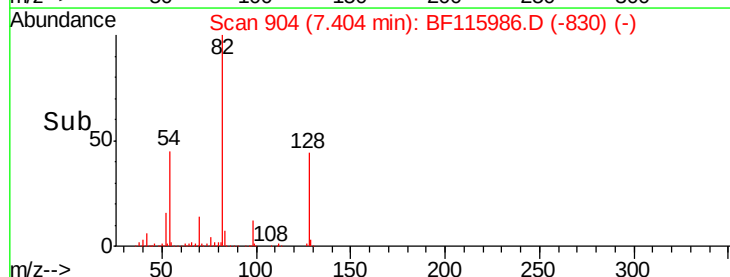
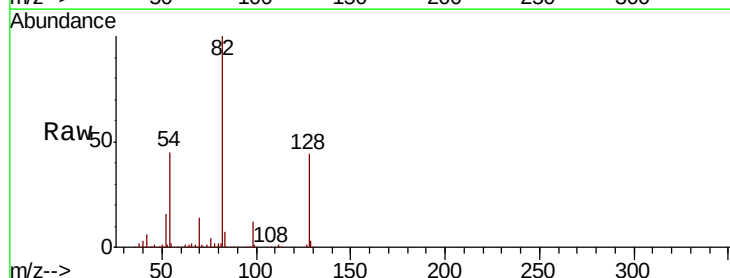
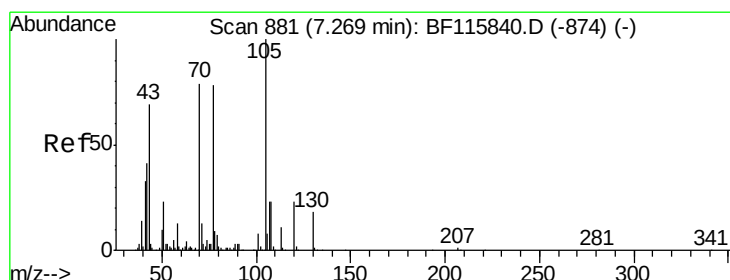
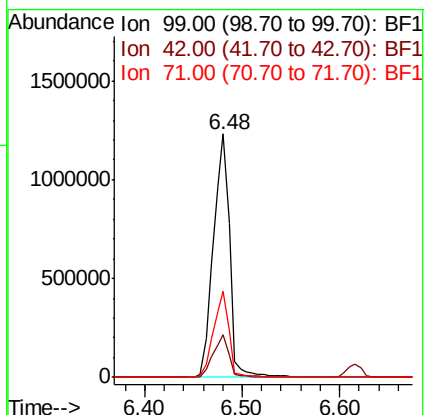
Tgt Ion: 99 Resp: 1420370

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

71 35.3 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.927 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Tgt Ion: 70 Resp: 123867

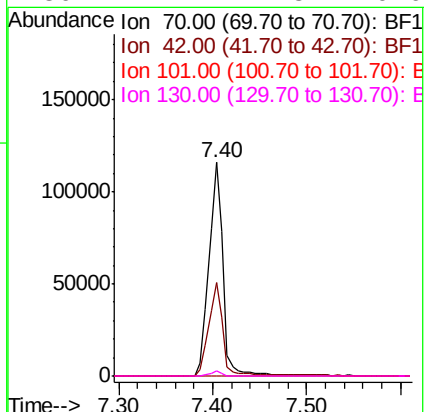
Ion Ratio Lower Upper

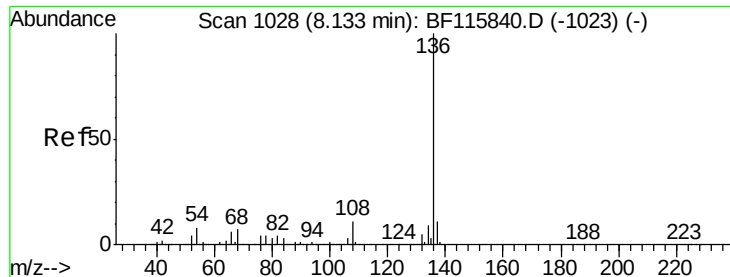
70 100

42 43.9 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

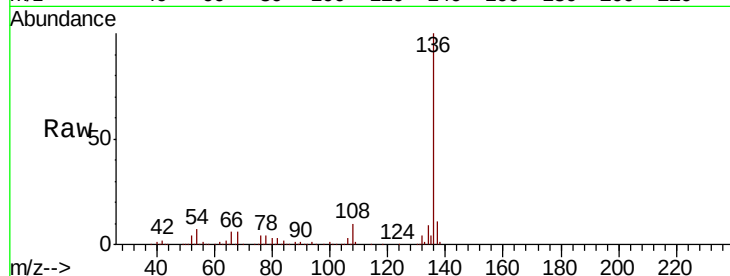




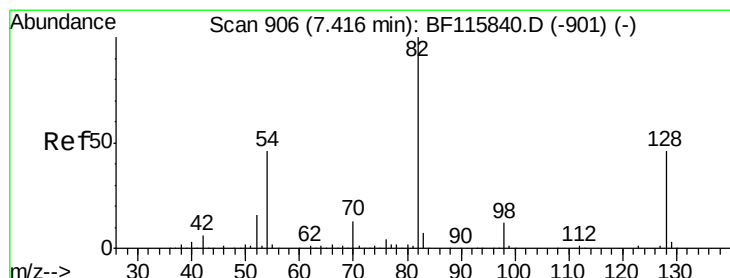
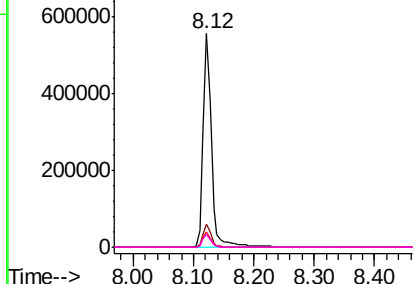
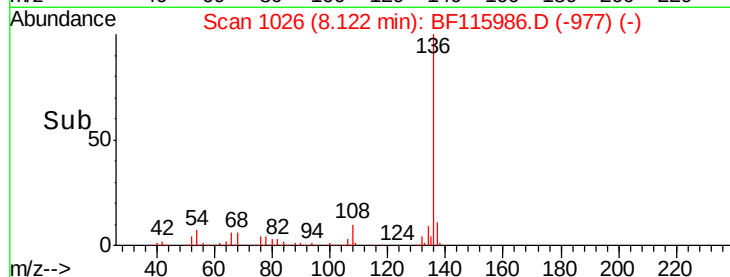
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Instrument :
BNA_F
ClientSampleId :
RT1494

Tgt Ion:	136	Resp:	535371
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	6.1	9.1
68	6.2	5.4	8.2

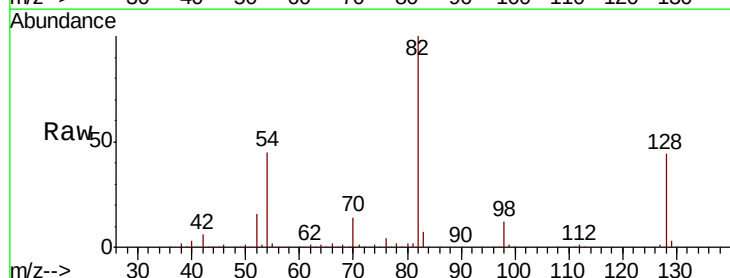


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

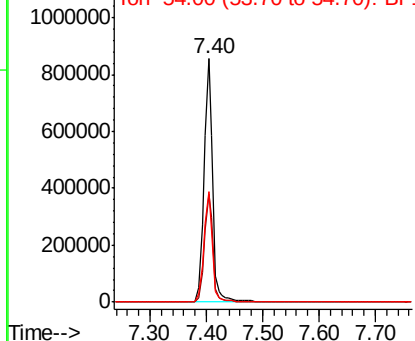
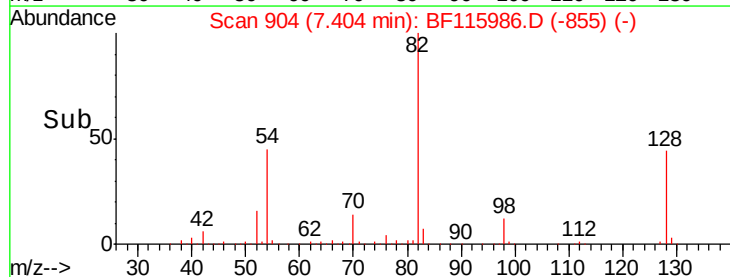


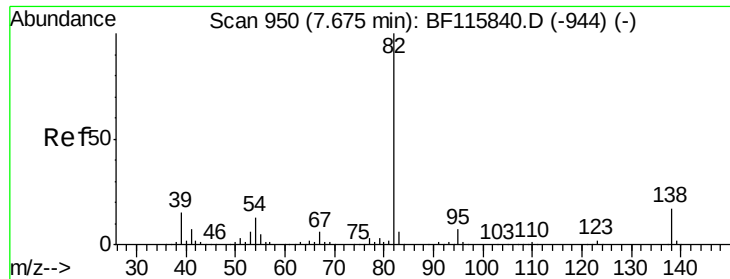
#23
Nitrobenzene-d5
Concen: 99.612 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Tgt Ion:	82	Resp:	923879
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.6	55.0
54	45.2	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

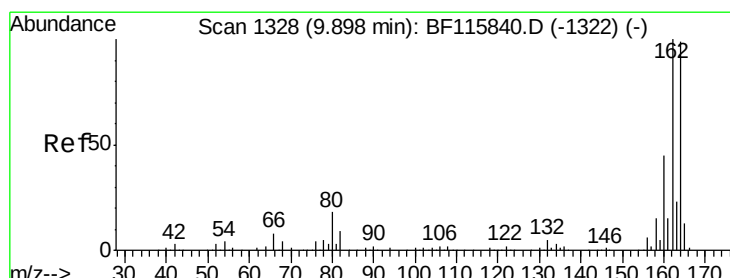
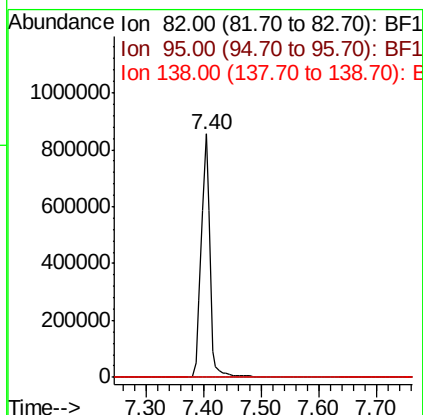
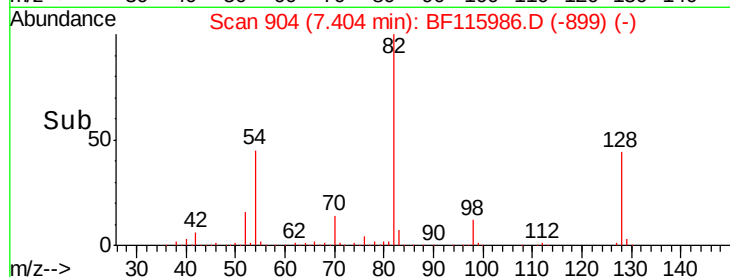
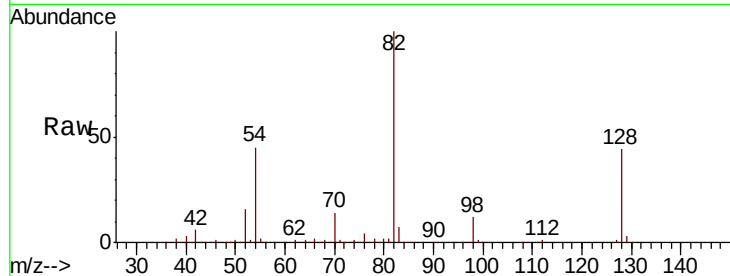




#25
Isophorone
Concen: 52.097 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

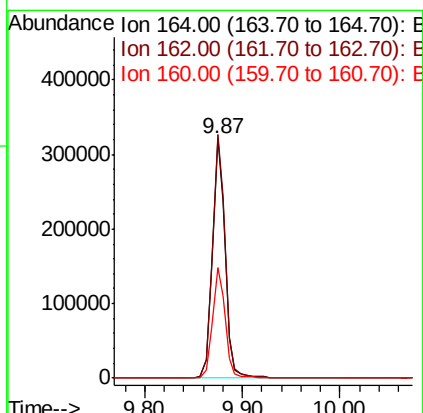
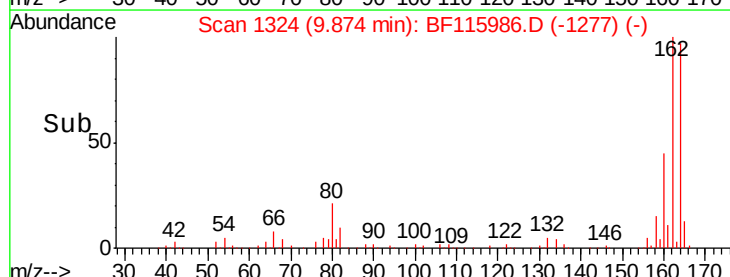
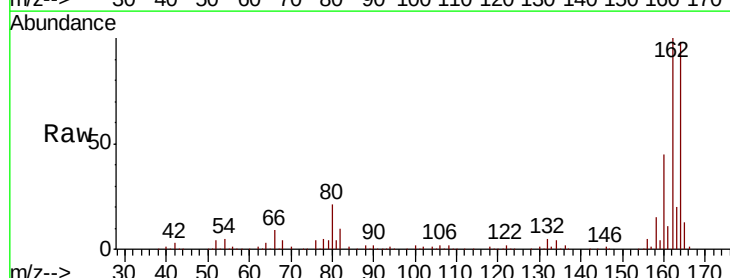
Instrument :
BNA_F
ClientSampleId :
RT1494

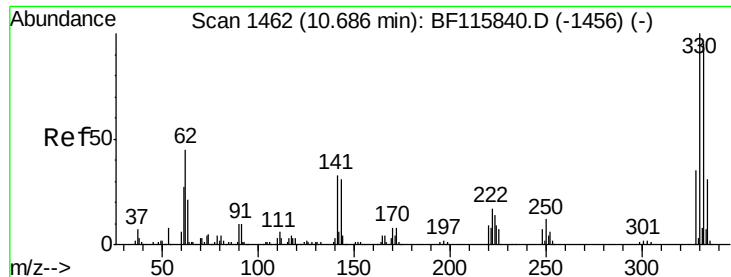
Tgt Ion: 82 Resp: 923934
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Tgt Ion: 164 Resp: 288497
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 46.1 36.2 54.4

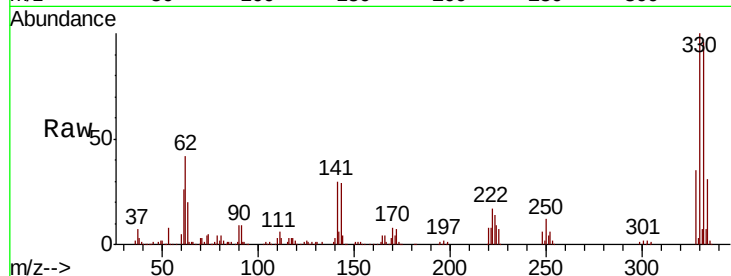




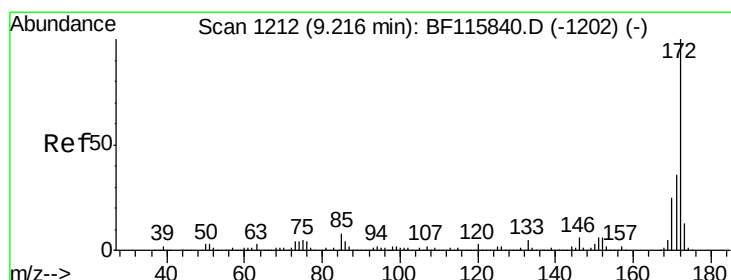
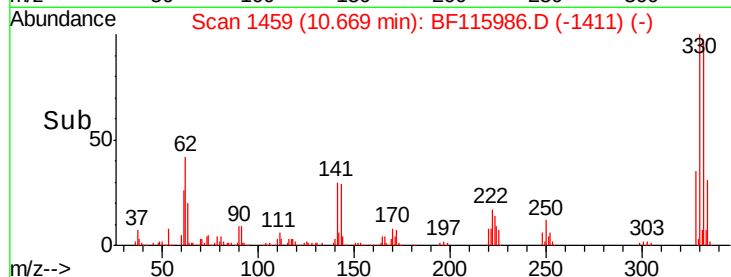
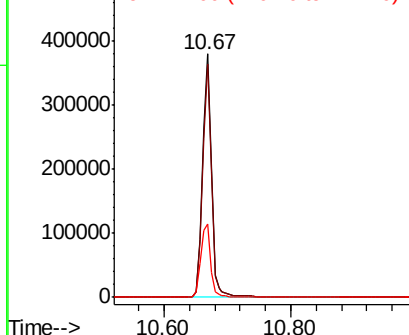
#42
 2,4,6-Tribromophenol
 Concen: 131.616 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 RT1494

Tgt Ion:330 Resp: 368138
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.7 116.5
 141 33.2 28.1 42.1

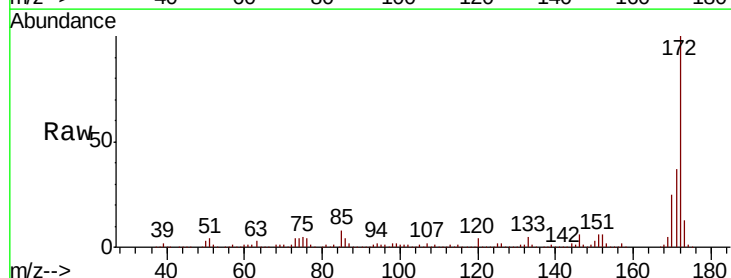


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

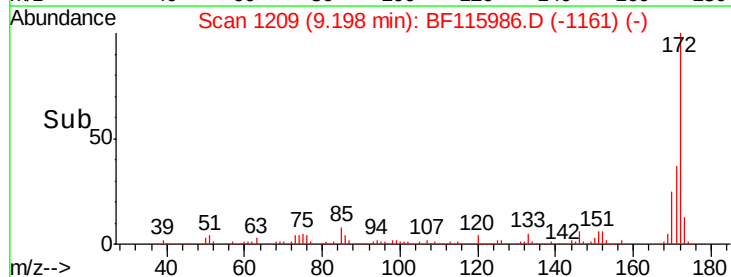
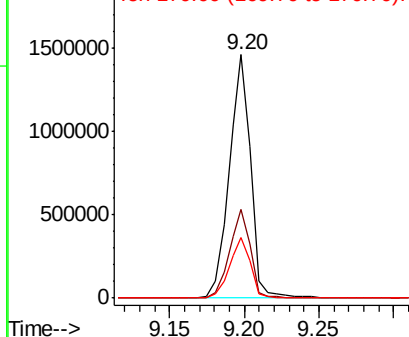


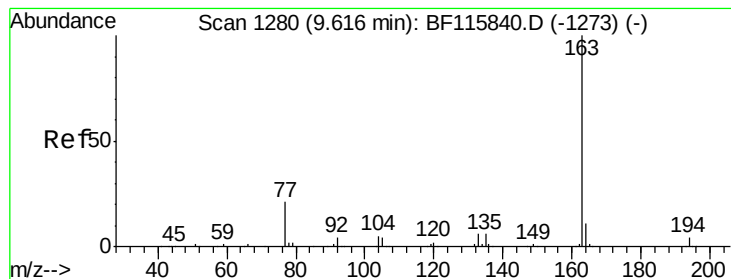
#45
 2-Fluorobiphenyl
 Concen: 95.701 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Tgt Ion:172 Resp: 1474018
 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





#50

Dimethylphthalate

Concen: 6.000 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

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ClientSampleId :

RT1494

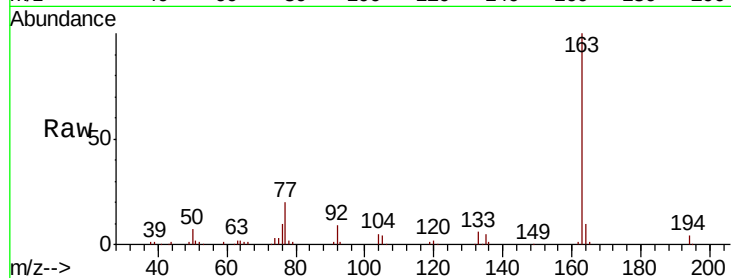
Tgt Ion:163 Resp: 117864

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

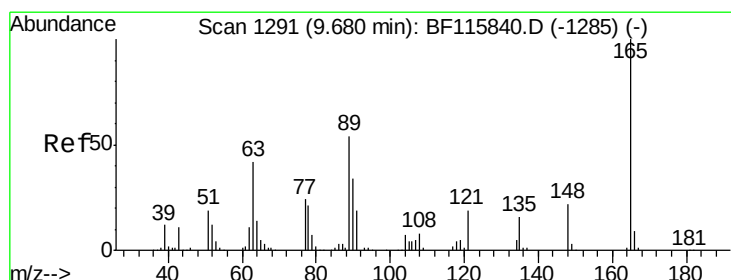
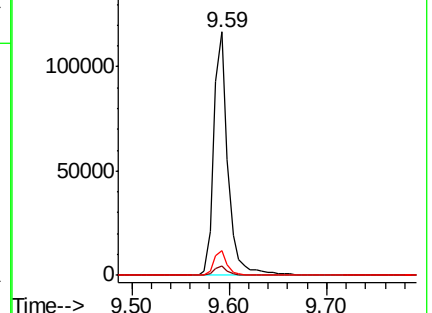
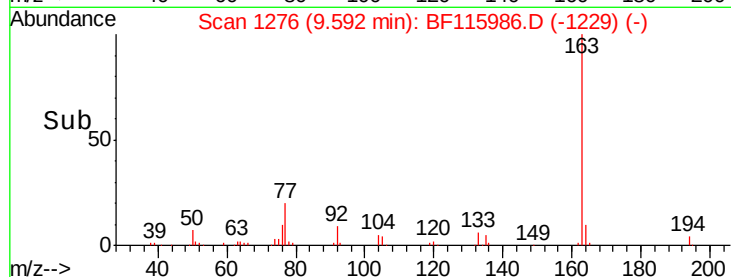
164 10.0 8.4 12.6



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: 8.714 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

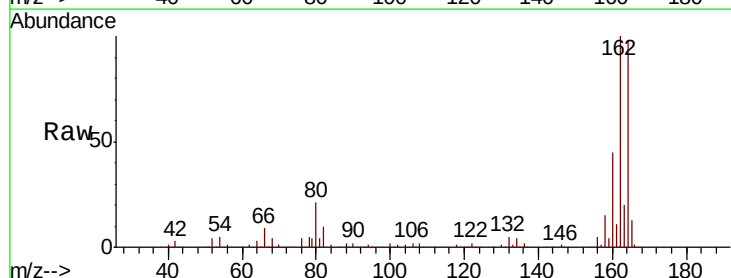
Tgt Ion:165 Resp: 37199

Ion Ratio Lower Upper

165 100

63 1.4 39.4 59.2#

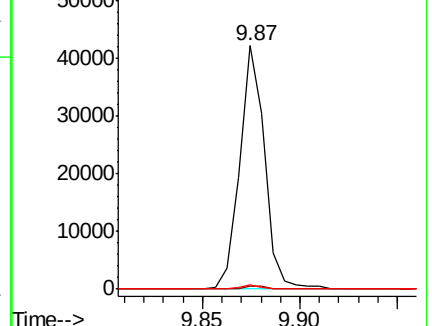
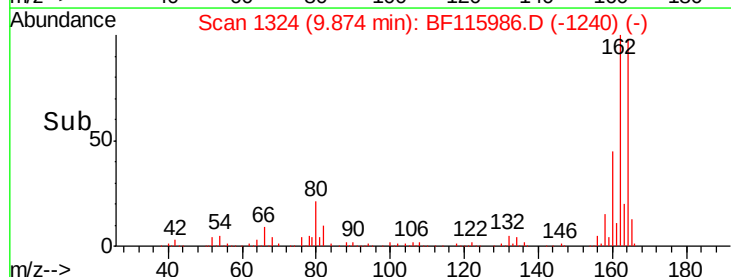
89 1.6 43.0 64.6#

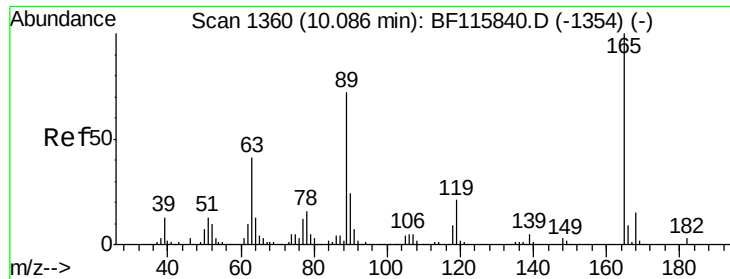


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.545 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

Tgt Ion:165 Resp: 37199

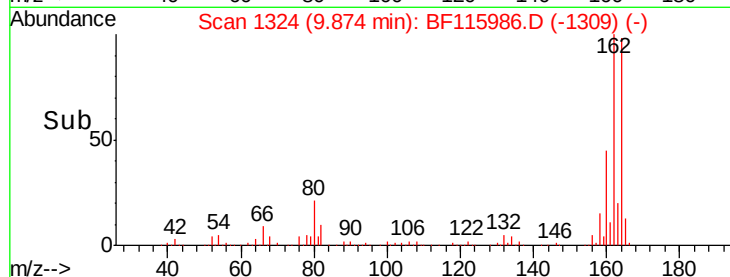
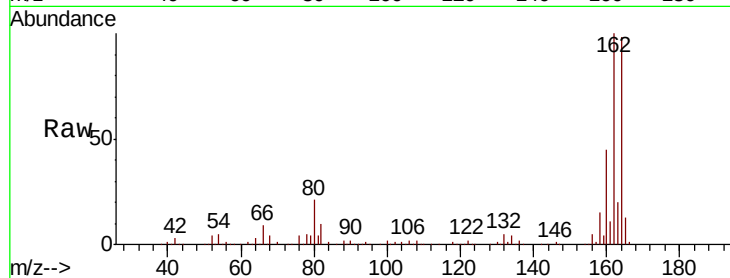
Ion Ratio Lower Upper

165 100

63 1.4 33.2 49.8#

89 1.6 57.3 85.9#

182 0.0 2.1 3.1#

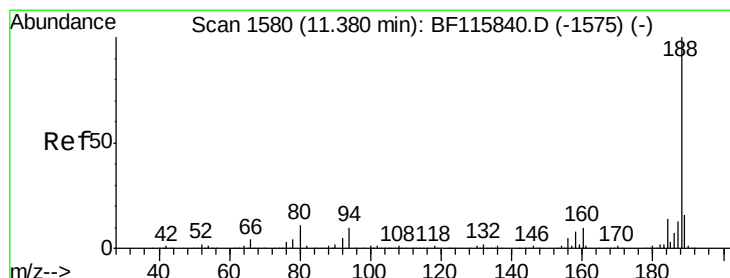
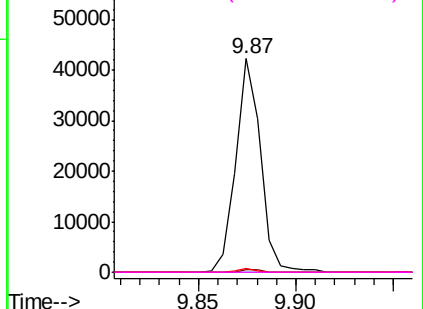


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

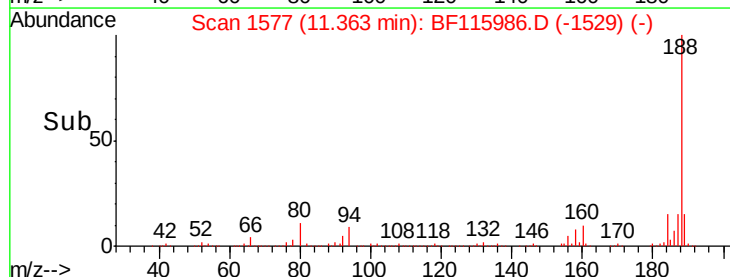
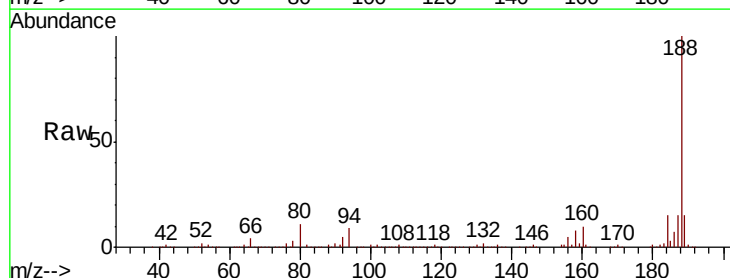
Tgt Ion:188 Resp: 522907

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

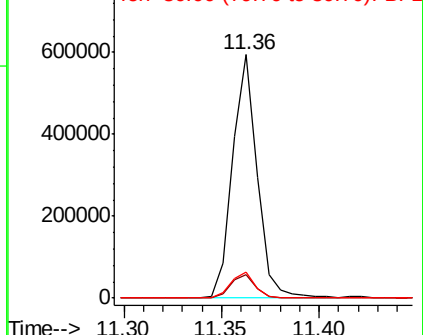
80 10.6 8.6 12.8

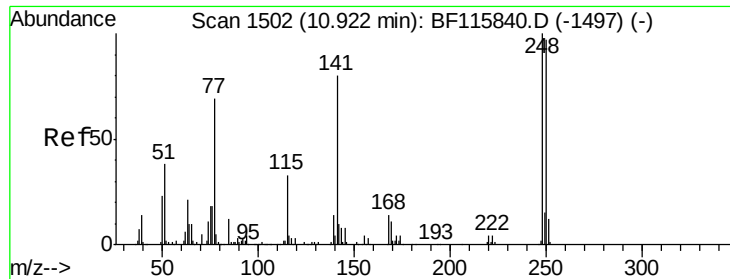


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

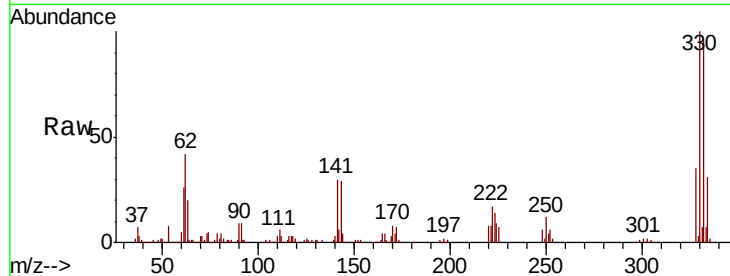




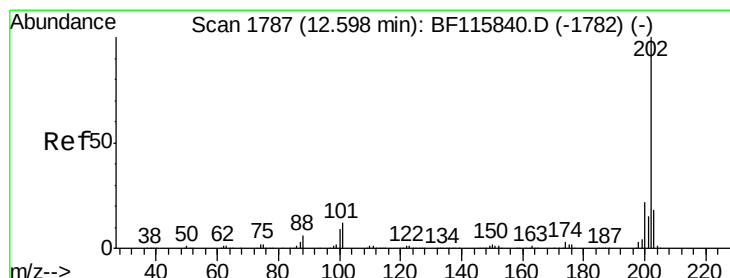
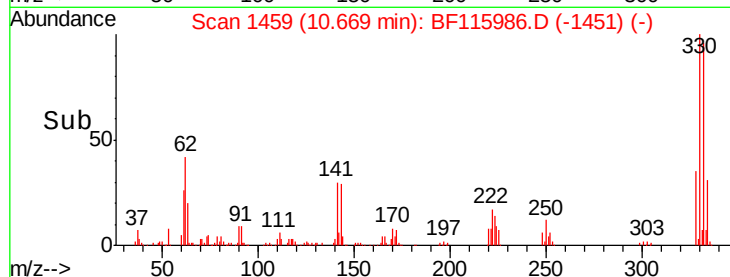
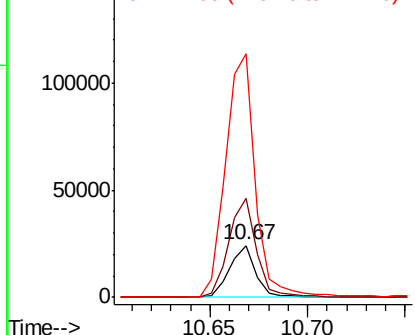
#67
 4-Bromophenyl-phenylether
 Concen: 4.028 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Instrument :
 BNA_F
 ClientSampled :
 RT1494

Tgt Ion: 248 Resp: 22549
 Ion Ratio Lower Upper
 248 100
 250 189.4 77.8 116.6#
 141 467.2 64.3 96.5#

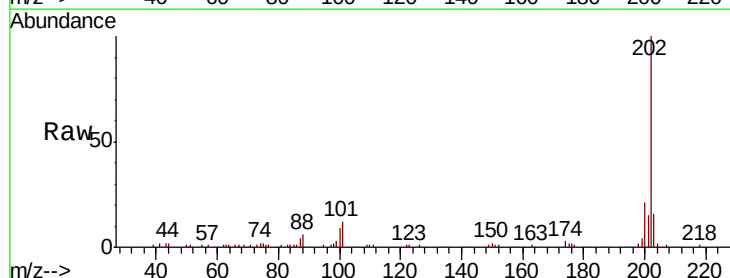


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

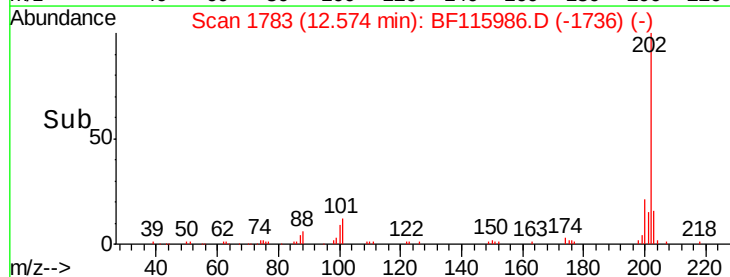
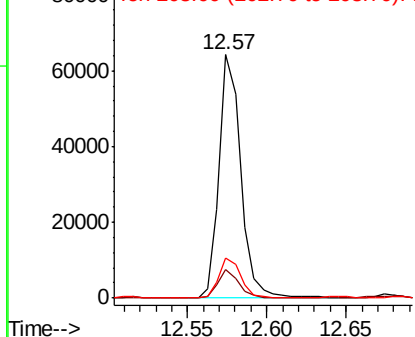


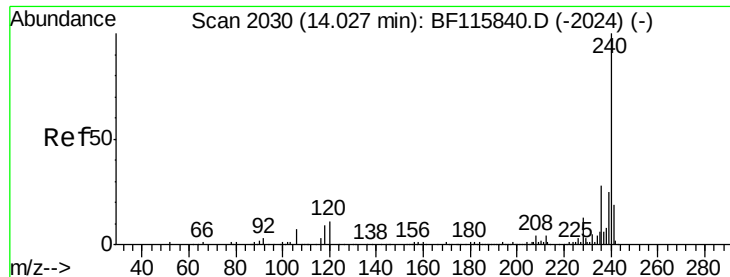
#75
 Fluoranthene
 Concen: 2.184 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Tgt Ion: 202 Resp: 61120
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.5
 203 16.5 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

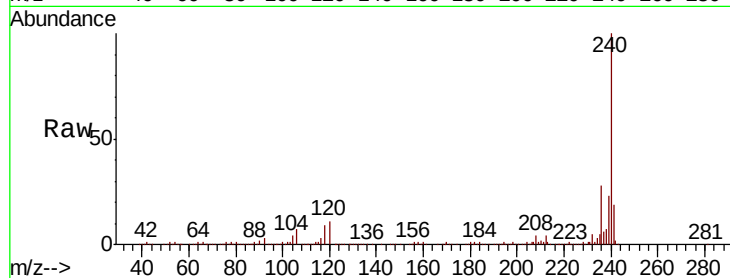
Tgt Ion:240 Resp: 407445

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

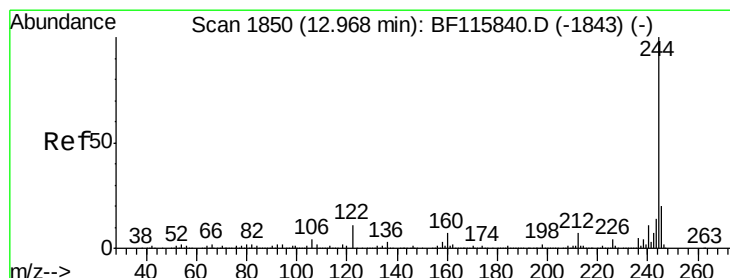
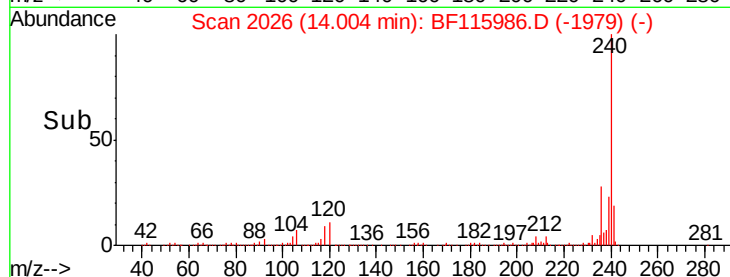
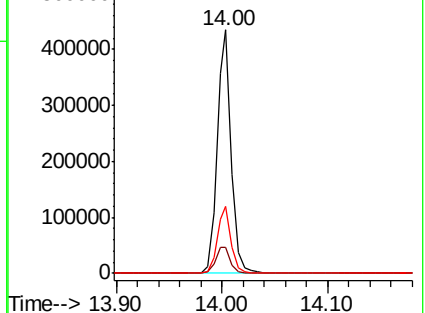
236 27.7 22.2 33.2



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: 86.833 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

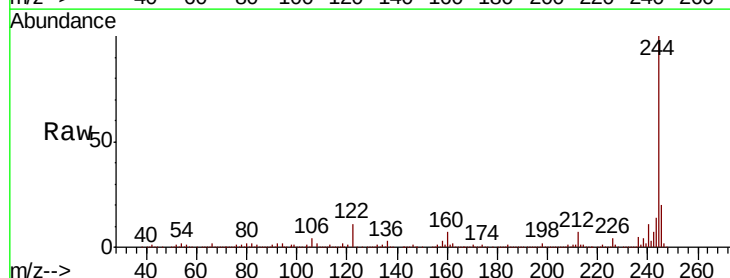
Tgt Ion:244 Resp: 1679018

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

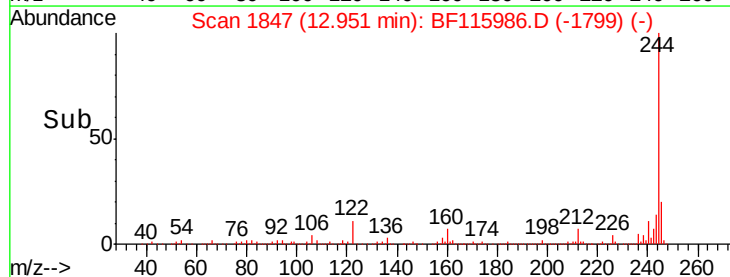
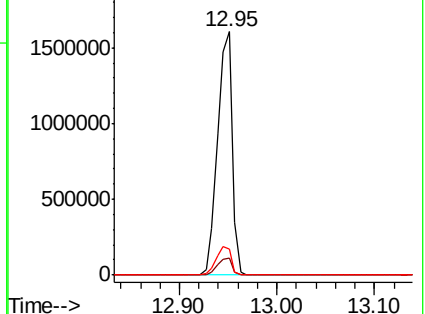
122 10.7 8.6 13.0

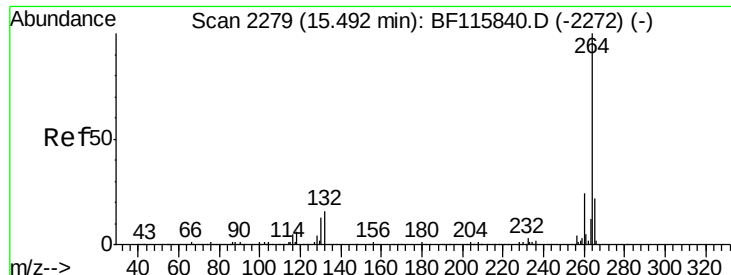


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Instrument :
BNA_F
ClientSampleId :
RT1494

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.5	17.5	26.3

