

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117955.D
 Acq On : 23 Nov 2019 14:40
 Operator : JU
 Sample : PB125043TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:50:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

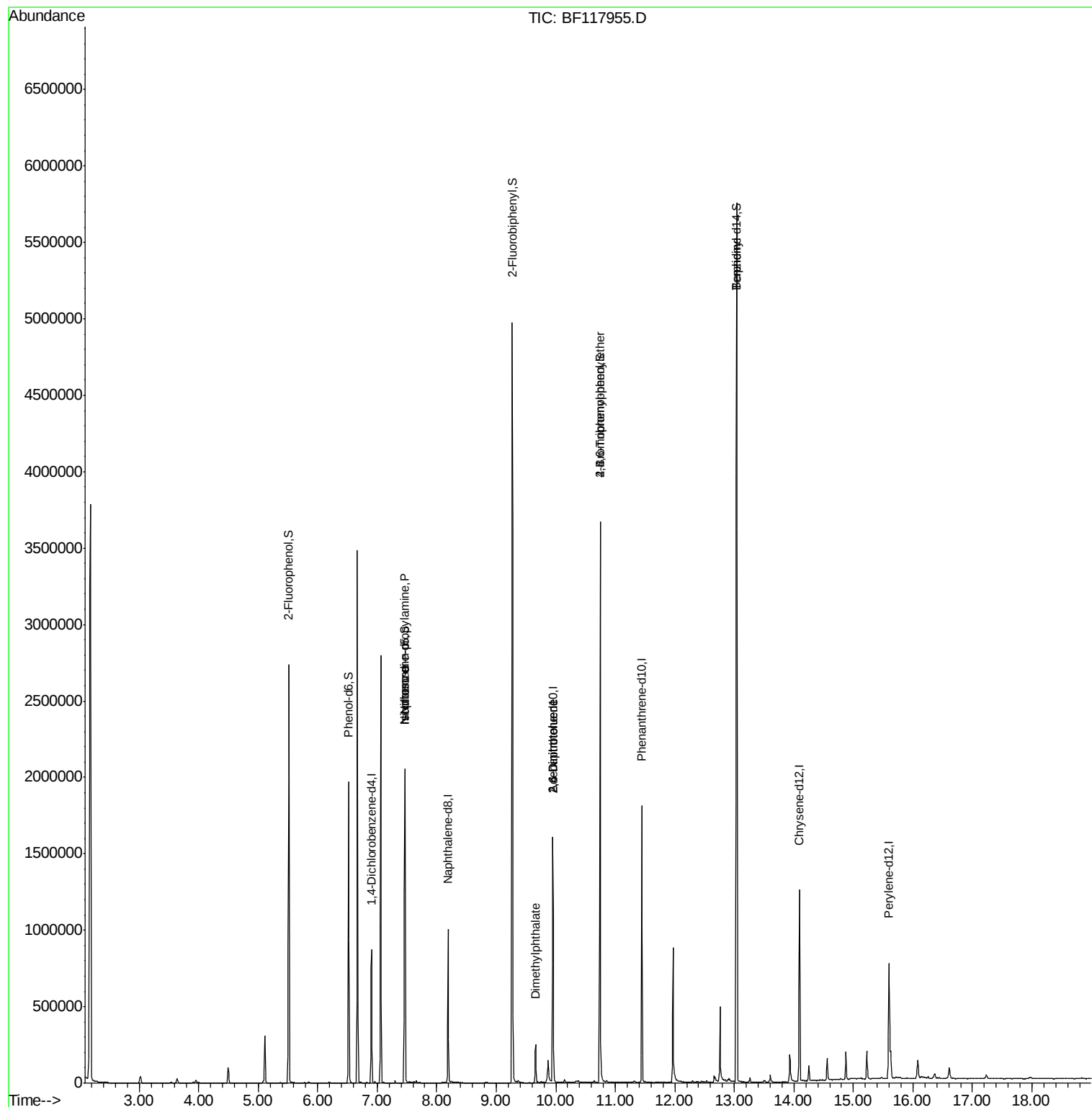
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	126138	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	504574	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	318626	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	618613	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	408023	20.00	ng	-0.02
87) Perylene-d12	15.60	264	350605	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	742132	104.14	ng	-0.02
7) Phenol-d6	6.52	99	610452	71.02	ng	-0.02
23) Nitrobenzene-d5	7.46	82	731850	86.22	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	471854	139.88	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1615492	90.96	ng	-0.02
79) Terphenyl-d14	13.04	244	2077239	93.04	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1163	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	99911	18.842 ng	#	74
25) Isophorone	7.46	82	724480	46.569 ng	#	62
50) Dimethylphthalate	9.66	163	108165	4.841 ng		97
51) 2,6-Dinitrotoluene	9.95	165	40947	8.385 ng	#	23
57) 2,4-Dinitrotoluene	9.95	165	40947	6.592 ng	#	25
67) 4-Bromophenyl-phenylether	10.75	248	29568	4.430 ng	#	1
75) Fluoranthene	12.66	202	480	Below Cal		63
77) Benzdine	13.04	184	28728	2.149 ng	#	93

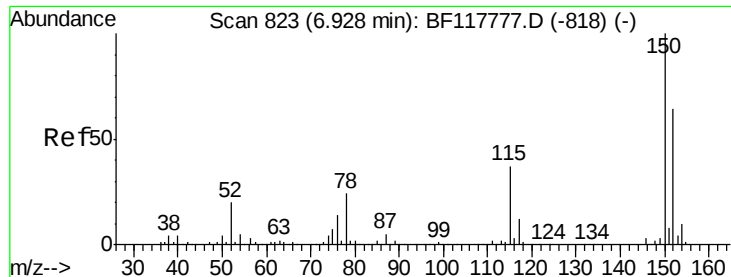
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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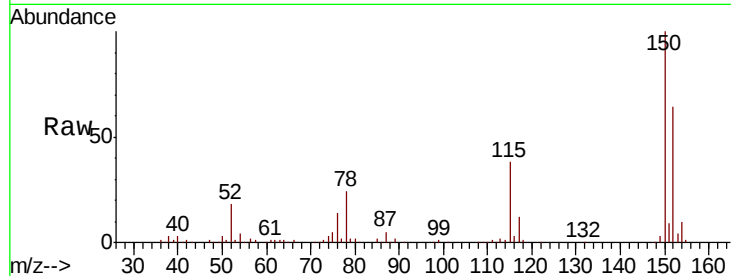




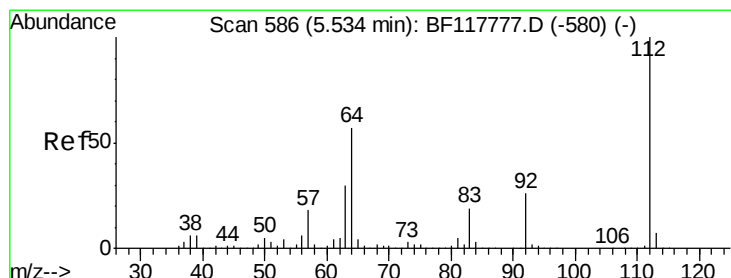
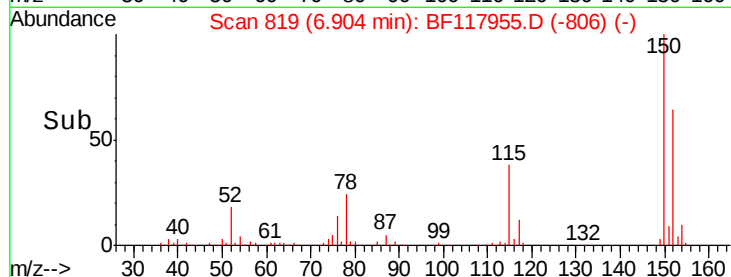
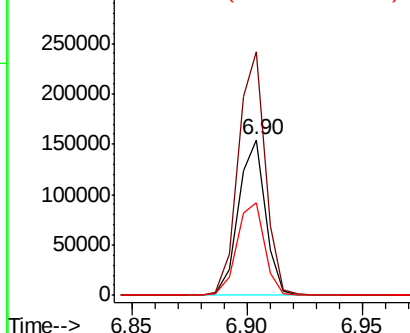
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117955.D
 Acq: 23 Nov 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 126138
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.3 187.9
 115 59.0 47.0 70.4

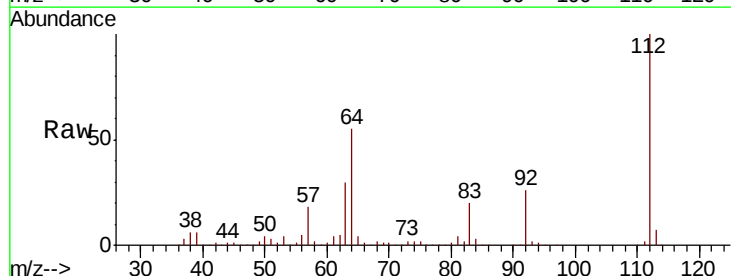


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

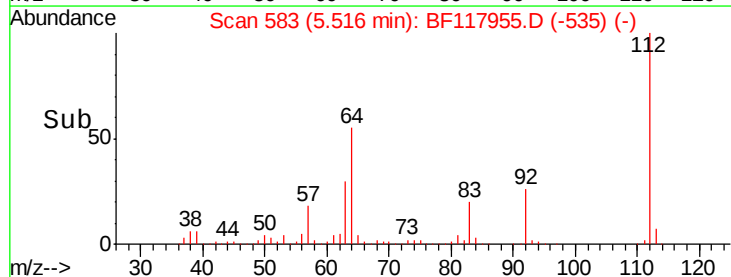
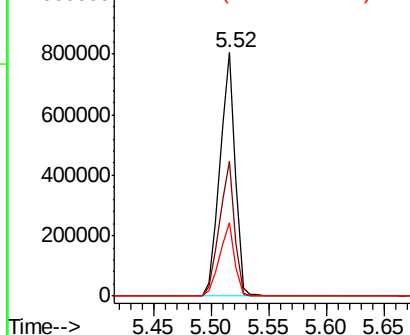


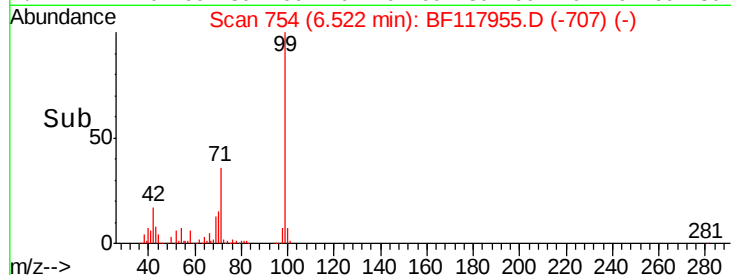
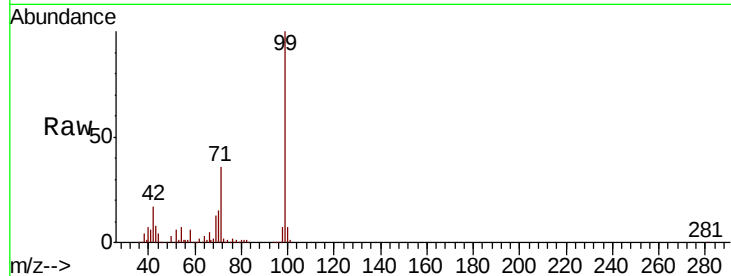
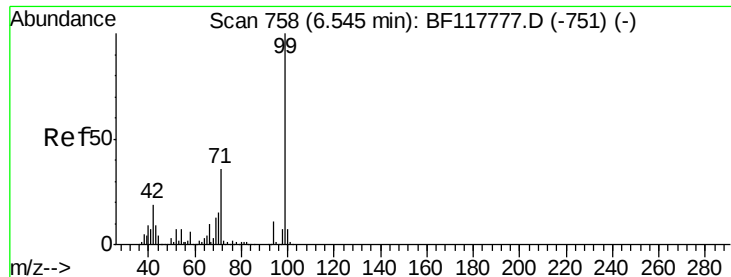
#5
 2-Fluorophenol
 Concen: 104.144 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF117955.D
 Acq: 23 Nov 2019 14:40

Tgt Ion:112 Resp: 742132
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.6 68.4
 63 30.0 24.1 36.1



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: 71.023 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

Instrument :

BNA_F

ClientSampled :

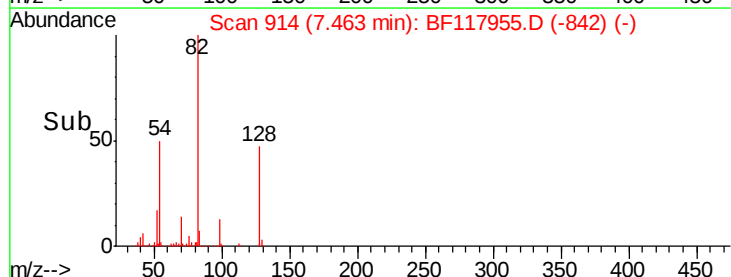
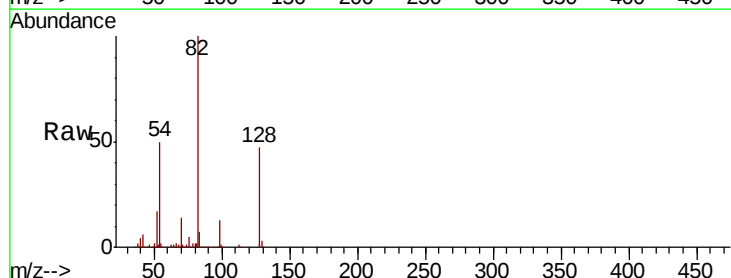
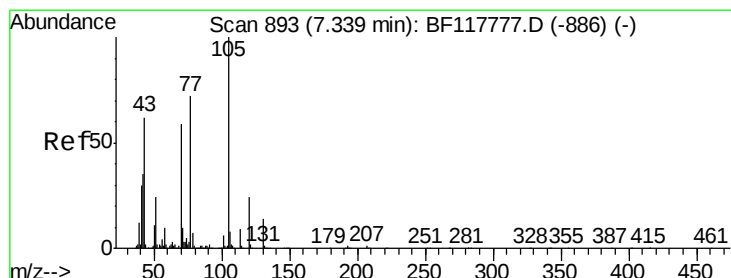
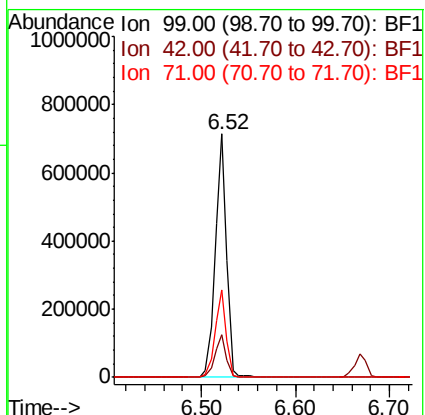
Tot Ion: 99 Resp: 610452

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 35.9 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.842 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.12 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

Tgt Ion: 70 Resp: 99911

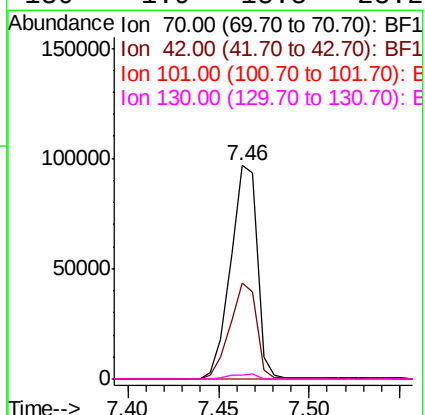
Ion Ratio Lower Upper

70 100

42 45.1 47.4 71.2#

101 0.0 8.4 12.6#

130 1.9 18.8 28.2#

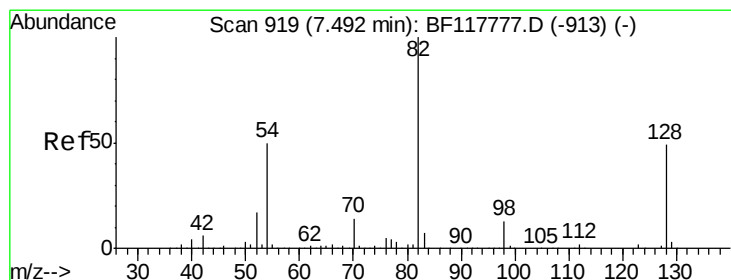
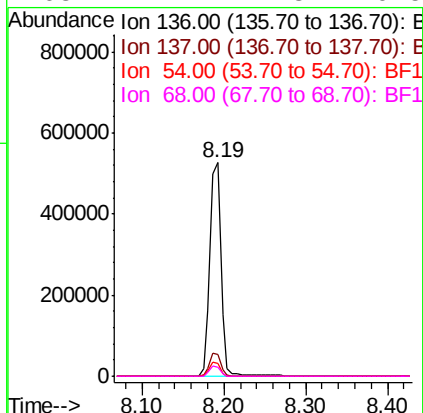
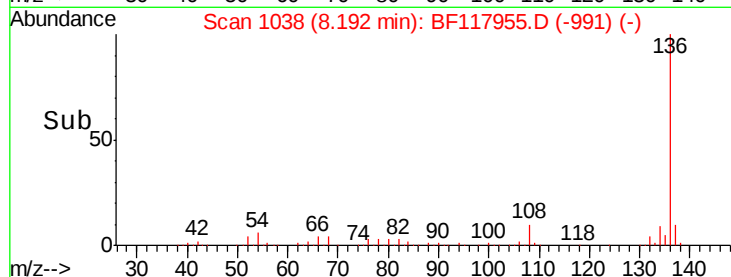
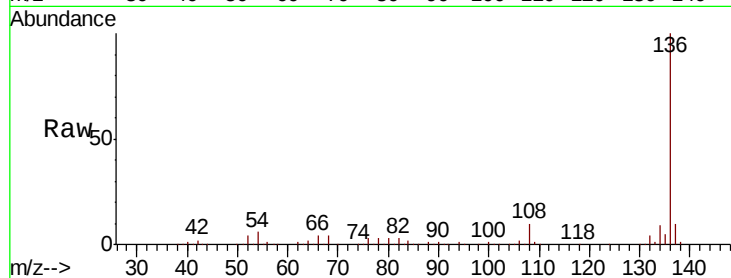




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

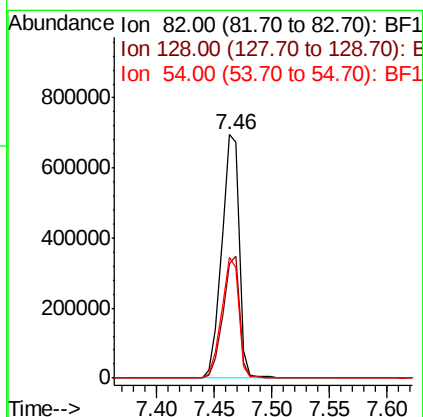
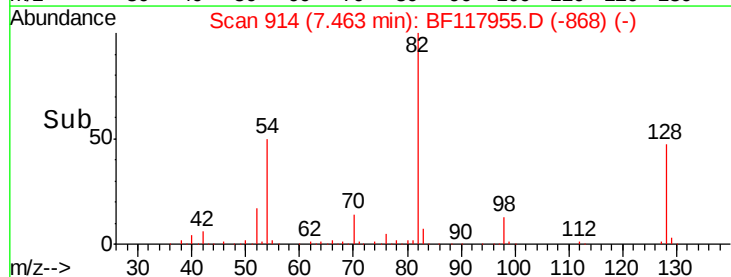
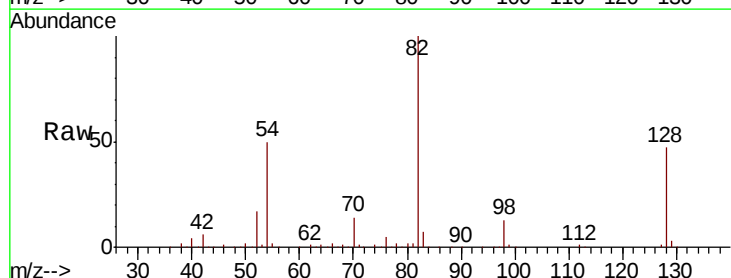
Instrument :
BNA_F
ClientSampleId :

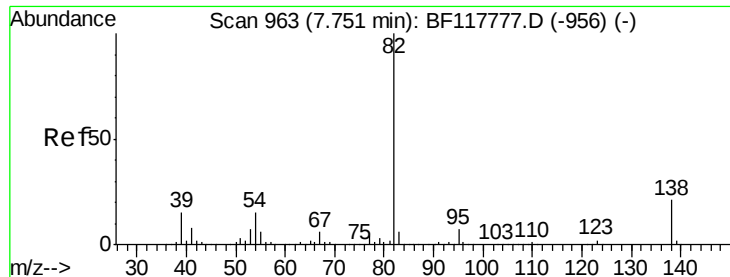
Tot Ion:136	Resp:	504574
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.0 13.4
54	5.8	5.4 8.2
68	4.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 86.222 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion: 82	Resp:	731850
Ion Ratio	Lower	Upper
82	100	
128	46.8	38.9 58.3
54	49.7	39.8 59.6





#25

Isophorone

Concen: 46.569 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.29 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

Instrument :

BNA_F

ClientSampled :

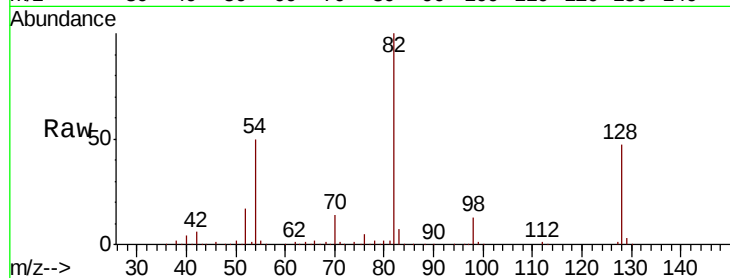
Tot Ion: 82 Resp: 724480

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

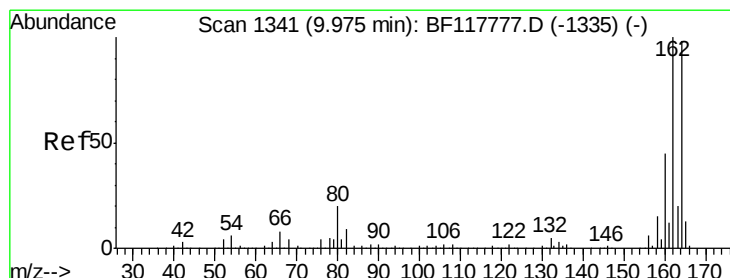
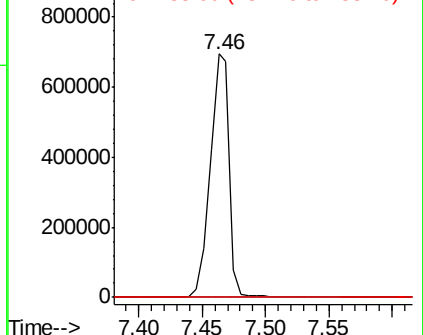
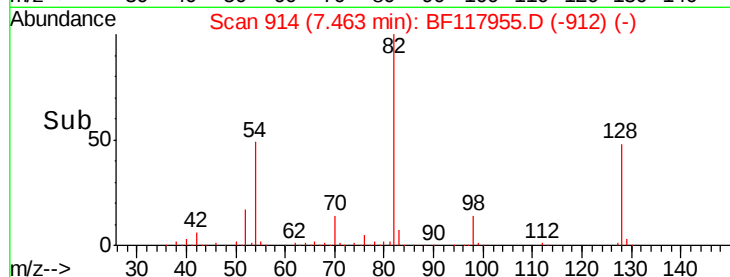
138 0.0 16.5 24.7#



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: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

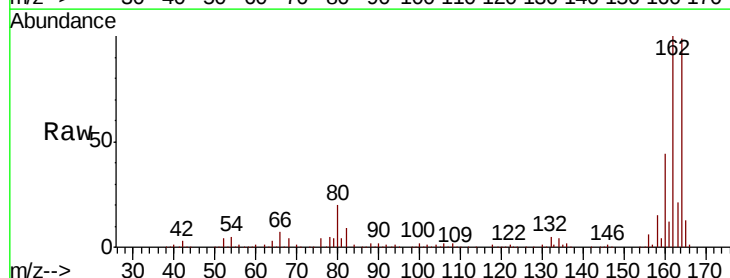
Tgt Ion: 164 Resp: 318626

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

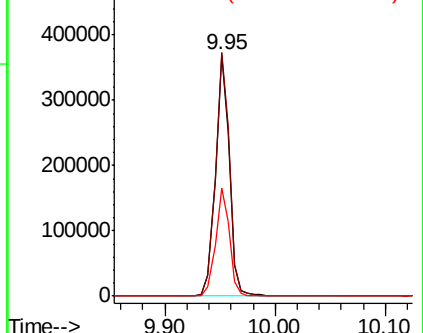
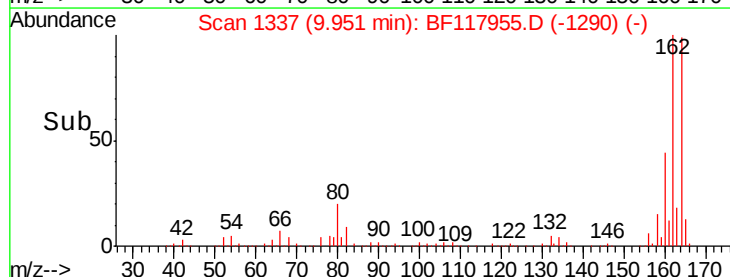
160 44.8 36.6 55.0

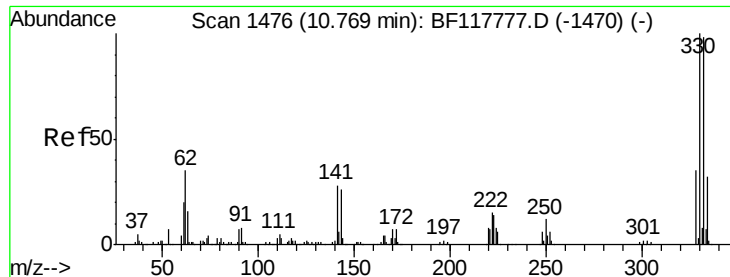


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 139.881 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

Instrument :

BNA_F

ClientSampleId :

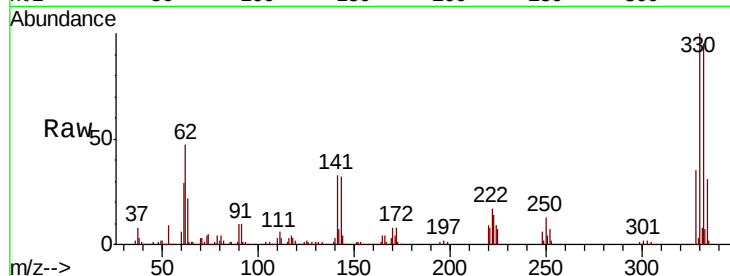
Tot Ion:330 Resp: 471854

Ion Ratio Lower Upper

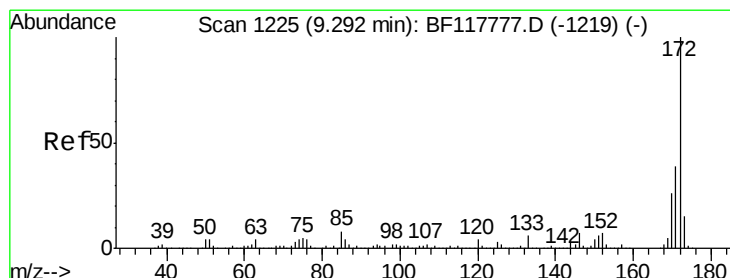
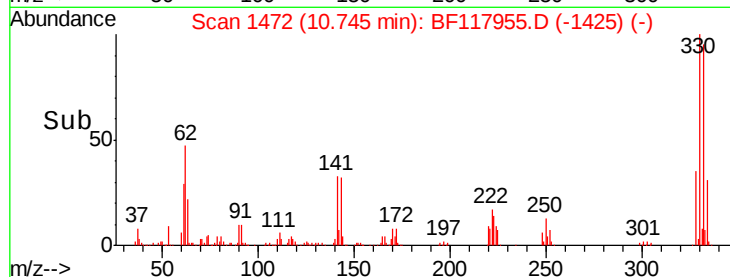
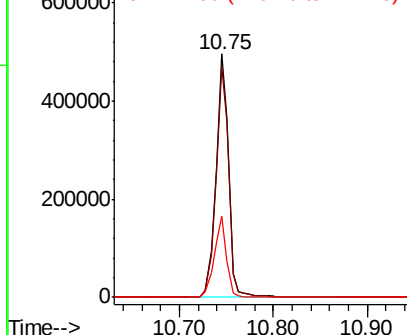
330 100

332 96.2 76.7 115.1

141 32.5 27.7 41.5



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: 90.961 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

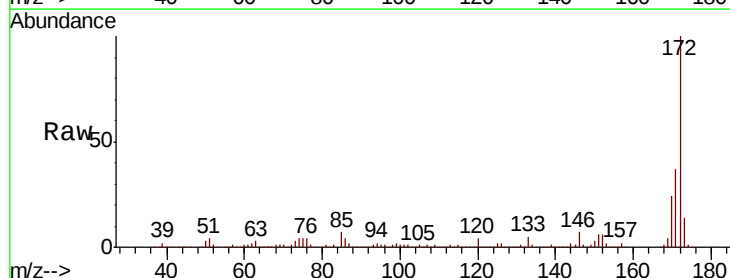
Tgt Ion:172 Resp: 1615492

Ion Ratio Lower Upper

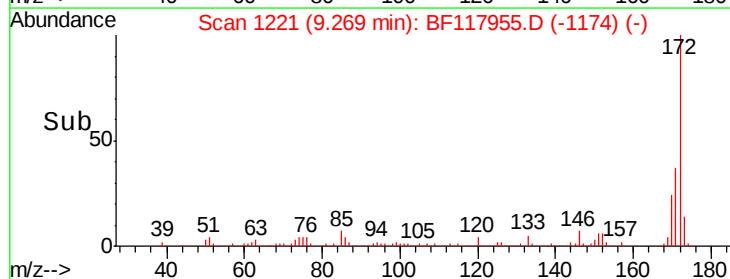
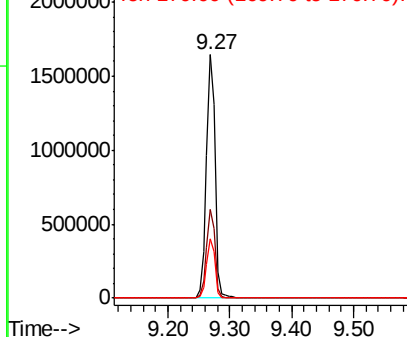
172 100

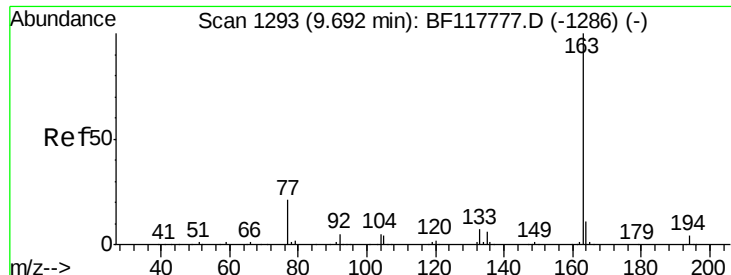
171 36.6 30.9 46.3

170 24.4 21.0 31.4



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

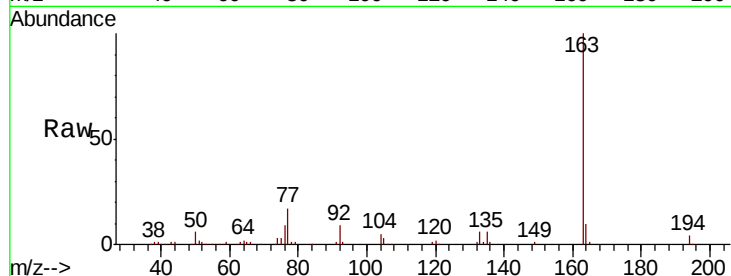




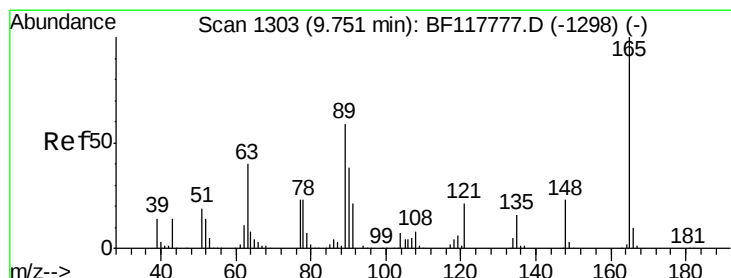
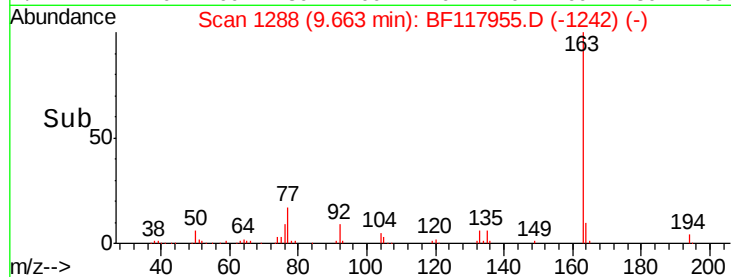
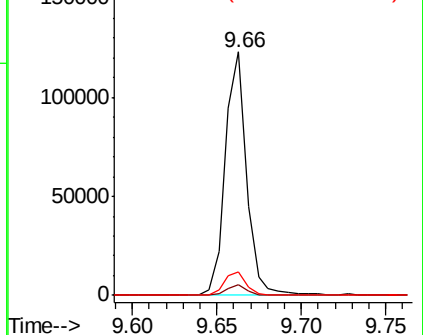
#50
Dimethylphthalate
Concen: 4.841 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.5	8.7	13.1

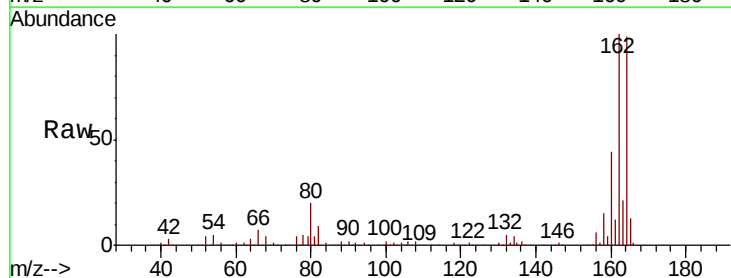


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

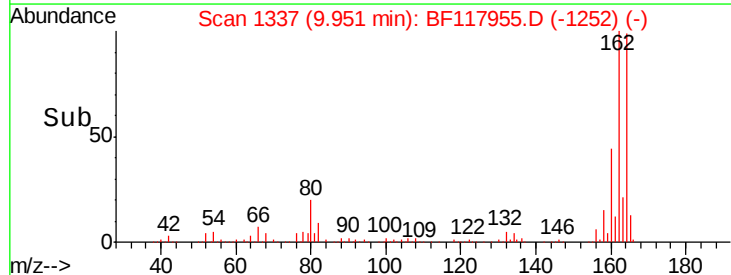
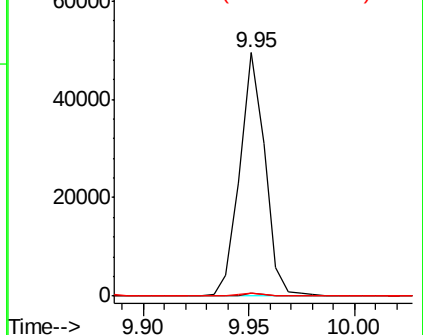


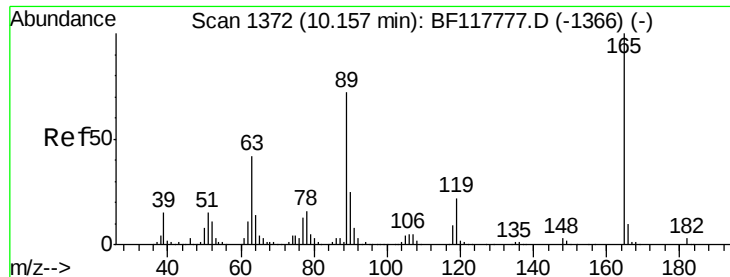
#51
2,6-Dinitrotoluene
Concen: 8.385 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.20 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.0	69.0#
89	1.4	47.7	71.5#



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

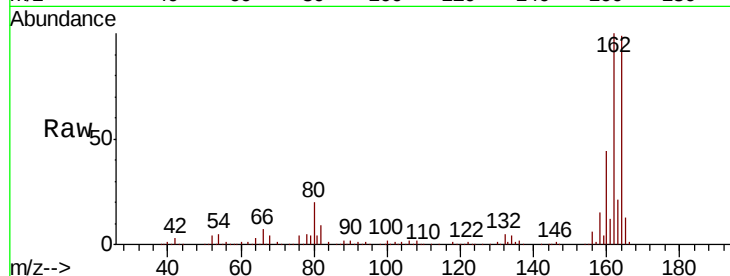




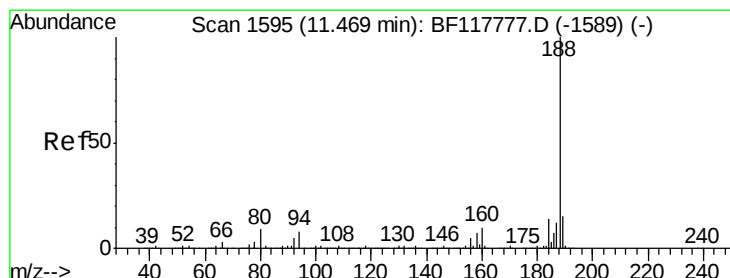
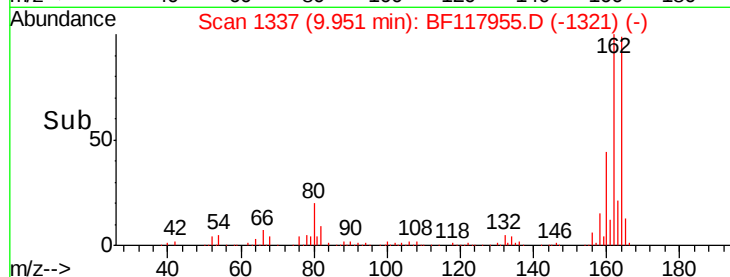
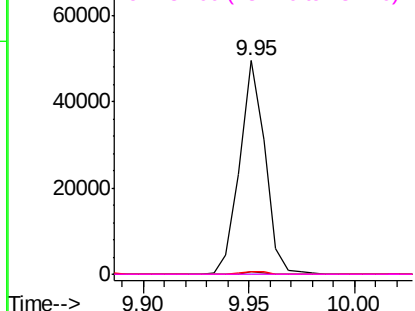
#57
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#

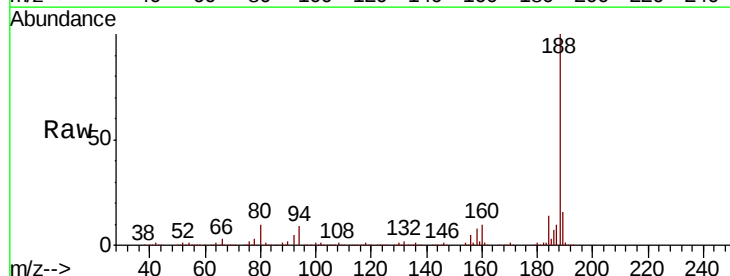


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

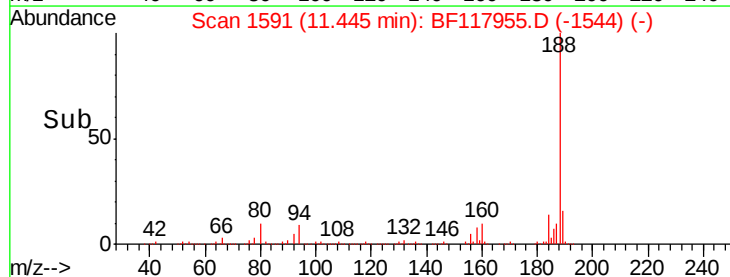
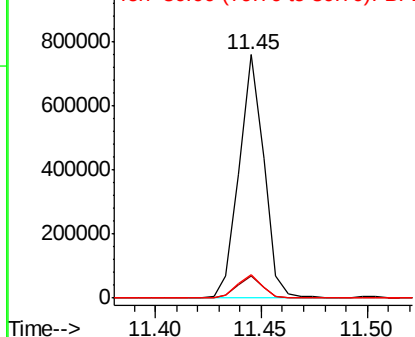


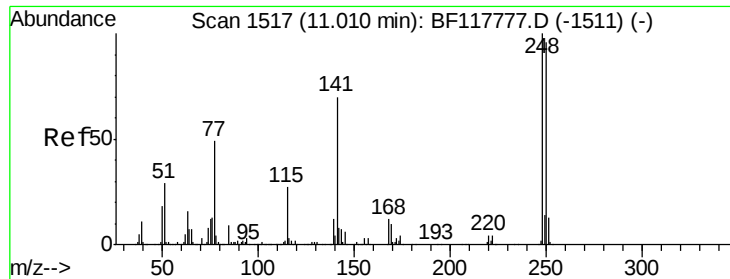
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.6	7.2	10.8



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

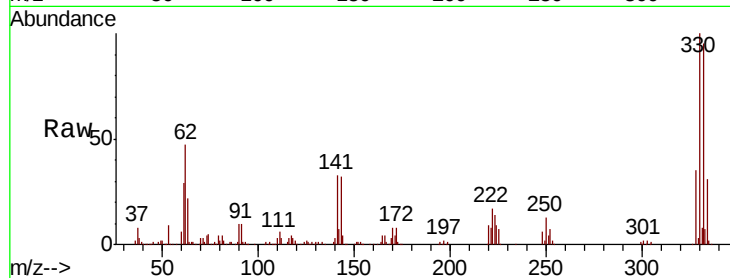




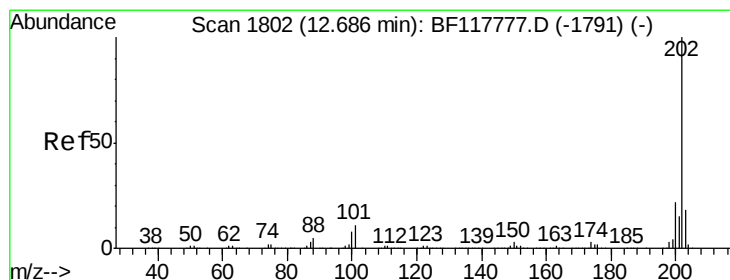
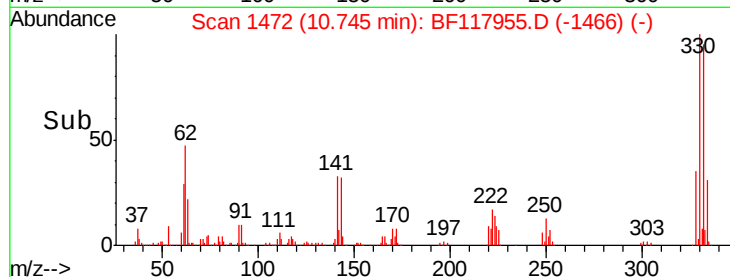
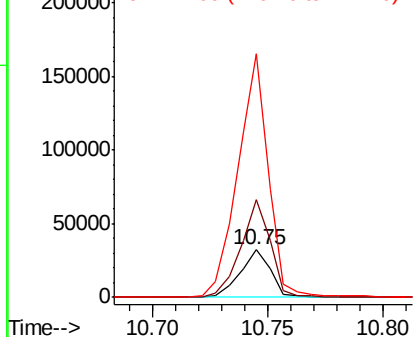
#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29568
Ion Ratio Lower Upper
248 100
250 207.6 76.6 115.0#
141 515.9 55.9 83.9#

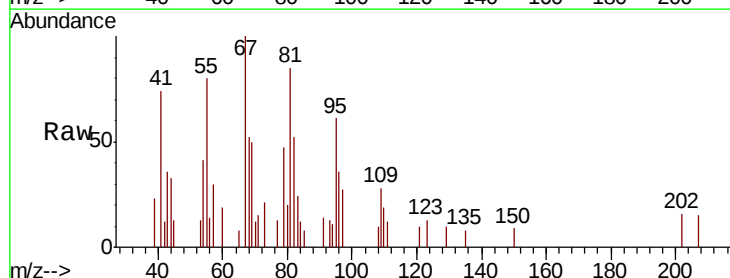


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

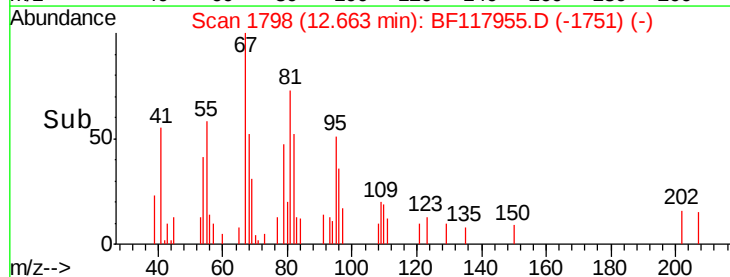
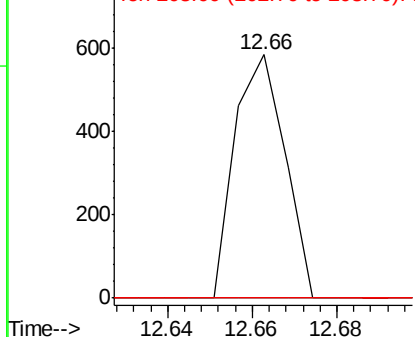


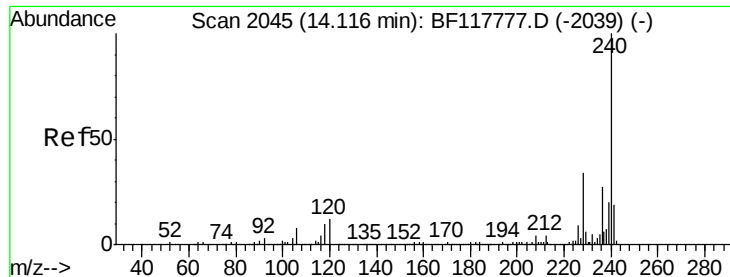
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:202 Resp: 480
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 0.0 0.0 38.2



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

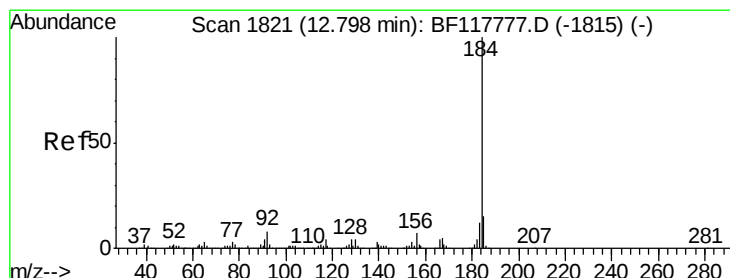
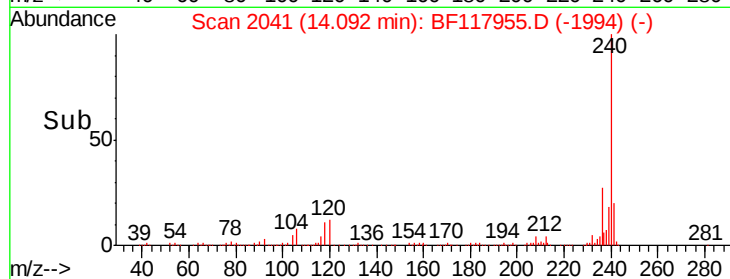
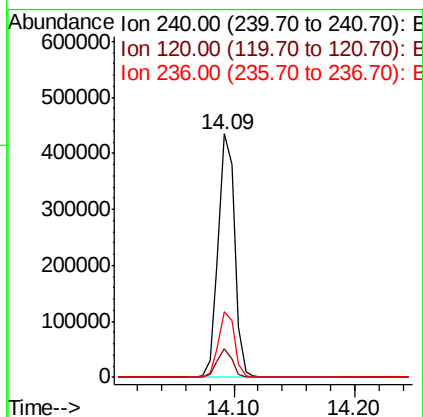
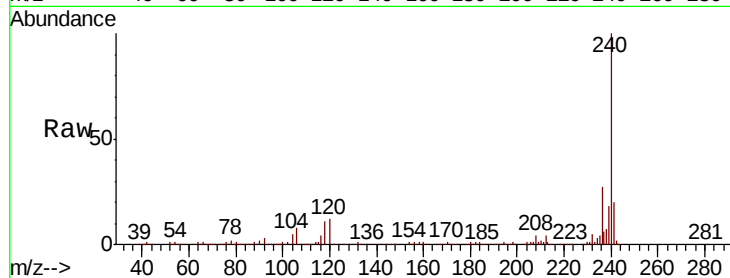




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF117955.D
 Acq: 23 Nov 2019 14:40

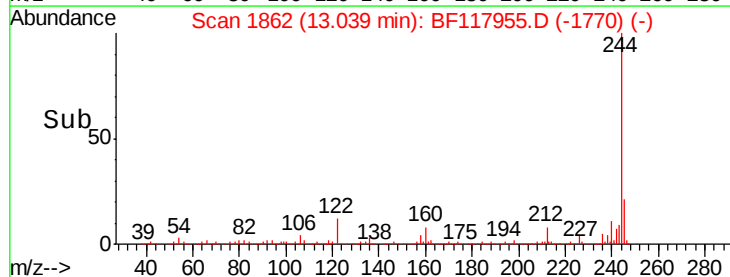
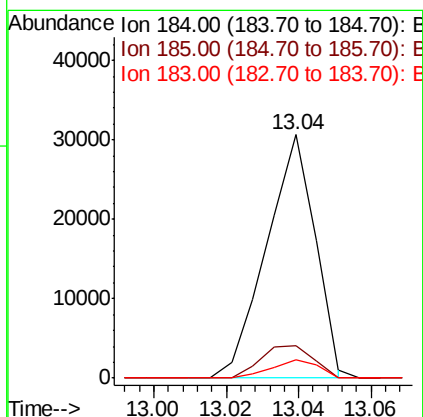
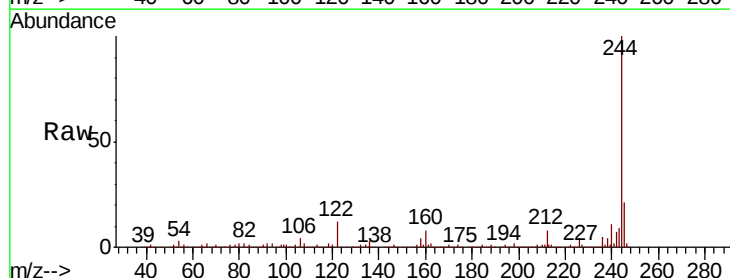
Instrument :
 BNA_F
 ClientSampleID :

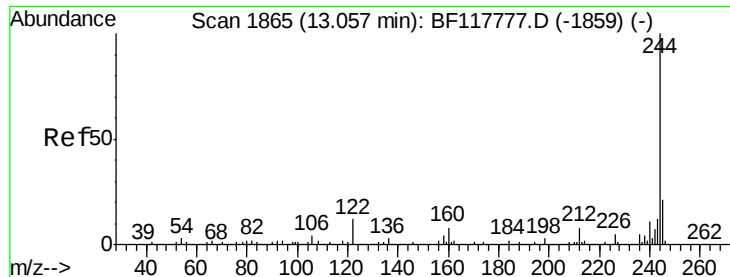
Tot Ion:240 Resp: 408023
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 27.0 21.3 31.9



#77
 Benzidine
 Concen: 2.149 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. 0.24 min
 Lab File: BF117955.D
 Acq: 23 Nov 2019 14:40

Tgt Ion:184 Resp: 28728
 Ion Ratio Lower Upper
 184 100
 185 13.5 12.2 18.4
 183 7.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 93.043 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

Instrument :

BNA_F

ClientSampled :

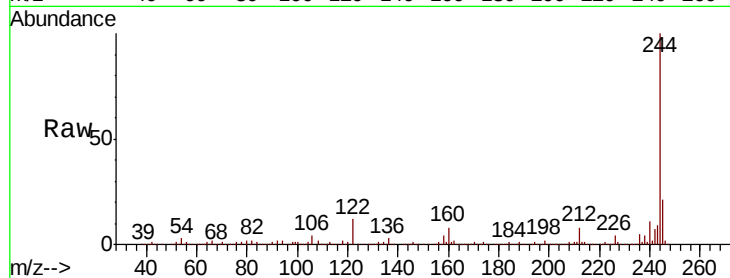
Tot Ion:244 Resp: 2077239

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

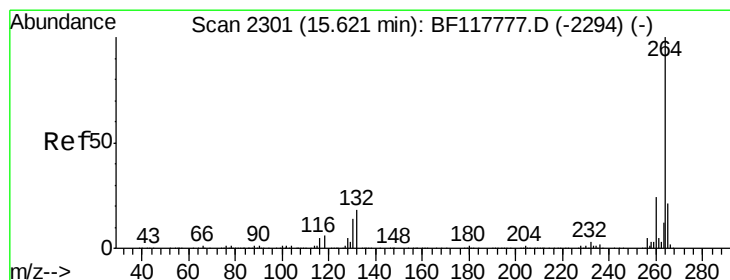
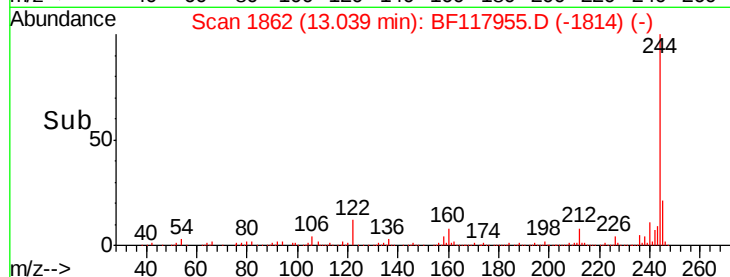
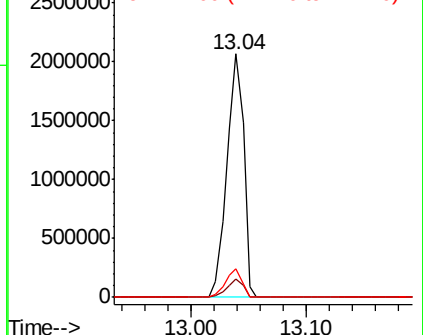
122 11.7 9.4 14.2



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: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117955.D

Acq: 23 Nov 2019 14:40

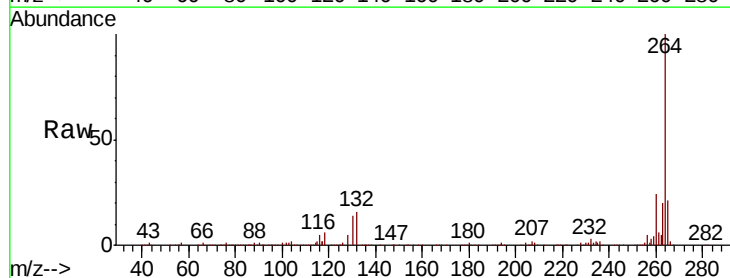
Tgt Ion:264 Resp: 350605

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 20.8 17.1 25.7



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

