

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119108.D
 Acq On : 27 Feb 2020 14:14
 Operator : CG/JU
 Sample : L1688-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:54:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

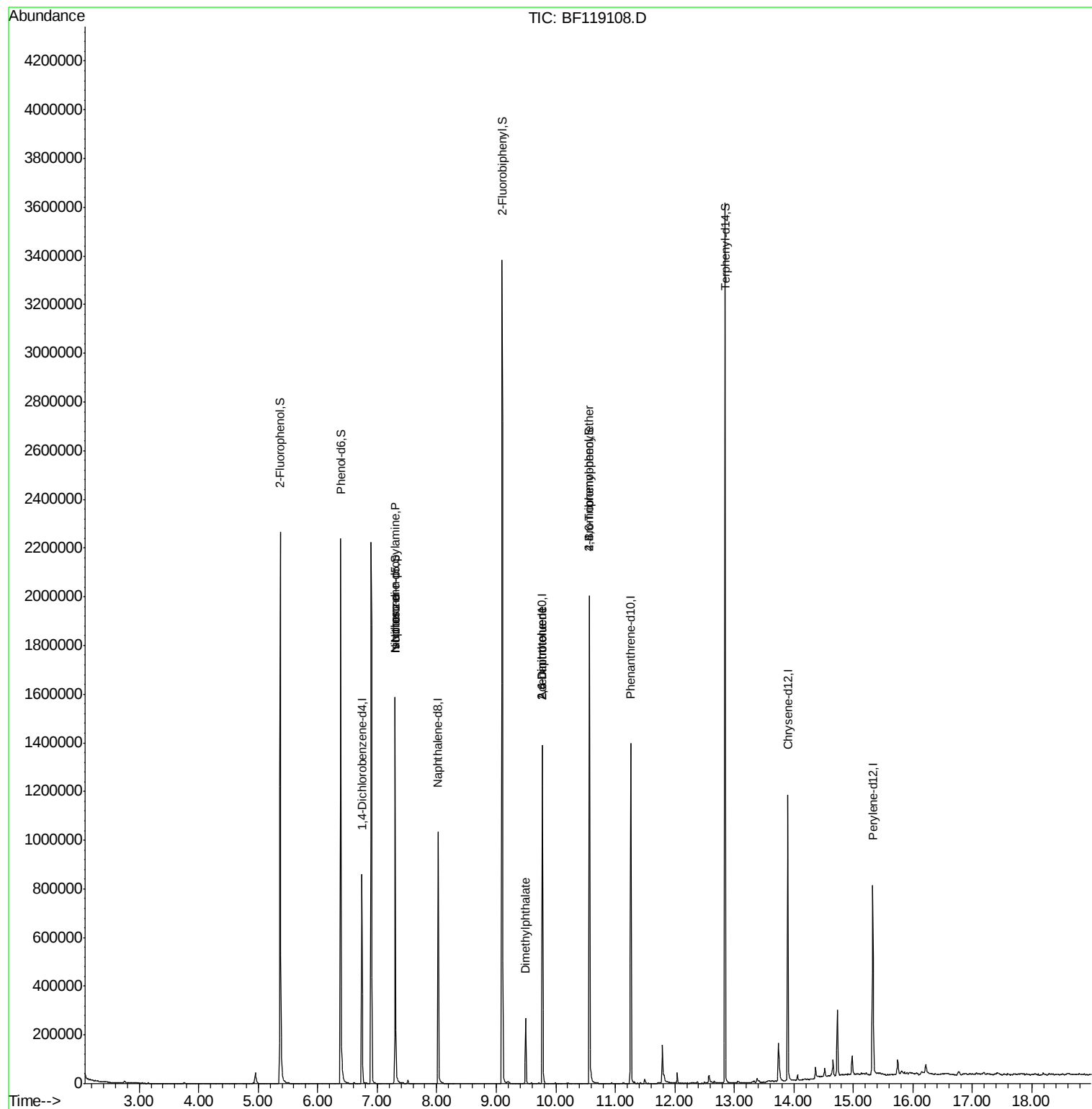
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	135840	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	537853	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	301183	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	549241	20.00	ng	0.00
76) Chrysene-d12	13.90	240	419515	20.00	ng	0.00
87) Perylene-d12	15.33	264	358762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	694242	85.41	ng	0.00
7) Phenol-d6	6.39	99	848583	85.84	ng	-0.02
23) Nitrobenzene-d5	7.30	82	548335	53.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	291717	74.04	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1098069	53.71	ng	-0.01
79) Terphenyl-d14	12.84	244	1285605	52.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	74270	12.893	ng	# 76
25) Isophorone	7.30	82	548332	30.995	ng	# 63
50) Dimethylphthalate	9.49	163	119583	5.192	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	38486	7.522	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	38486	5.803	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	19303	2.689	ng	# 1

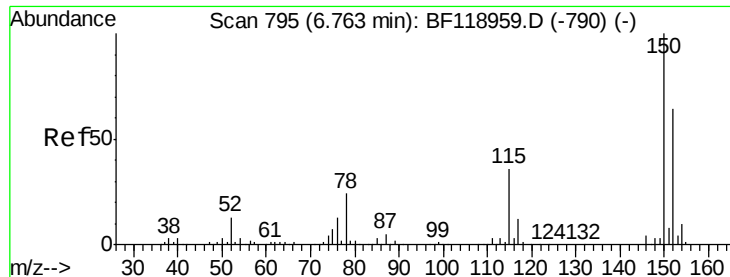
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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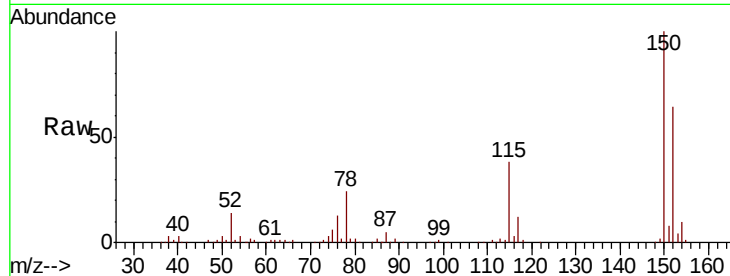


#1

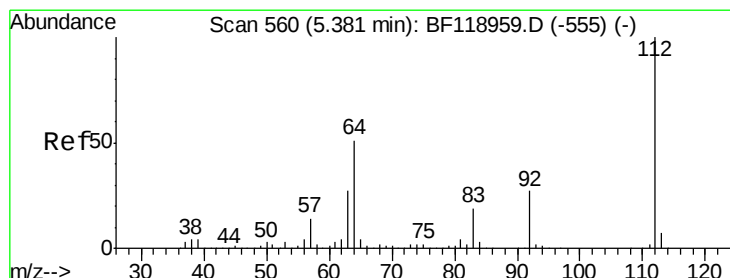
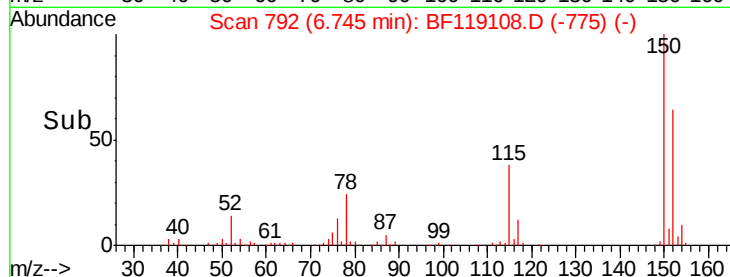
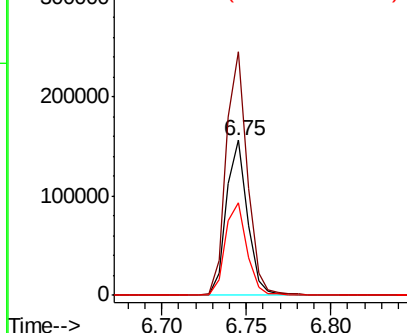
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135840
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 59.7 49.5 74.3



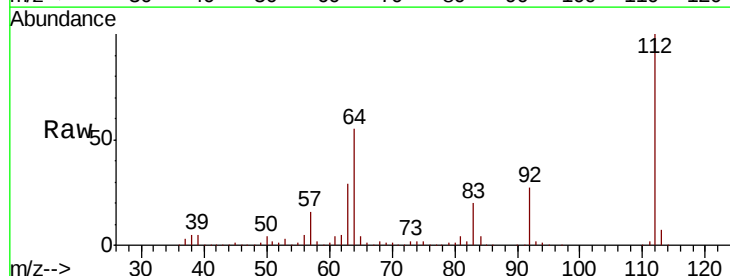
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



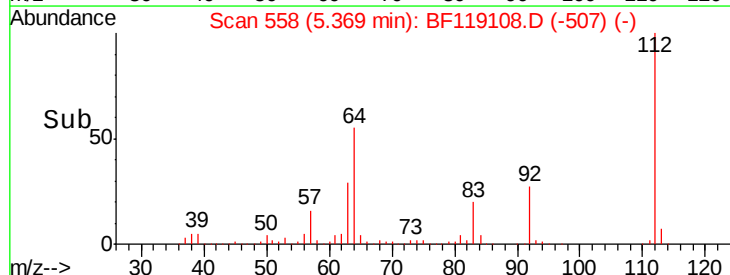
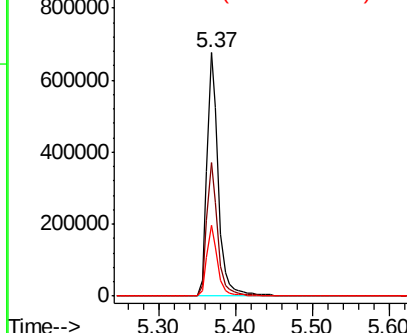
#5

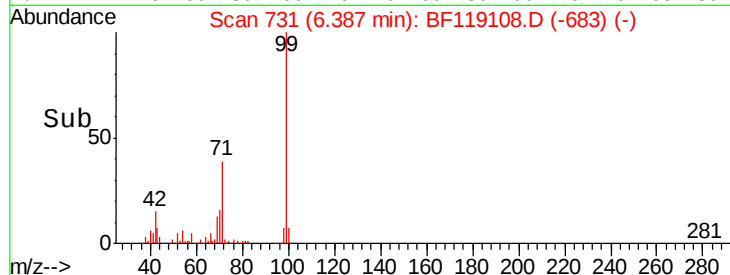
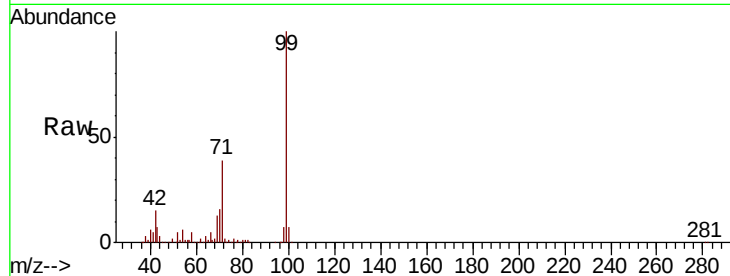
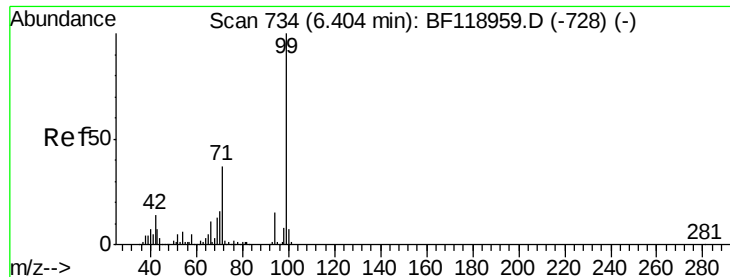
2-Fluorophenol
Concen: 85.409 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Tgt Ion:112 Resp: 694242
Ion Ratio Lower Upper
112 100
64 55.1 45.0 67.4
63 29.2 24.2 36.4



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: 85.840 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

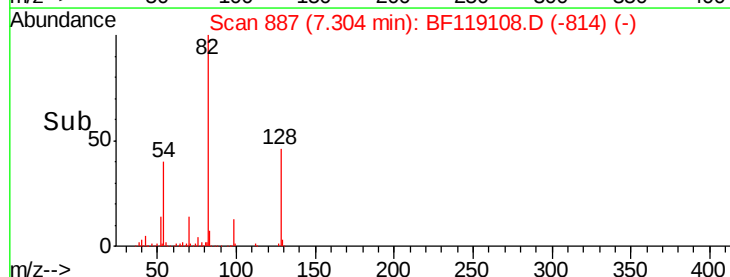
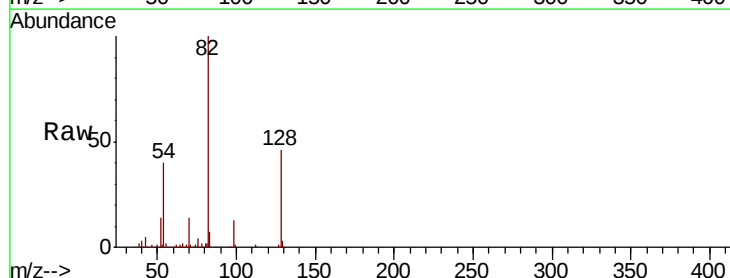
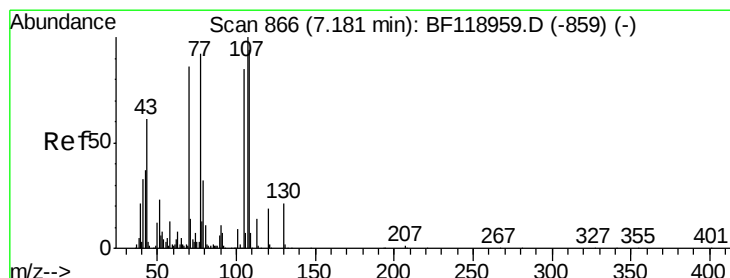
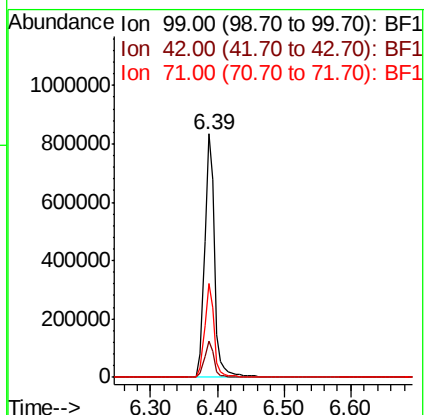
Tot Ion: 99 Resp: 848583

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.5 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.893 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

Tgt Ion: 70 Resp: 74270

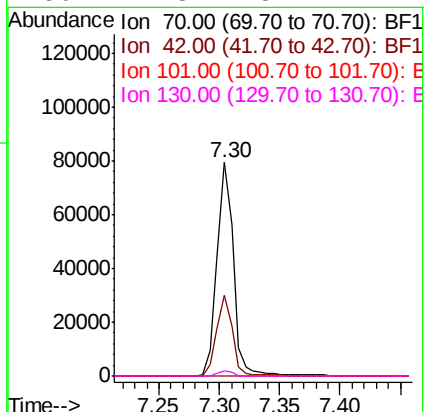
Ion Ratio Lower Upper

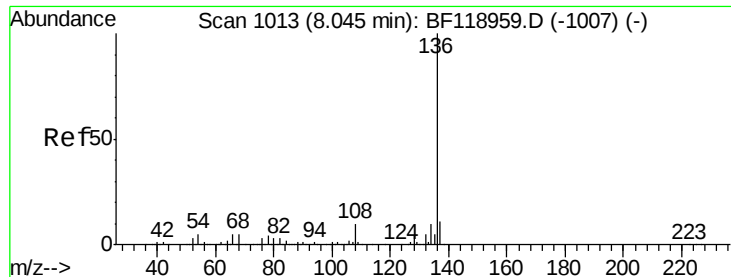
70 100

42 37.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

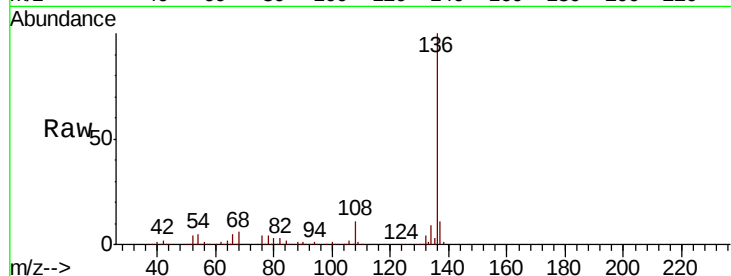




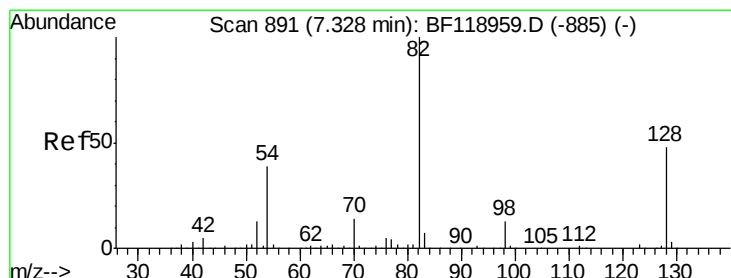
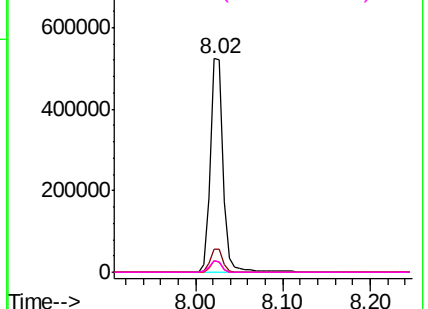
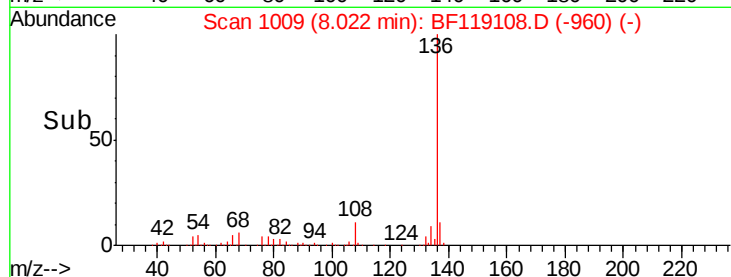
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	537853
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	5.4	3.8 5.6
68	5.6	3.9 5.9

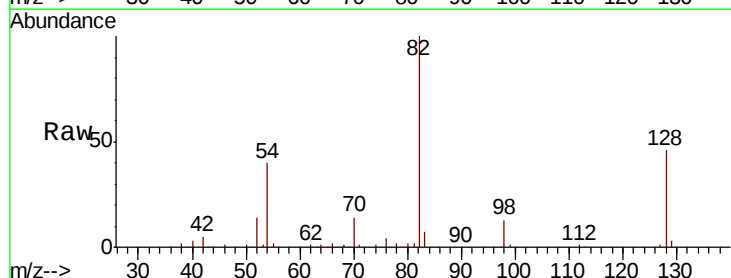


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

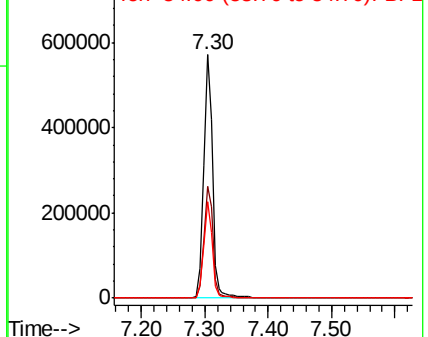
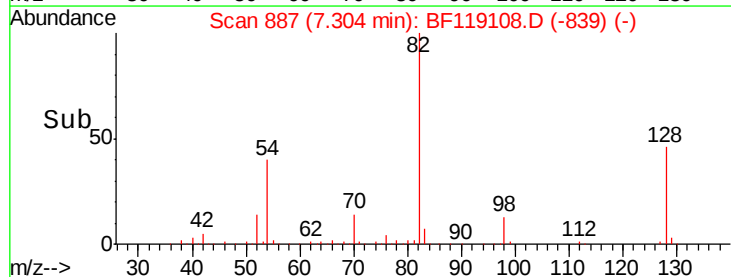


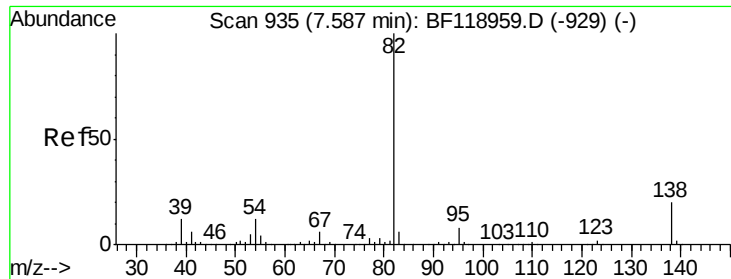
#23
Nitrobenzene-d5
Concen: 53.829 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Tgt Ion: 82	Resp:	548335
Ion	Ratio	Lower Upper
82	100	
128	45.9	37.9 56.9
54	39.8	33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.995 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

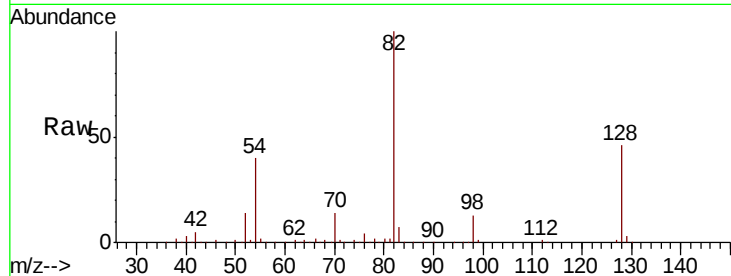
Tot Ion: 82 Resp: 548332

Ion Ratio Lower Upper

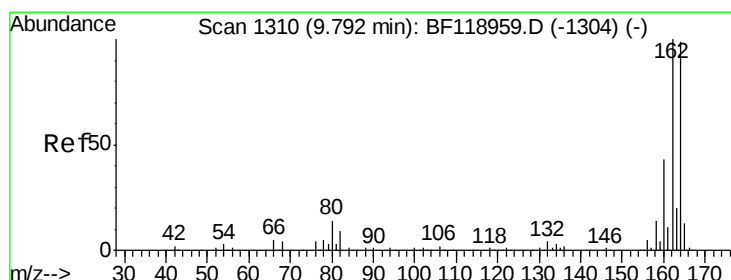
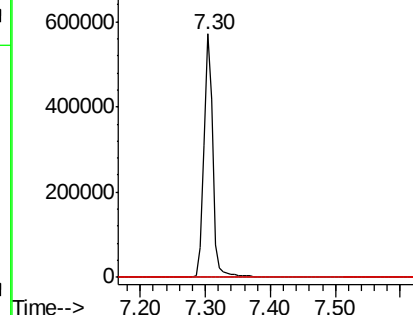
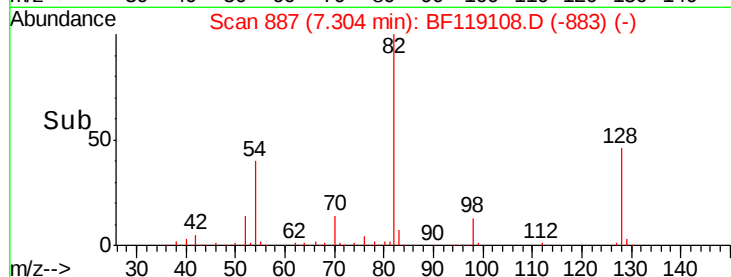
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

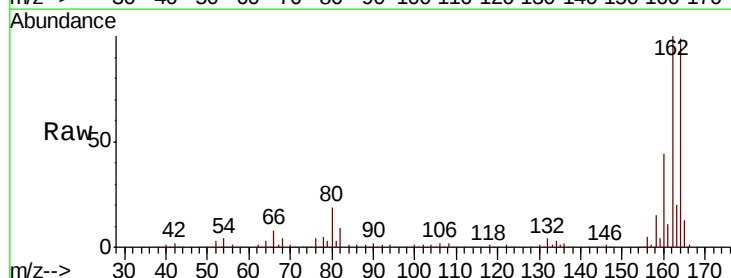
Tgt Ion: 164 Resp: 301183

Ion Ratio Lower Upper

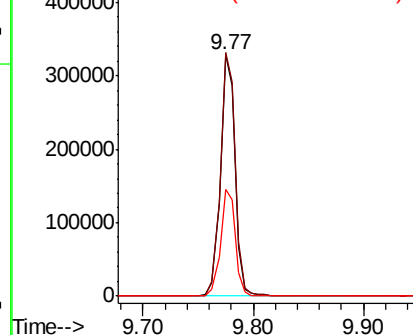
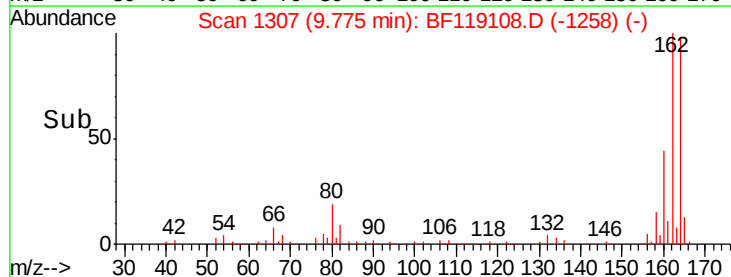
164 100

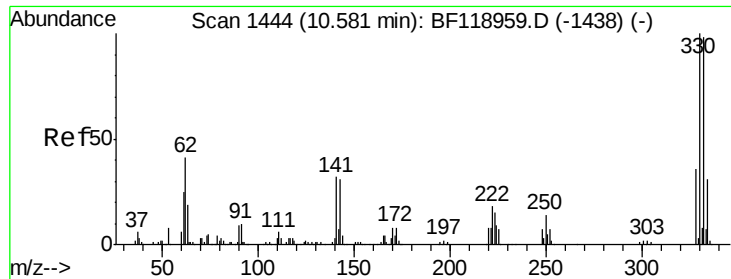
162 100.9 81.8 122.8

160 44.3 36.0 54.0



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

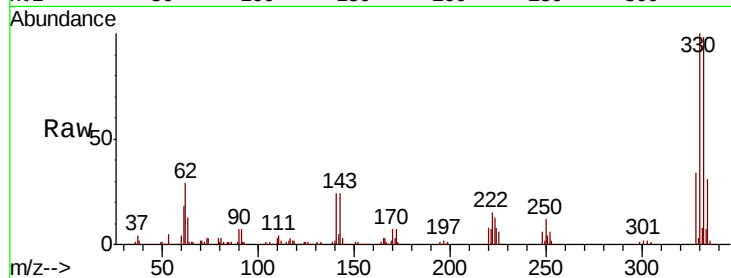




#42
 2,4,6-Tribromophenol
 Concen: 74.040 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	29.8	22.9	34.3

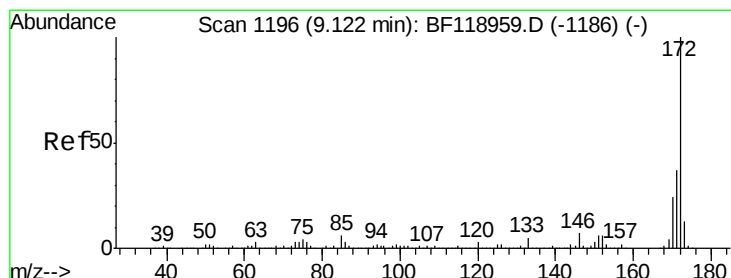
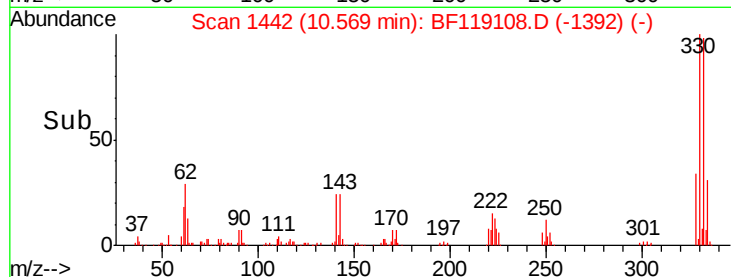
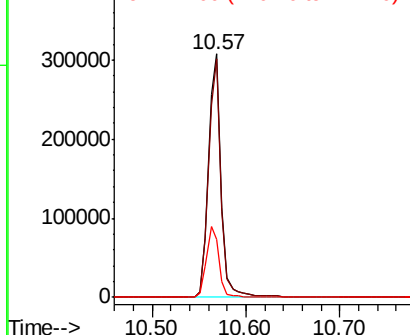


Abundance

Ion 329.80 (329.50 to 330.50): E

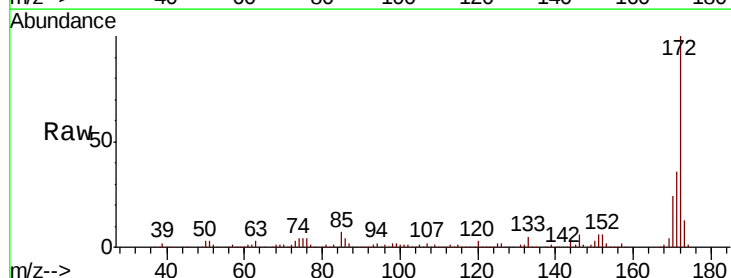
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.710 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	24.0	20.2	30.2

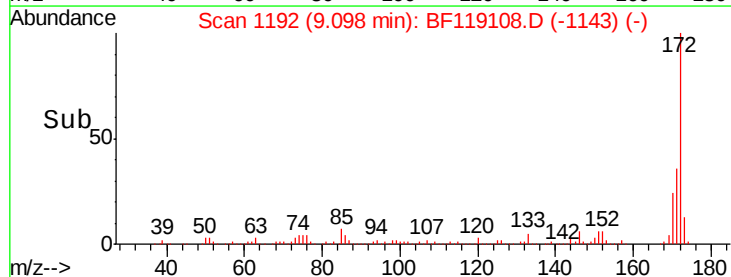
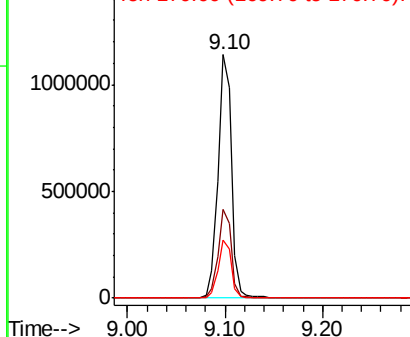


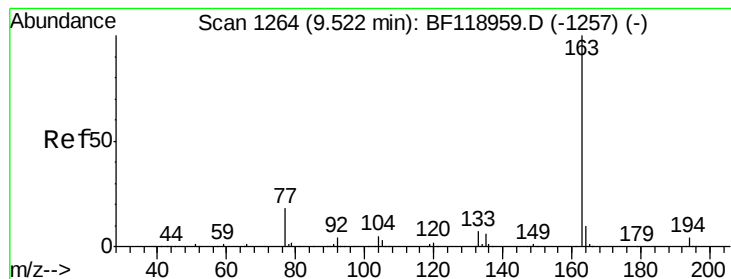
Abundance

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: 5.192 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

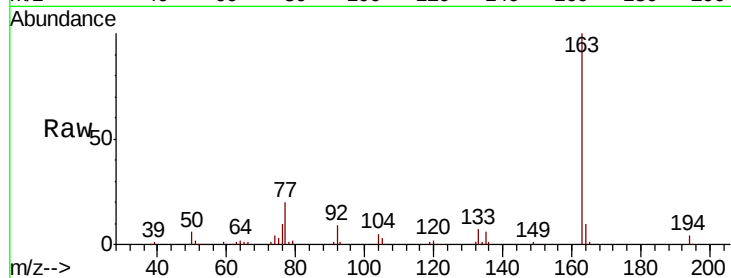
Tot Ion:163 Resp: 119583

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

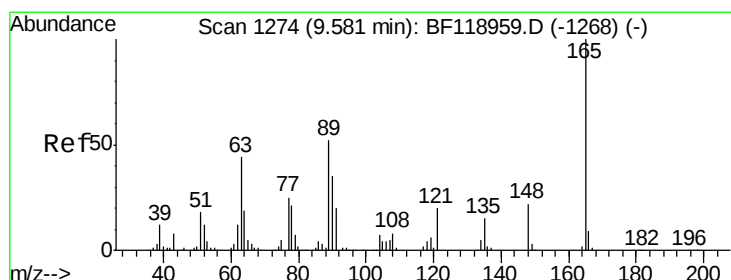
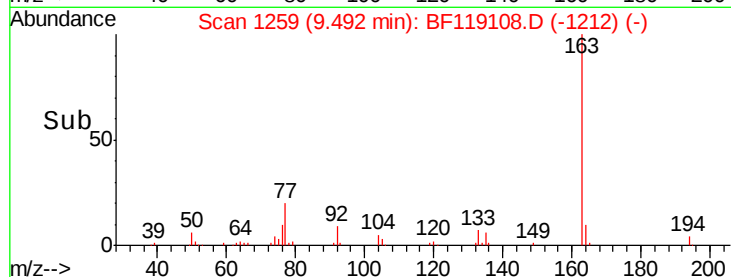
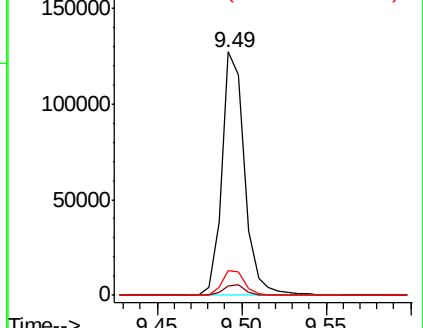
164 10.1 8.4 12.6



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: 7.522 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119108.D

Acq: 27 Feb 2020 14:14

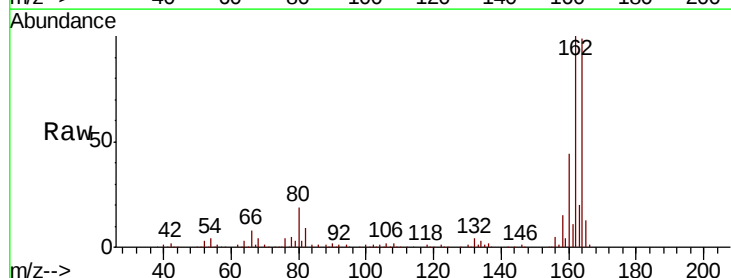
Tgt Ion:165 Resp: 38486

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

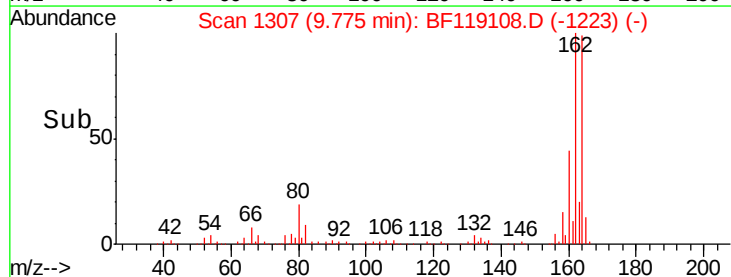
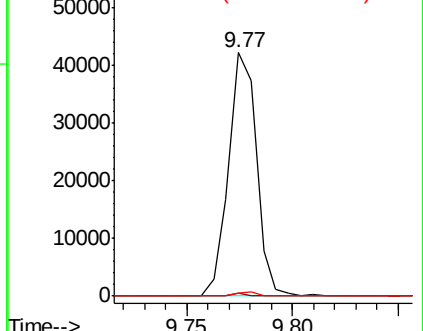
89 1.5 38.3 57.5#

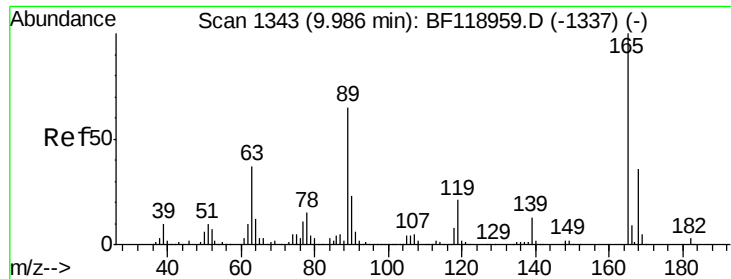


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

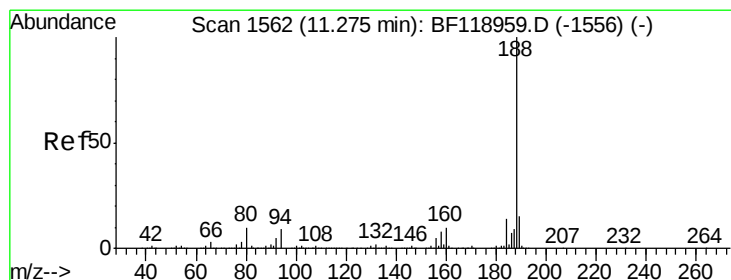
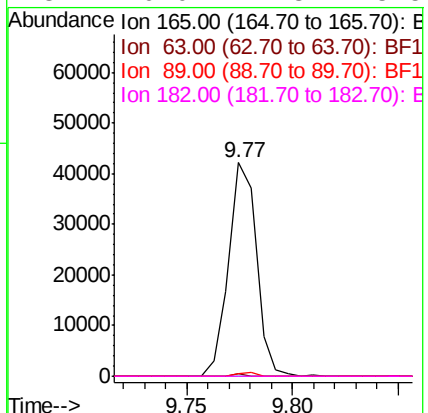
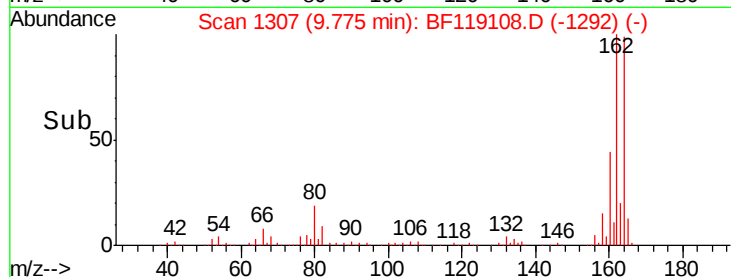
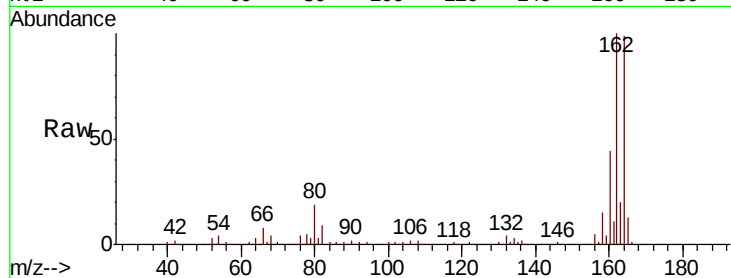




#57
 2,4-Dinitrotoluene
 Concen: 5.803 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

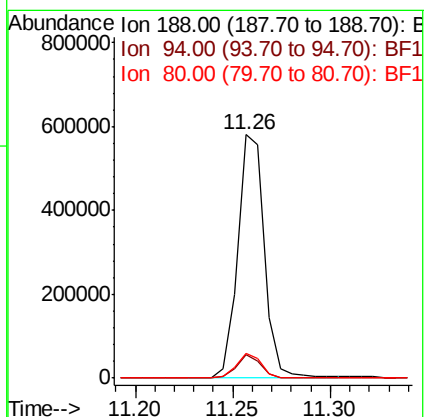
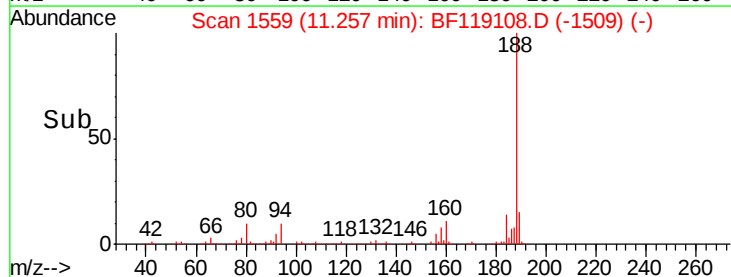
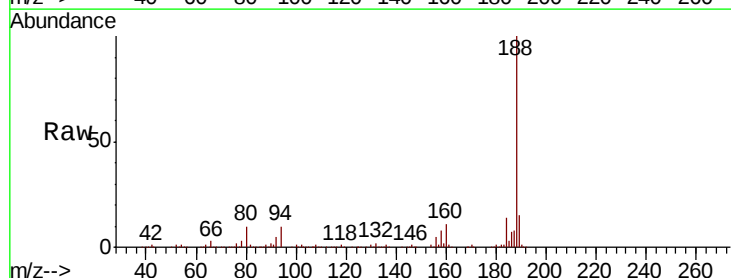
Instrument :
 BNA_F
 ClientSampleId :

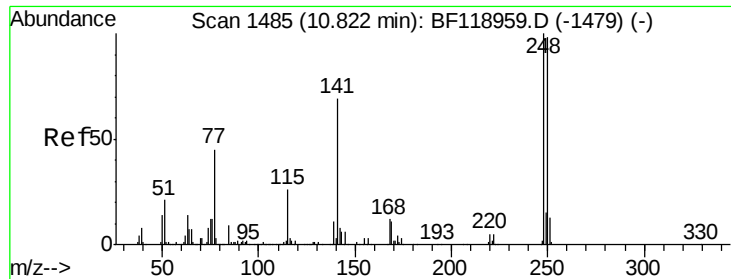
Tot Ion:165	Resp:	38486
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.3 63.5#
89	1.5	60.2 90.4#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

Tgt Ion:188	Resp:	549241
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.1 10.7
80	10.1	7.8 11.8

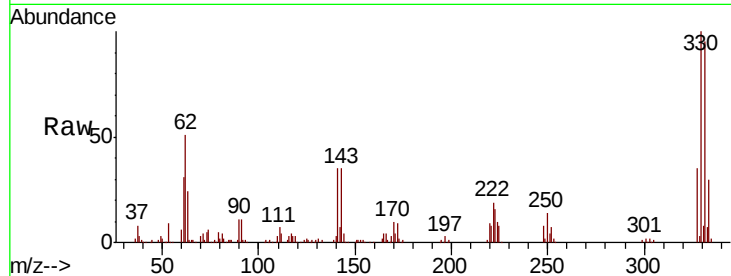




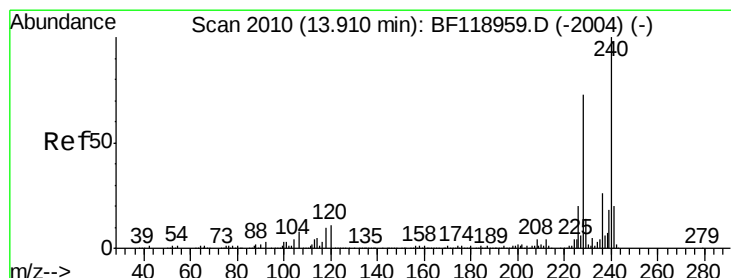
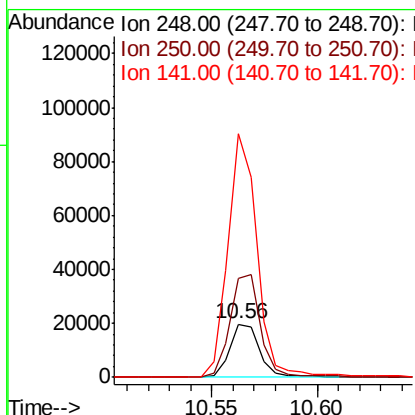
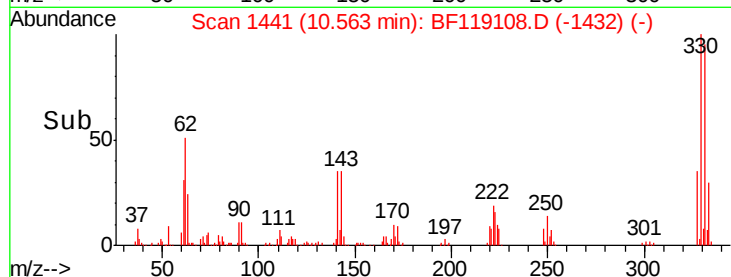
#67
4-Bromophenyl-phenylether
Concen: 2.689 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19303
Ion Ratio Lower Upper
248 100
250 186.5 76.7 115.1#
141 459.9 60.7 91.1#

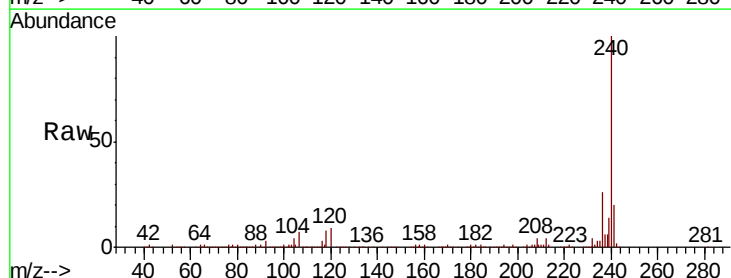


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

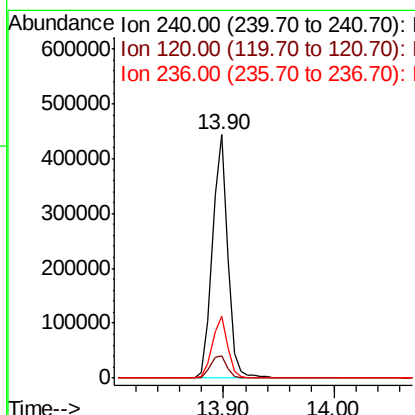
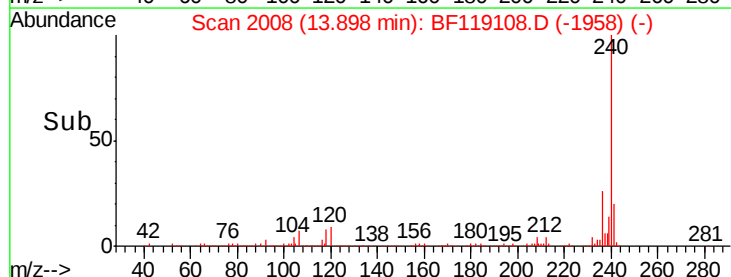


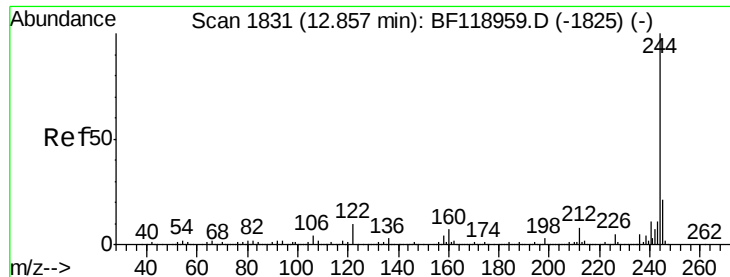
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119108.D
Acq: 27 Feb 2020 14:14

Tgt Ion:240 Resp: 419515
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.6 21.0 31.4



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

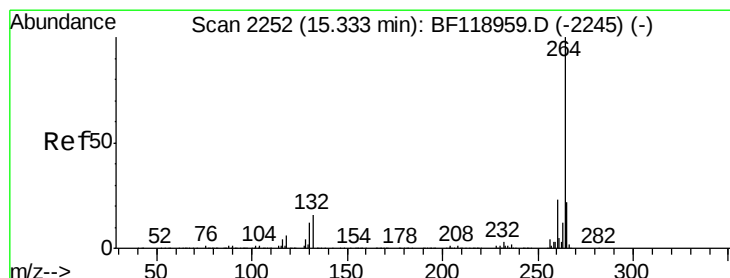
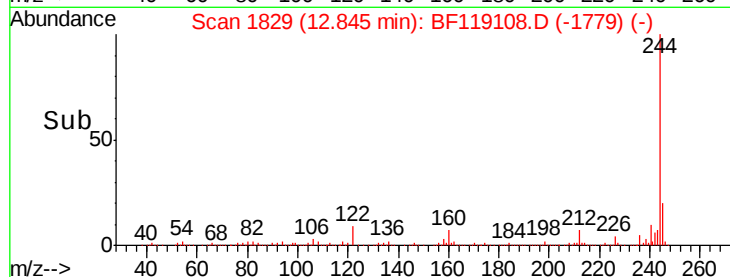
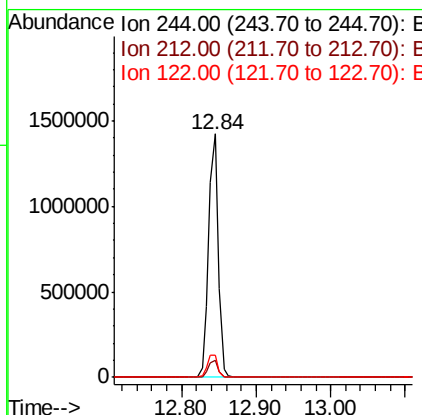
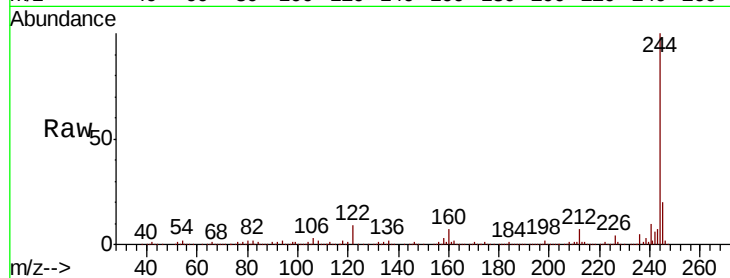




#79
 Terphenyl-d14
 Concen: 52.761 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1285605
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 9.2 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119108.D
 Acq: 27 Feb 2020 14:14

Tgt Ion:264 Resp: 358762
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 17.7 26.5

