

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119071.D
 Acq On : 25 Feb 2020 18:18
 Operator : CG/JU
 Sample : L1671-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:27:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

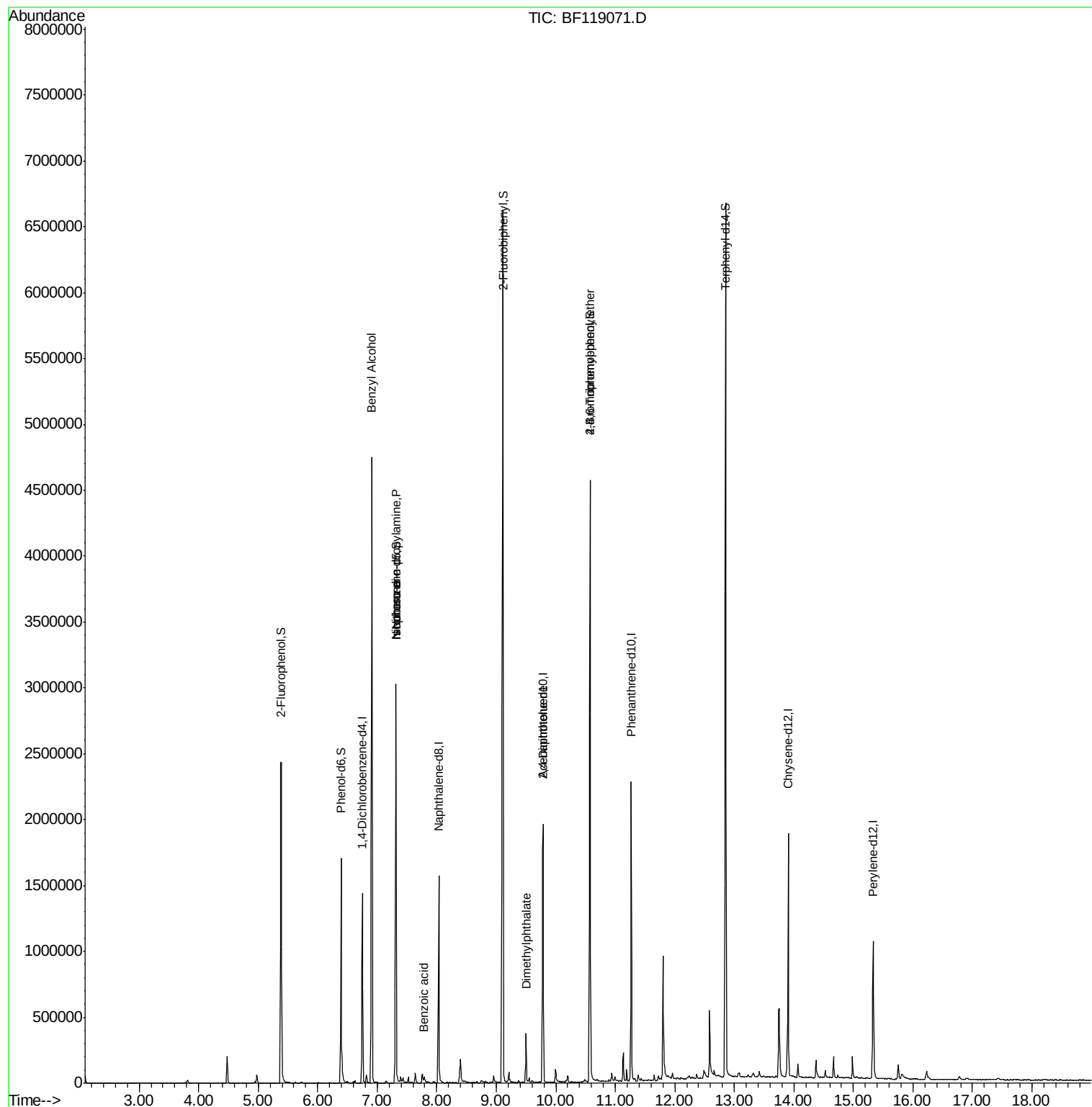
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	216069	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	815363	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	456358	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	838327	20.00	ng	0.00
76) Chrysene-d12	13.90	240	641739	20.00	ng	0.00
87) Perylene-d12	15.33	264	512957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	813539	62.92	ng	0.00
7) Phenol-d6	6.39	99	629869	40.06	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1369579	88.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	775955	129.98	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2594725	83.76	ng	-0.01
79) Terphenyl-d14	12.86	244	2715380	72.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	24329	2.141	ng	# 47
19) n-Nitroso-di-n-propylamine	7.32	70	191238	20.872	ng	# 77
25) Isophorone	7.32	82	1354211	50.494	ng	# 63
32) Benzoic acid	7.80	122	3051	7.008	ng	94
50) Dimethylphthalate	9.50	163	165593	4.745	ng	98
57) 2,4-Dinitrotoluene	9.79	165	59769	5.948	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	51167	4.669	ng	# 1

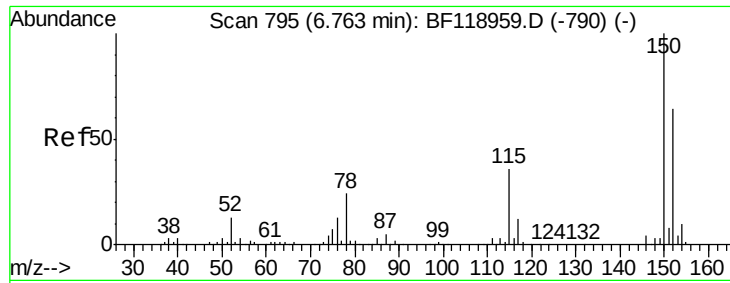
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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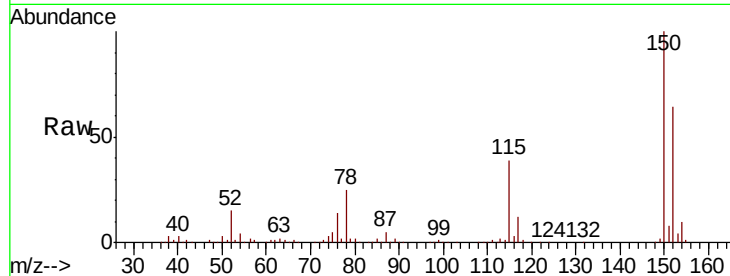




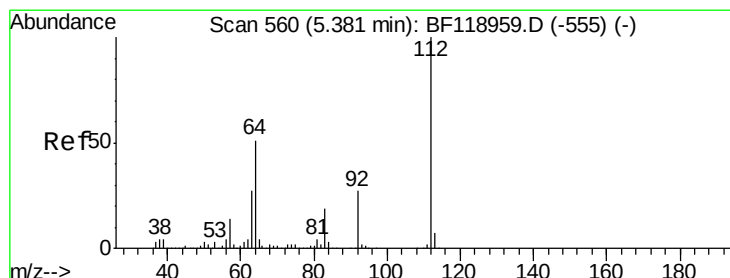
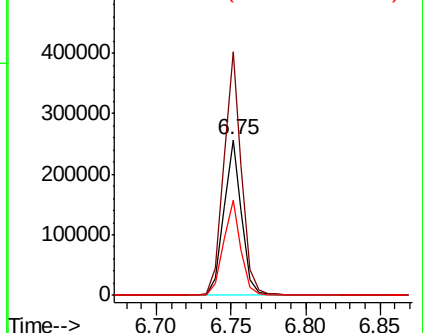
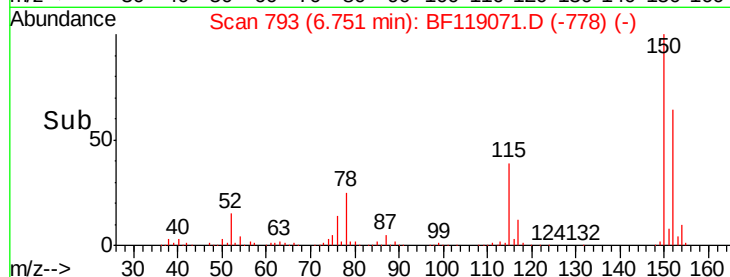
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 216069
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.3 186.5
 115 60.8 44.6 67.0

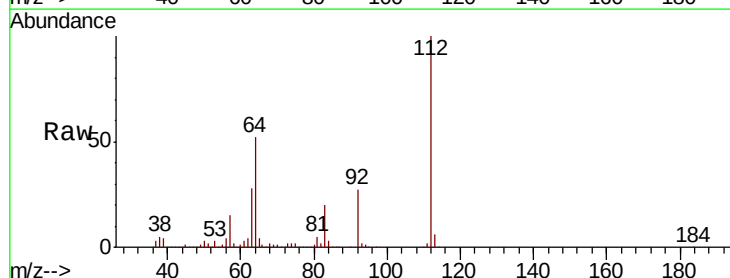


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

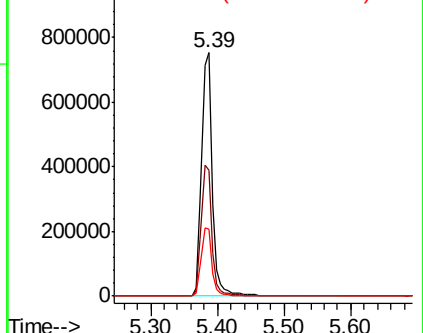
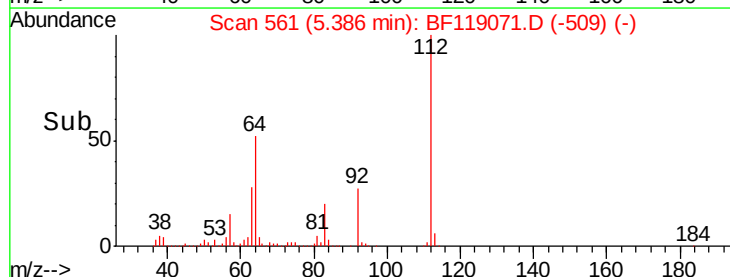


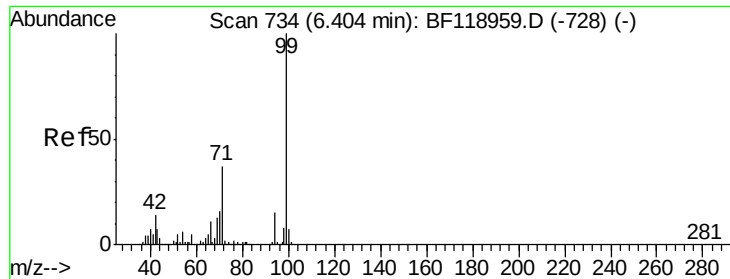
#5
 2-Fluorophenol
 Concen: 62.923 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Tgt Ion:112 Resp: 813539
 Ion Ratio Lower Upper
 112 100
 64 51.8 40.4 60.6
 63 27.7 21.3 31.9



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: 40.057 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Instrument :

BNA_F

ClientSampleId :

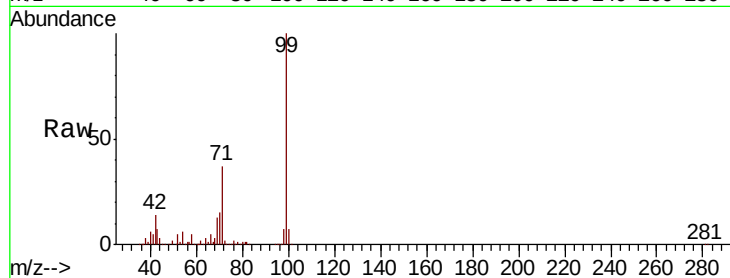
Tot Ion: 99 Resp: 629869

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

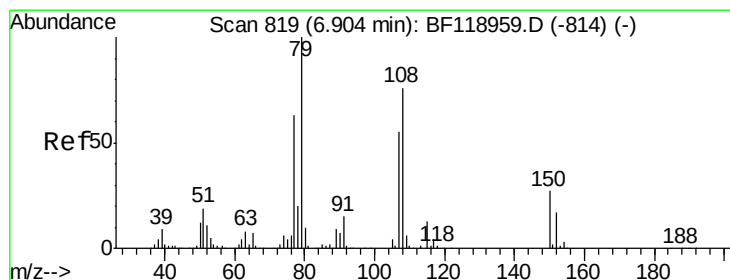
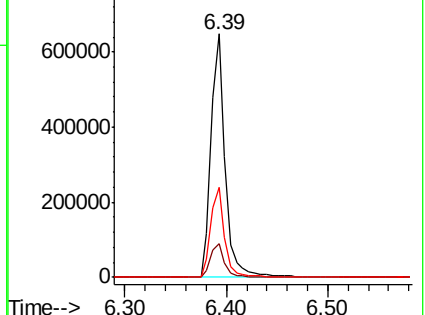
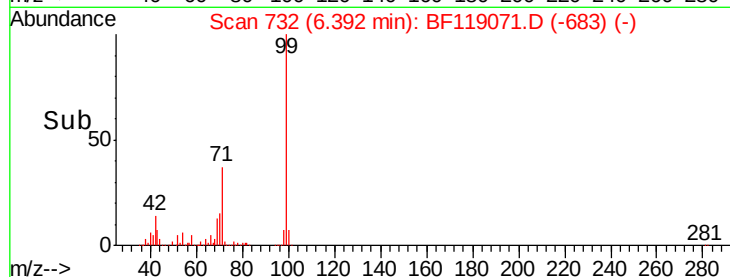
71 37.2 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.141 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

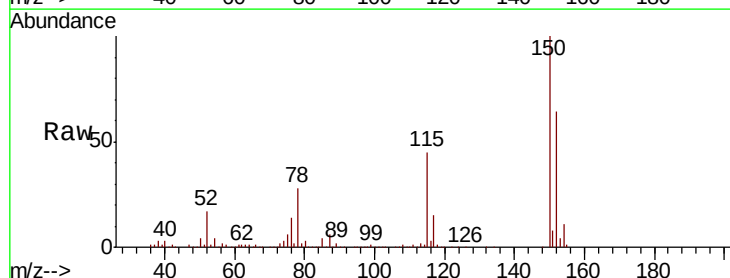
Tgt Ion: 79 Resp: 24329

Ion Ratio Lower Upper

79 100

108 31.7 61.1 91.7#

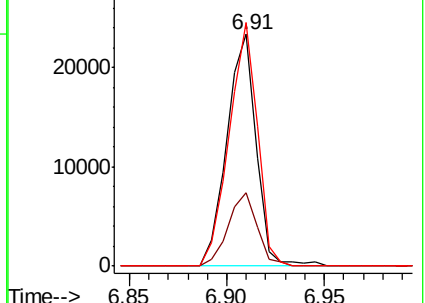
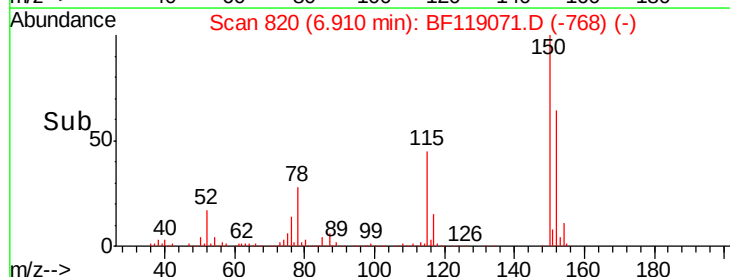
77 104.9 50.2 75.2#

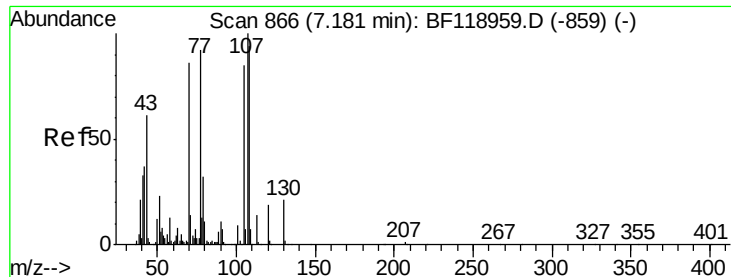


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

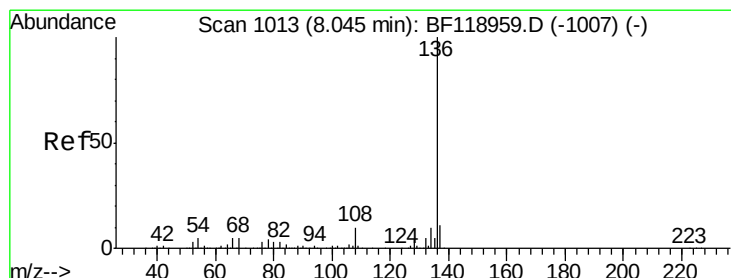
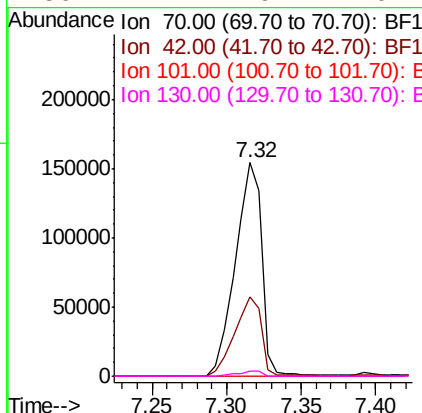
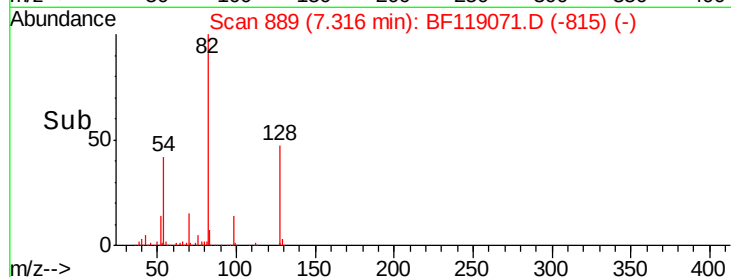
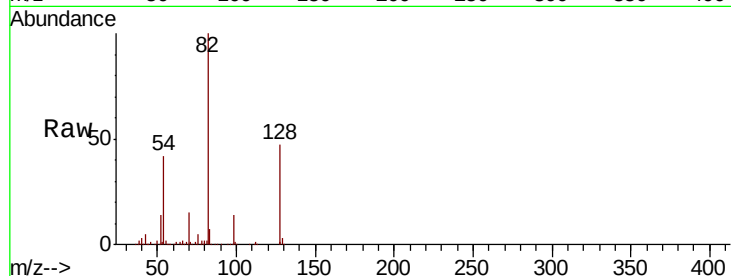




#19
n-Nitroso-di-n-propylamine
Concen: 20.872 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

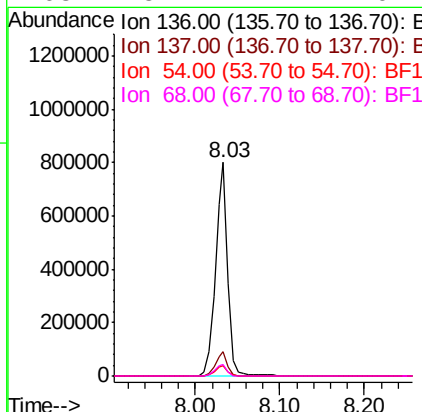
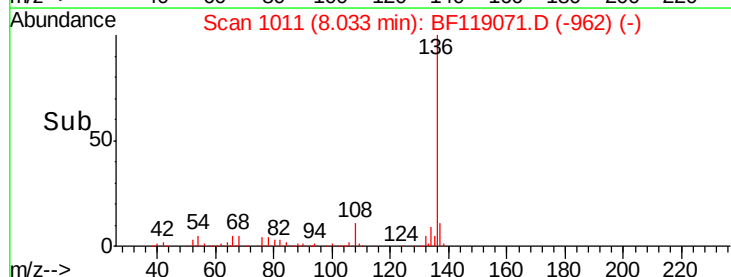
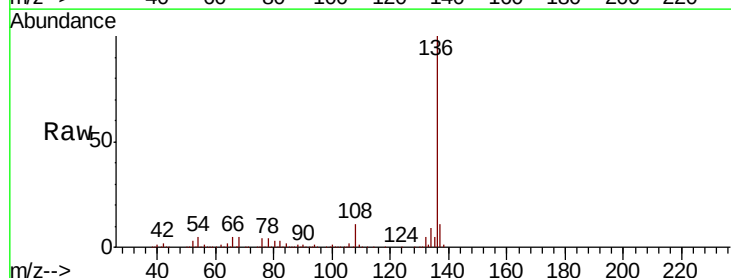
Instrument :
BNA_F
ClientSampled :

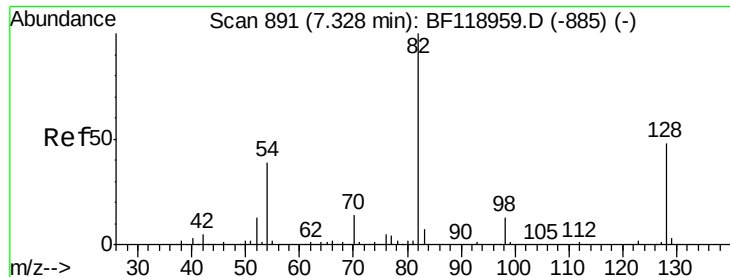
Tot Ion:	70	Resp:	191238
Ion	Ratio	Lower	Upper
70	100		
42	37.1	34.6	51.8
101	0.0	8.1	12.1#
130	2.1	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion:	136	Resp:	815363
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	4.9	3.8	5.6
68	5.1	4.2	6.2

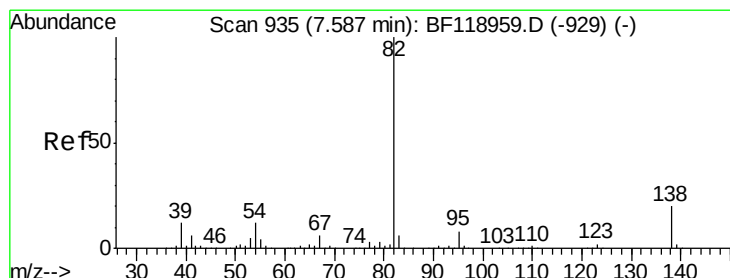
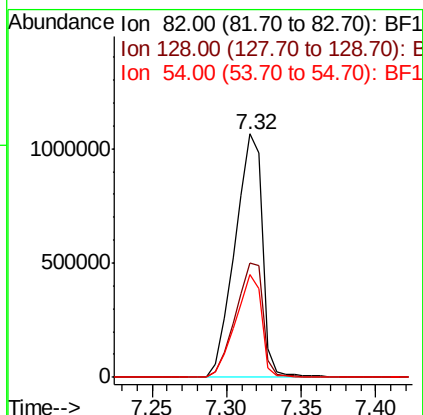
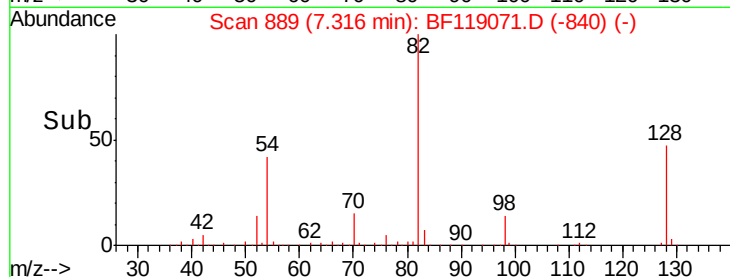
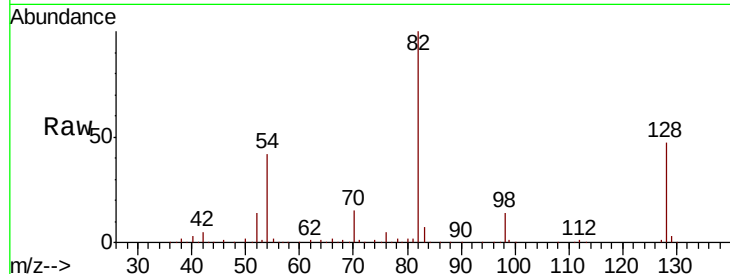




#23
Nitrobenzene-d5
Concen: 88.689 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

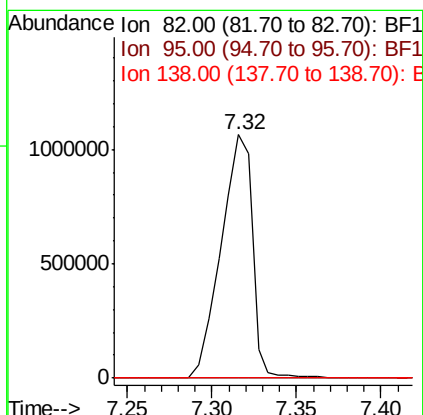
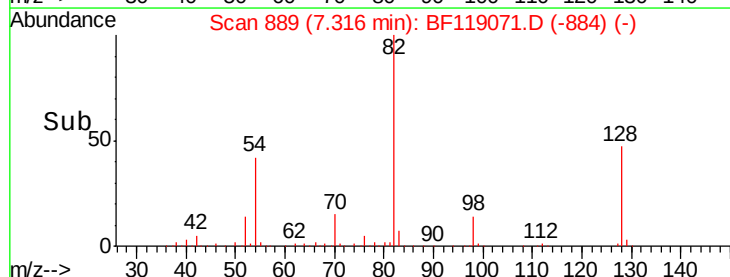
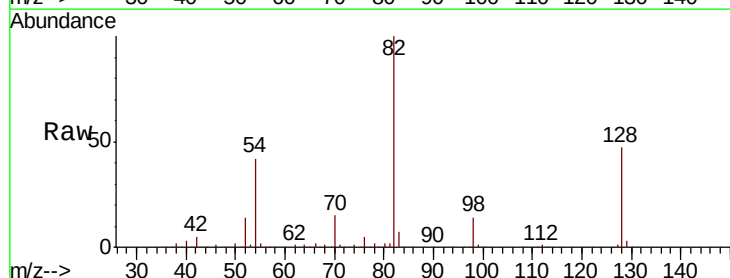
Instrument :
BNA_F
ClientSampleId :

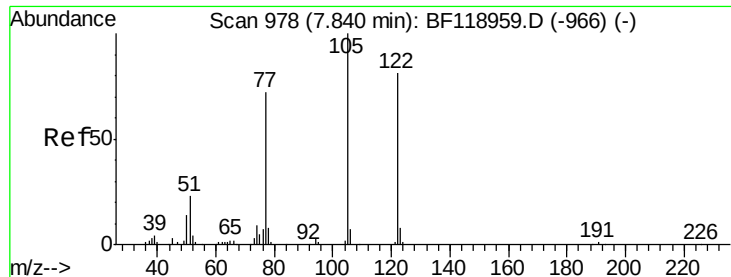
Tot Ion: 82 Resp: 1369579
Ion Ratio Lower Upper
82 100
128 46.7 38.2 57.2
54 42.0 31.3 46.9



#25
Isophorone
Concen: 50.494 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion: 82 Resp: 1354211
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#

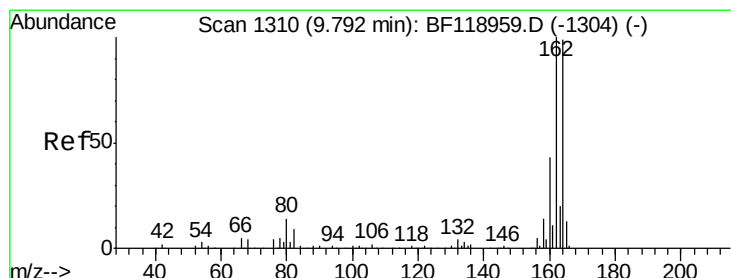
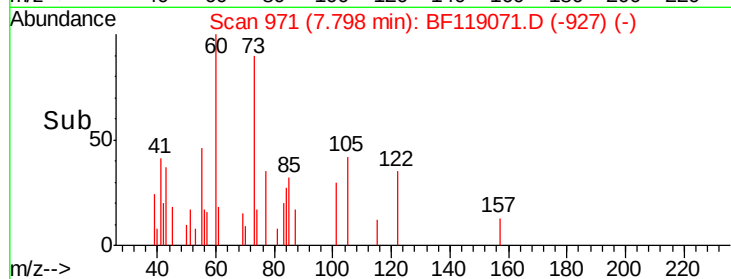
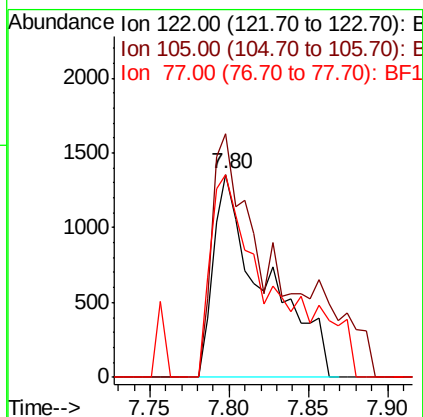
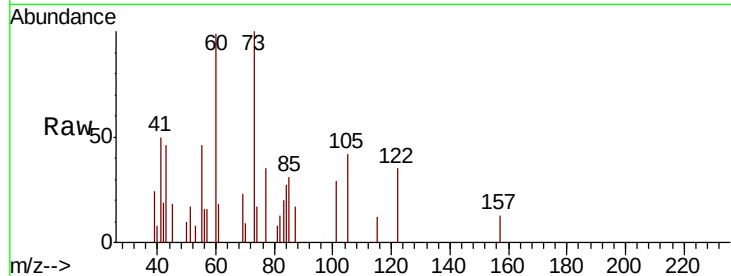




#32
Benzoic acid
Concen: 7.008 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

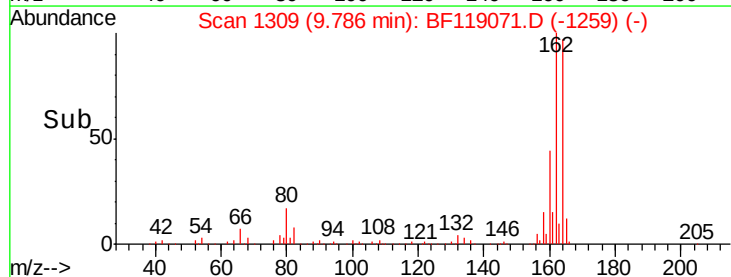
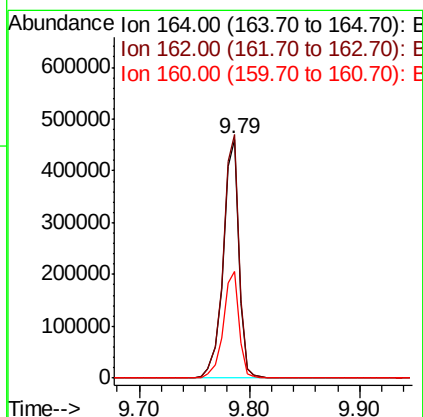
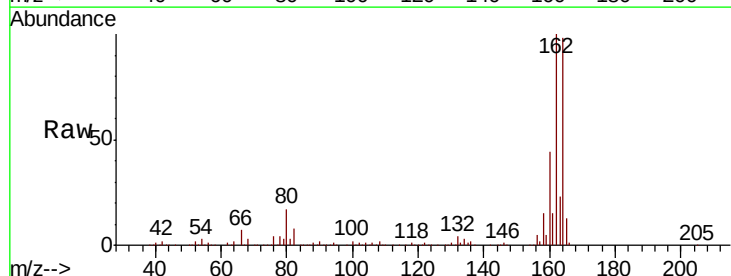
Instrument :
BNA_F
ClientSampleId :

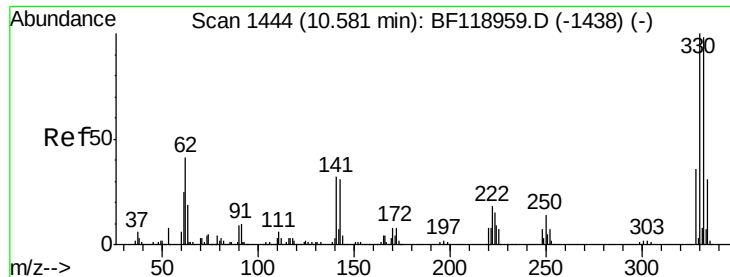
Tot Ion:122 Resp: 3051
Ion Ratio Lower Upper
122 100
105 119.8 102.2 142.2
77 99.6 68.6 108.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion:164 Resp: 456358
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 44.9 35.2 52.8

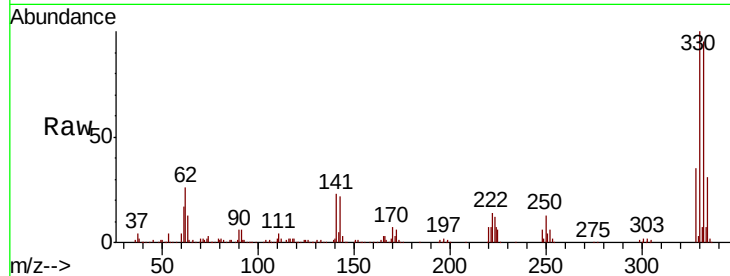




#42
 2,4,6-Tribromophenol
 Concen: 129.977 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.4	23.0	34.6

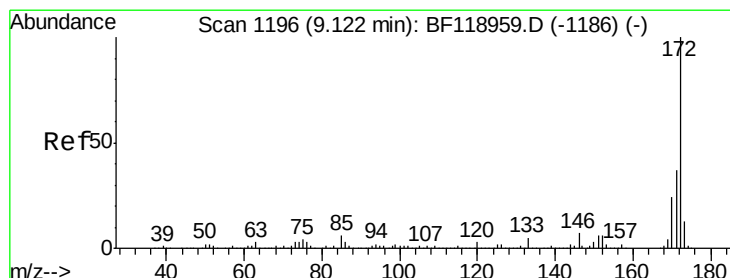
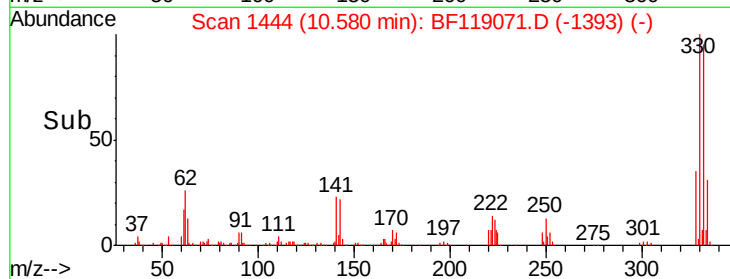
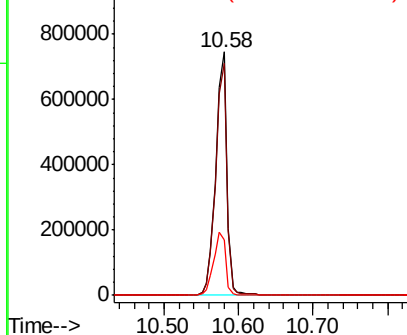


Abundance

Ion 329.80 (329.50 to 330.50): E

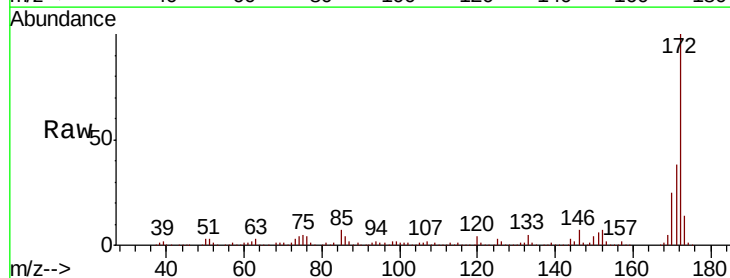
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.760 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	24.8	19.6	29.4

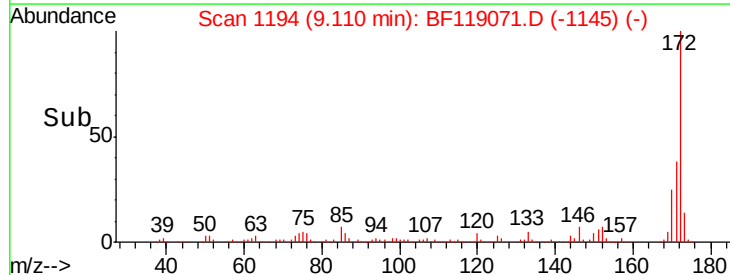
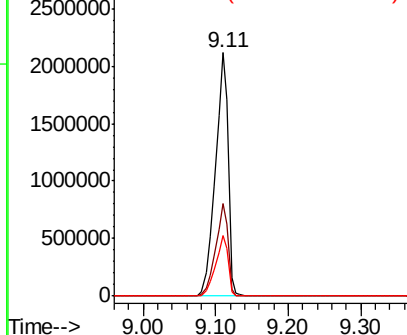


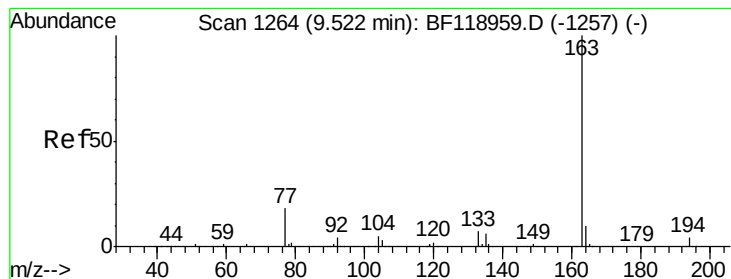
Abundance

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: 4.745 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Instrument :

BNA_F

ClientSampleId :

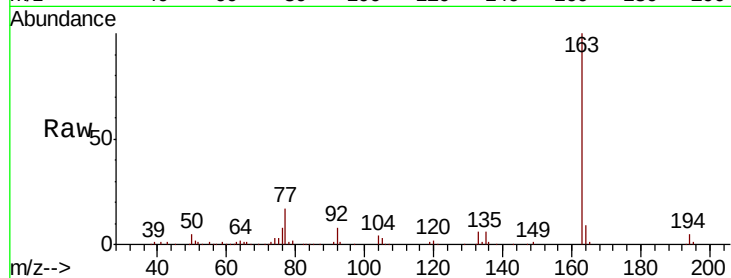
Tot Ion:163 Resp: 165593

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

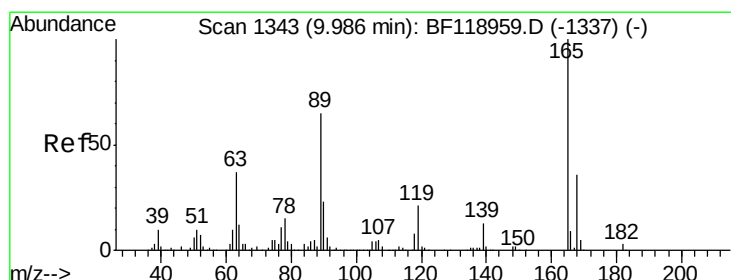
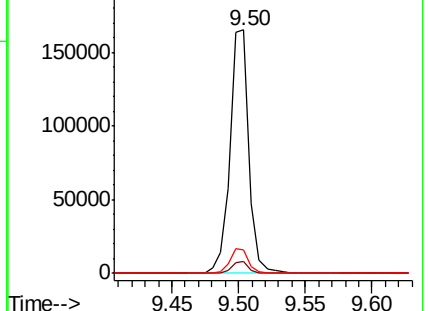
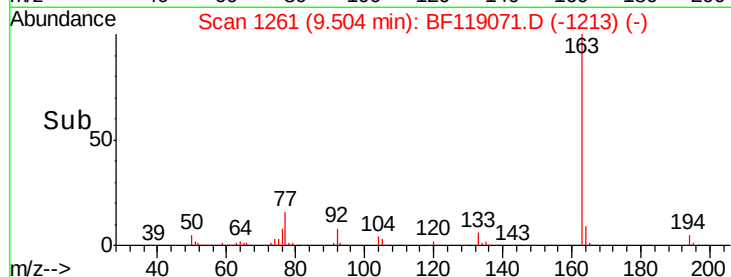
164 9.4 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.948 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Tgt Ion:165 Resp: 59769

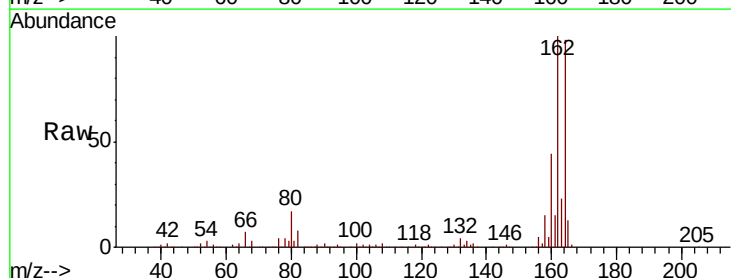
Ion Ratio Lower Upper

165 100

63 1.4 29.8 44.8#

89 1.9 51.9 77.9#

182 0.0 2.3 3.5#

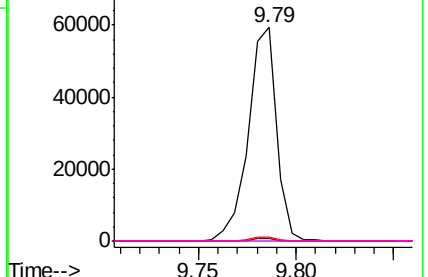
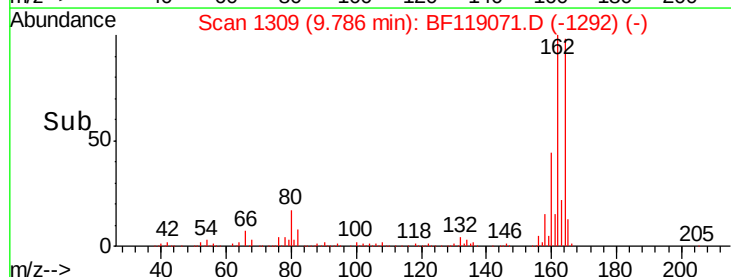


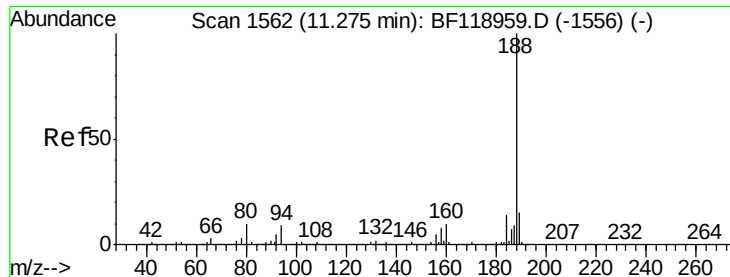
Abundance Ion 165.00 (164.70 to 165.70): E

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

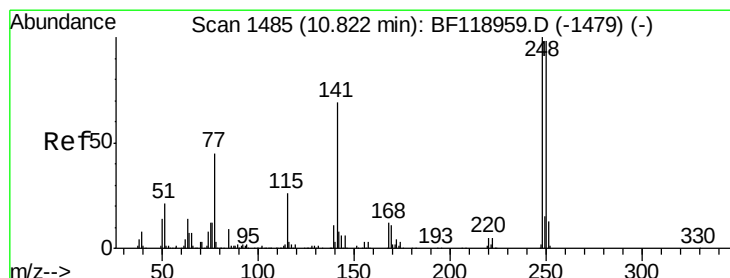
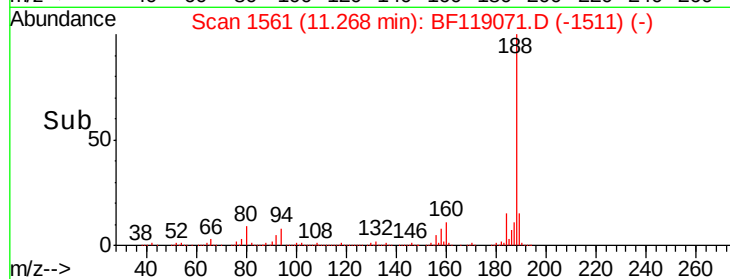
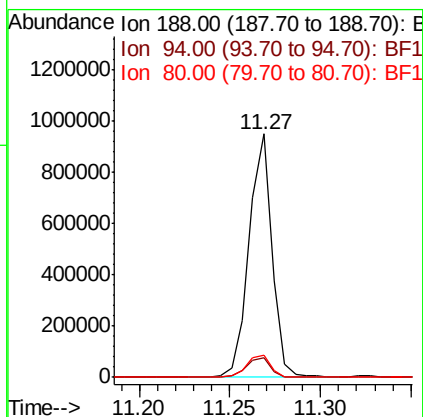
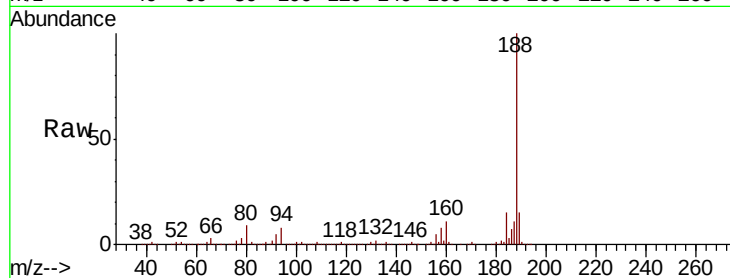




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

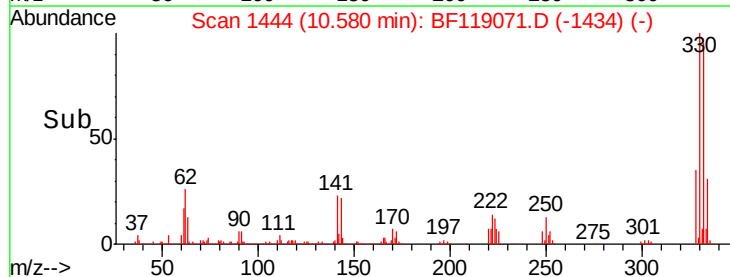
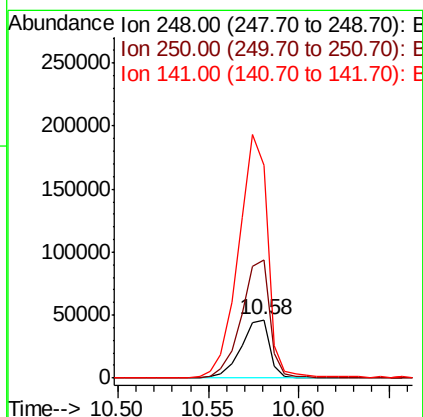
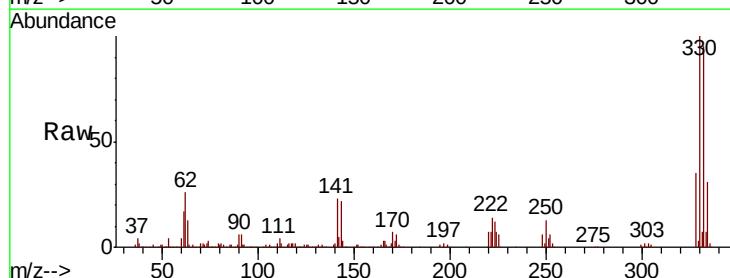
Instrument :
BNA_F
ClientSampleId :

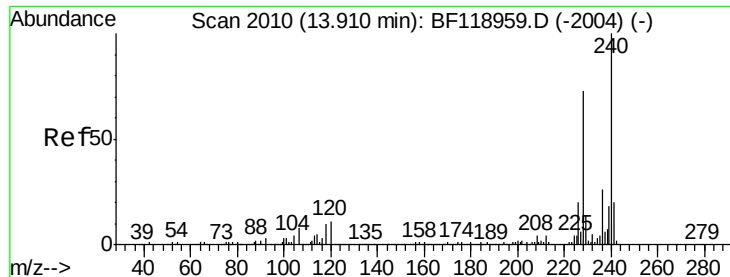
Tot Ion:188 Resp: 838327
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.669 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion:248 Resp: 51167
Ion Ratio Lower Upper
248 100
250 202.3 78.8 118.2#
141 363.4 55.3 82.9#

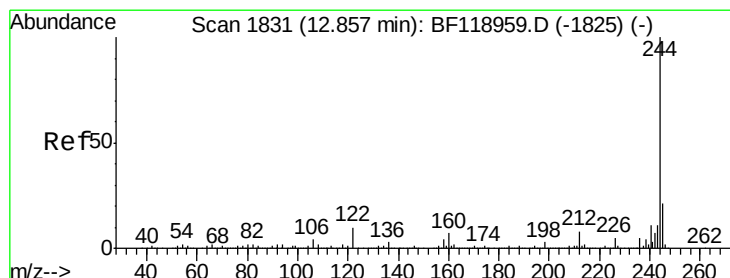
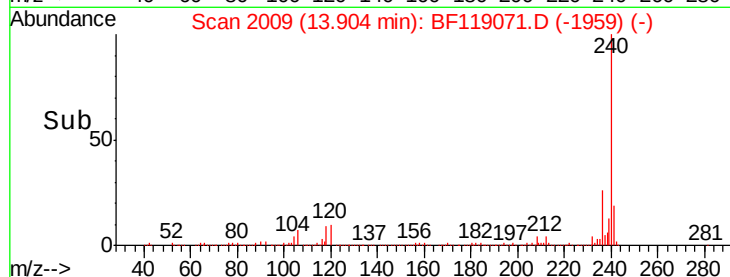
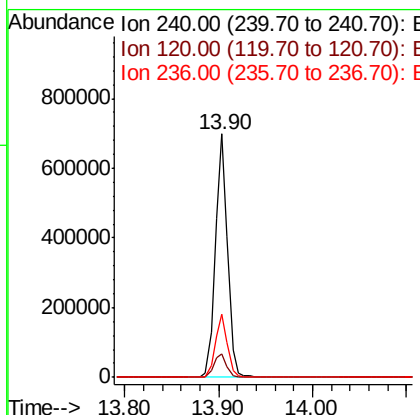
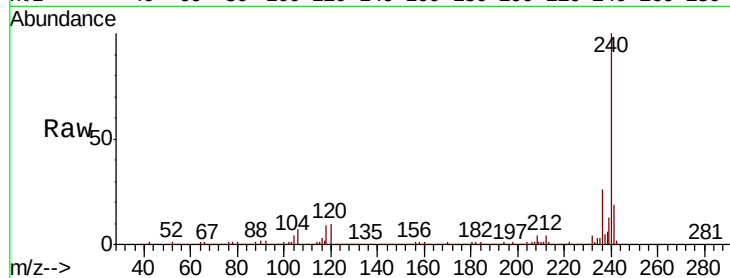




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

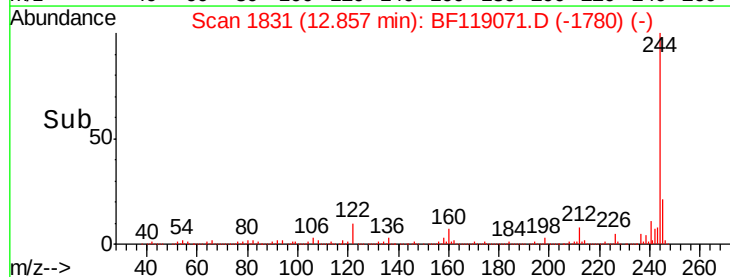
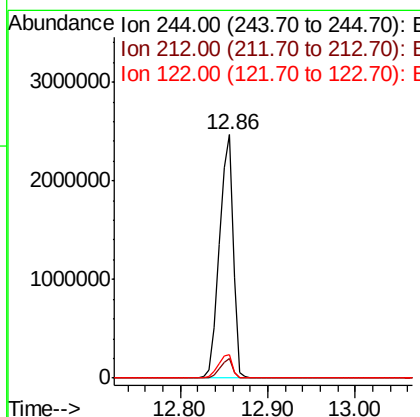
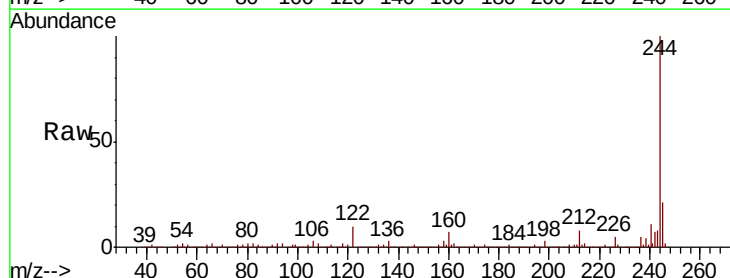
Instrument :
 BNA_F
 ClientSampleID :

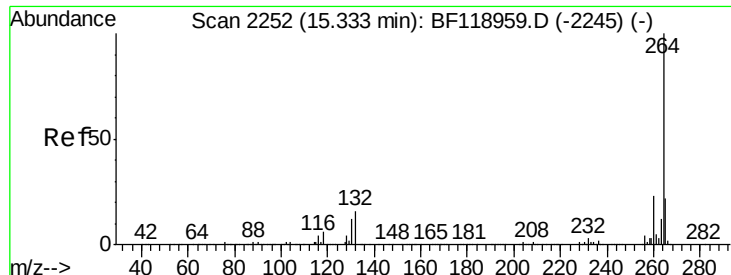
Tot Ion:240 Resp: 641739
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.9 13.3
 236 26.0 20.6 30.8



#79
 Terphenyl-d14
 Concen: 72.849 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Tgt Ion:244 Resp: 2715380
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.7 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.3	25.9

