

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119038.D
 Acq On : 24 Feb 2020 23:27
 Operator : CG/JU
 Sample : L1635-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:28:10 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

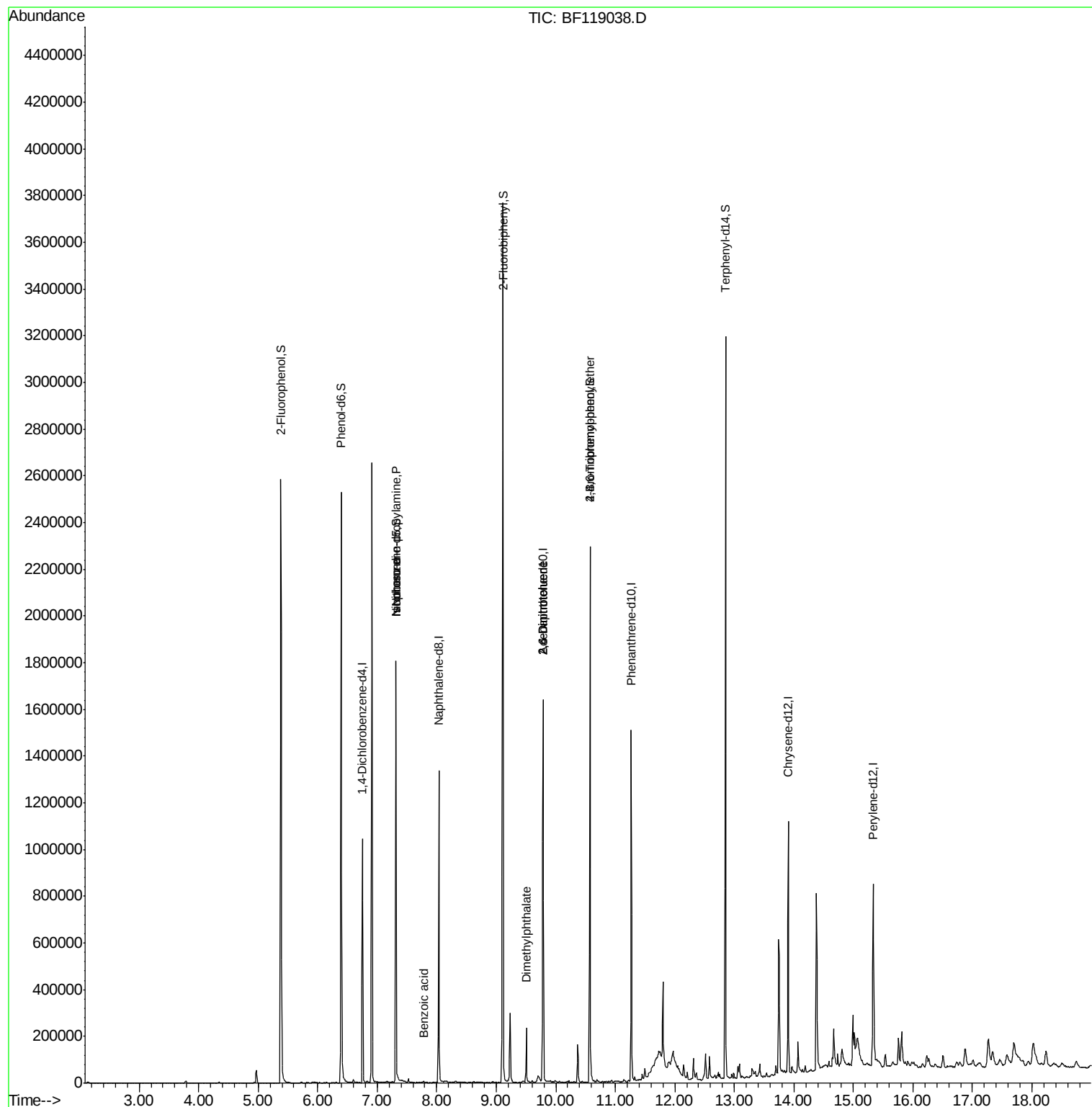
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	158528	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	612200	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	320815	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	538375	20.00	ng	0.00
76) Chrysene-d12	13.90	240	337592	20.00	ng	0.00
87) Perylene-d12	15.33	264	369358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	776381	81.84	ng	0.00
7) Phenol-d6	6.40	99	921167	79.85	ng	0.00
23) Nitrobenzene-d5	7.32	82	606552	52.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	294518	70.18	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1162961	53.40	ng	-0.01
79) Terphenyl-d14	12.85	244	1118338	57.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	83075	12.358	ng	# 76
25) Isophorone	7.32	82	606548	30.122	ng	# 63
32) Benzoic acid	7.80	122	110	6.696	ng	# 1
50) Dimethylphthalate	9.50	163	98223	4.004	ng	99
51) 2,6-Dinitrotoluene	9.79	165	40685	7.465	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	40685	5.759	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	19189	2.727	ng	# 1

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

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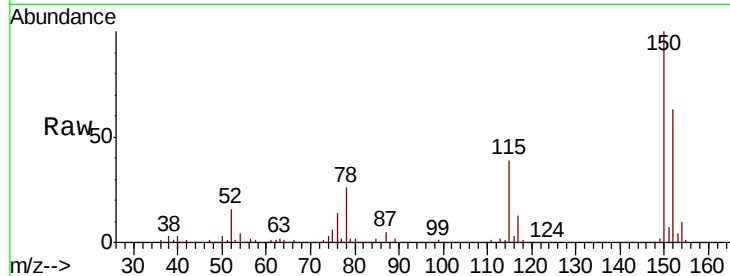


#1

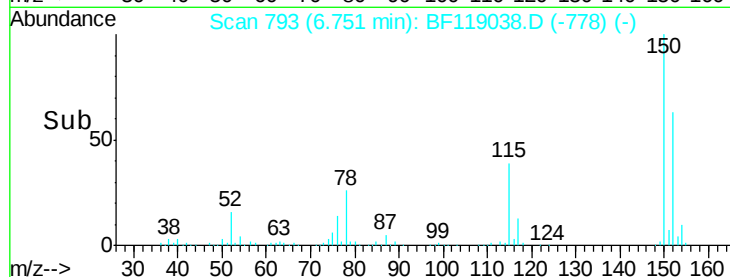
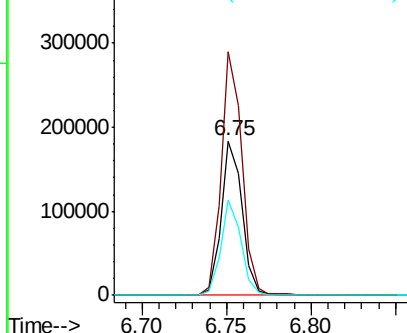
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158528
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 61.3 44.6 67.0



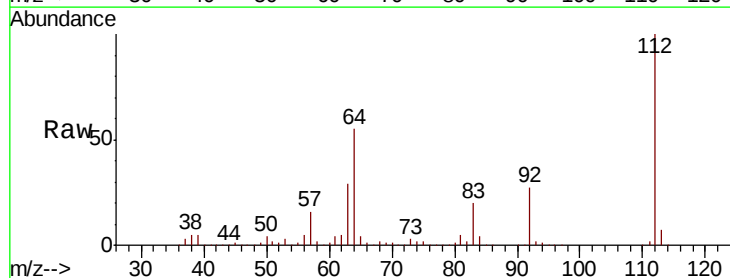
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



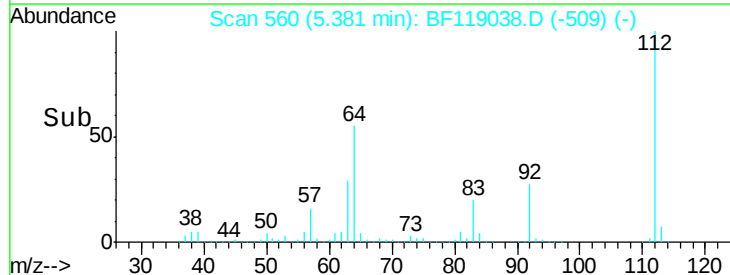
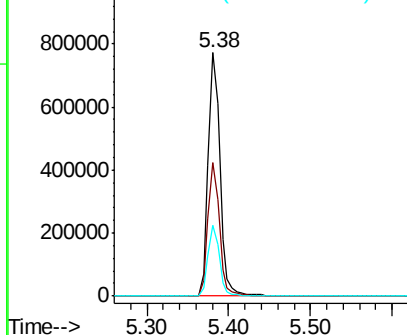
#5

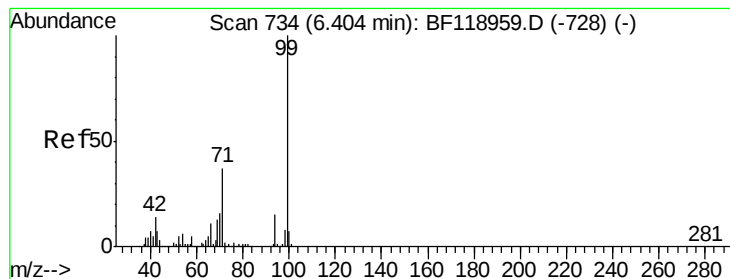
2-Fluorophenol
Concen: 81.845 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Tgt Ion:112 Resp: 776381
Ion Ratio Lower Upper
112 100
64 54.9 40.4 60.6
63 29.2 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: 79.846 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119038.D

Acq: 24 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

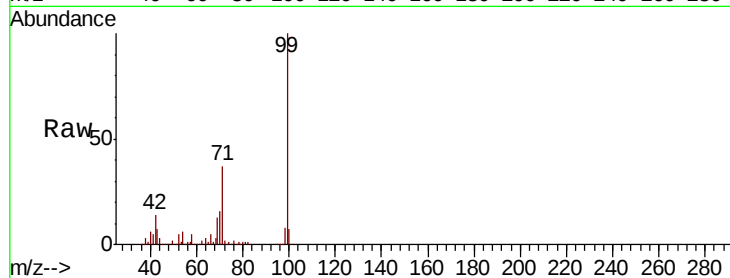
Tot Ion: 99 Resp: 921167

Ion Ratio Lower Upper

99 100

42 14.1 11.4 17.0

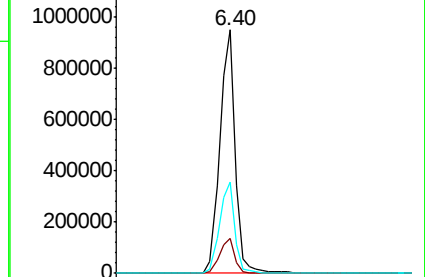
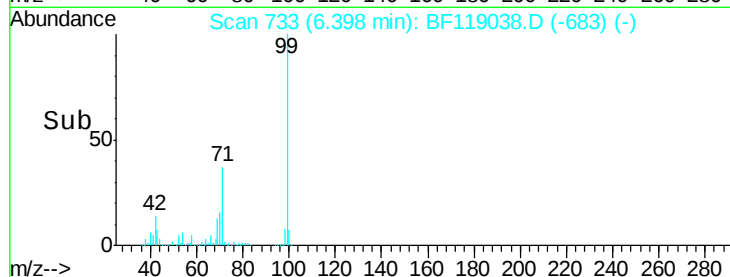
71 37.4 29.8 44.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.358 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119038.D

Acq: 24 Feb 2020 23:27

Tgt Ion: 70 Resp: 83075

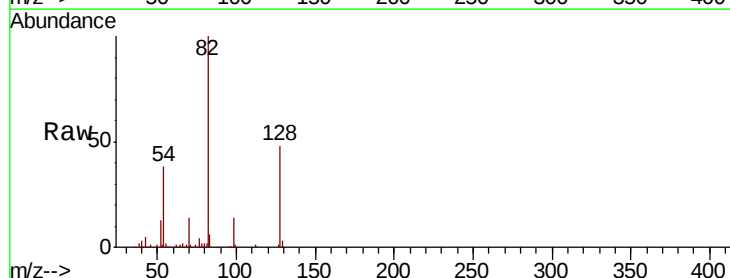
Ion Ratio Lower Upper

70 100

42 35.9 34.6 51.8

101 0.0 8.1 12.1#

130 1.9 19.4 29.2#

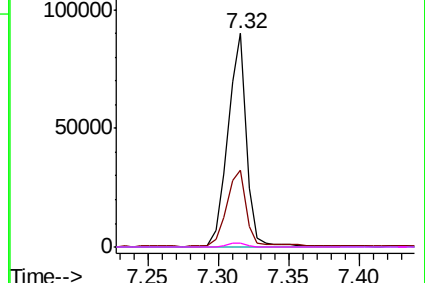
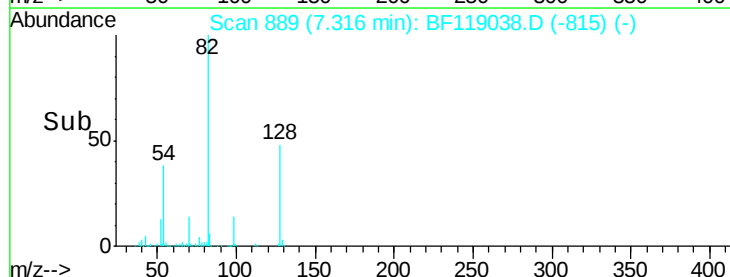


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

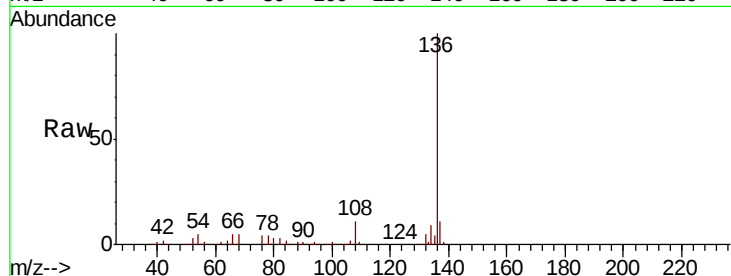




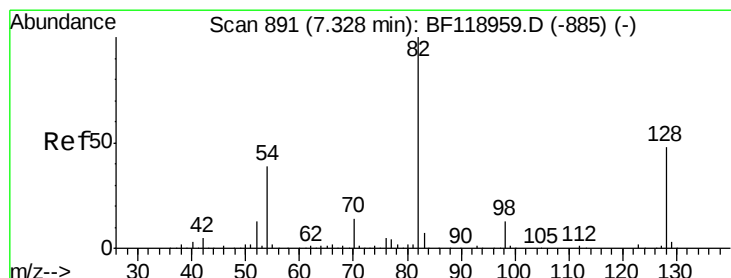
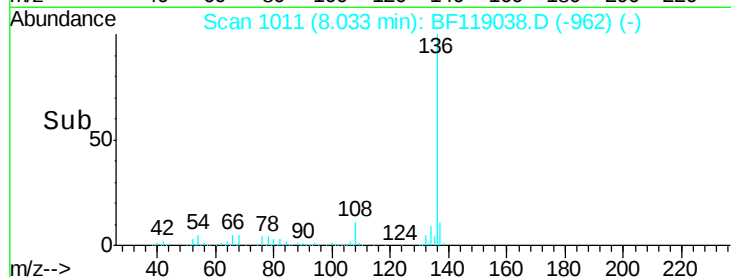
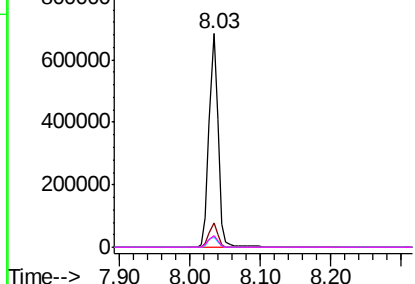
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 612200
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 5.1	3.8 5.6
68 5.3	4.2 6.2

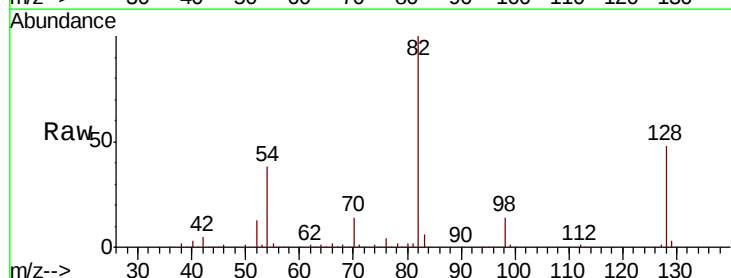


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

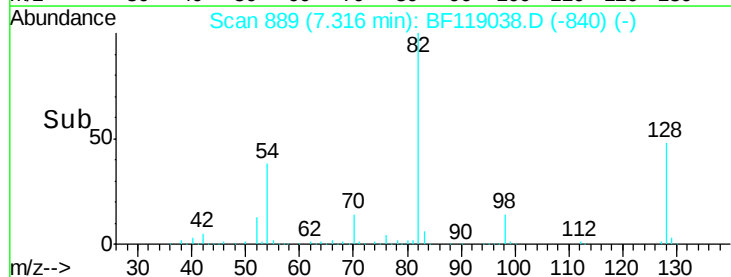
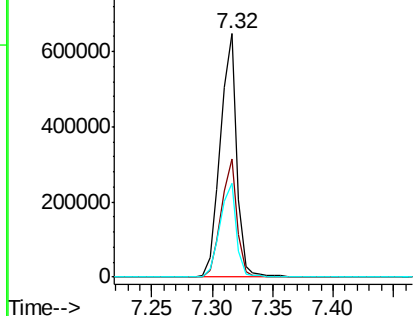


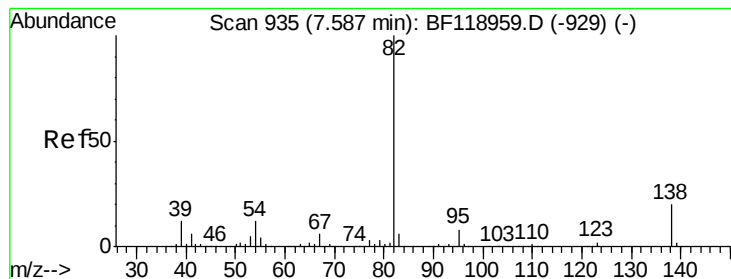
#23
Nitrobenzene-d5
Concen: 52.313 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Tgt Ion: 82	Resp: 606552
Ion Ratio	Lower Upper
82 100	
128 48.4	38.2 57.2
54 38.4	31.3 46.9



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: 30.122 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119038.D

Acq: 24 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

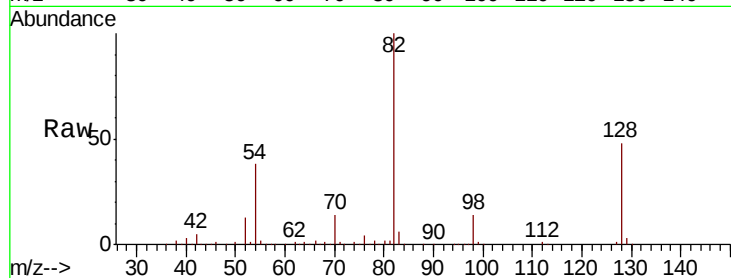
Tot Ion: 82 Resp: 606548

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

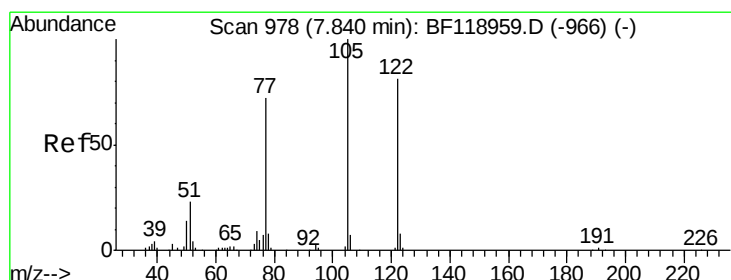
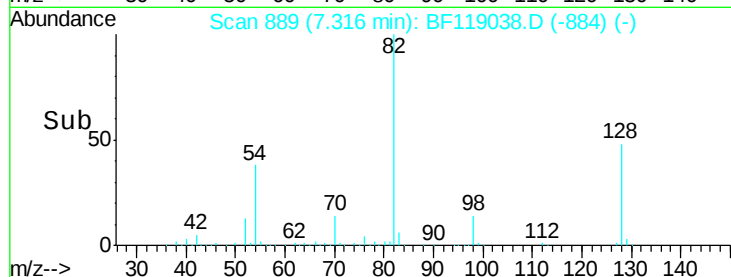
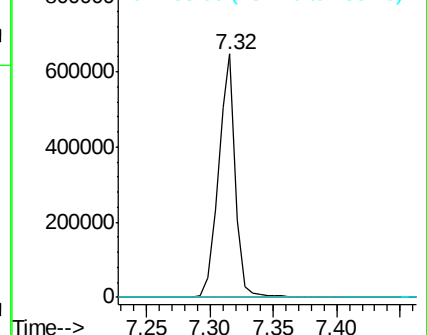
138 0.0 15.8 23.6#



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



#32

Benzoic acid

Concen: 6.696 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF119038.D

Acq: 24 Feb 2020 23:27

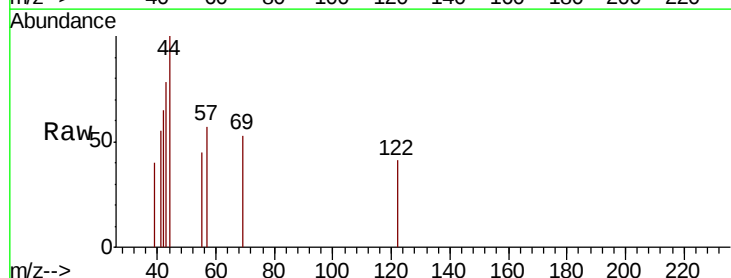
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 102.2 142.2#

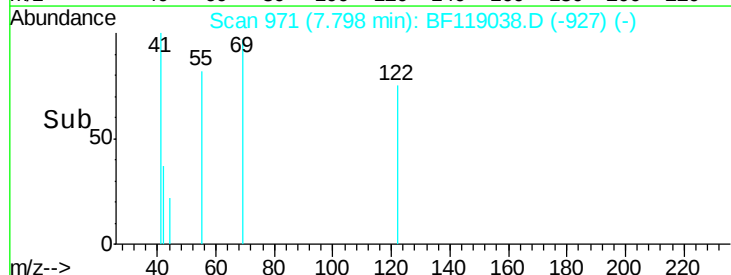
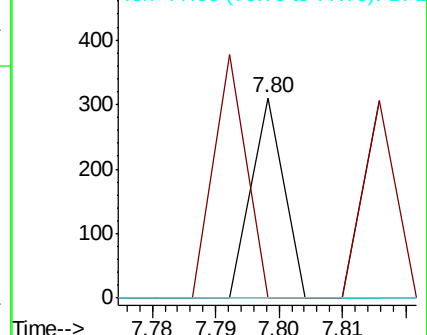
77 0.0 68.6 108.6#

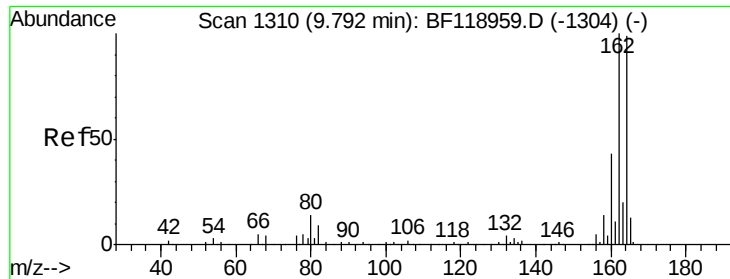


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

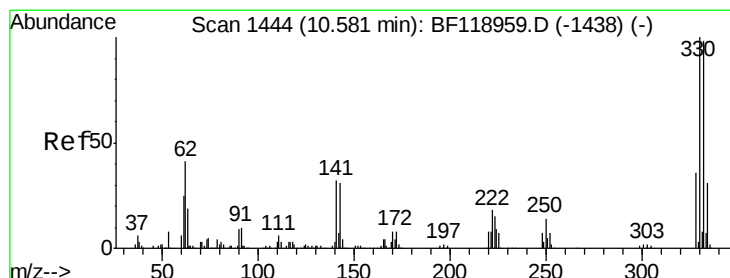
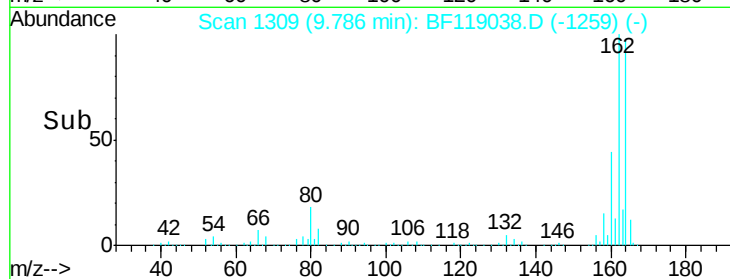
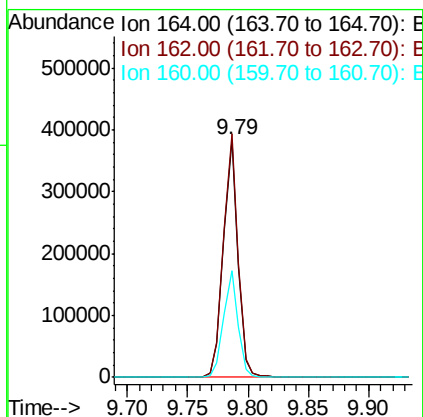
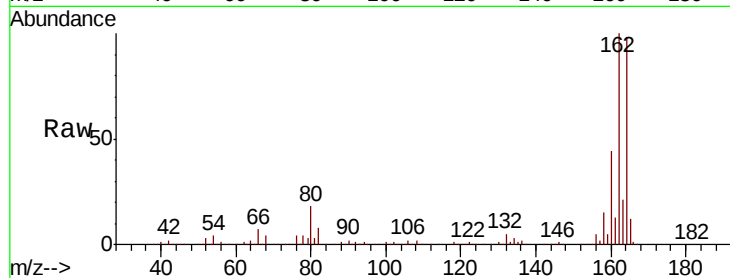




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

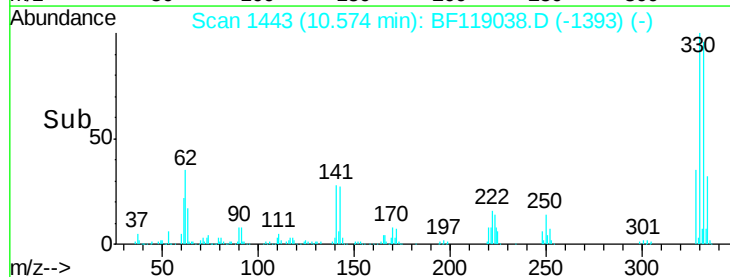
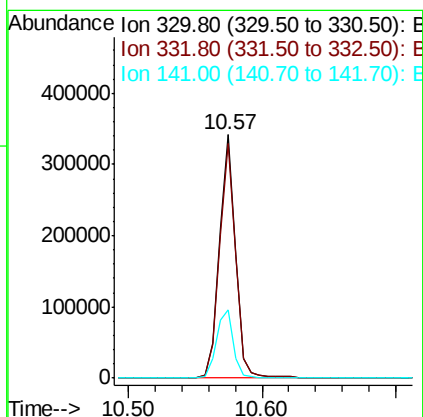
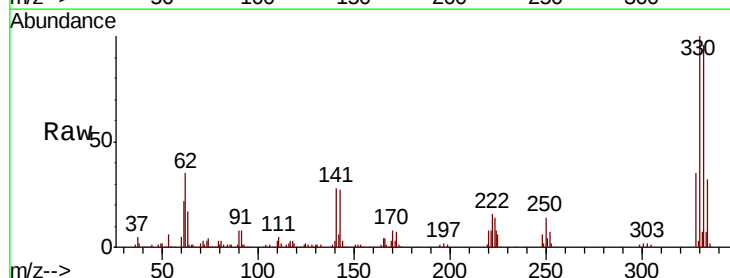
Instrument :
 BNA_F
 ClientSampleID :

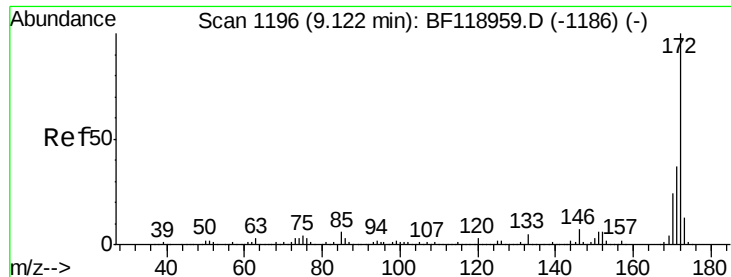
Tot Ion:164 Resp: 320815
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.2 121.8
 160 44.9 35.2 52.8



#42
 2,4,6-Tribromophenol
 Concen: 70.177 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

Tgt Ion:330 Resp: 294518
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 29.8 23.0 34.6

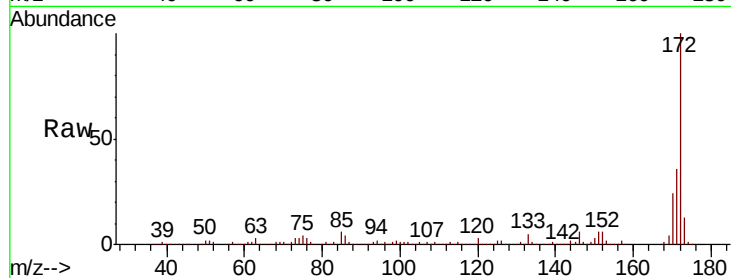




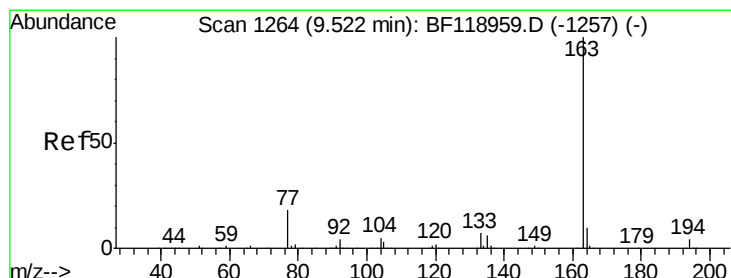
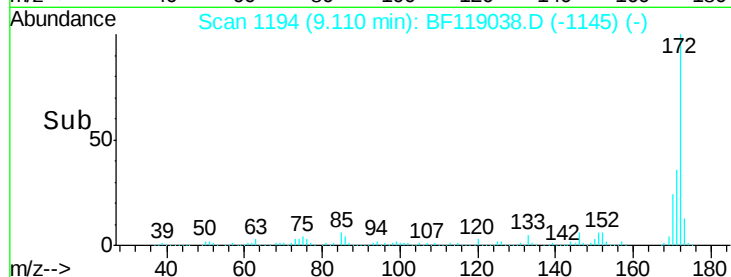
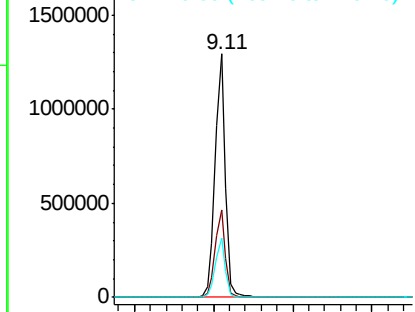
#45
2-Fluorobiphenyl
Concen: 53.403 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1162961
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.2
170 24.3 19.6 29.4

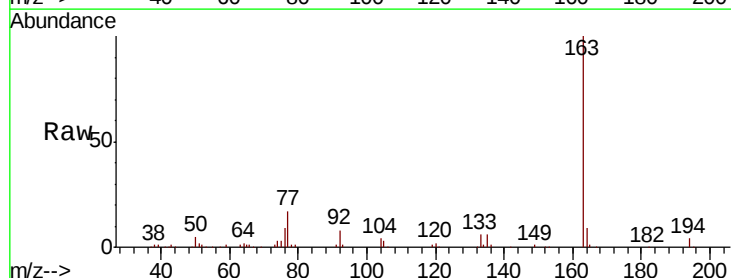


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

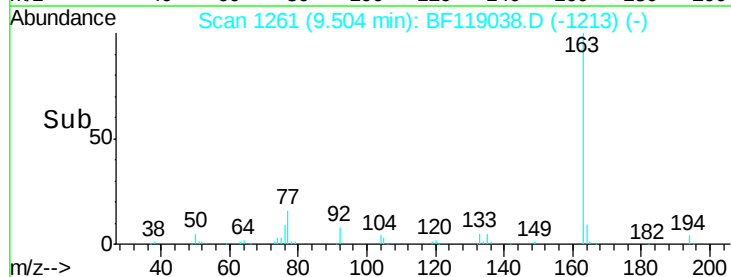
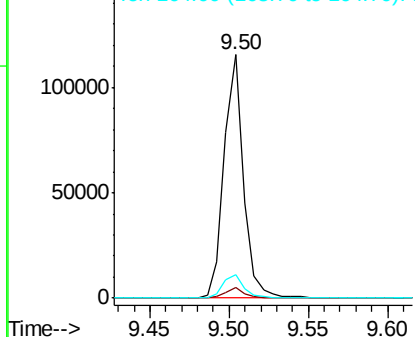


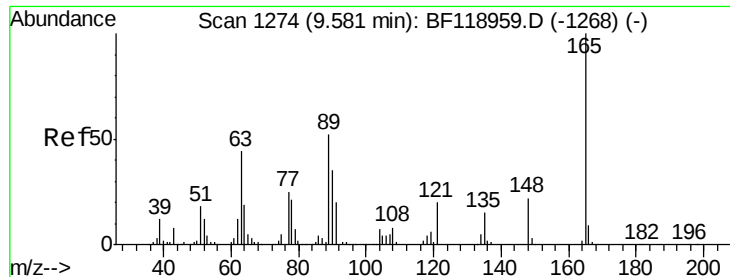
#50
Dimethylphthalate
Concen: 4.004 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Tgt Ion:163 Resp: 98223
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.5 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

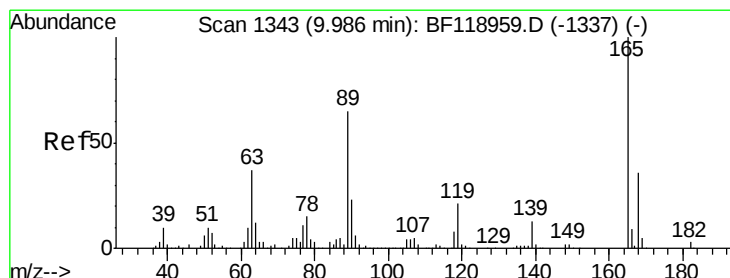
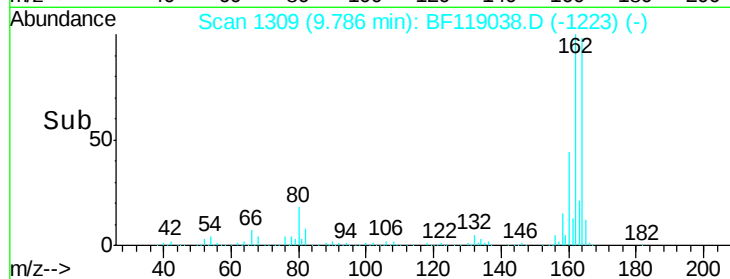
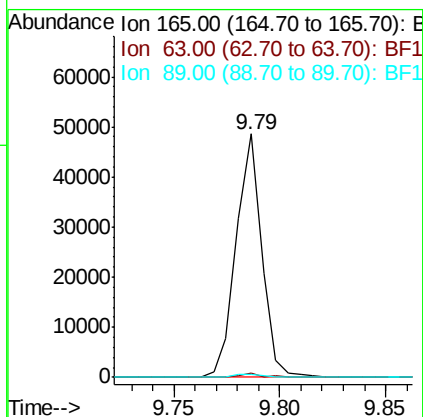
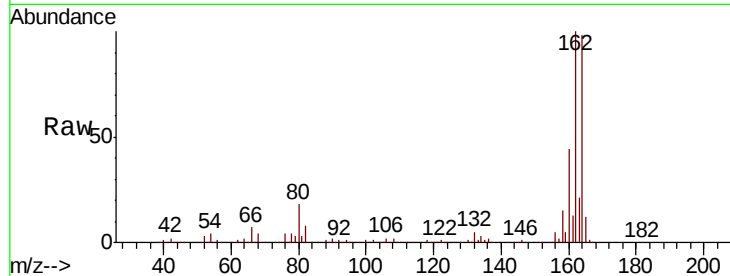




#51
 2,6-Dinitrotoluene
 Concen: 7.465 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

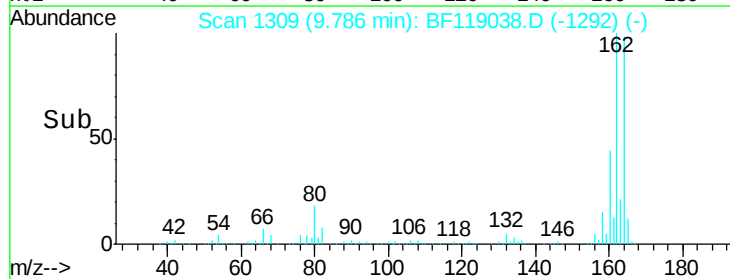
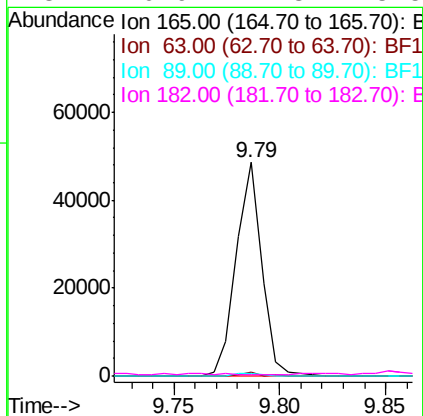
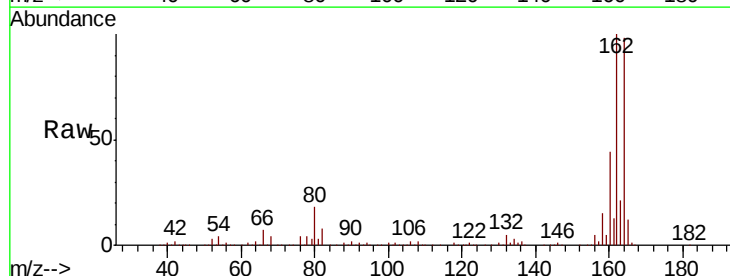
Instrument :
 BNA_F
 ClientSampleId :

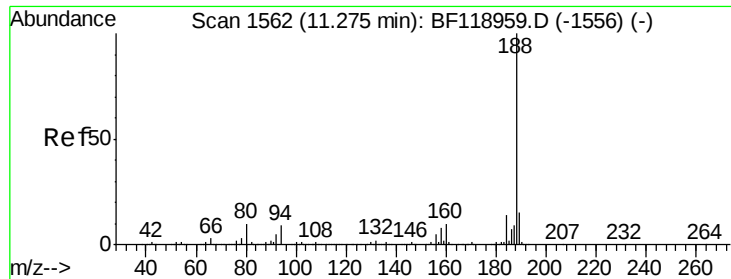
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.9	56.9#
89	1.1	41.4	62.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.759 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.8#
89	1.1	51.9	77.9#
182	0.9	2.3	3.5#

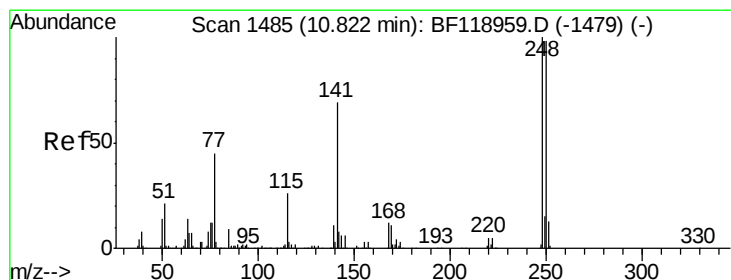
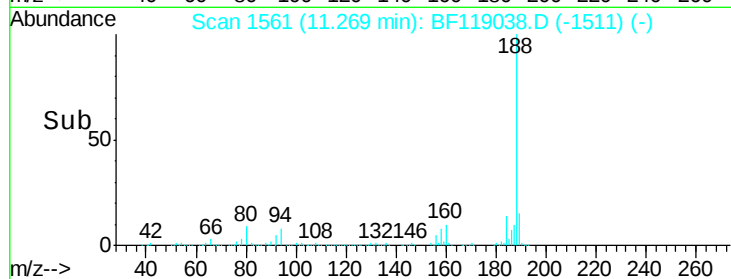
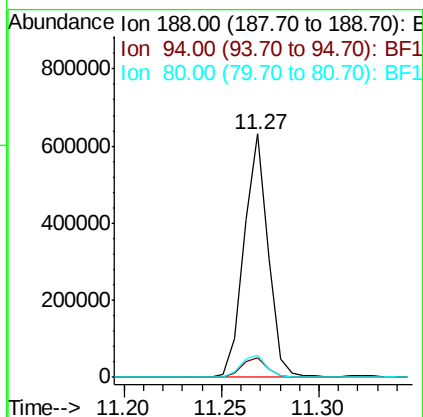
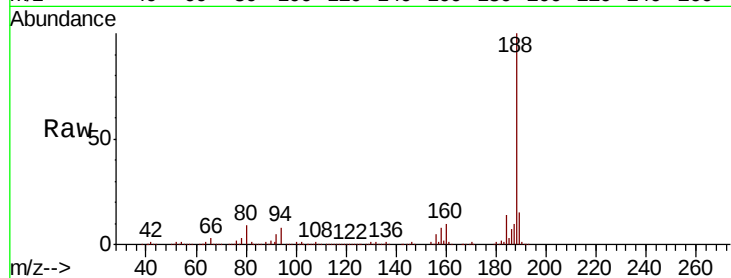




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

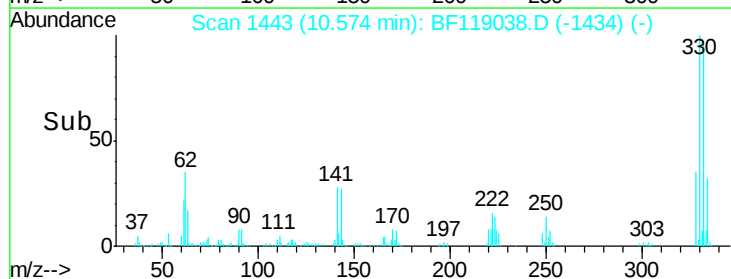
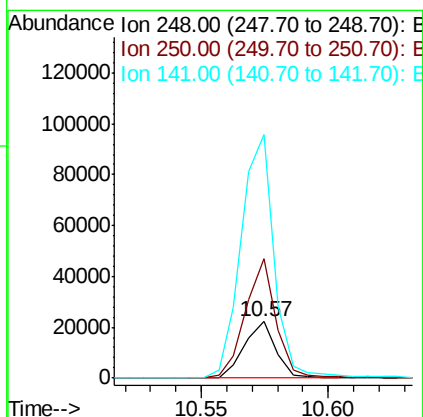
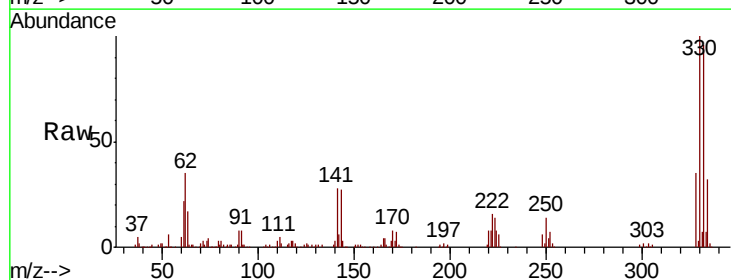
Instrument :
BNA_F
ClientSampleId :

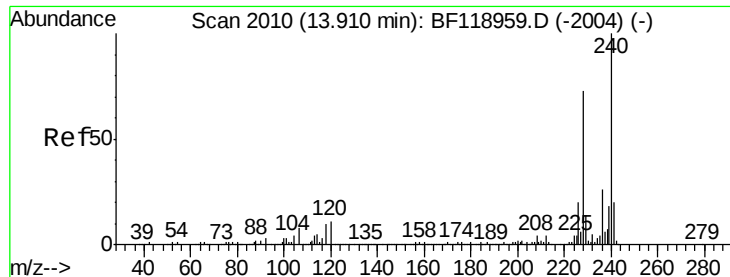
Tot Ion:188 Resp: 538375
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.727 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Tgt Ion:248 Resp: 19189
Ion Ratio Lower Upper
248 100
250 212.4 78.8 118.2#
141 433.2 55.3 82.9#

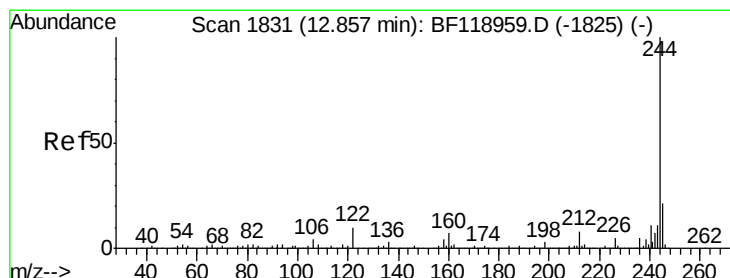
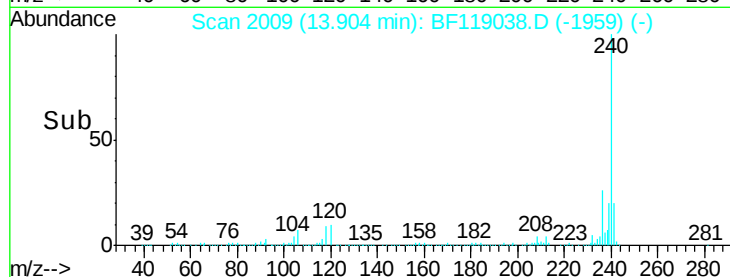
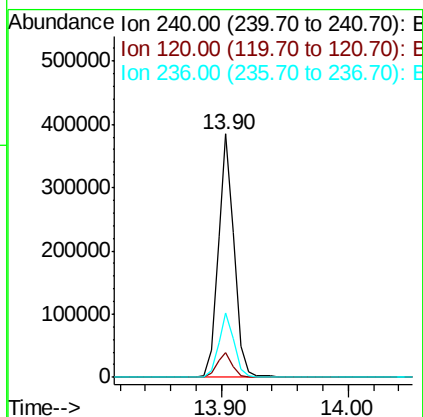
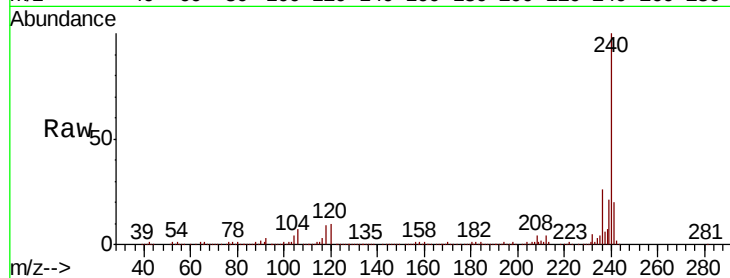




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

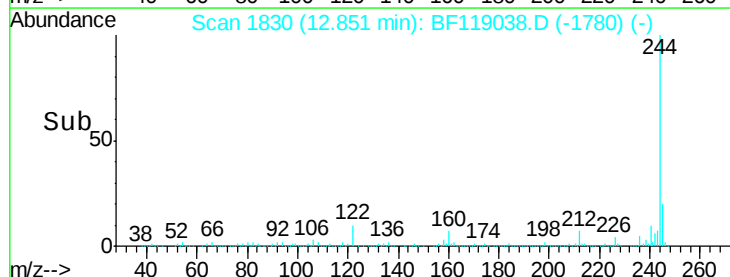
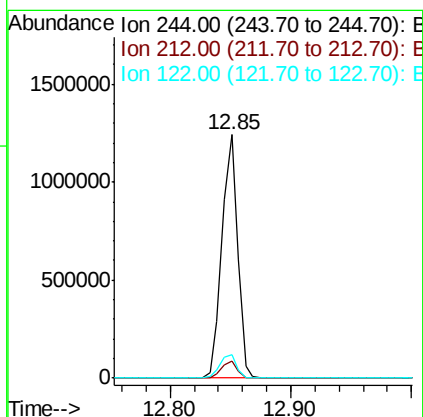
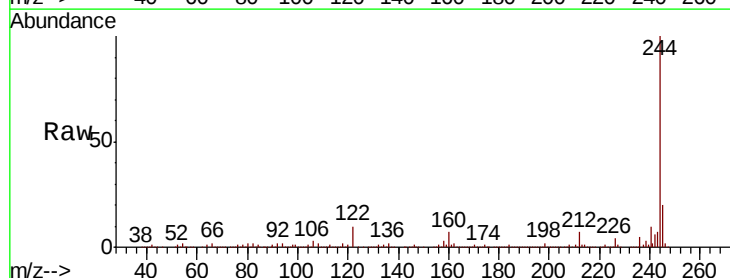
Instrument :
 BNA_F
 ClientSampleId :

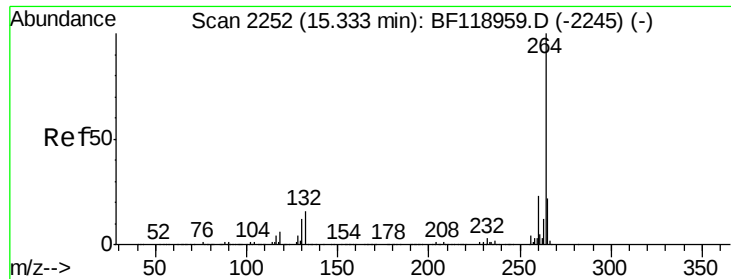
Tot Ion:240 Resp: 337592
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.9 13.3
 236 26.2 20.6 30.8



#79
 Terphenyl-d14
 Concen: 57.034 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119038.D
 Acq: 24 Feb 2020 23:27

Tgt Ion:244 Resp: 1118338
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 9.6 8.4 12.6

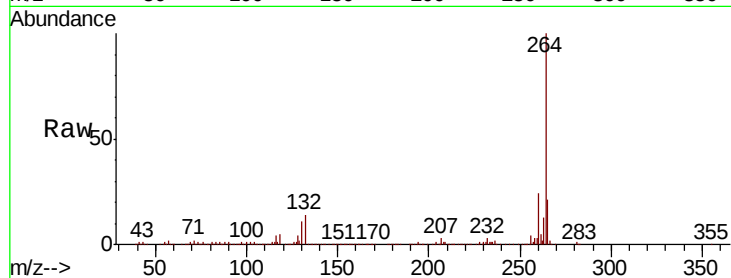




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119038.D
Acq: 24 Feb 2020 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.2	17.3	25.9



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

