

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119015.D
 Acq On : 24 Feb 2020 11:00
 Operator : CG/JU
 Sample : PB126945TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:21:40 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

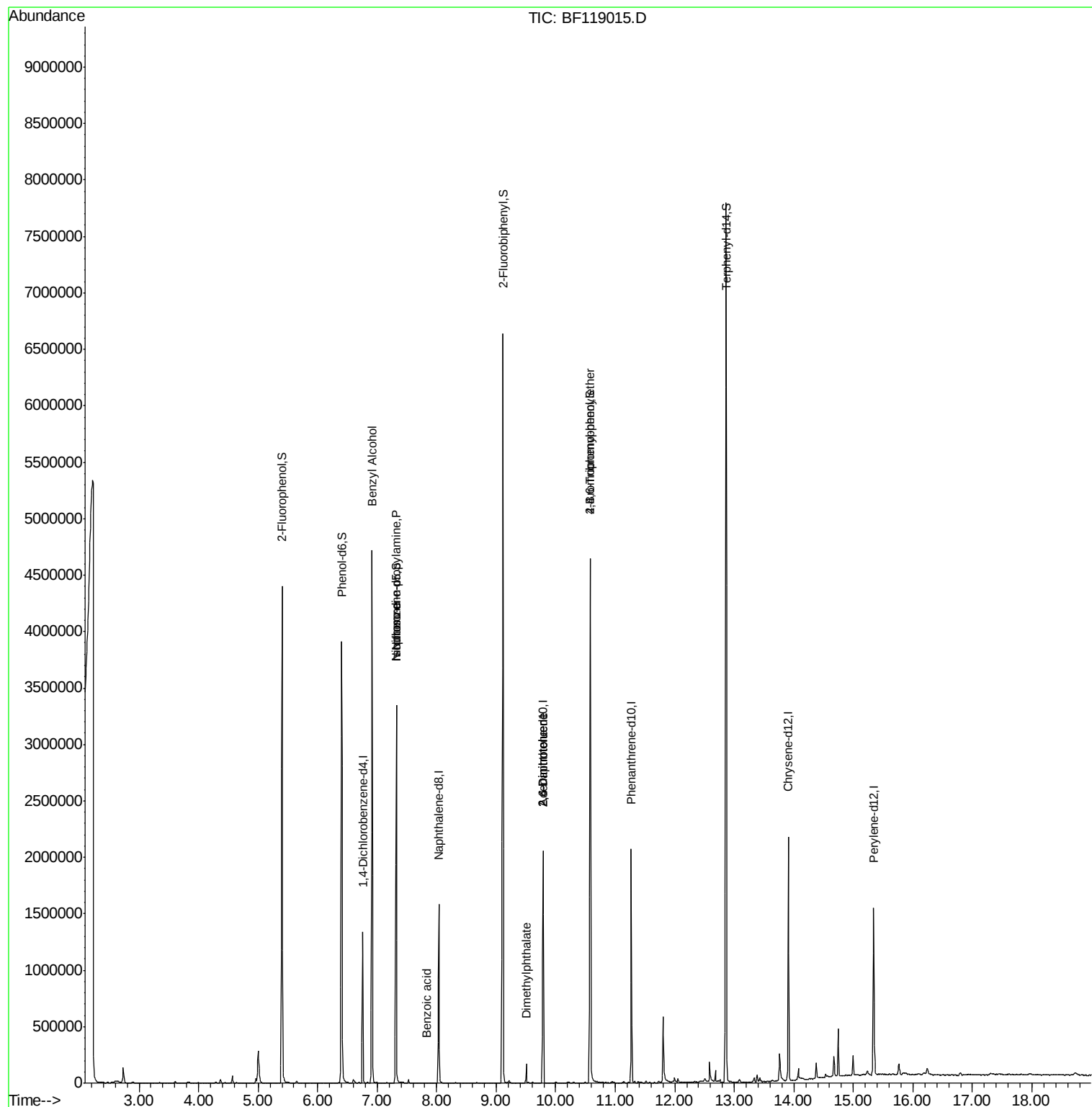
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	221932	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	835222	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	459457	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	849181	20.00	ng	0.00
76) Chrysene-d12	13.91	240	684732	20.00	ng	0.00
87) Perylene-d12	15.34	264	694428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1522533	114.65	ng	0.02
7) Phenol-d6	6.40	99	1762421	109.12	ng	0.00
23) Nitrobenzene-d5	7.32	82	1403544	88.73	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	813541	135.35	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2593260	83.15	ng	0.00
79) Terphenyl-d14	12.86	244	3294485	82.84	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	24817	2.126	ng	# 48
19) n-Nitroso-di-n-propylamine	7.32	70	195924	20.818	ng	# 77
25) Isophorone	7.32	82	1396248	50.824	ng	# 63
32) Benzoic acid	7.83	122	112	6.692	ng	# 1
50) Dimethylphthalate	9.50	163	71514	2.035	ng	99
51) 2,6-Dinitrotoluene	9.79	165	59896	7.673	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	59896	5.920	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	54798	4.937	ng	# 1

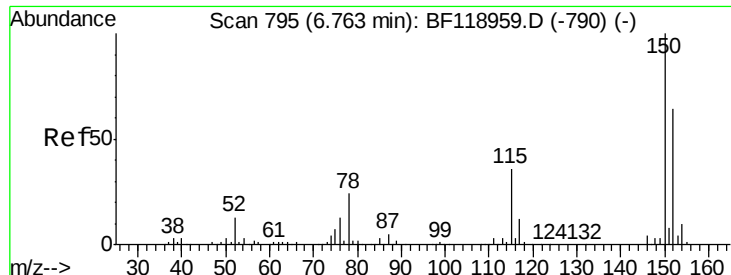
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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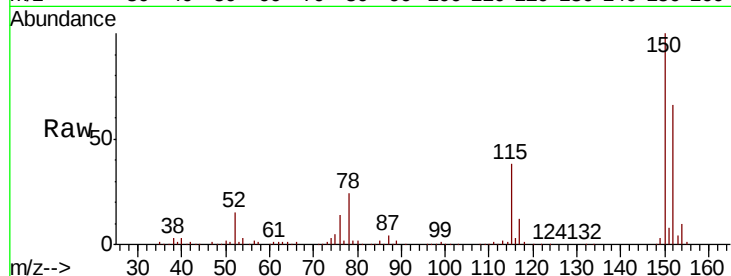


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.3	186.5
115	57.2	44.6	67.0

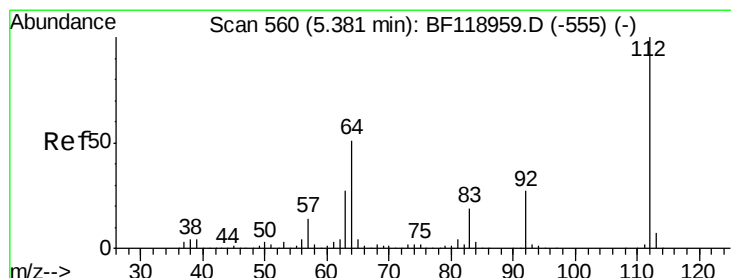
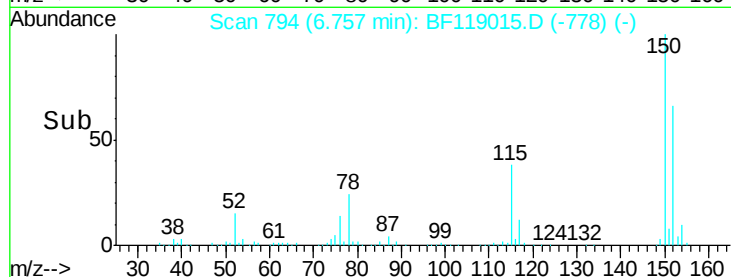
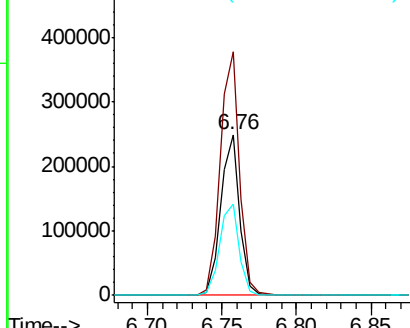


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

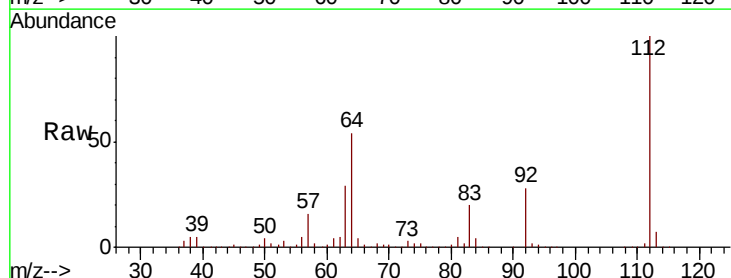
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.649 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	40.4	60.6
63	29.2	21.3	31.9

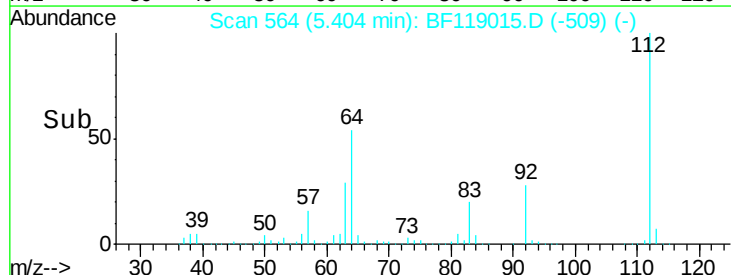
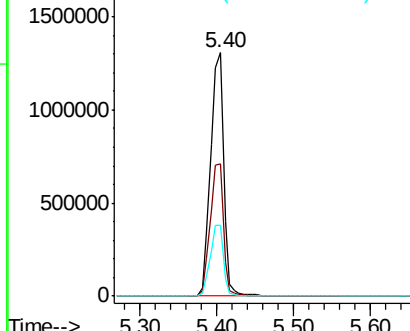


Abundance

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: 109.122 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119015.D

Acq: 24 Feb 2020 11:00

Instrument :

BNA_F

ClientSampleId :

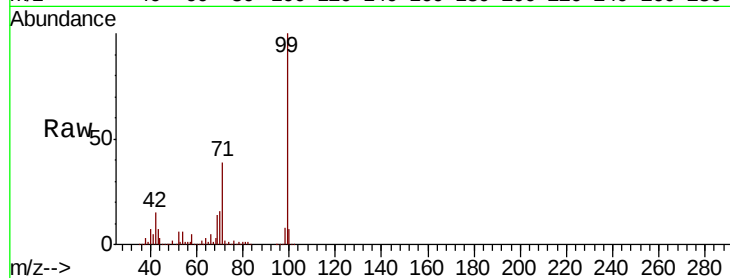
Tot Ion: 99 Resp: 1762421

Ion Ratio Lower Upper

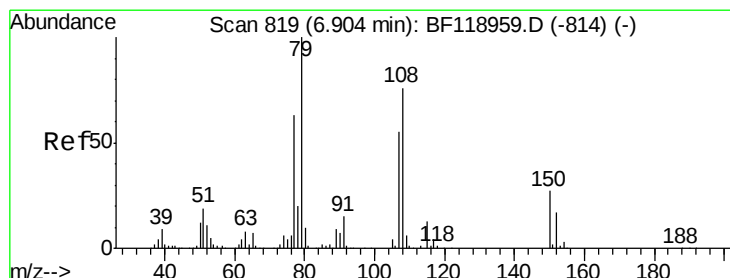
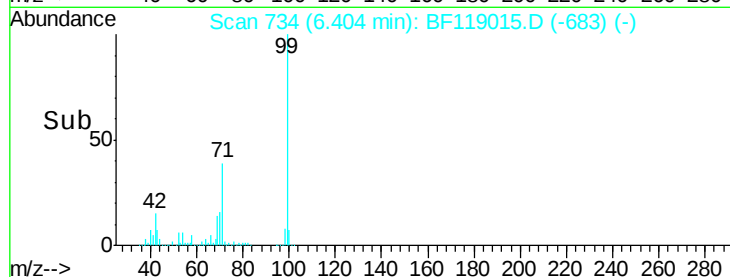
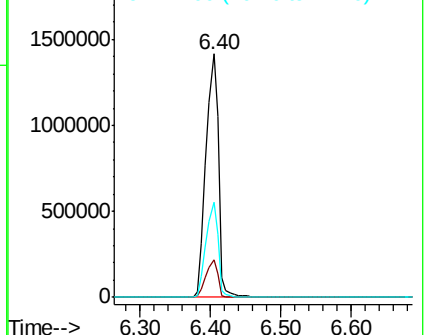
99 100

42 15.3 11.4 17.0

71 39.2 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: 2.126 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF119015.D

Acq: 24 Feb 2020 11:00

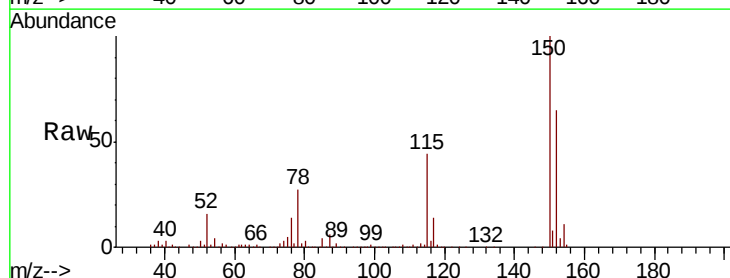
Tgt Ion: 79 Resp: 24817

Ion Ratio Lower Upper

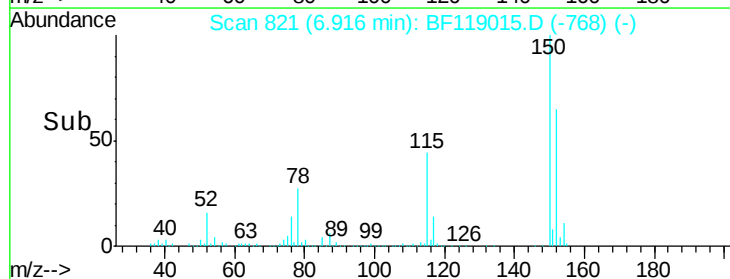
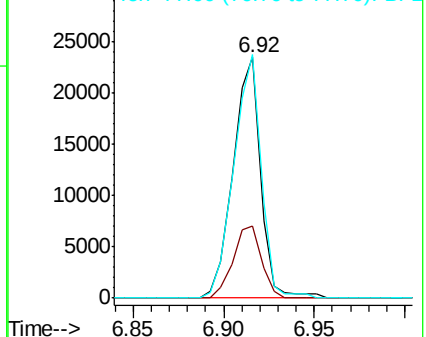
79 100

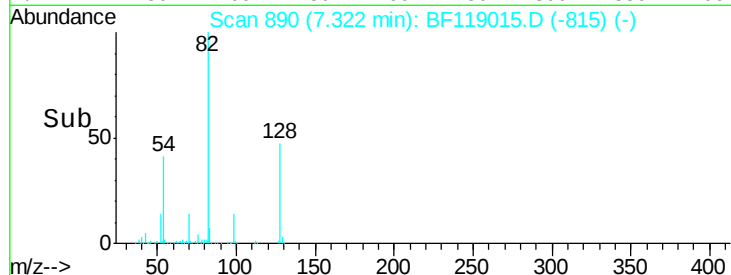
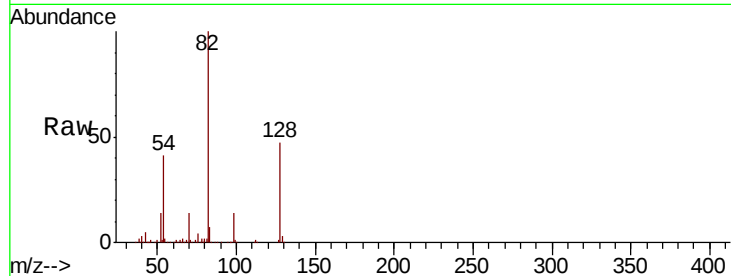
108 30.2 61.1 91.7#

77 101.2 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

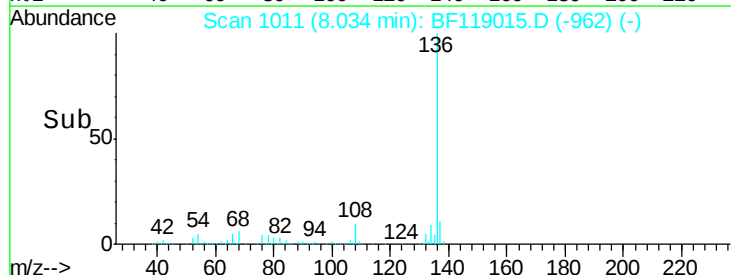
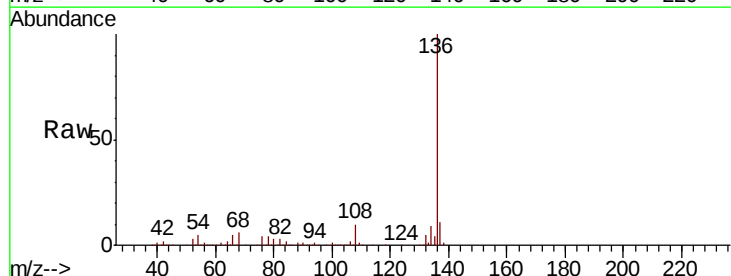
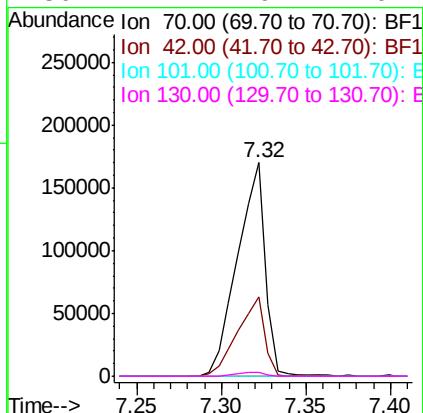




#19
n-Nitroso-di-n-propylamine
Concen: 20.818 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

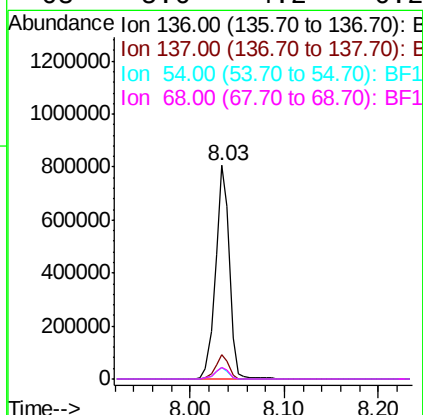
Instrument :
BNA_F
ClientSampleId :

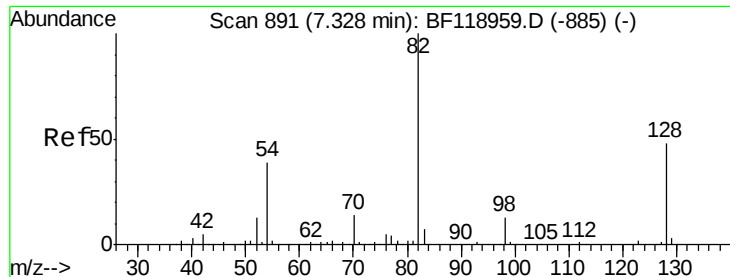
Tot Ion	Ratio	Lower	Upper
70	100		
42	37.2	34.6	51.8
101	0.0	8.1	12.1#
130	2.1	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.2	3.8	5.6
68	5.6	4.2	6.2

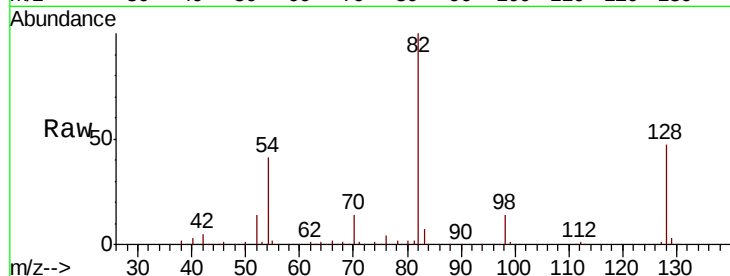




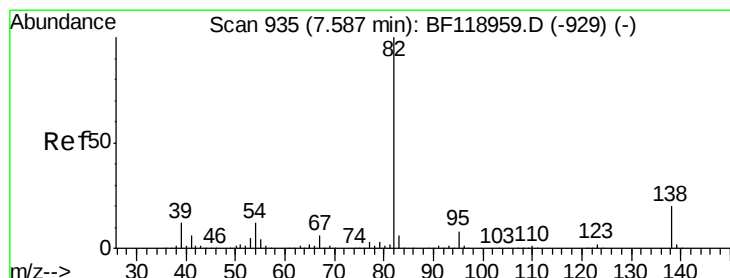
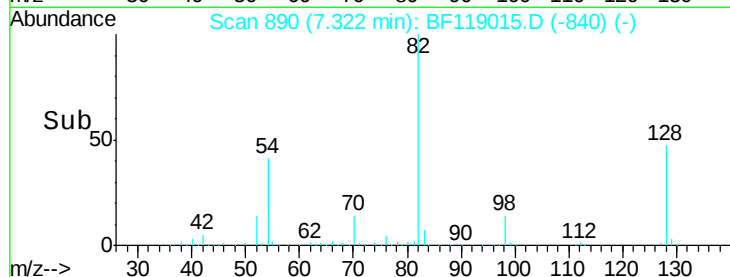
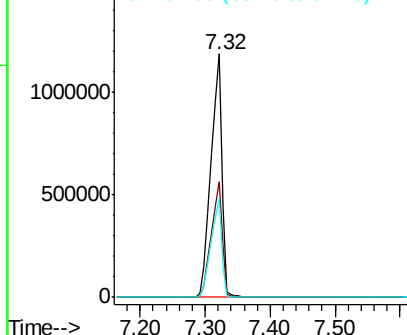
#23
 Nitrobenzene-d5
 Concen: 88.727 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1403544
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.2 57.2
 54 40.7 31.3 46.9

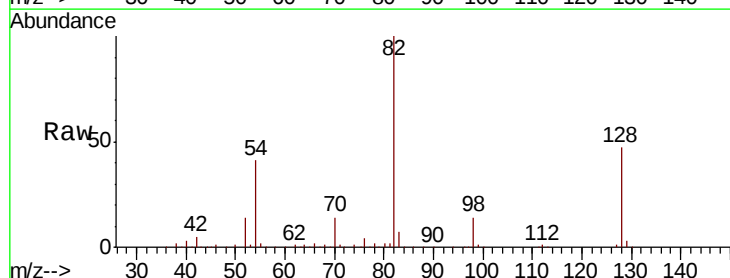


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

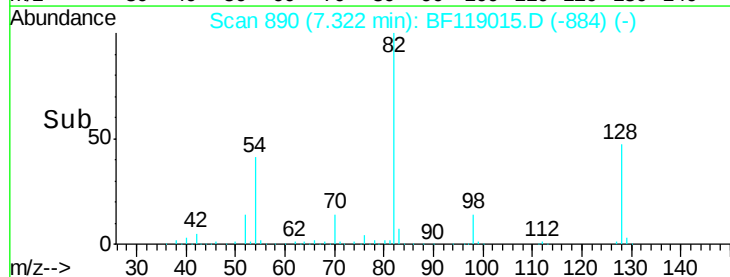
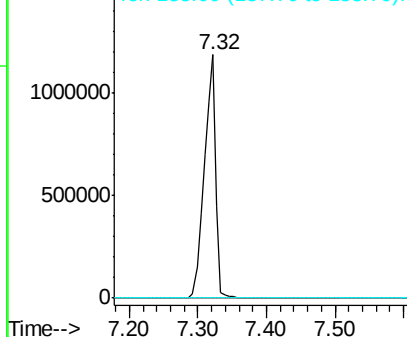


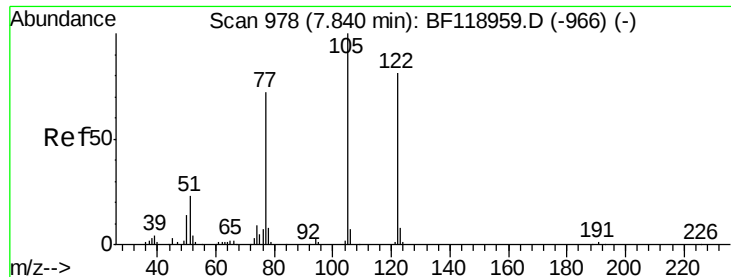
#25
 Isophorone
 Concen: 50.824 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.26 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

Tgt Ion: 82 Resp: 1396248
 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

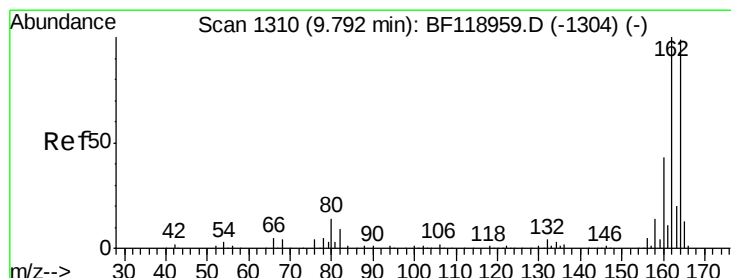
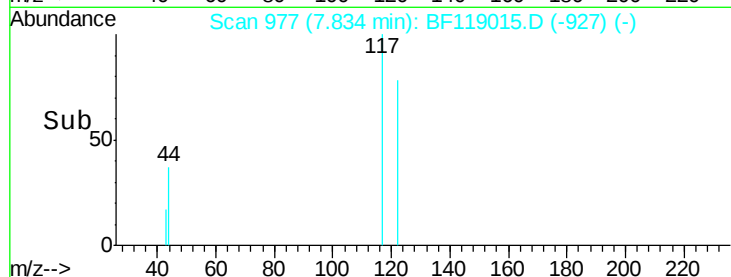
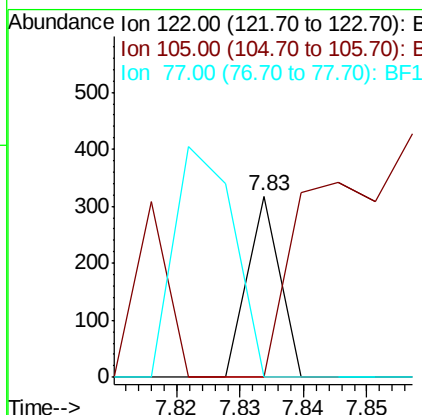
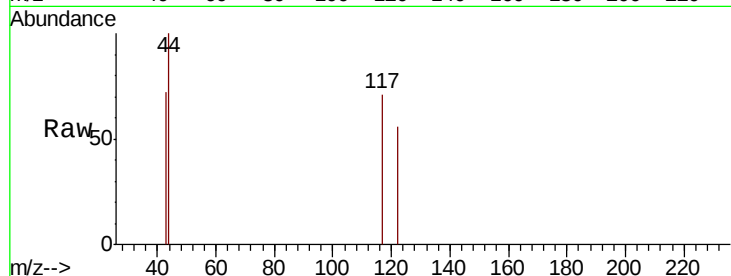




#32
Benzoic acid
Concen: 6.692 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

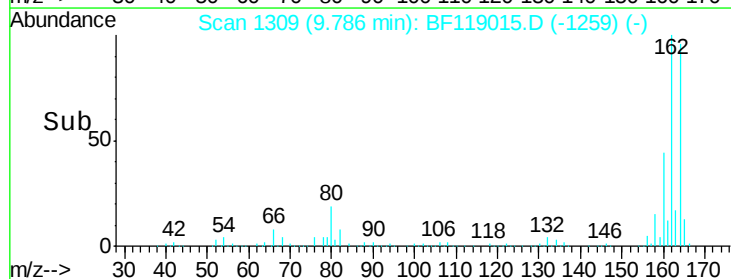
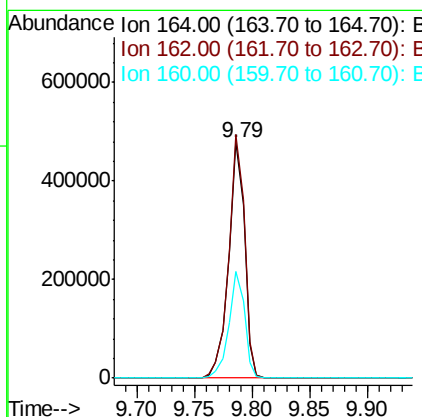
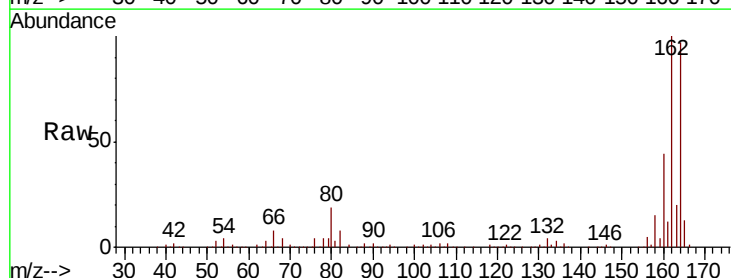
Instrument :
BNA_F
ClientSampleId :

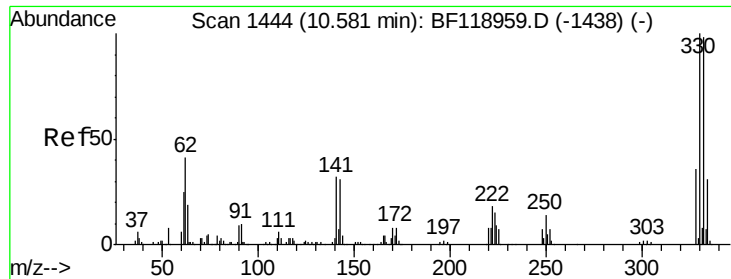
Tot Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 0.0 102.2 142.2#
77 0.0 68.6 108.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Tgt Ion:164 Resp: 459457
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 45.6 35.2 52.8

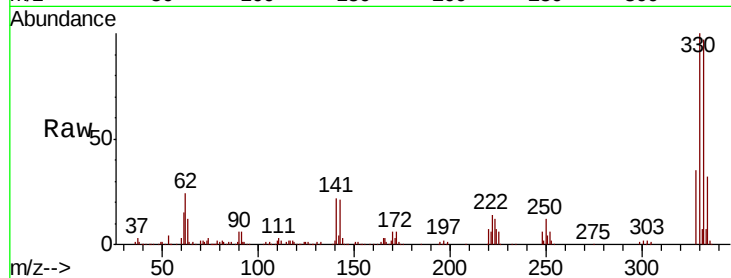




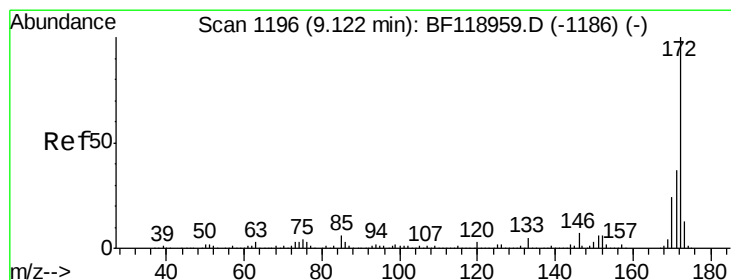
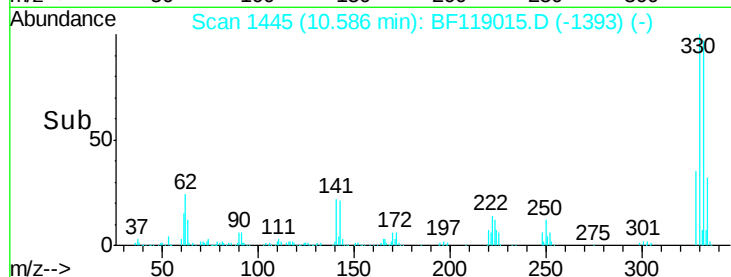
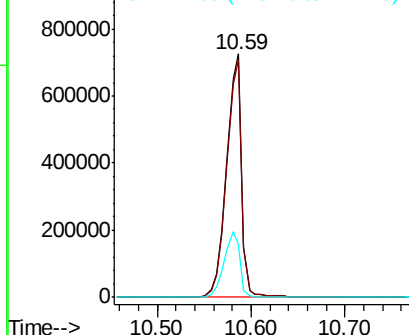
#42
 2,4,6-Tribromophenol
 Concen: 135.354 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 813541
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.1 115.7
 141 28.5 23.0 34.6

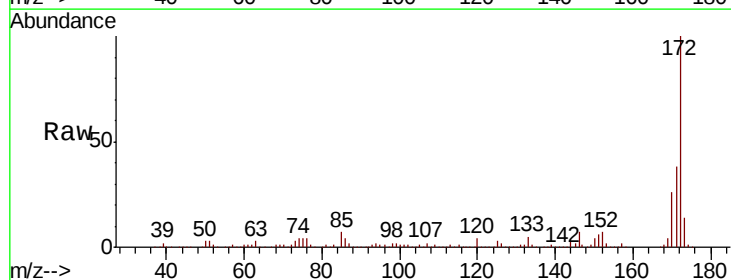


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

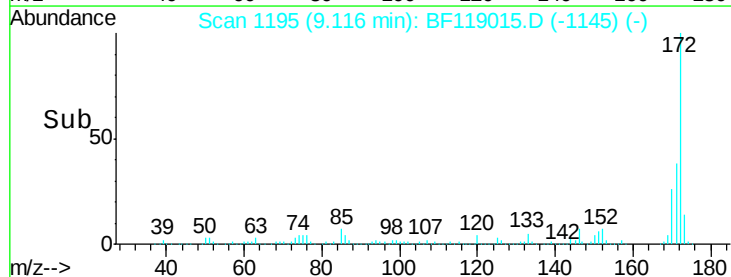
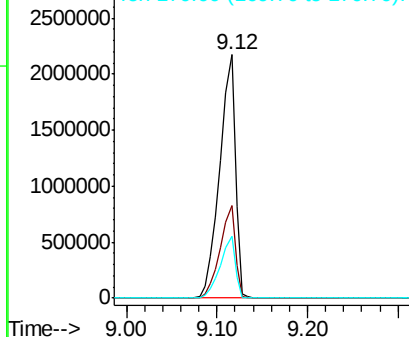


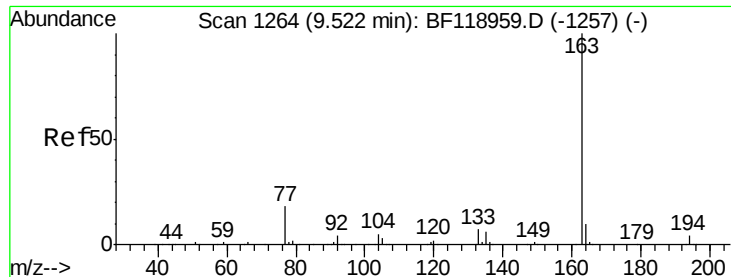
#45
 2-Fluorobiphenyl
 Concen: 83.149 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

Tgt Ion:172 Resp: 2593260
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.4 44.2
 170 25.6 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

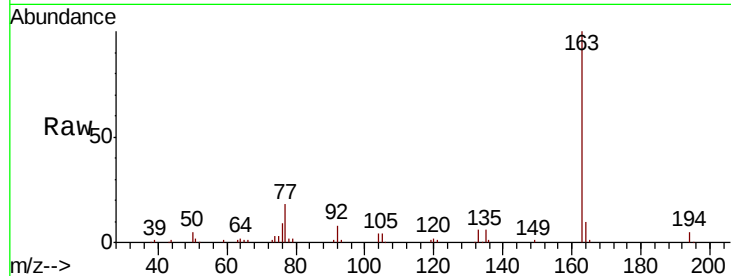




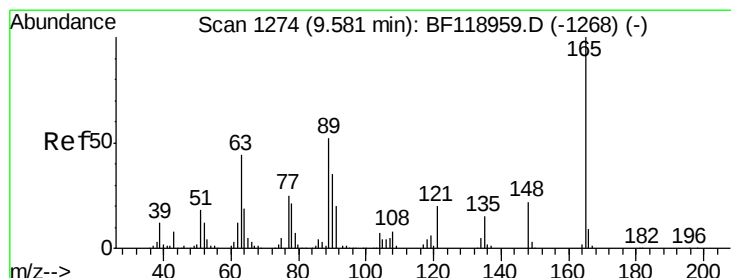
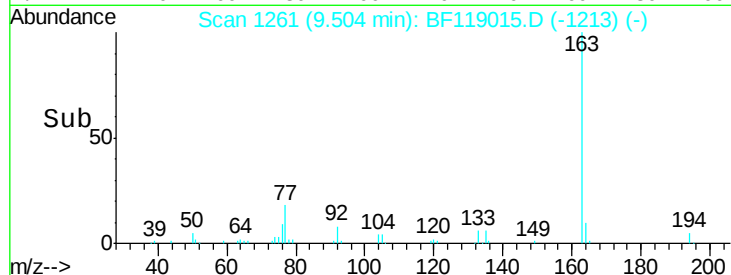
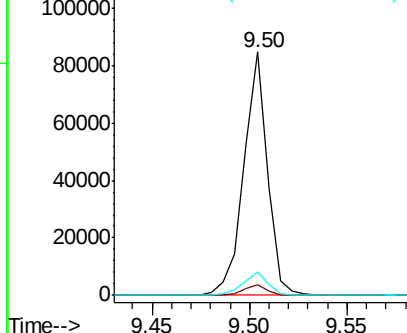
#50
Dimethylphthalate
Concen: 2.035 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 71514
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.7 8.2 12.2

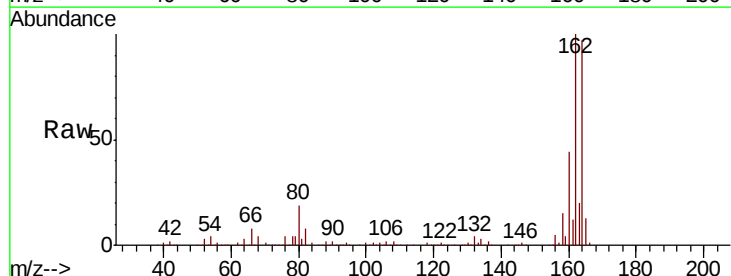


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

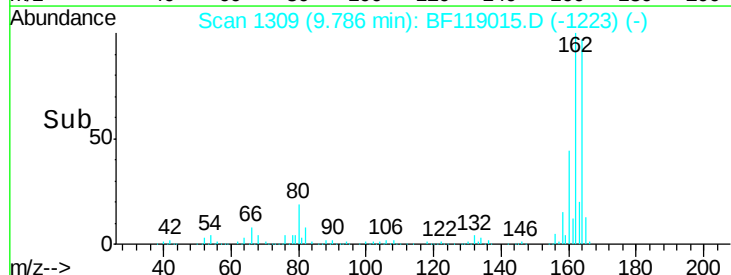
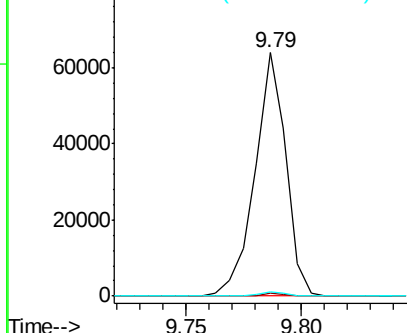


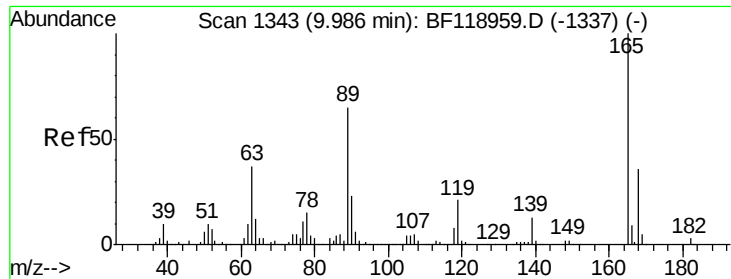
#51
2,6-Dinitrotoluene
Concen: 7.673 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Tgt Ion:165 Resp: 59896
Ion Ratio Lower Upper
165 100
63 1.0 37.9 56.9#
89 1.5 41.4 62.0#



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

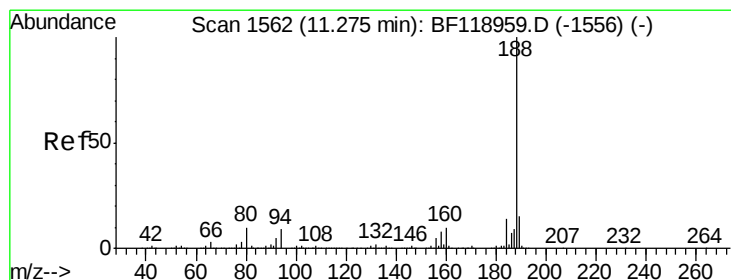
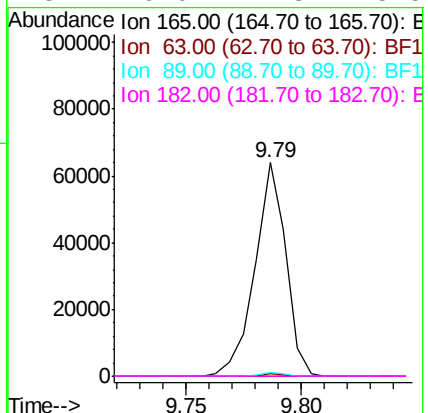
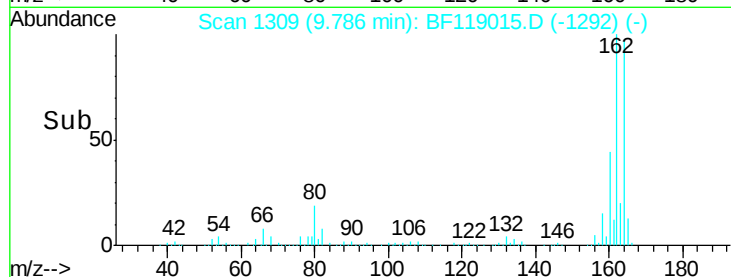
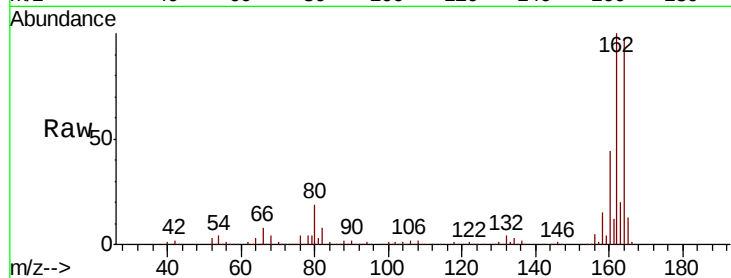




#57
 2,4-Dinitrotoluene
 Concen: 5.920 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

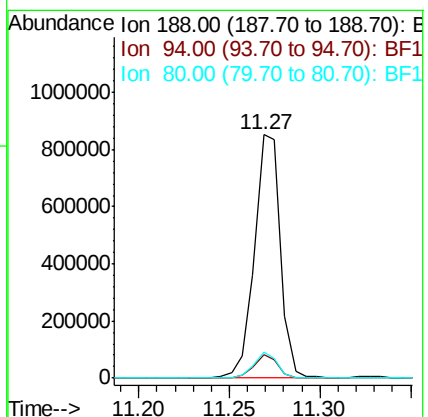
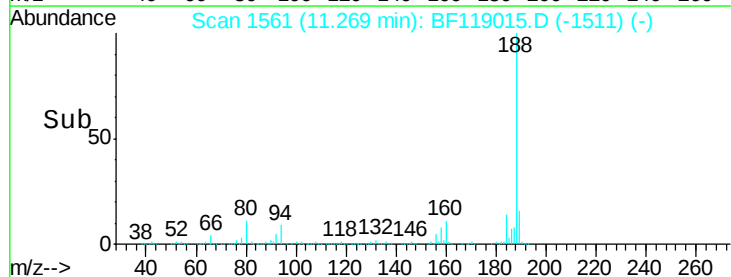
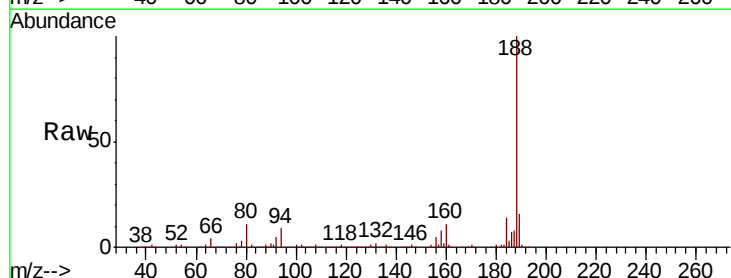
Instrument :
 BNA_F
 ClientSampleId :

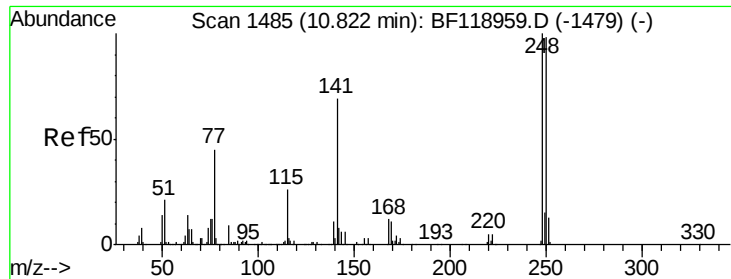
Tot Ion:165	Resp:	59896
Ion Ratio	Lower	Upper
165	100	
63	1.0	29.8 44.8#
89	1.5	51.9 77.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119015.D
 Acq: 24 Feb 2020 11:00

Tgt Ion:188	Resp:	849181
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.0 10.6
80	10.6	7.9 11.9

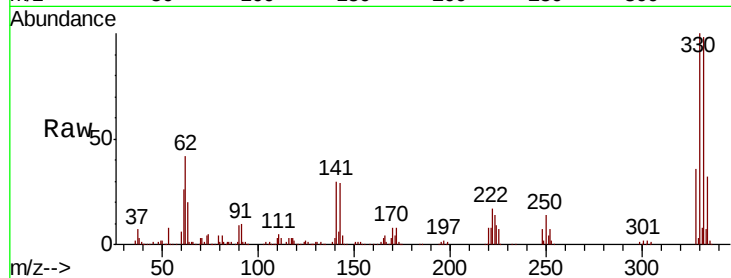




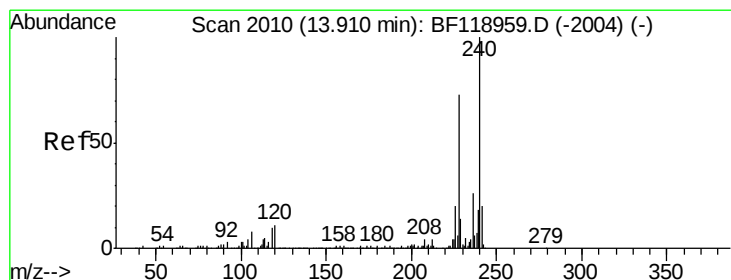
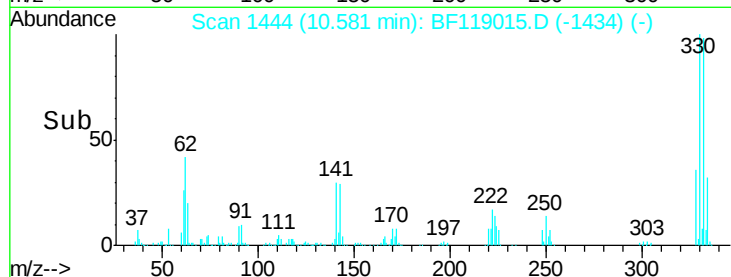
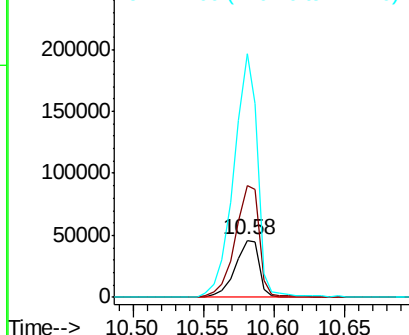
#67
4-Bromophenyl-phenylether
Concen: 4.937 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 54798
Ion Ratio Lower Upper
248 100
250 194.7 78.8 118.2#
141 425.3 55.3 82.9#

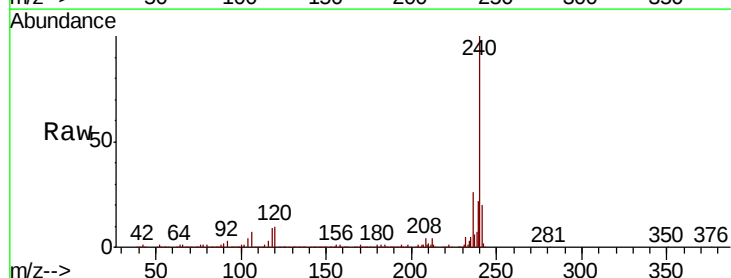


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

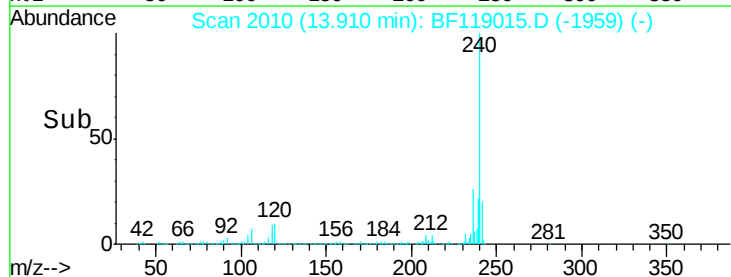
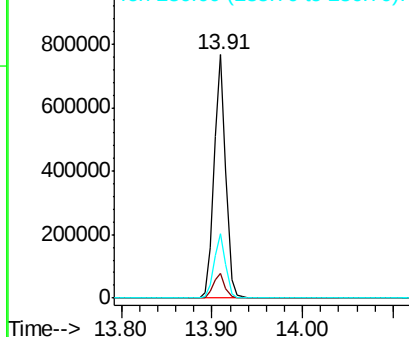


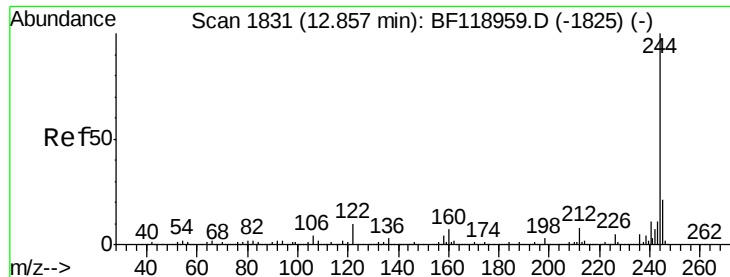
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF119015.D
Acq: 24 Feb 2020 11:00

Tgt Ion:240 Resp: 684732
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.4 20.6 30.8



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: 82.836 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119015.D

Acq: 24 Feb 2020 11:00

Instrument :

BNA_F

ClientSampleId :

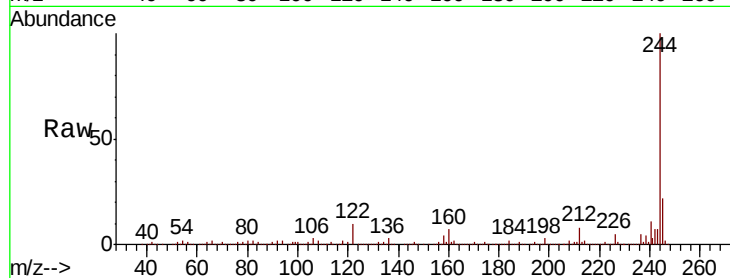
Tot Ion:244 Resp: 3294485

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

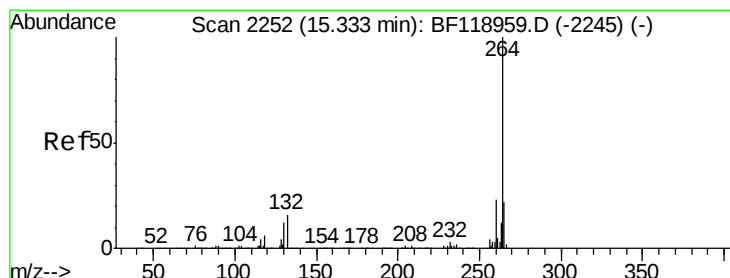
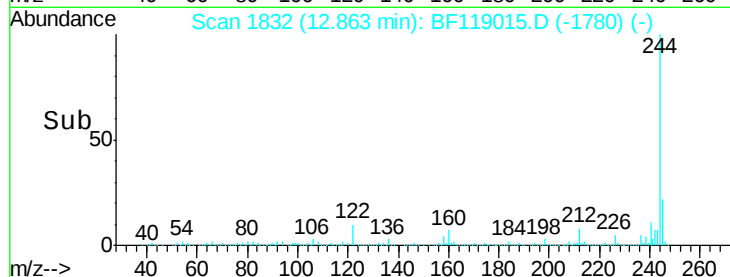
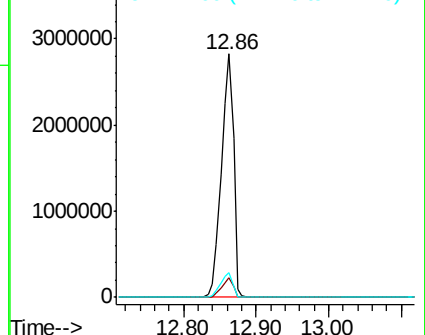
122 10.1 8.4 12.6



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: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF119015.D

Acq: 24 Feb 2020 11:00

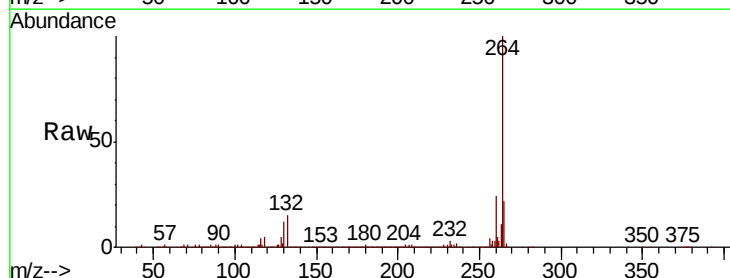
Tgt Ion:264 Resp: 694428

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.7 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

