

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119243.D
 Acq On : 6 Mar 2020 7:16
 Operator : CG/JU
 Sample : L1775-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 08:25:54 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

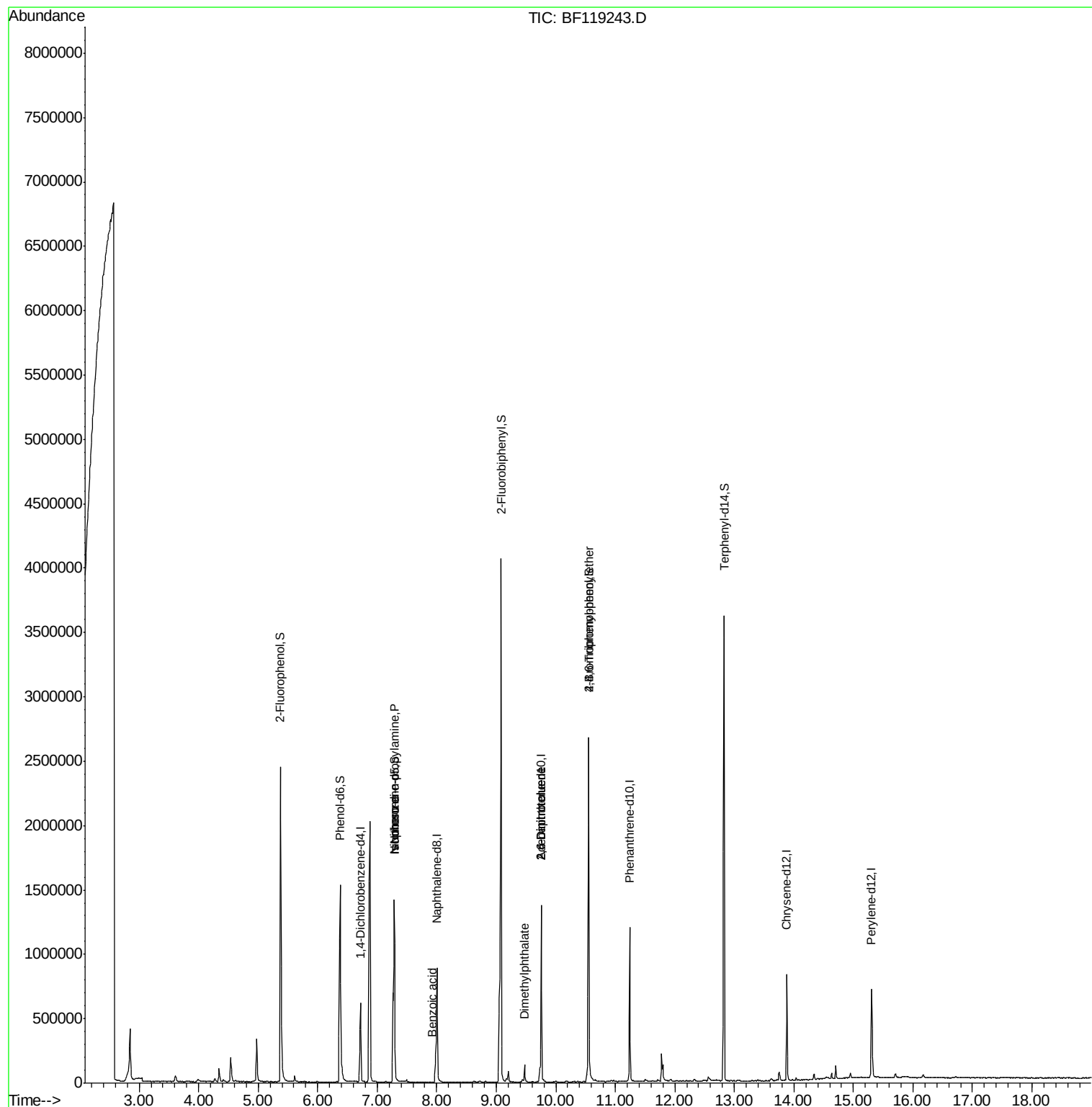
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151678	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	590063	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	304660	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	485197	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	280772	20.00	ng	-0.02
87) Perylene-d12	15.30	264	335447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	881707	97.15	ng	0.00
7) Phenol-d6	6.38	99	967069	87.61	ng	-0.02
23) Nitrobenzene-d5	7.29	82	856203	76.61	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	395934	99.34	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1674845	80.99	ng	-0.03
79) Terphenyl-d14	12.83	244	1402872	86.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	117716	18.302	ng	# 76
25) Isophorone	7.29	82	587064	30.248	ng	# 63
32) Benzoic acid	7.93	122	602	6.769	ng	# 46
50) Dimethylphthalate	9.47	163	64882	2.785	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	39254	7.584	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	39254	5.851	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	25643	4.043	ng	# 1

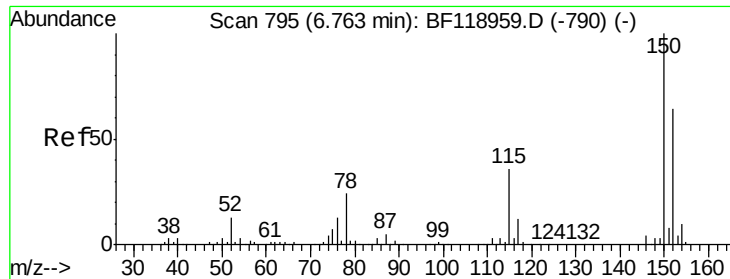
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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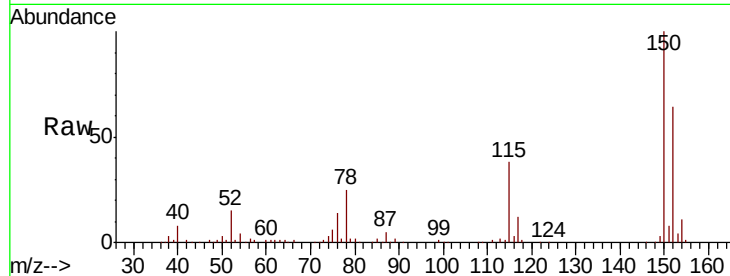


#1

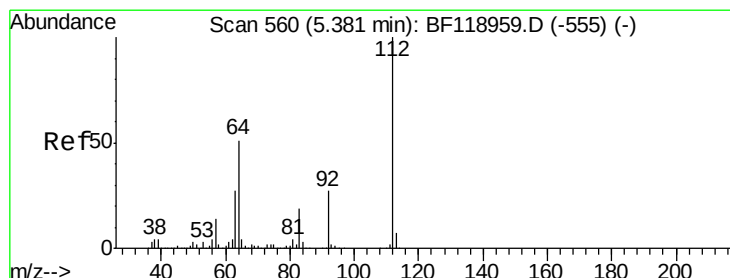
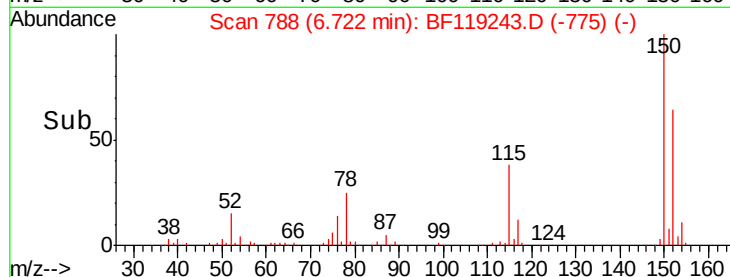
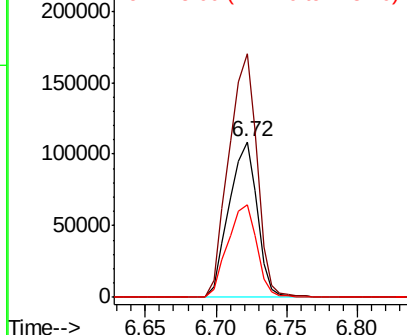
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151678
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 59.6 49.5 74.3



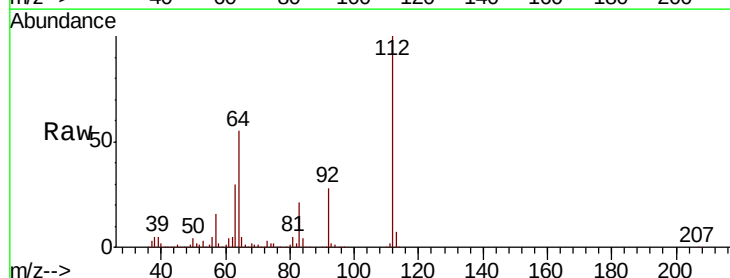
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



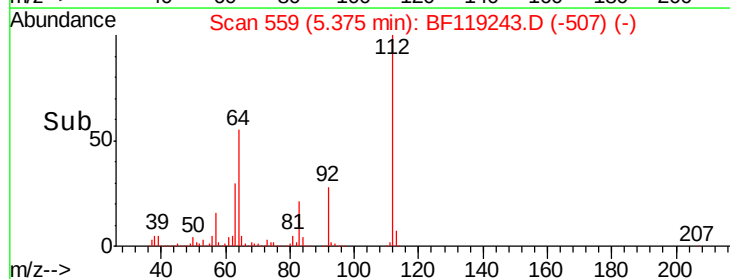
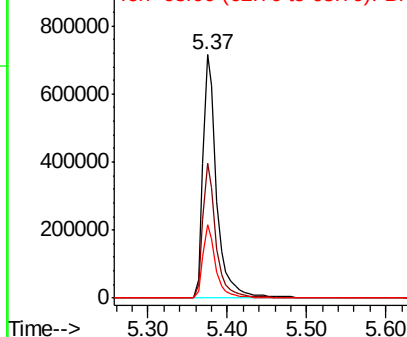
#5

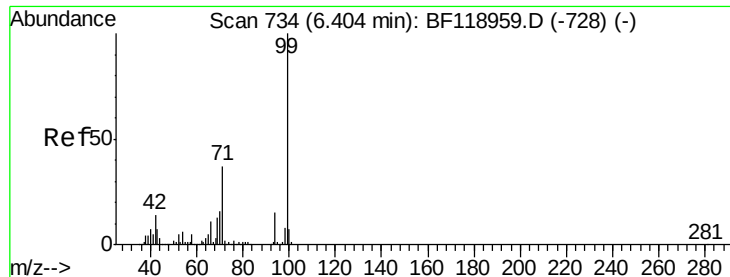
2-Fluorophenol
Concen: 97.146 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Tgt Ion:112 Resp: 881707
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 30.3 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: 87.611 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119243.D

Acq: 6 Mar 2020 7:16

Instrument :

BNA_F

ClientSampleId :

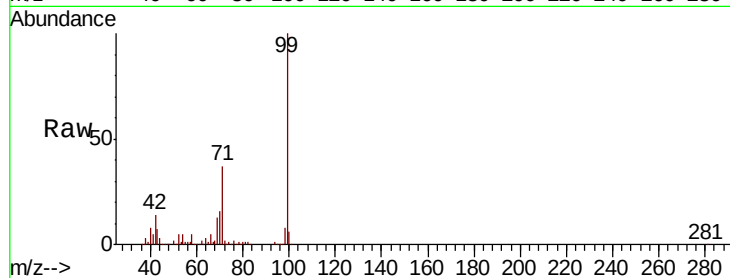
Tot Ion: 99 Resp: 967069

Ion Ratio Lower Upper

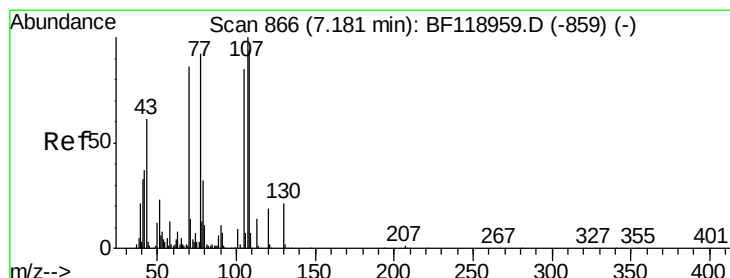
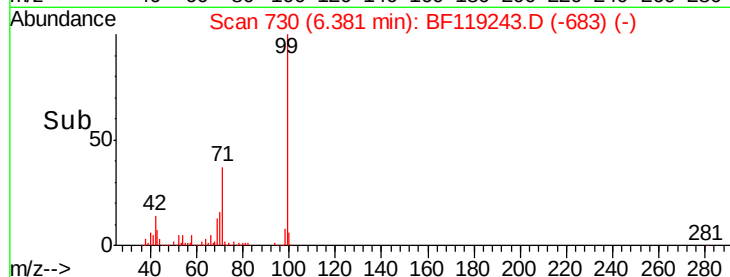
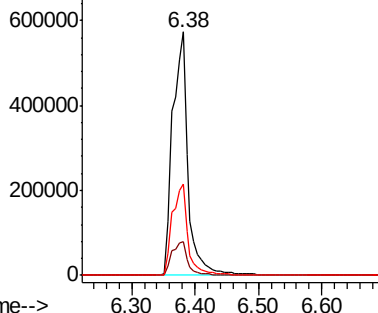
99 100

42 13.9 12.6 18.8

71 37.4 31.0 46.4



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: 18.302 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119243.D

Acq: 6 Mar 2020 7:16

Tgt Ion: 70 Resp: 117716

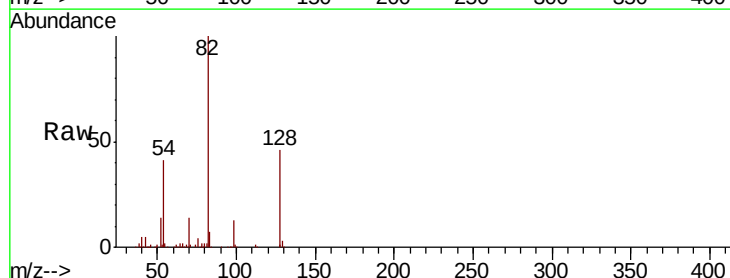
Ion Ratio Lower Upper

70 100

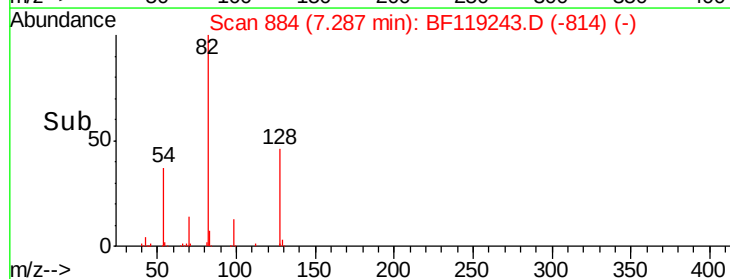
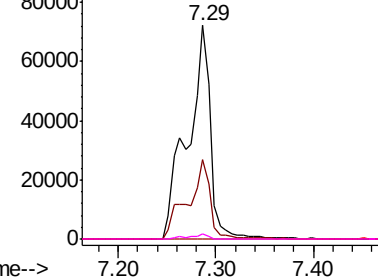
42 37.4 38.0 57.0#

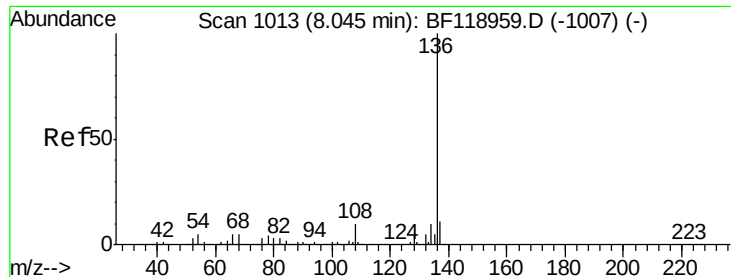
101 0.0 8.2 12.4#

130 2.2 18.2 27.4#



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

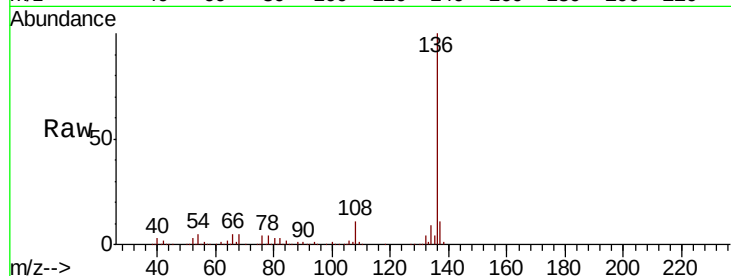




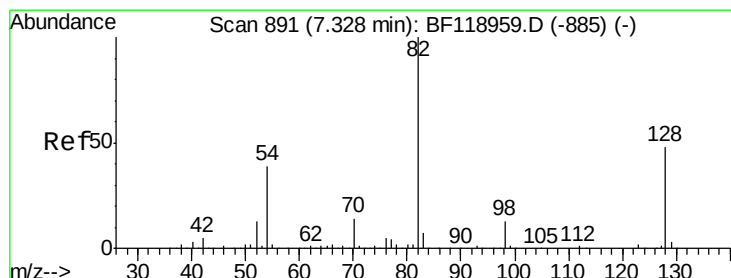
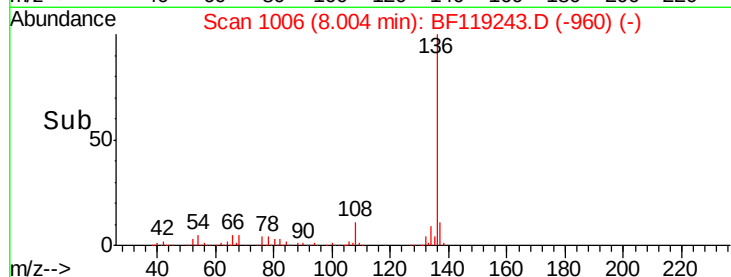
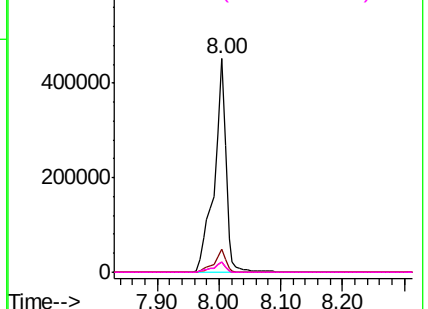
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	590063
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	5.1	3.8 5.6
68	5.1	3.9 5.9

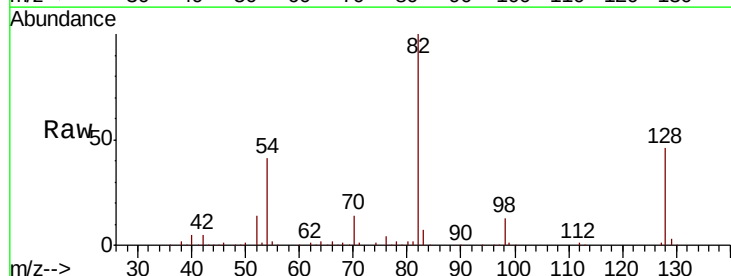


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

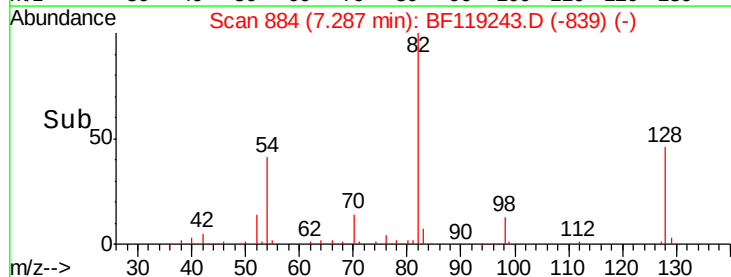
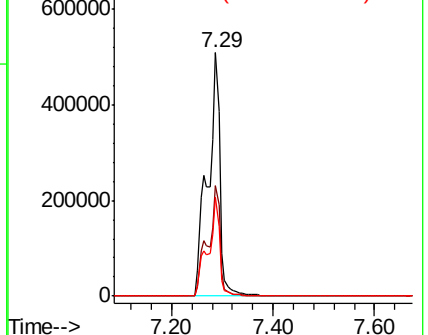


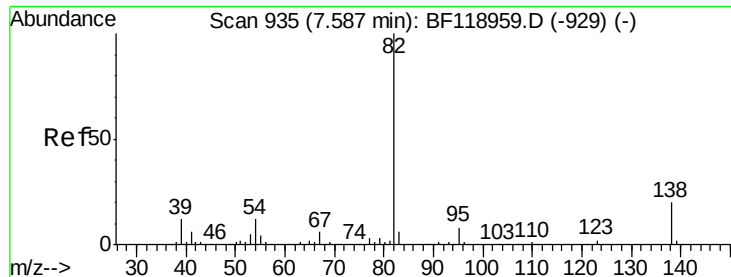
#23
Nitrobenzene-d5
Concen: 76.615 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Tgt Ion: 82	Resp:	856203
Ion Ratio	Lower	Upper
82	100	
128	45.6	37.9 56.9
54	40.5	33.4 50.2



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

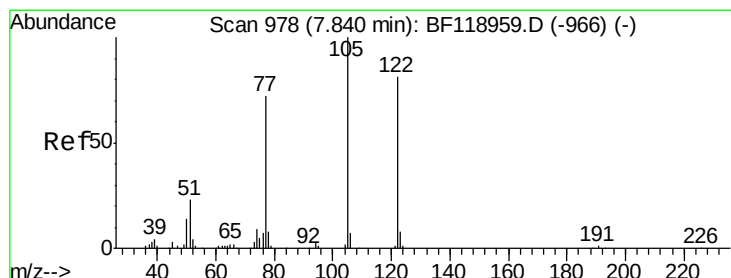
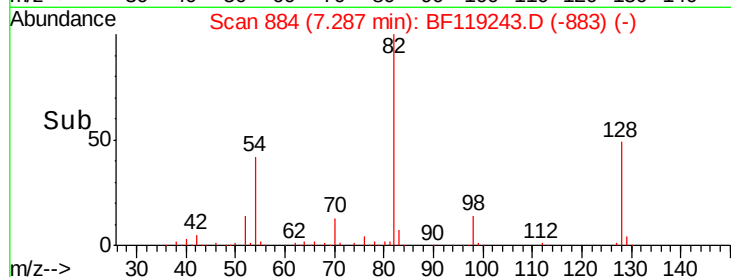
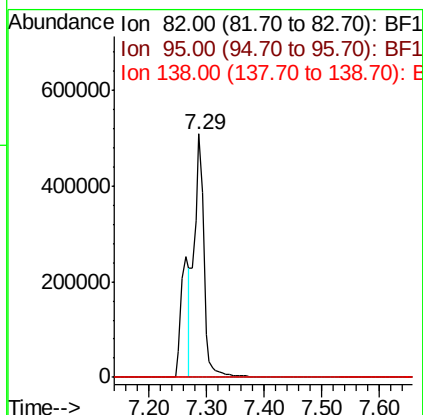
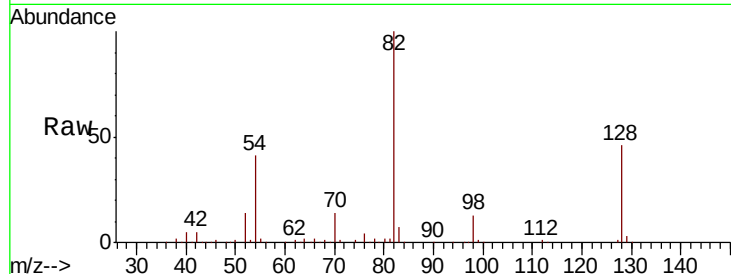




#25
Isophorone
Concen: 30.248 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

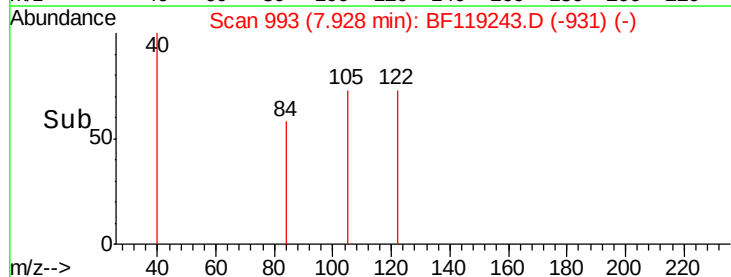
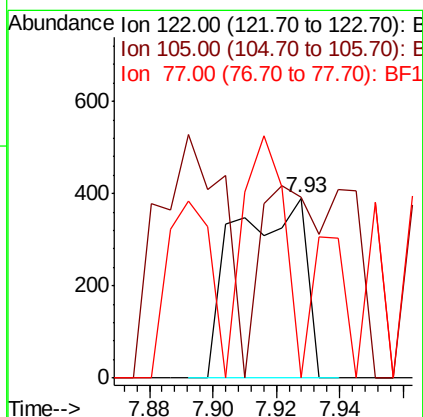
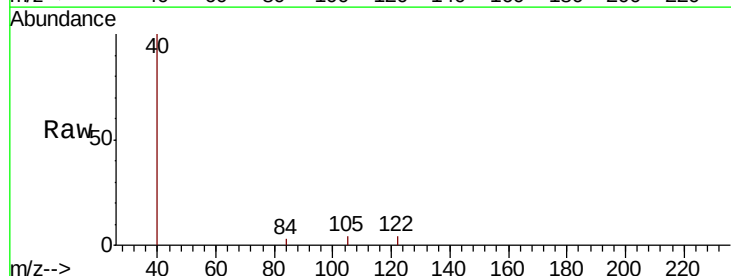
Instrument :
BNA_F
ClientSampleId :

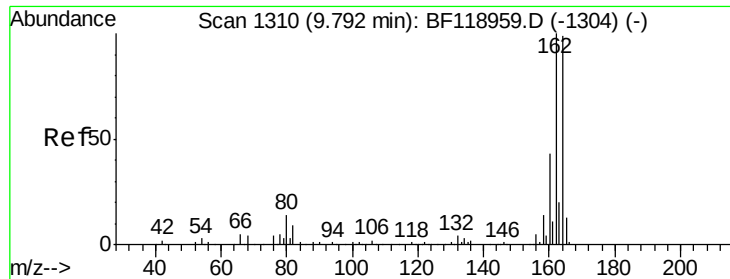
Tot Ion: 82 Resp: 587064
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#32
Benzoic acid
Concen: 6.769 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.06 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Tgt Ion:122 Resp: 602
Ion Ratio Lower Upper
122 100
105 100.3 106.3 146.3#
77 0.0 73.1 113.1#

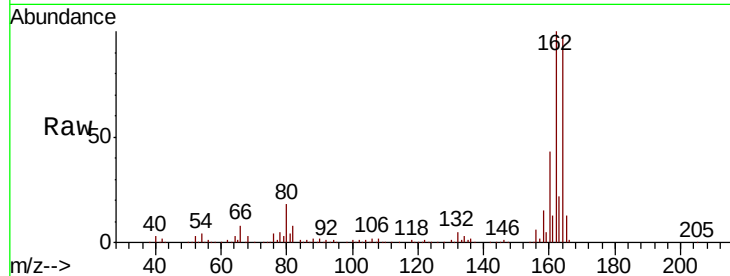




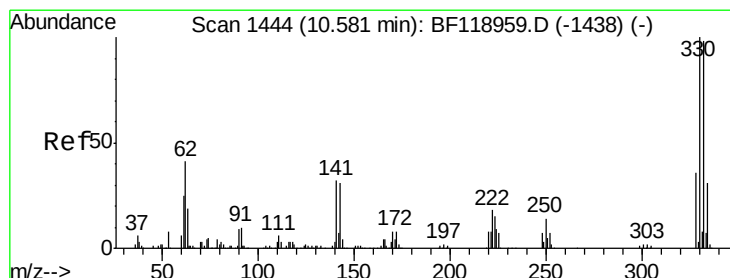
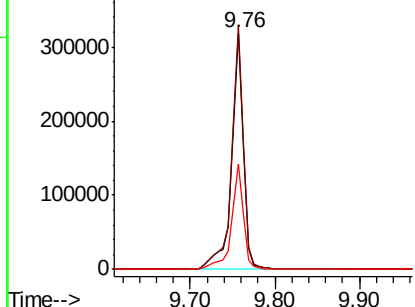
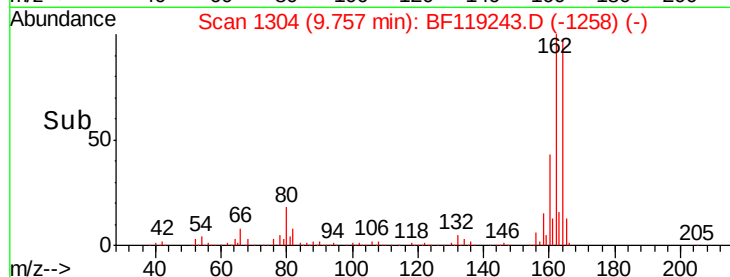
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 304660
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.8
 160 44.7 36.0 54.0

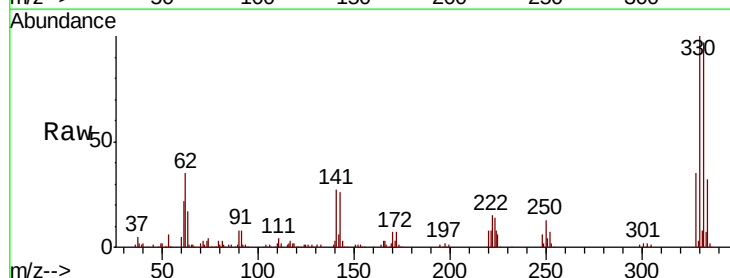


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

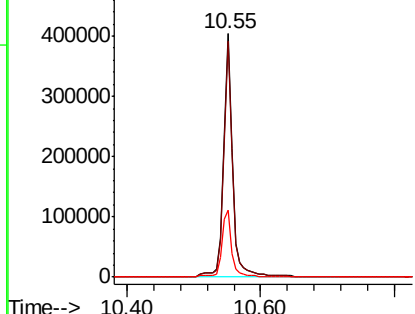
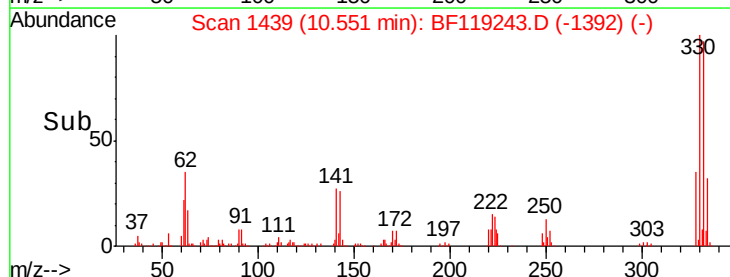


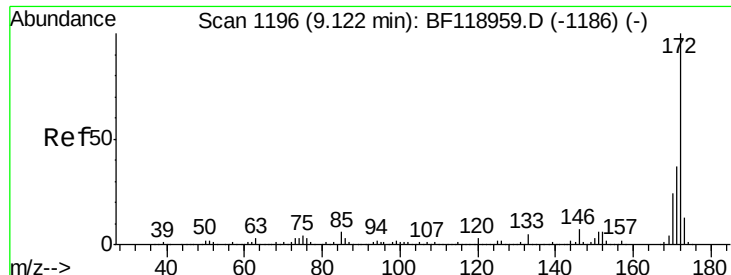
#42
 2,4,6-Tribromophenol
 Concen: 99.344 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

Tgt Ion:330 Resp: 395934
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 30.1 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

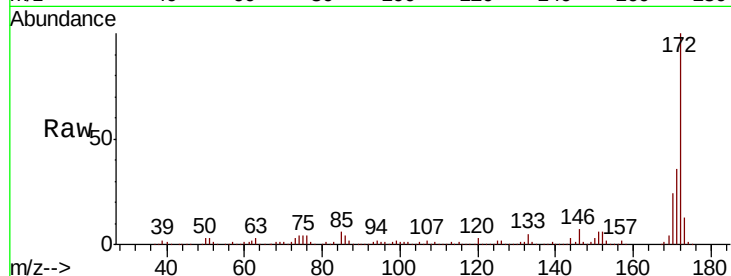




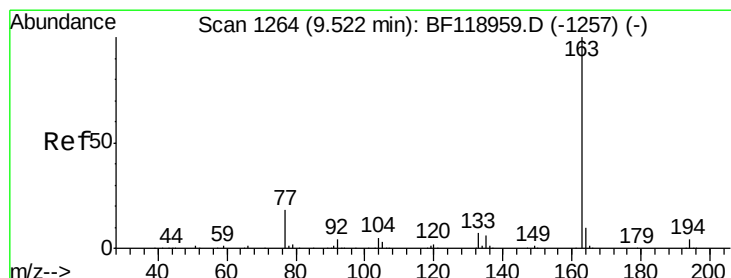
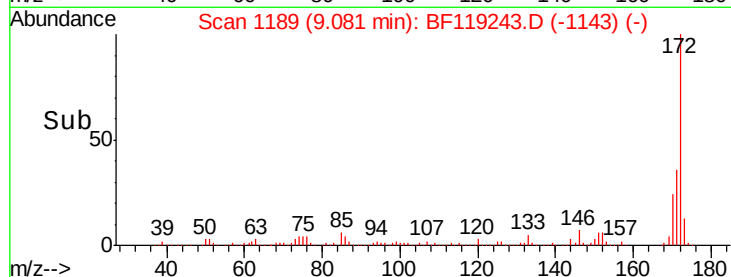
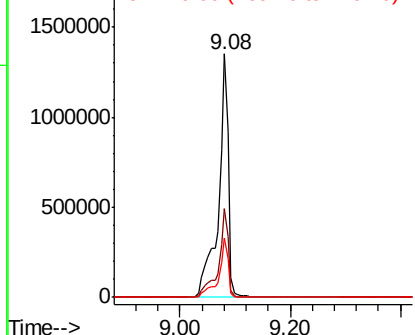
#45
2-Fluorobiphenyl
Concen: 80.987 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1674845
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 24.2 20.2 30.2

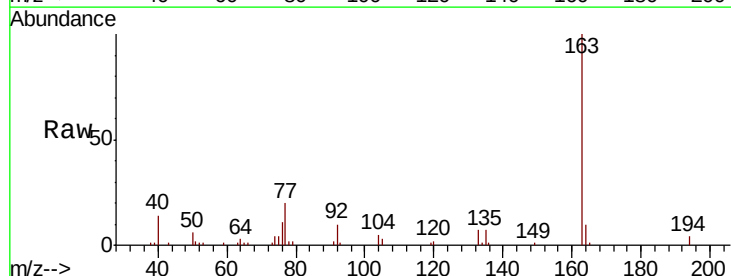


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

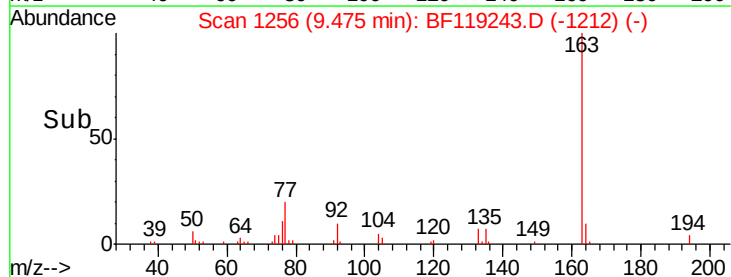
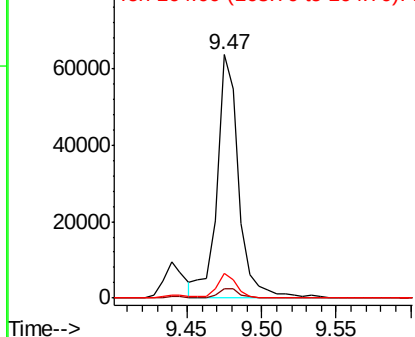


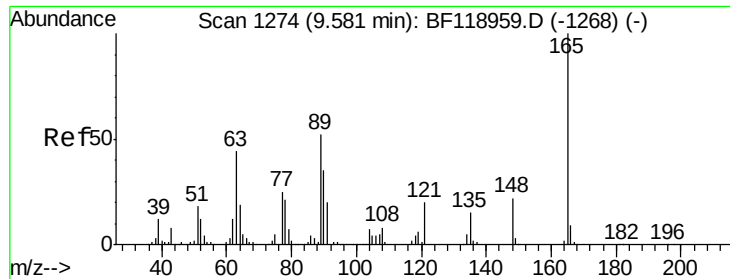
#50
Dimethylphthalate
Concen: 2.785 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Tgt Ion:163 Resp: 64882
Ion Ratio Lower Upper
163 100
194 3.9 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

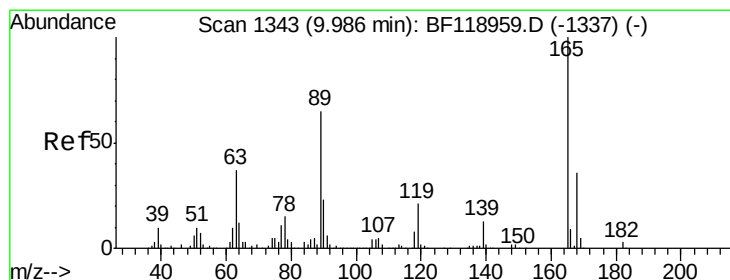
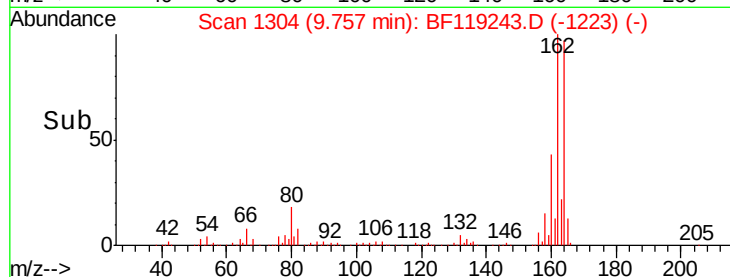
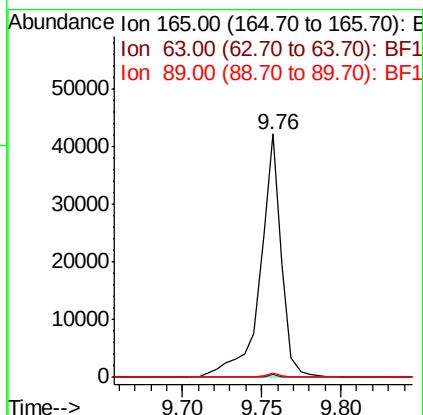
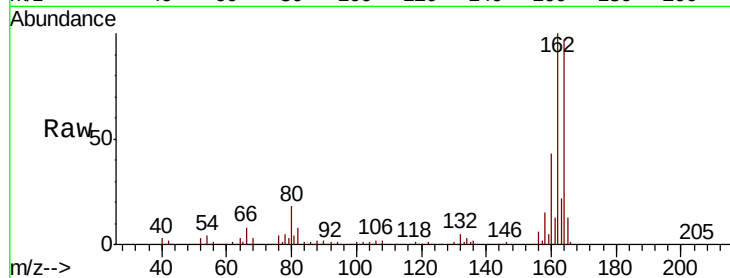




#51
 2,6-Dinitrotoluene
 Concen: 7.584 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.18 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

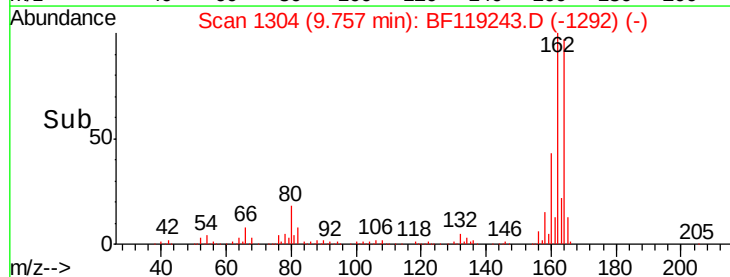
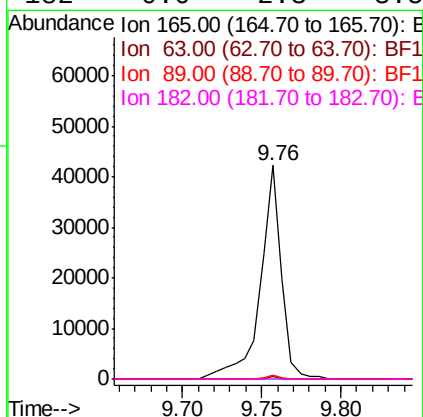
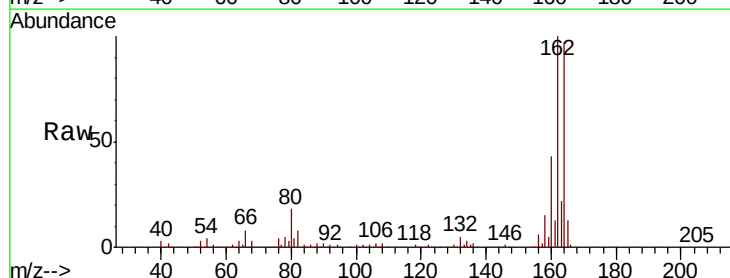
Instrument :
 BNA_F
 ClientSampled :

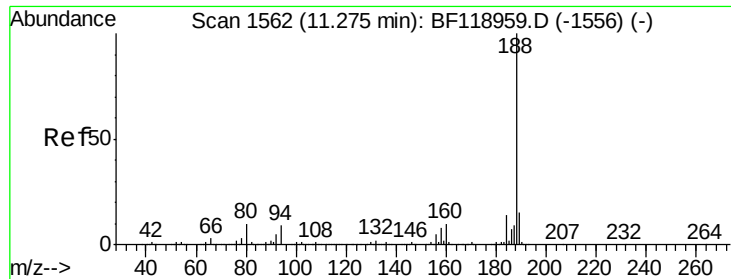
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.851 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#

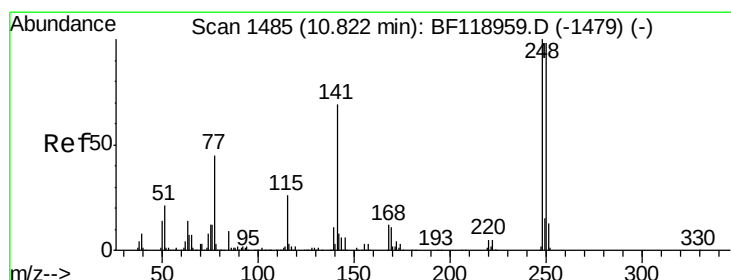
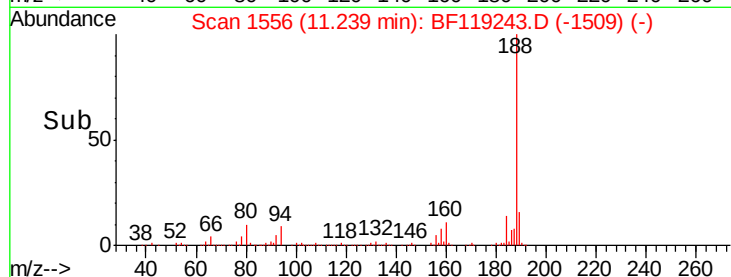
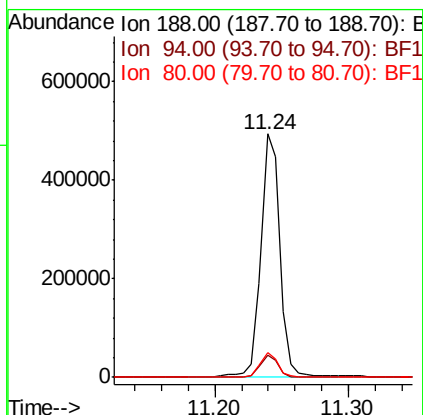
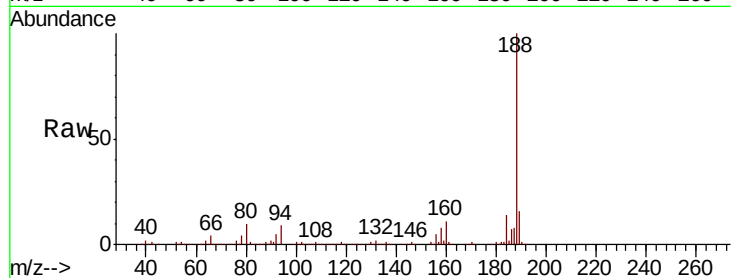




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

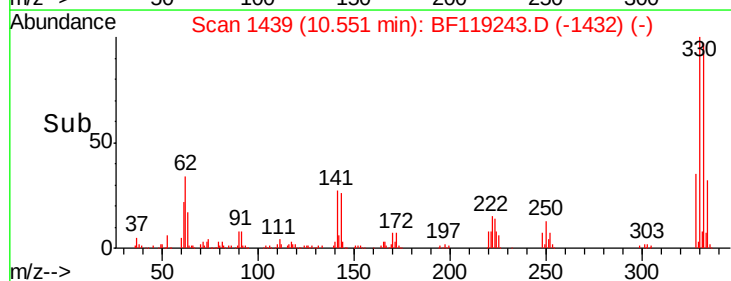
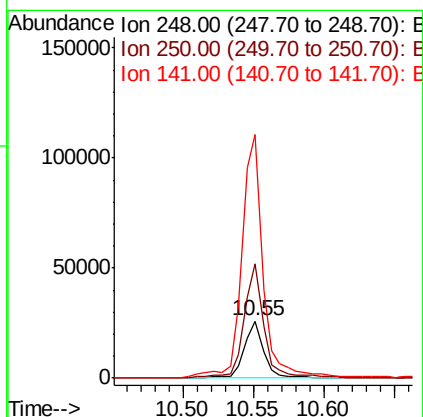
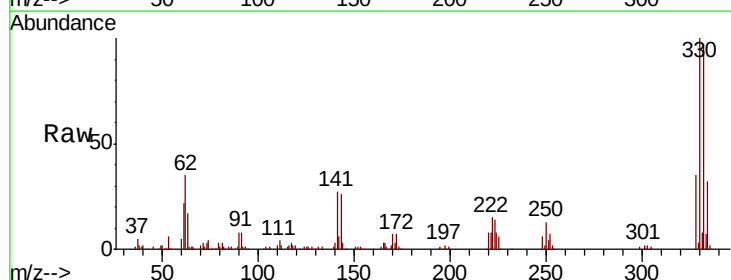
Instrument :
BNA_F
ClientSampleId :

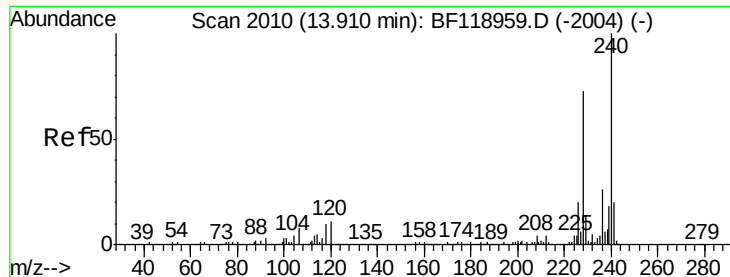
Tot Ion:188 Resp: 485197
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.3 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.043 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Tgt Ion:248 Resp: 25643
Ion Ratio Lower Upper
248 100
250 200.2 76.7 115.1#
141 424.7 60.7 91.1#

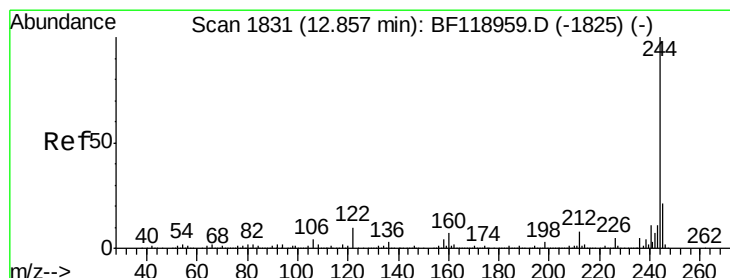
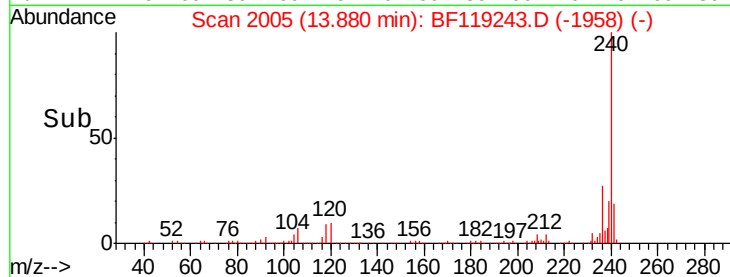
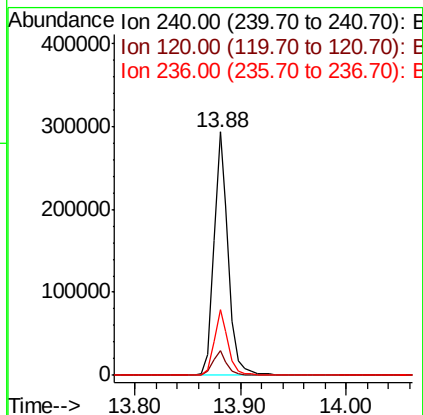
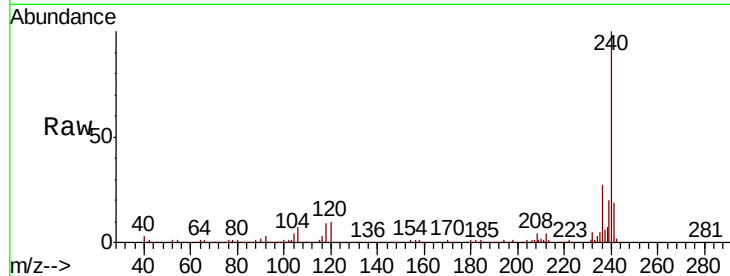




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

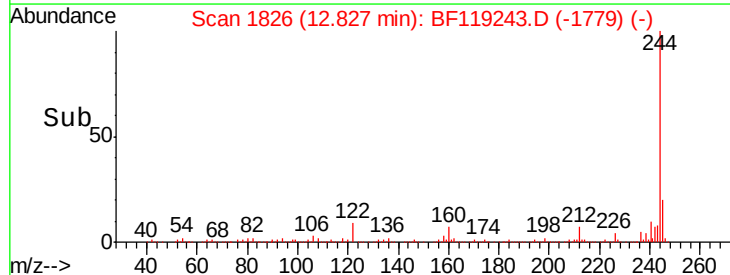
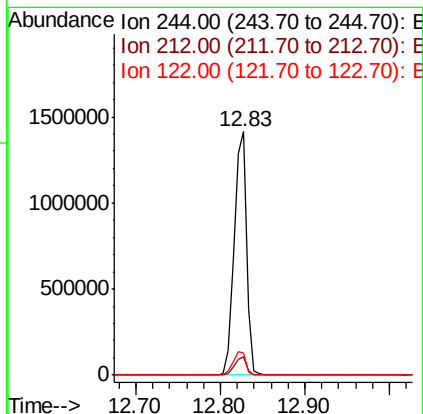
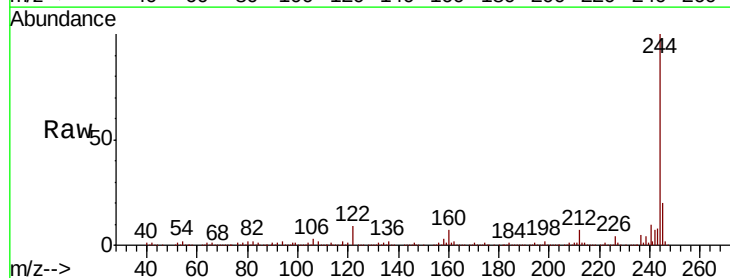
Instrument :
 BNA_F
 ClientSampleId :

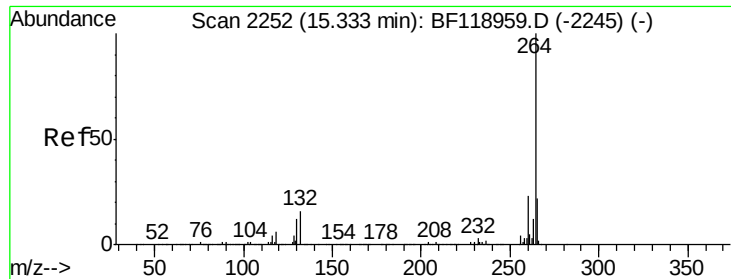
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.8	21.0	31.4



#79
 Terphenyl-d14
 Concen: 86.023 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119243.D
 Acq: 6 Mar 2020 7:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.0	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119243.D
Acq: 6 Mar 2020 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.7	26.5

