

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119032.D
 Acq On : 24 Feb 2020 20:31
 Operator : CG/JU
 Sample : L1650-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:26:28 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

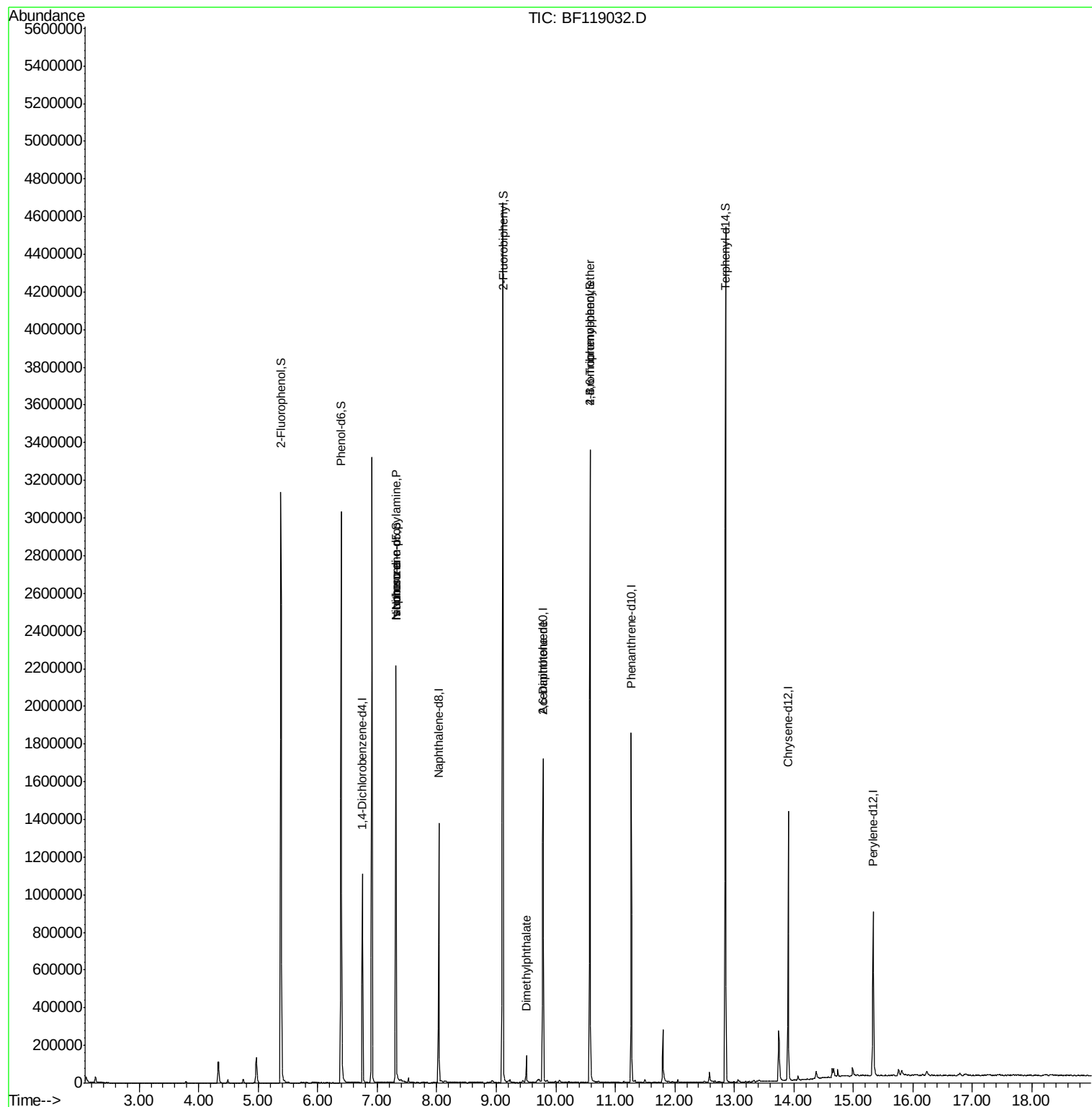
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168792	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	658093	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	357837	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	655768	20.00	ng	0.00
76) Chrysene-d12	13.90	240	470356	20.00	ng	0.00
87) Perylene-d12	15.33	264	427538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	968368	95.88	ng	0.00
7) Phenol-d6	6.40	99	1179547	96.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	787005	63.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	451801	96.52	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1518760	62.53	ng	-0.01
79) Terphenyl-d14	12.85	244	1756079	64.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	108335	15.135	ng	# 76
25) Isophorone	7.32	82	786998	36.358	ng	# 63
50) Dimethylphthalate	9.50	163	62289	2.276	ng	97
51) 2,6-Dinitrotoluene	9.79	165	46968	7.726	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	29659	3.460	ng	# 1

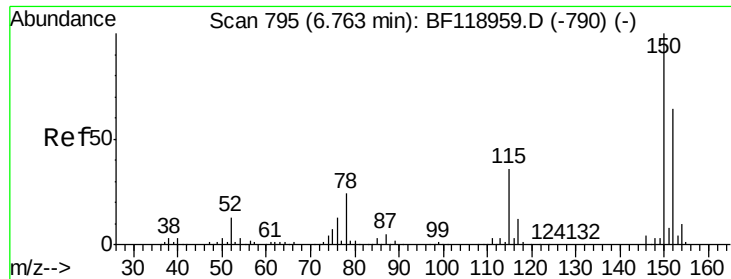
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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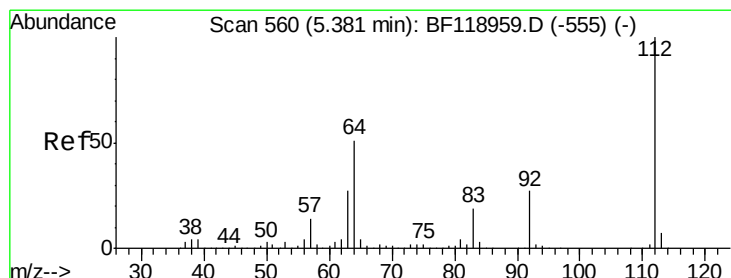
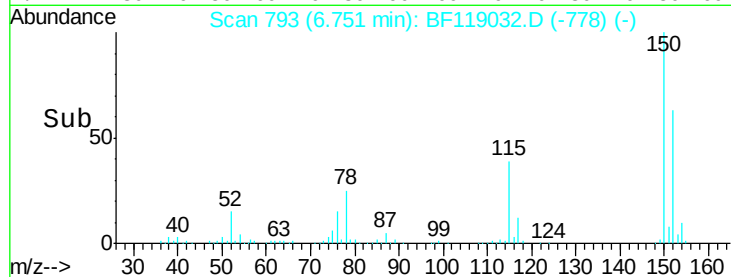
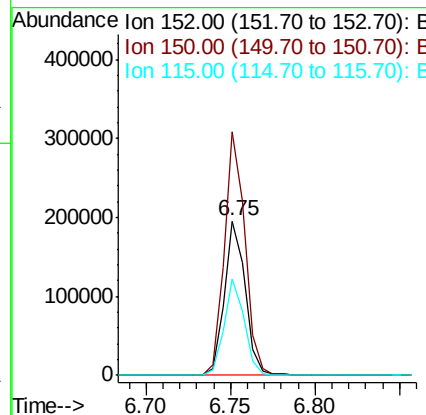
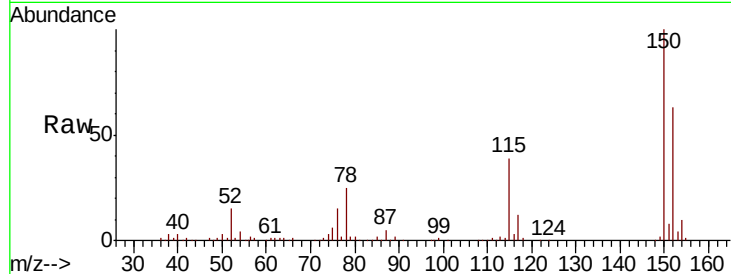


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampled :

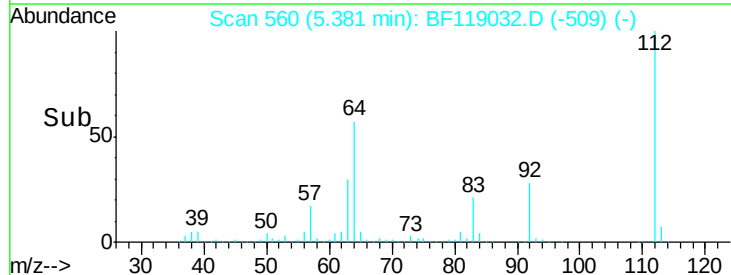
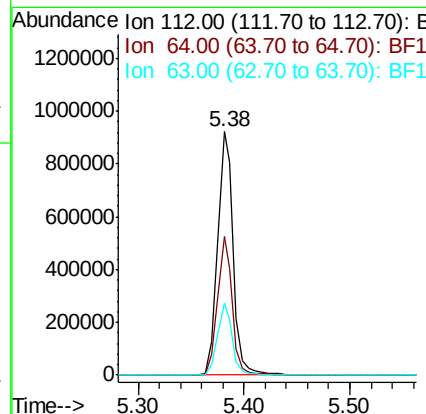
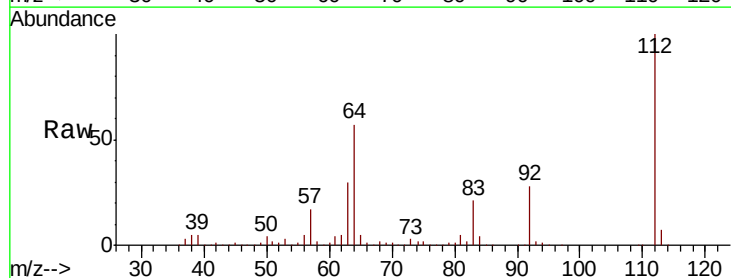
Tot Ion:152 Resp: 168792
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 62.0 44.6 67.0

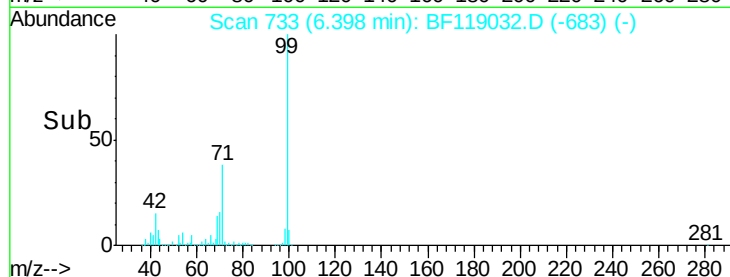
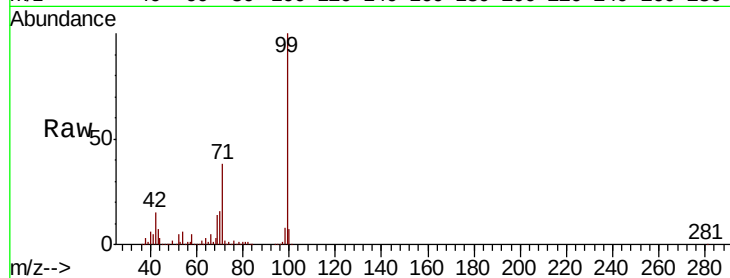
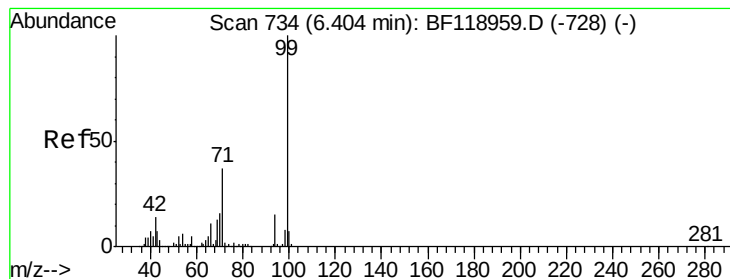


#5

2-Fluorophenol
Concen: 95.876 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion:112 Resp: 968368
Ion Ratio Lower Upper
112 100
64 57.0 40.4 60.6
63 29.7 21.3 31.9





#7

Phenol-d6

Concen: 96.026 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampled :

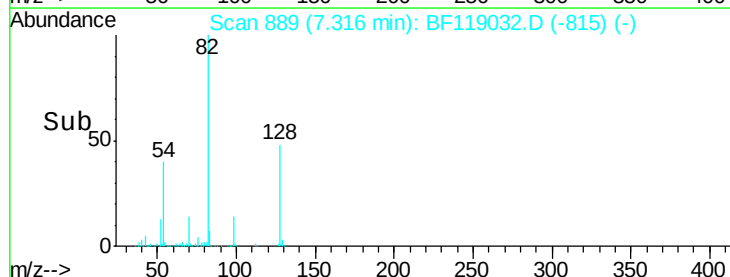
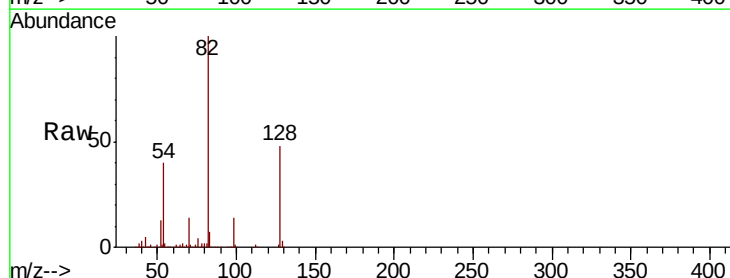
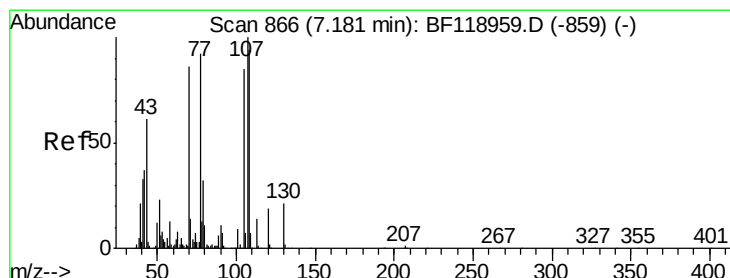
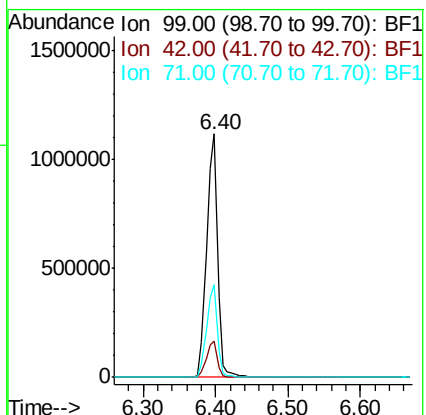
Tot Ion: 99 Resp: 1179547

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

71 38.2 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.135 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Tgt Ion: 70 Resp: 108335

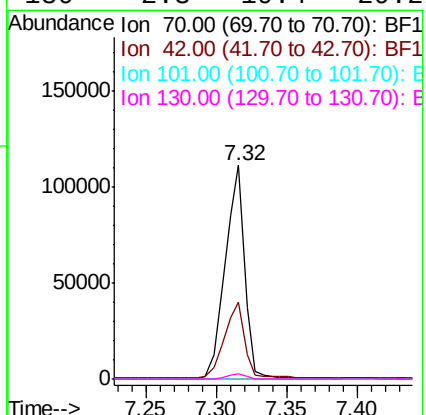
Ion Ratio Lower Upper

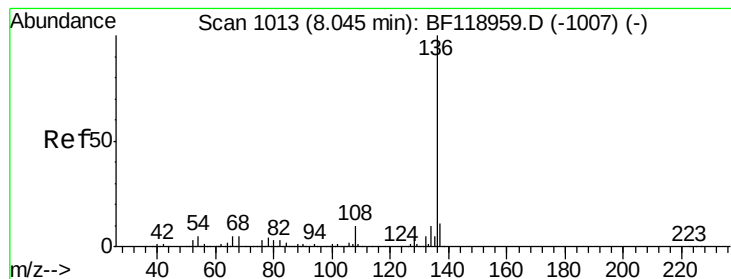
70 100

42 36.2 34.6 51.8

101 0.0 8.1 12.1#

130 2.3 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: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 658093

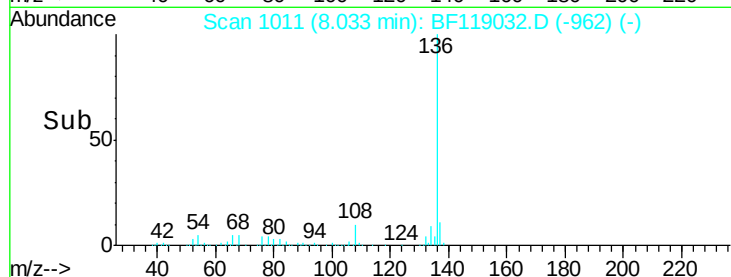
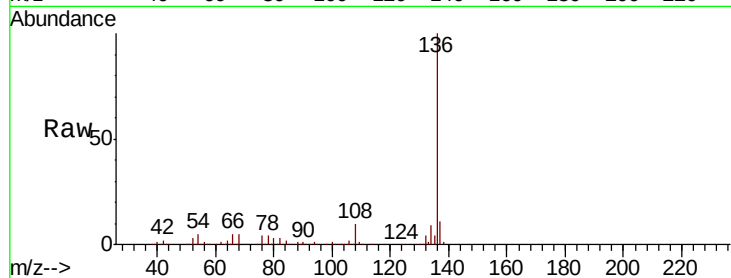
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.9 3.8 5.6

68 5.3 4.2 6.2

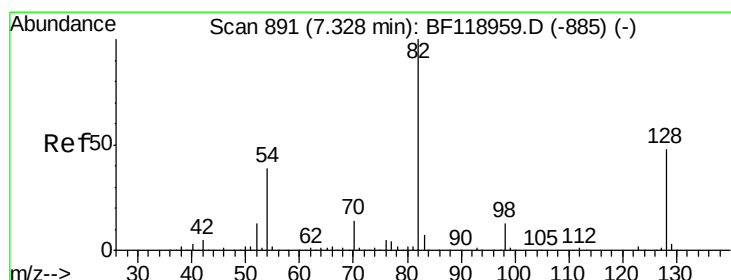
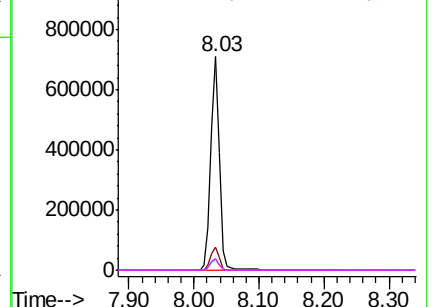


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.143 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

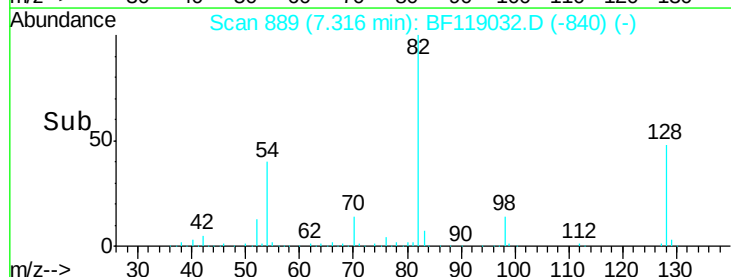
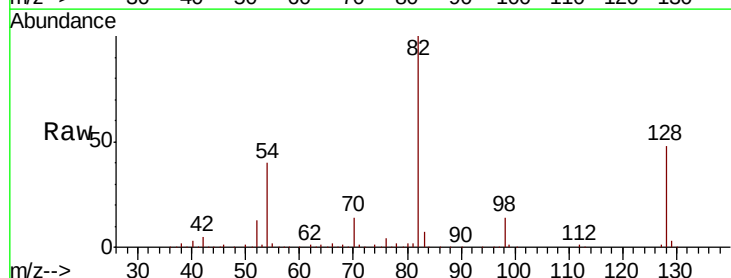
Tgt Ion: 82 Resp: 787005

Ion Ratio Lower Upper

82 100

128 48.5 38.2 57.2

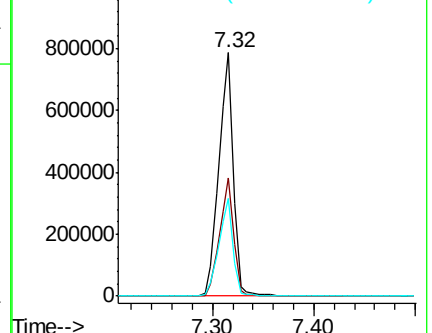
54 39.9 31.3 46.9

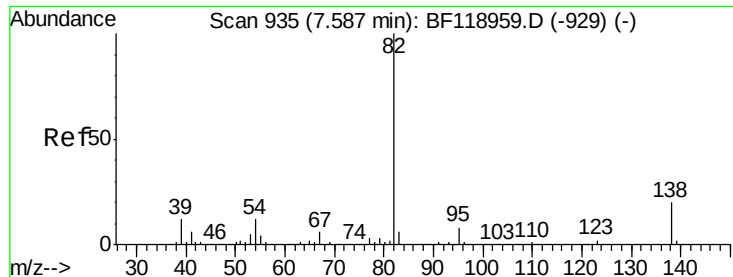


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

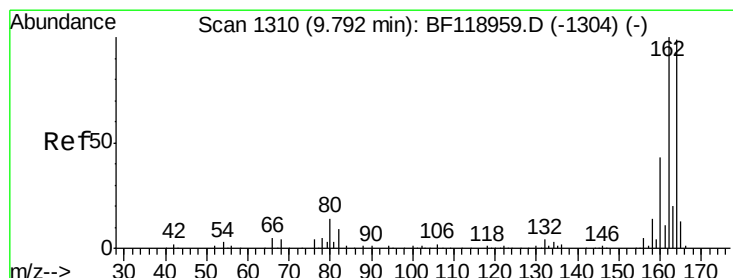
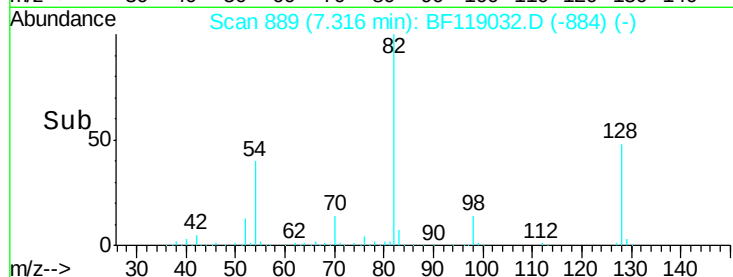
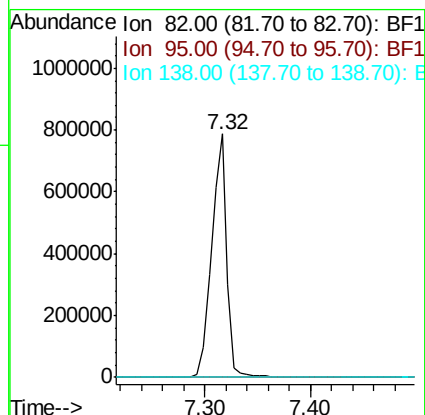
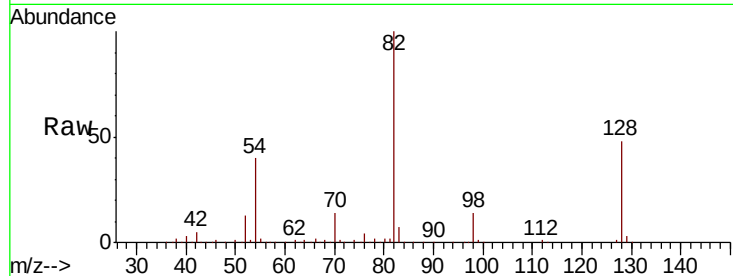




#25
Isophorone
Concen: 36.358 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

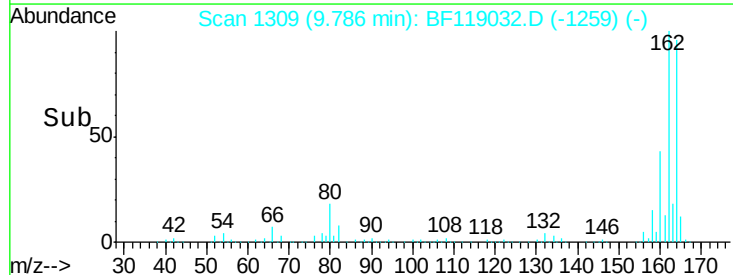
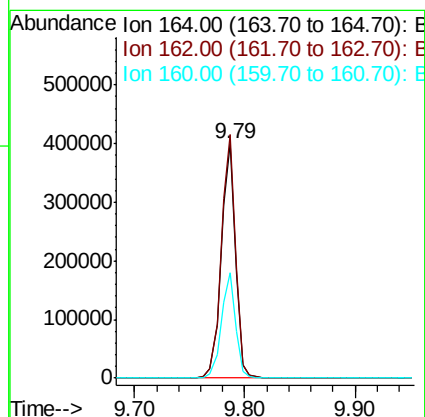
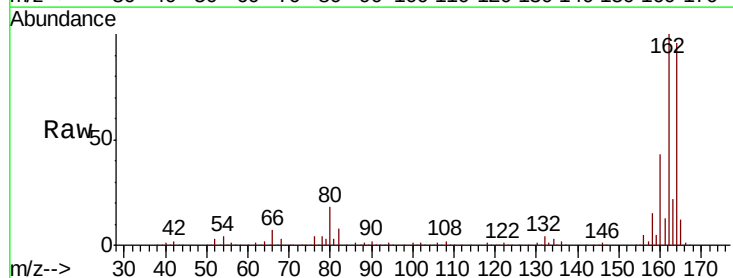
Instrument :
BNA_F
ClientSampled :

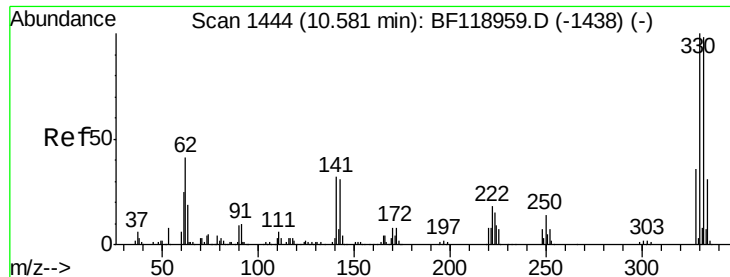
Tot Ion: 82 Resp: 786998
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion: 164 Resp: 357837
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 45.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 96.516 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampleId :

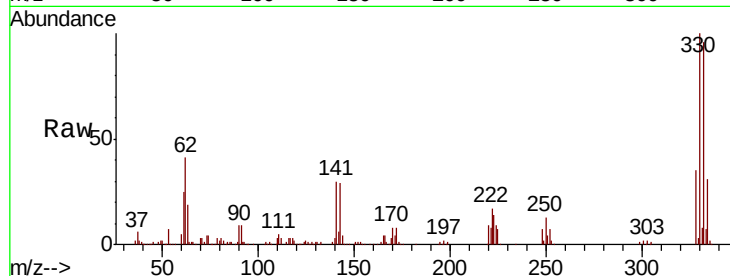
Tot Ion:330 Resp: 451801

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

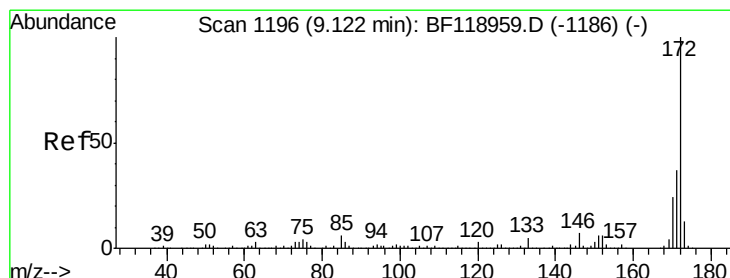
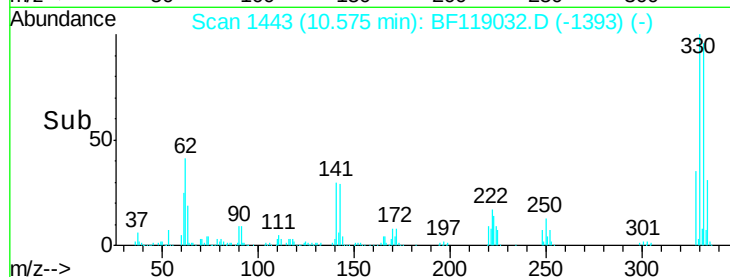
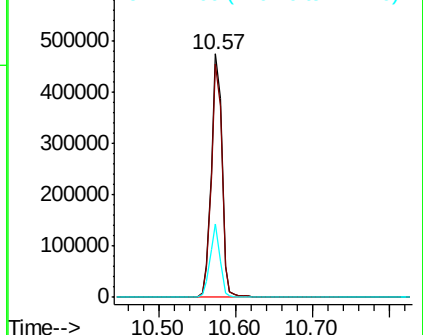
141 28.3 23.0 34.6



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: 62.526 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

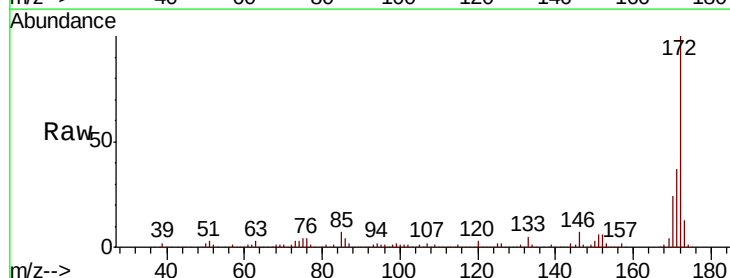
Tgt Ion:172 Resp: 1518760

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

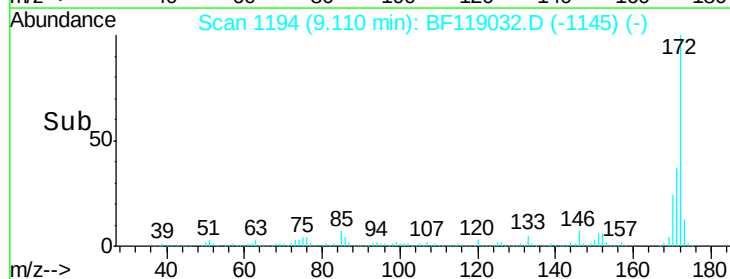
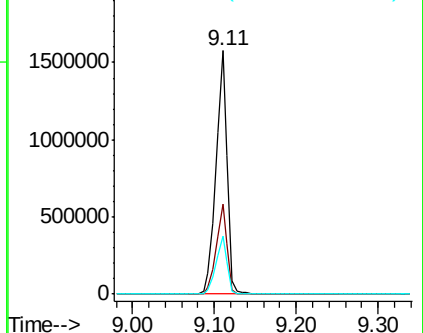
170 24.0 19.6 29.4

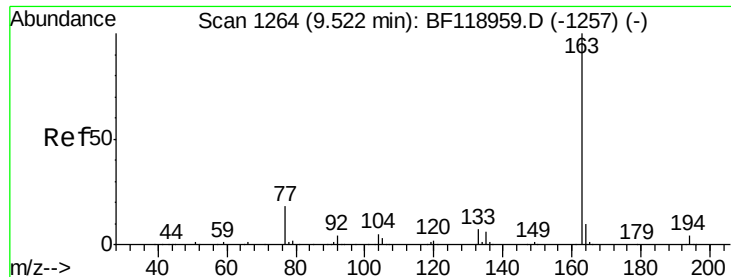


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

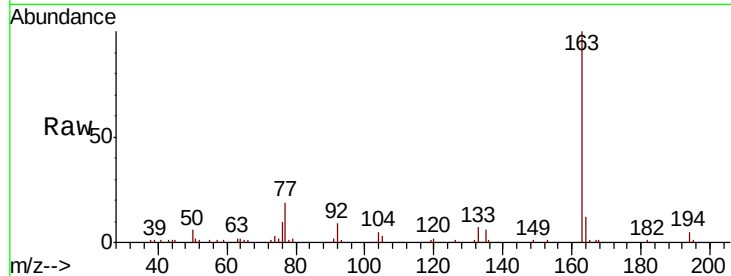




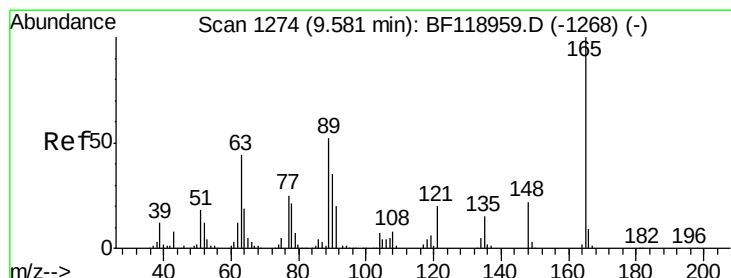
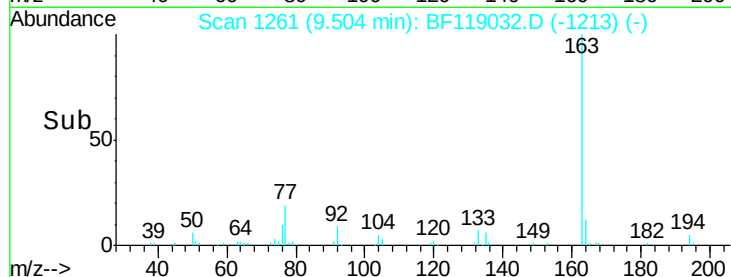
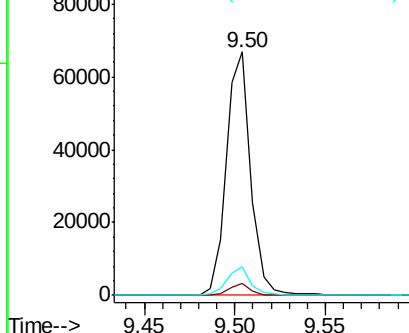
#50
Dimethylphthalate
Concen: 2.276 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 62289
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 11.7 8.2 12.2

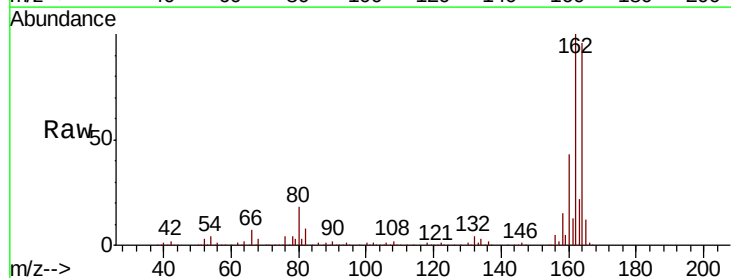


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

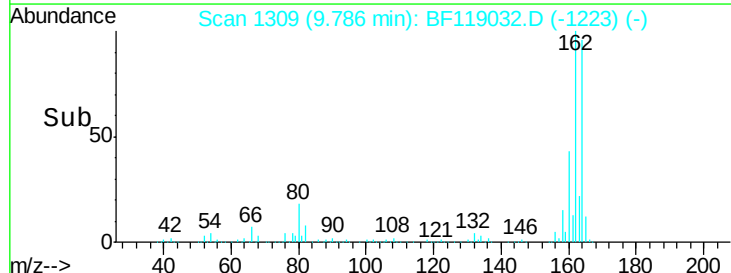
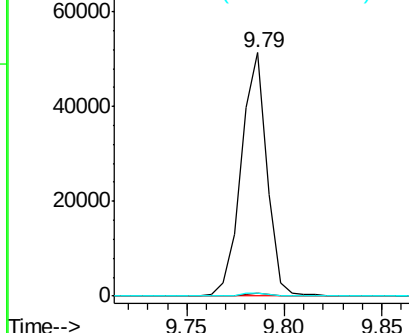


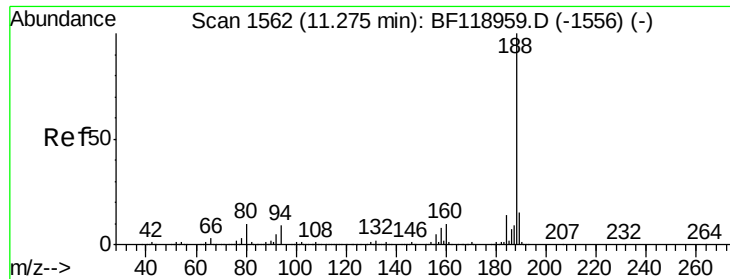
#51
2,6-Dinitrotoluene
Concen: 7.726 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion:165 Resp: 46968
Ion Ratio Lower Upper
165 100
63 1.1 37.9 56.9#
89 1.3 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

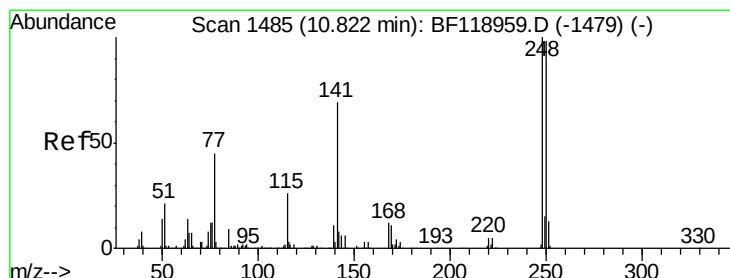
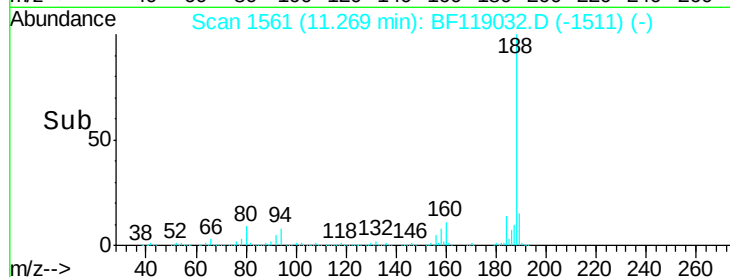
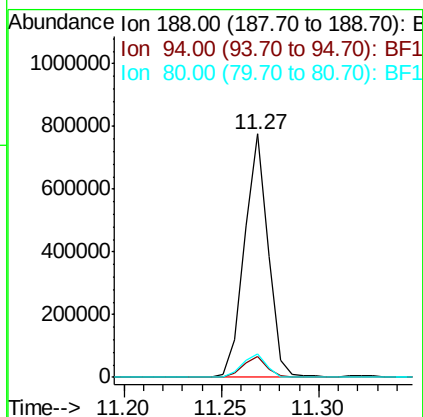
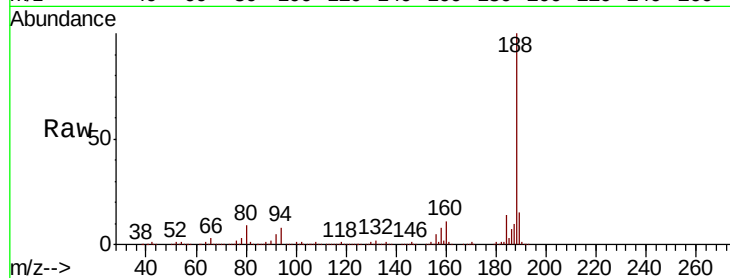




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

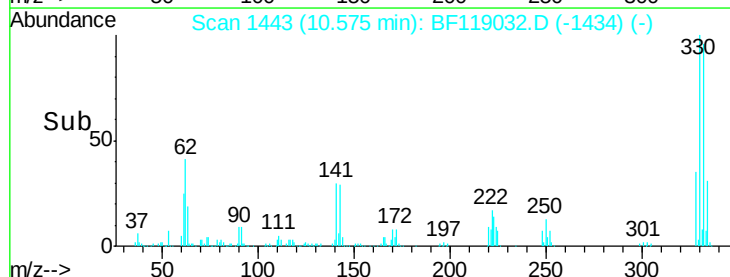
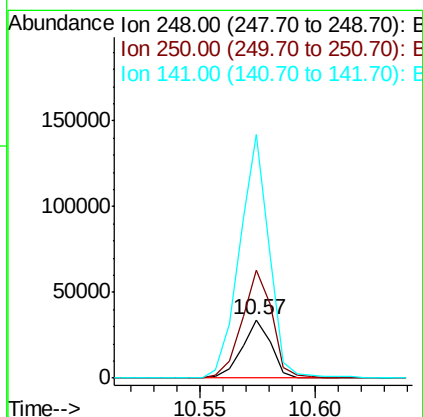
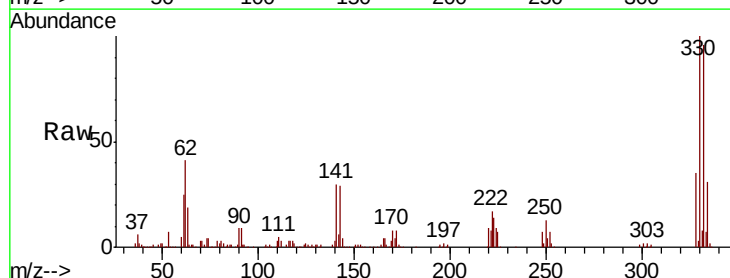
Instrument :
BNA_F
ClientSampleId :

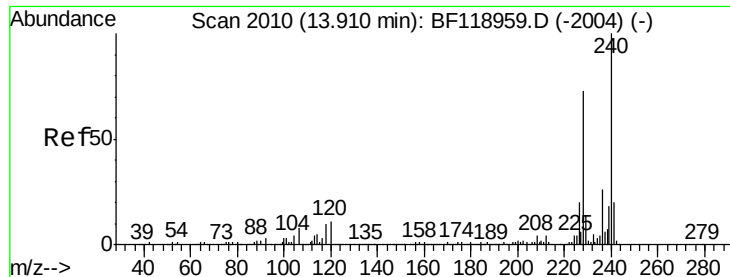
Tot Ion:188 Resp: 655768
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion:248 Resp: 29659
Ion Ratio Lower Upper
248 100
250 184.7 78.8 118.2#
141 418.6 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: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampleId :

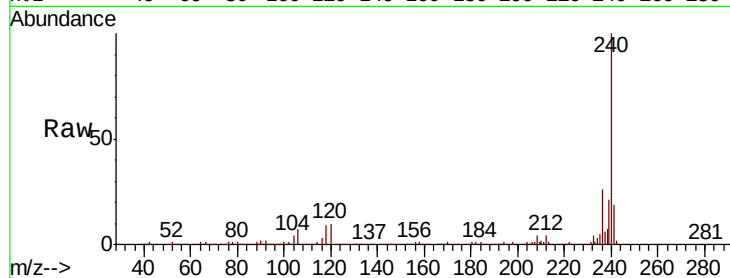
Tot Ion:240 Resp: 470356

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

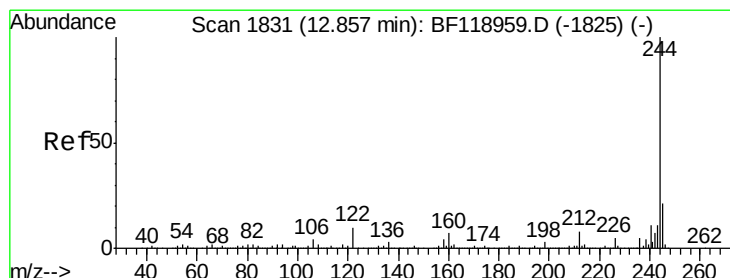
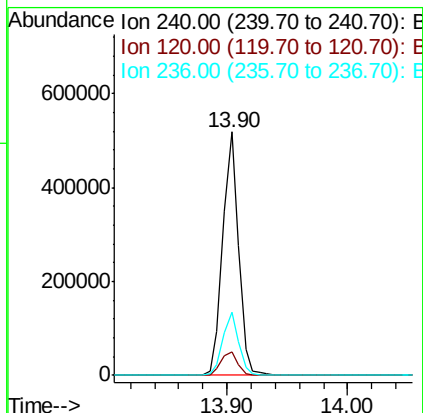
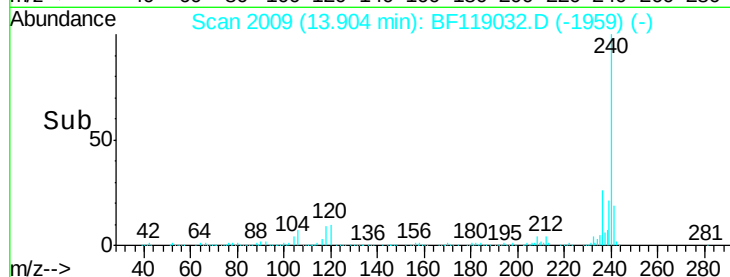
236 26.1 20.6 30.8



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: 64.279 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

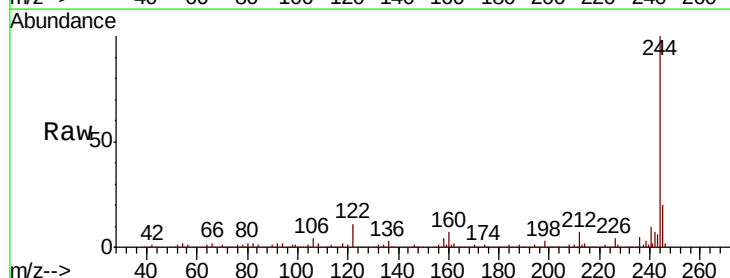
Tgt Ion:244 Resp: 1756079

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

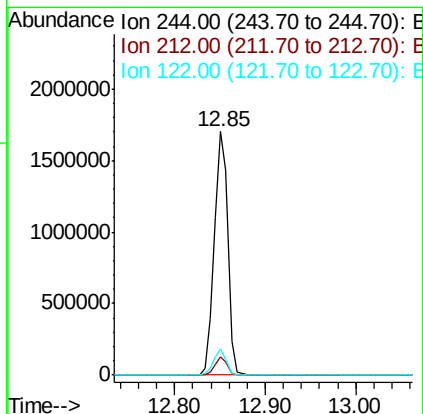
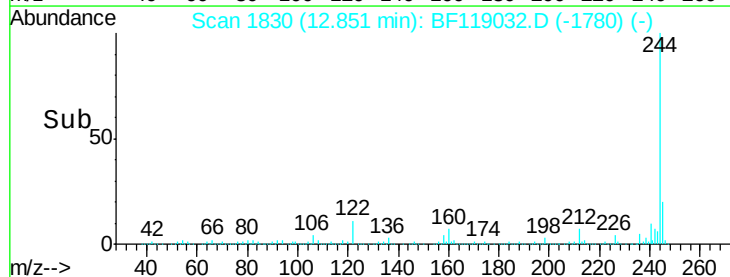
122 10.7 8.4 12.6

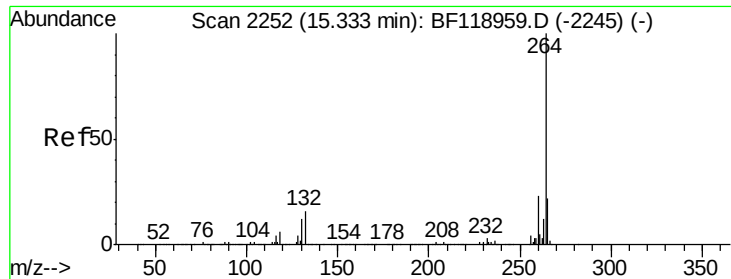


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	20.8	17.3	25.9

