

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119396.D
 Acq On : 12 Mar 2020 22:57
 Operator : CG/JU
 Sample : L1852-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:48:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

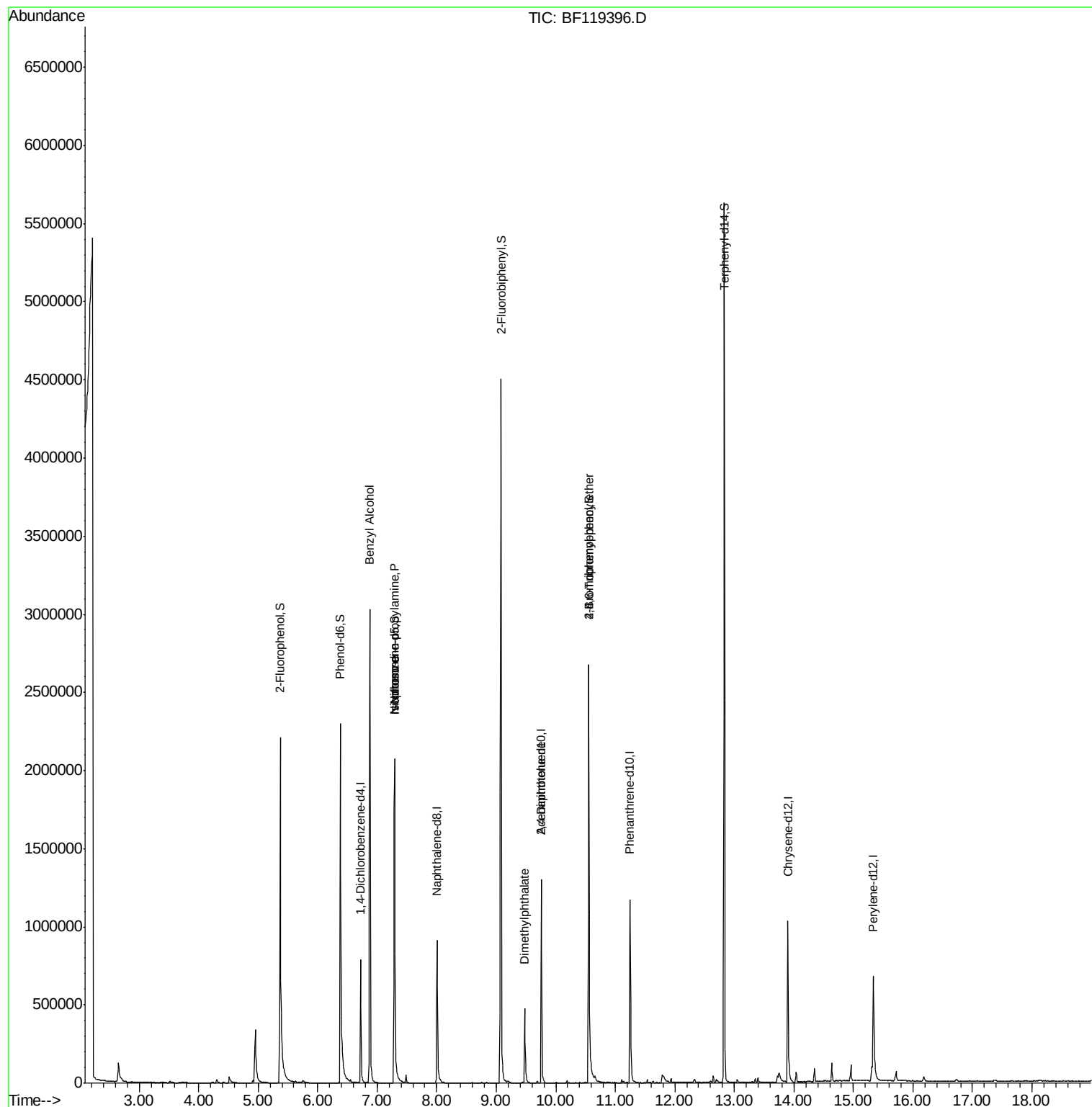
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129123	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	509886	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	288669	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	558161	20.00	ng	0.00
76) Chrysene-d12	13.90	240	440263	20.00	ng	0.01
87) Perylene-d12	15.33	264	429504	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	934836	120.99	ng	0.02
7) Phenol-d6	6.38	99	1061062	112.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	838154	86.79	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	465058	123.15	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1609911	82.16	ng	0.00
79) Terphenyl-d14	12.83	244	2109442	82.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	14407	2.121	ng	# 52
19) n-Nitroso-di-n-propylamine	7.29	70	117426	21.446	ng	# 73
25) Isophorone	7.29	82	838154	49.976	ng	# 63
50) Dimethylphthalate	9.48	163	237513	10.760	ng	99
57) 2,4-Dinitrotoluene	9.76	165	37251	5.860	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	31003	4.249	ng	# 1

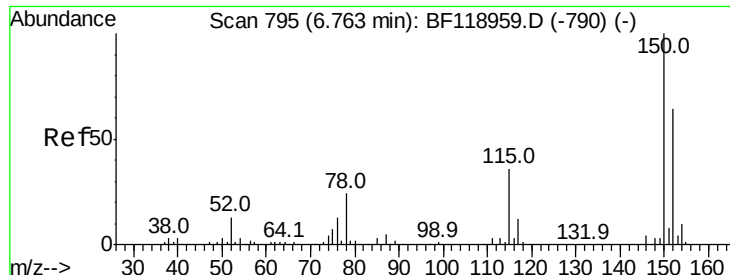
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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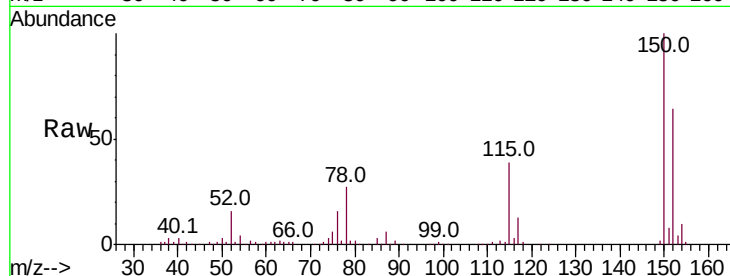


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.6
115	61.0	49.5	74.3

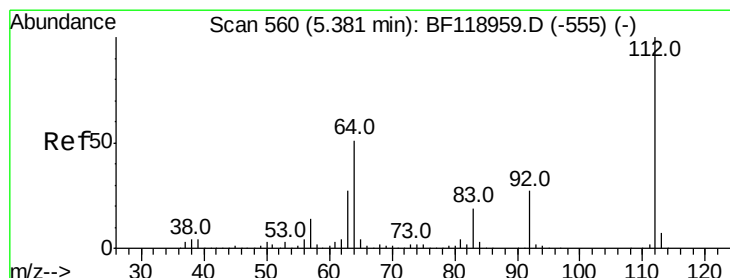
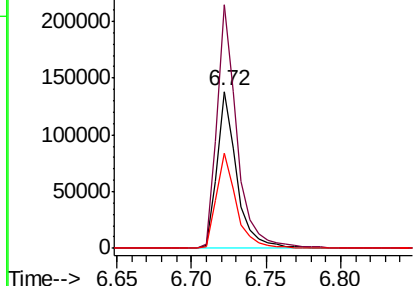
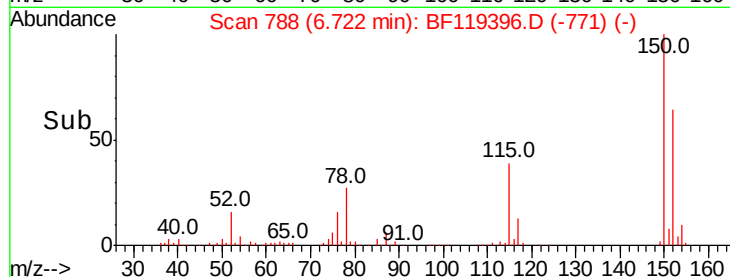


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

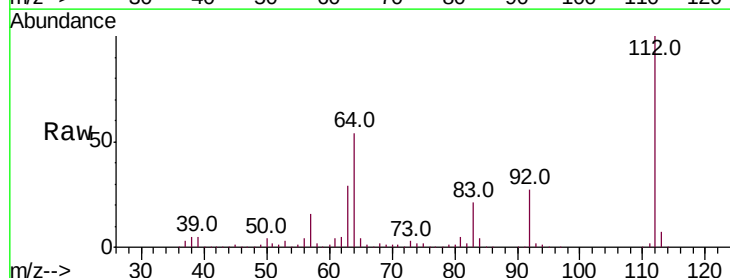
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.991 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	45.0	67.4
63	29.4	24.2	36.4

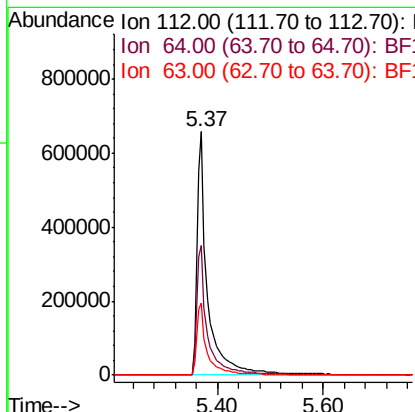
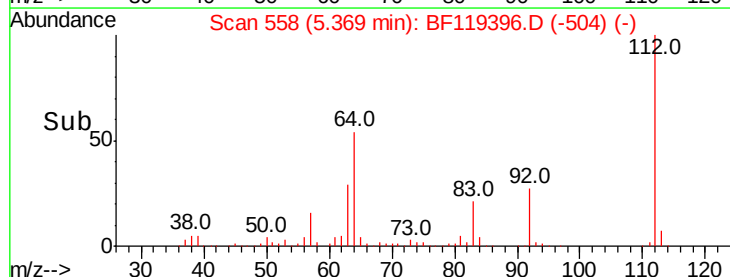


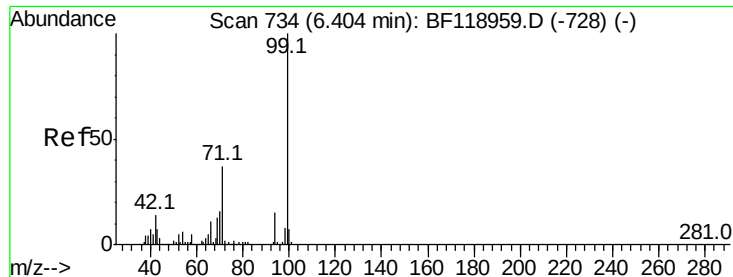
Abundance

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: 112.917 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

Instrument :

BNA_F

ClientSampled :

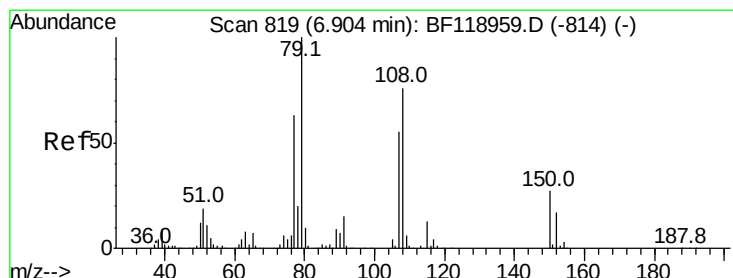
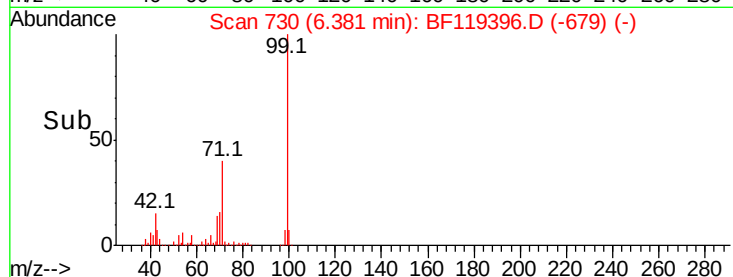
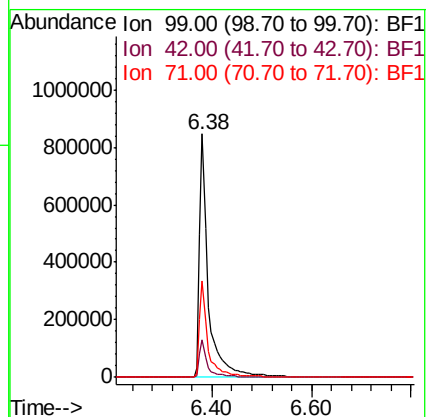
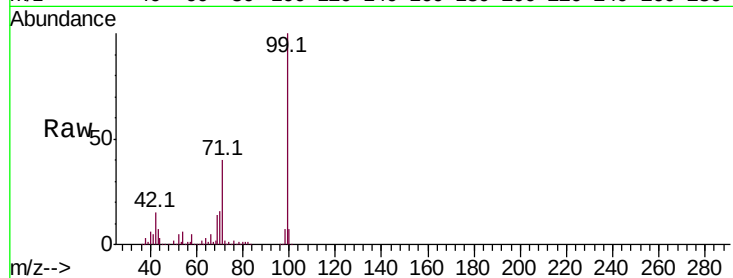
Tot Ion: 99 Resp: 1061062

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 39.8 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.121 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

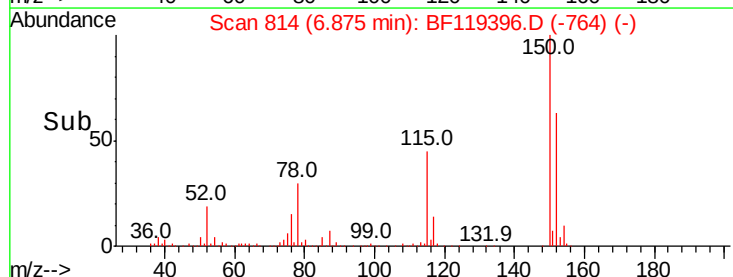
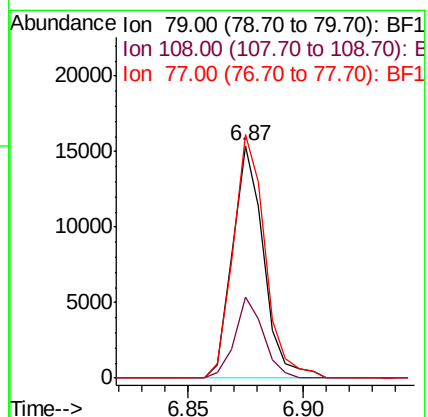
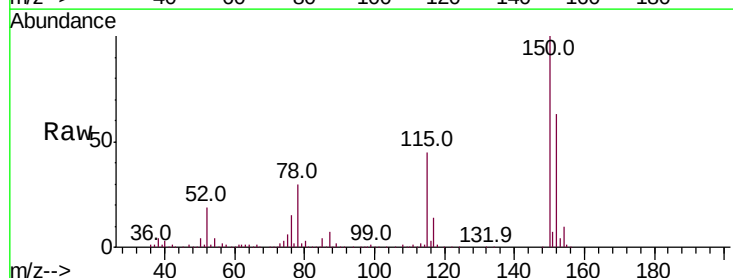
Tgt Ion: 79 Resp: 14407

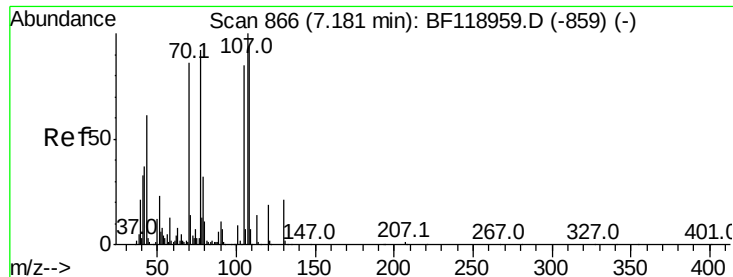
Ion Ratio Lower Upper

79 100

108 35.1 58.2 87.2#

77 104.6 51.2 76.8#

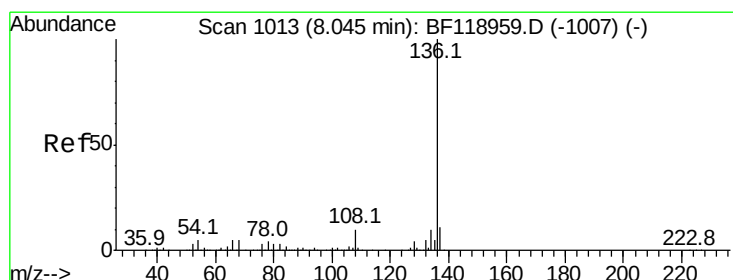
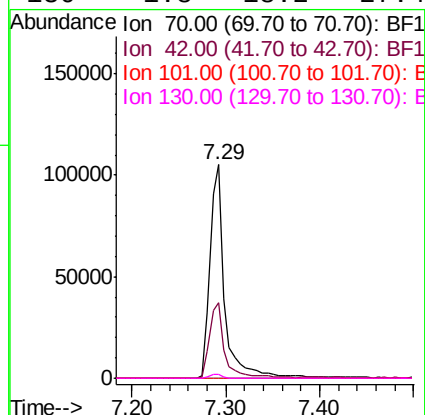
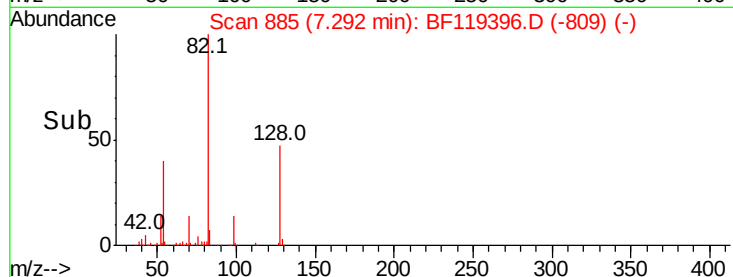
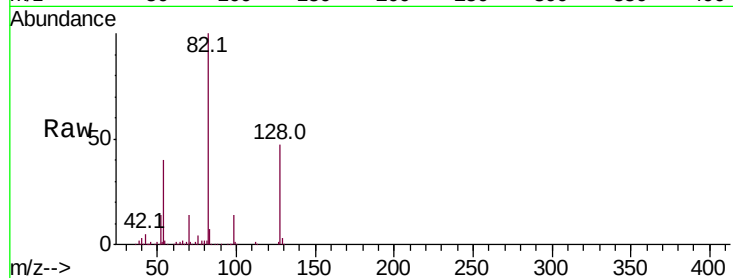




#19
n-Nitroso-di-n-propylamine
Concen: 21.446 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

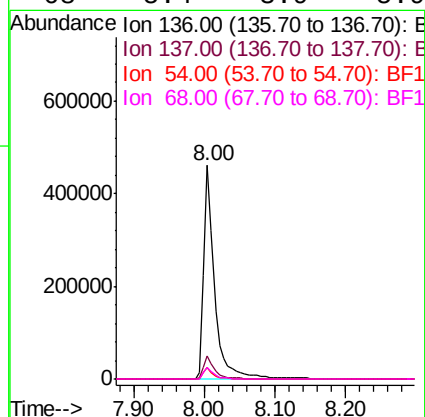
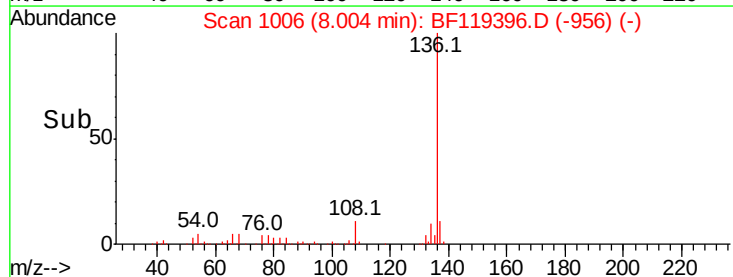
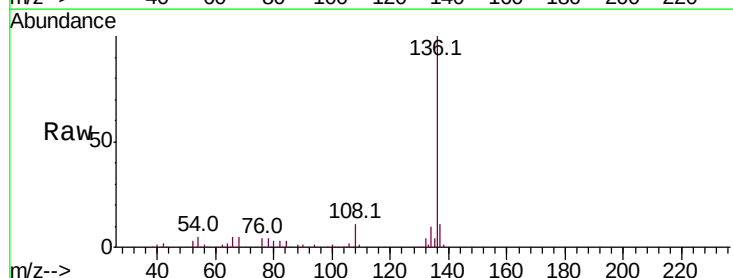
Instrument :
BNA_F
ClientSampleId :

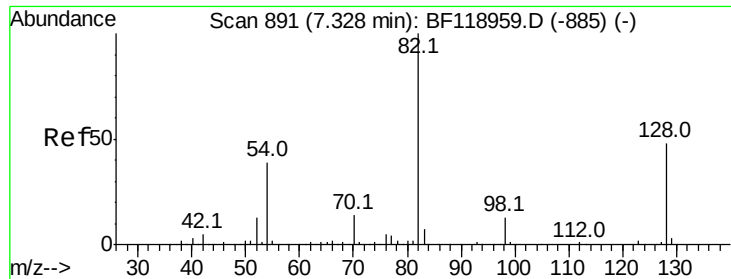
Tot Ion: 70 Resp: 117426
Ion Ratio Lower Upper
70 100
42 35.2 38.0 57.0#
101 0.0 8.2 12.4#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Tgt Ion: 136 Resp: 509886
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 5.2 3.8 5.6
68 5.4 3.9 5.9

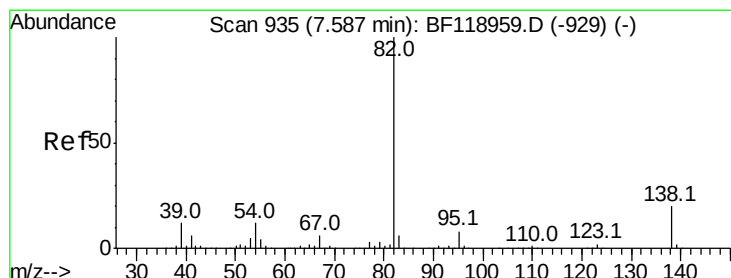
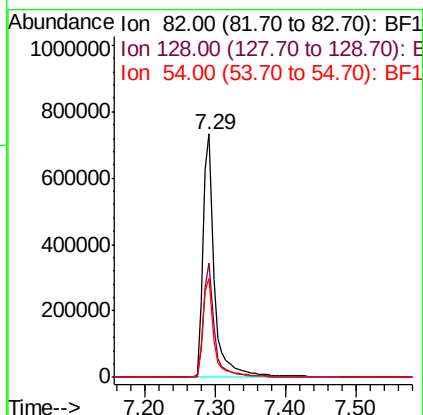
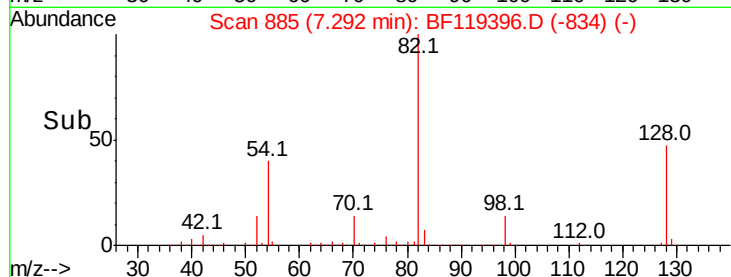
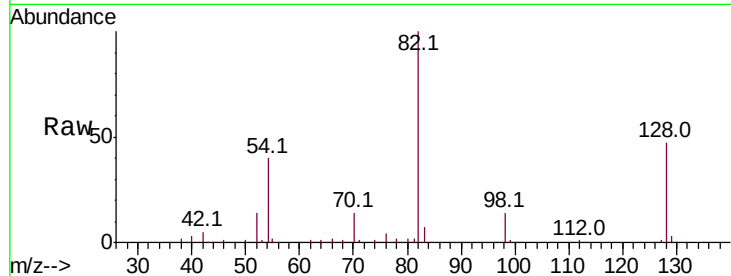




#23
Nitrobenzene-d5
Concen: 86.793 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

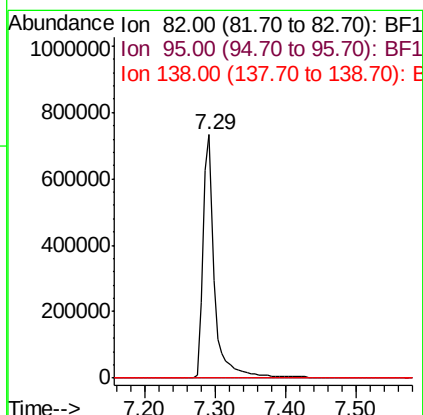
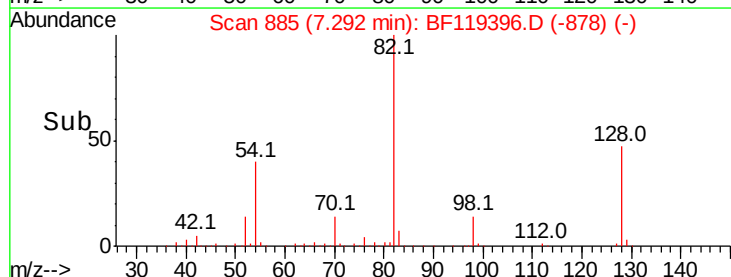
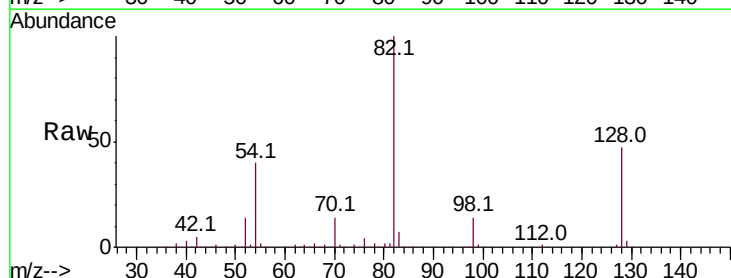
Instrument :
BNA_F
ClientSampled :

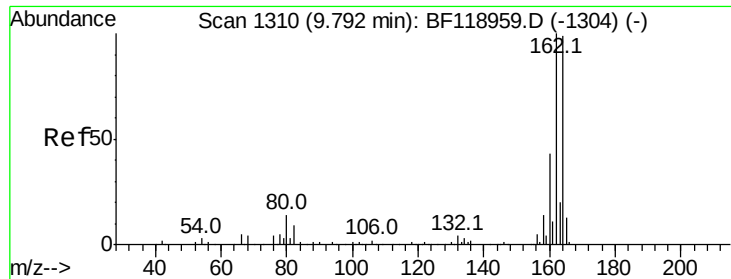
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.9	56.9
54	40.5	33.4	50.2



#25
Isophorone
Concen: 49.976 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

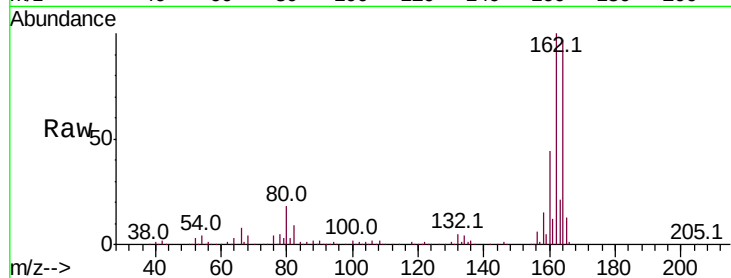




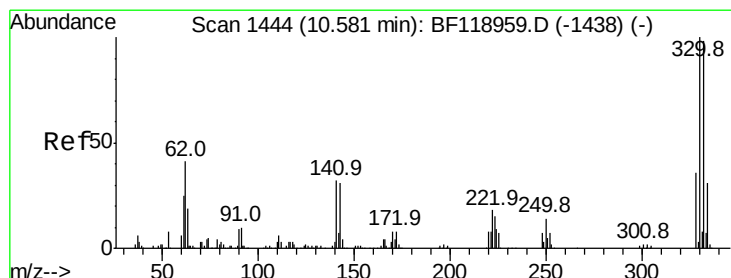
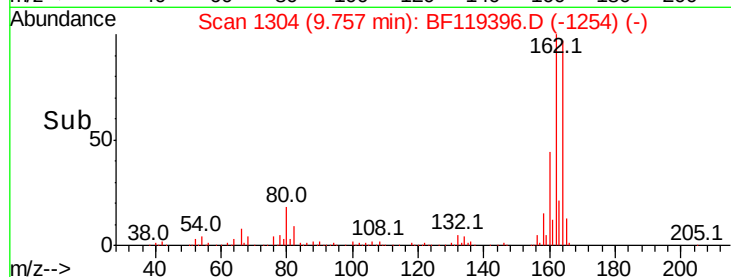
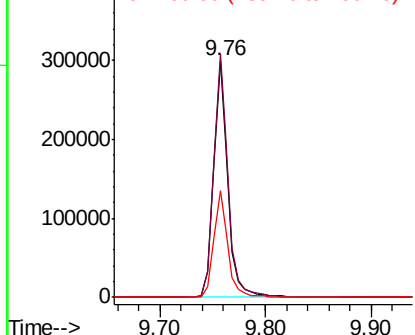
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119396.D
 Acq: 12 Mar 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 288669
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.8
 160 45.1 36.0 54.0

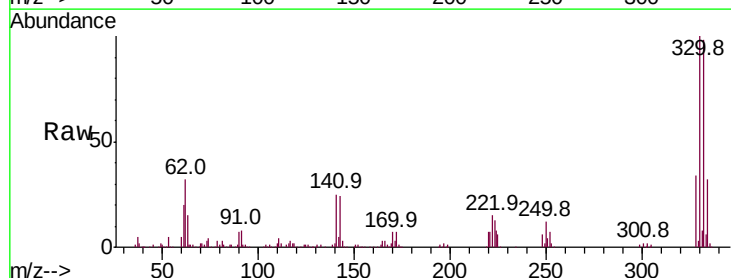


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

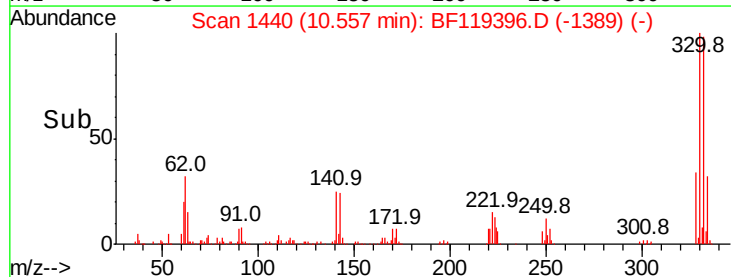
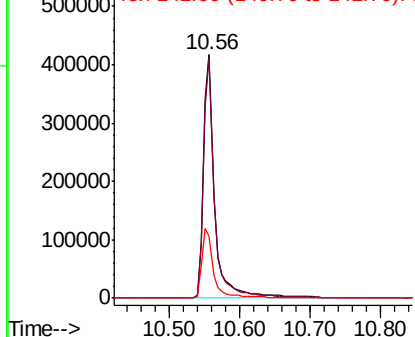


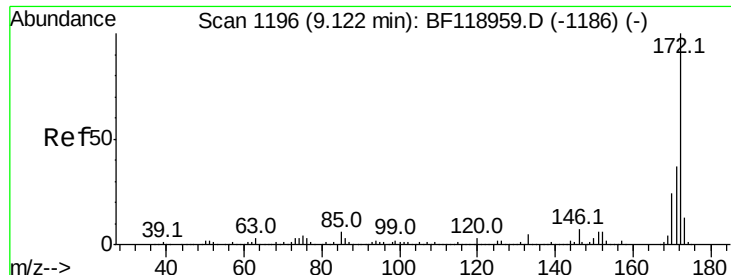
#42
 2,4,6-Tribromophenol
 Concen: 123.153 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119396.D
 Acq: 12 Mar 2020 22:57

Tgt Ion:330 Resp: 465058
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.0 114.0
 141 31.1 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

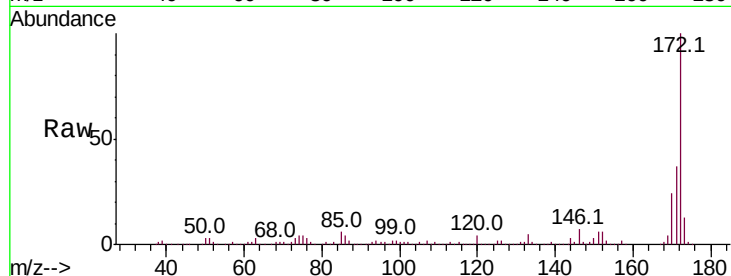




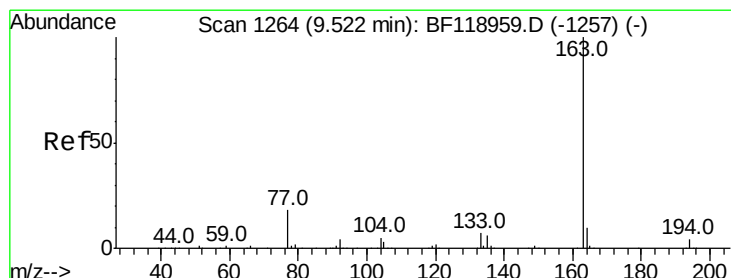
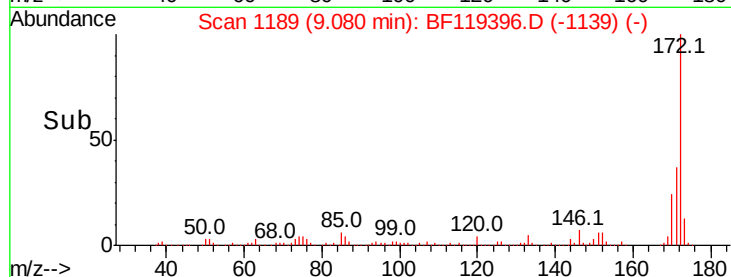
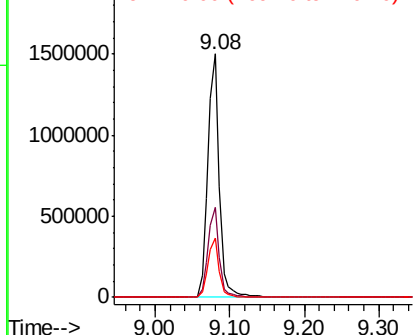
#45
 2-Fluorobiphenyl
 Concen: 82.159 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119396.D
 Acq: 12 Mar 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1609911
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.4 20.2 30.2

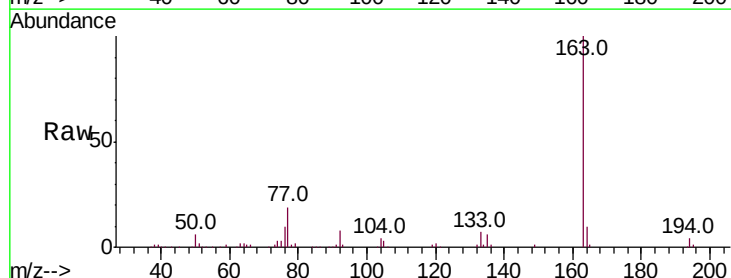


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

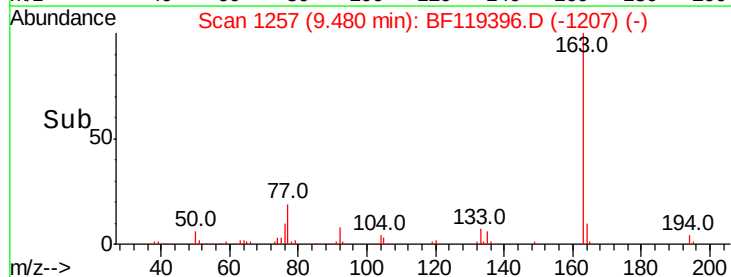
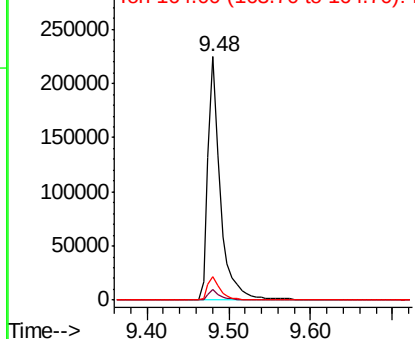


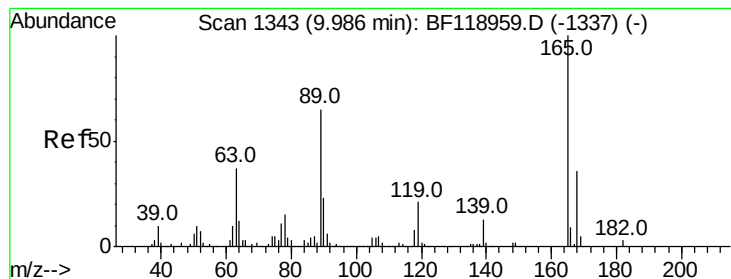
#50
 Dimethylphthalate
 Concen: 10.760 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF119396.D
 Acq: 12 Mar 2020 22:57

Tgt Ion:163 Resp: 237513
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 9.8 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





#57

2,4-Dinitrotoluene

Concen: 5.860 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 37251

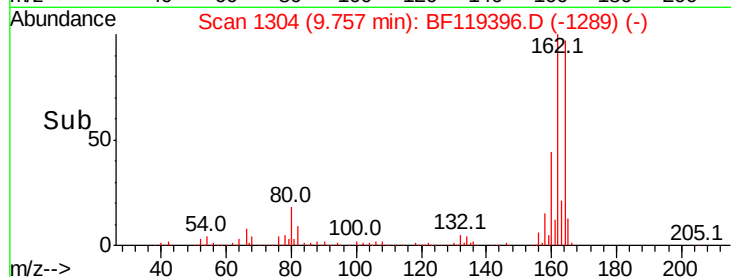
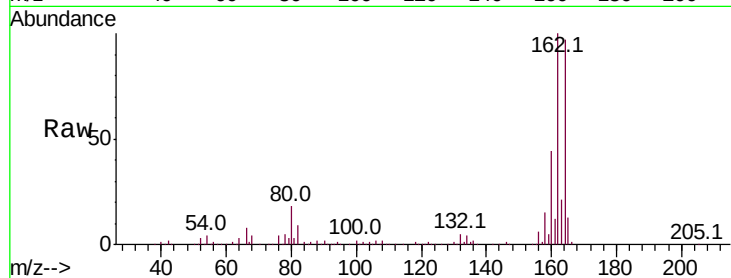
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#

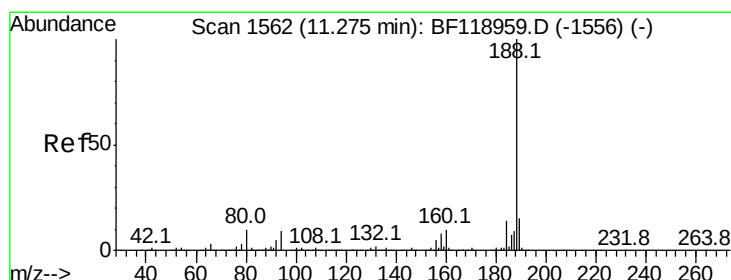
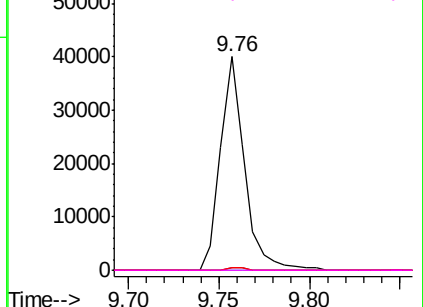


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

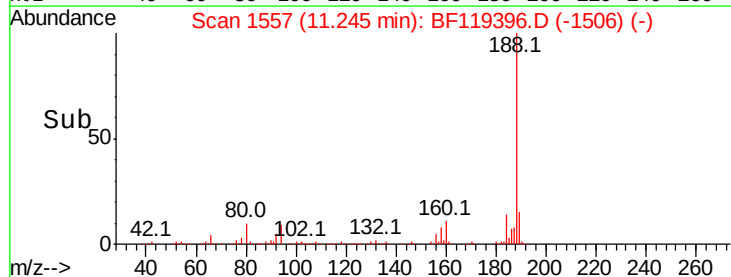
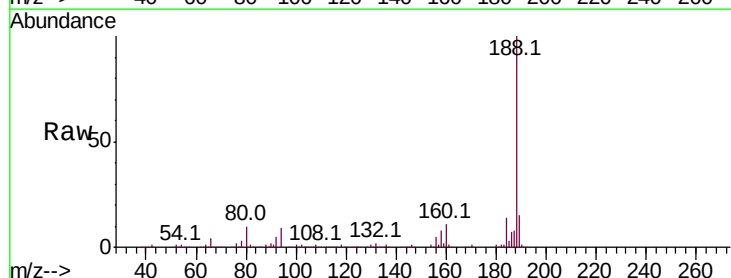
Tgt Ion:188 Resp: 558161

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

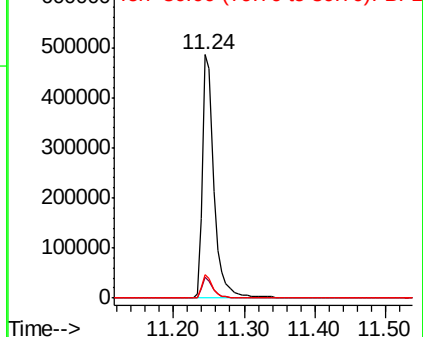
80 9.6 7.8 11.8

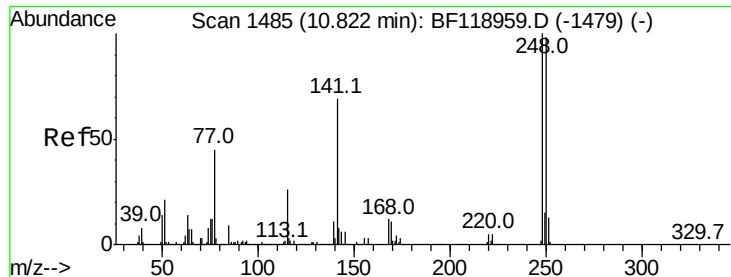


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

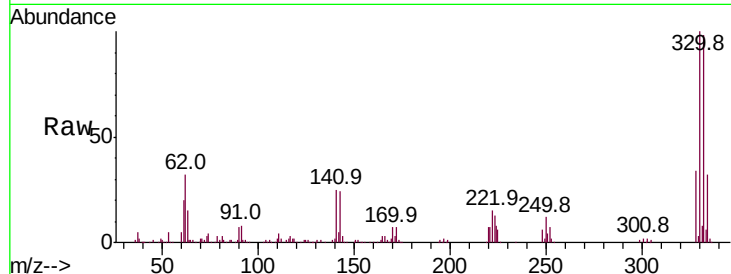




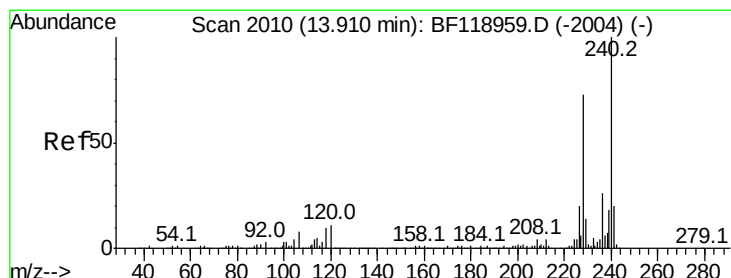
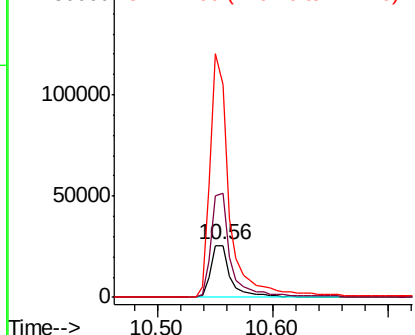
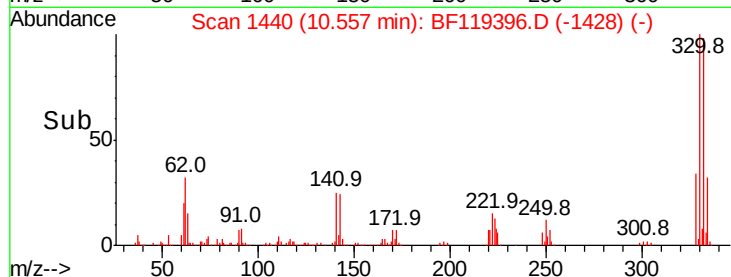
#67
4-Bromophenyl-phenylether
Concen: 4.249 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31003
Ion Ratio Lower Upper
248 100
250 199.7 76.7 115.1#
141 411.1 60.7 91.1#

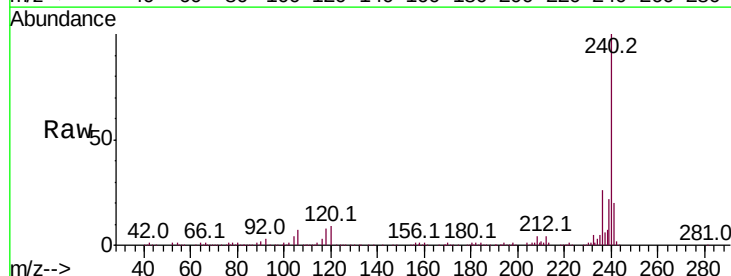


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

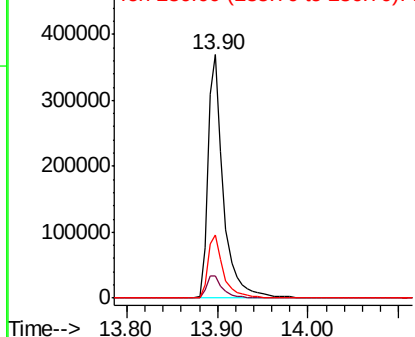
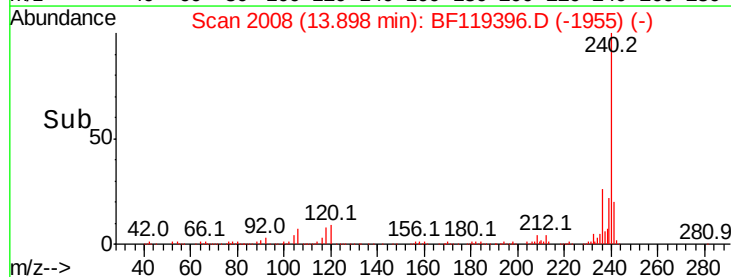


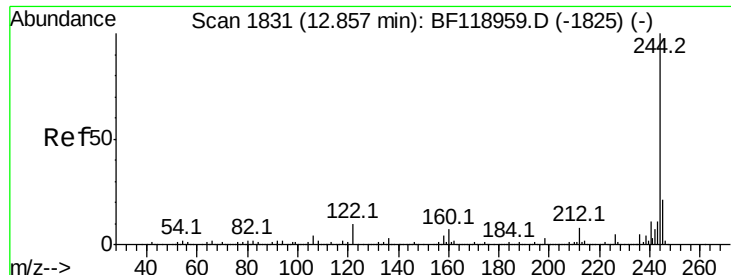
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119396.D
Acq: 12 Mar 2020 22:57

Tgt Ion:240 Resp: 440263
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.9 21.0 31.4



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: 82.491 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

Instrument :

BNA_F

ClientSampleId :

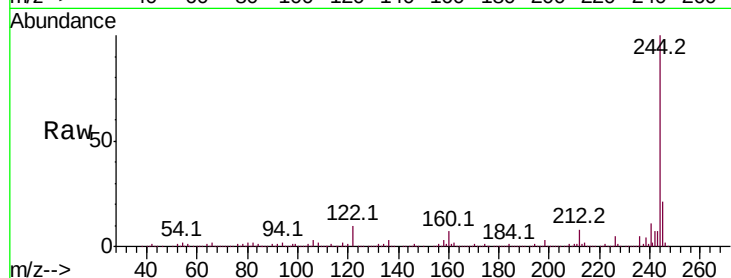
Tot Ion:244 Resp: 2109442

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

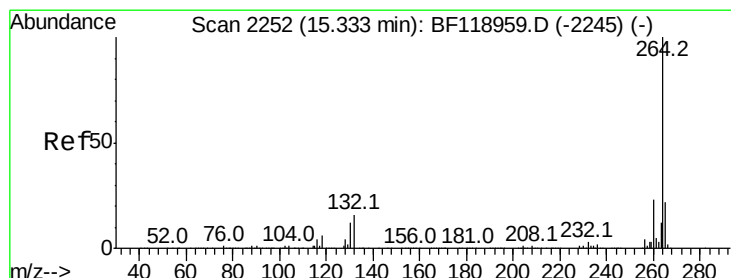
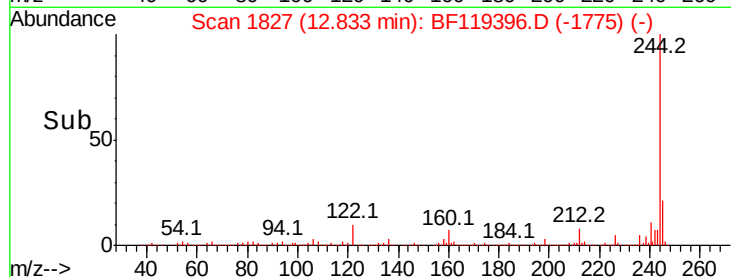
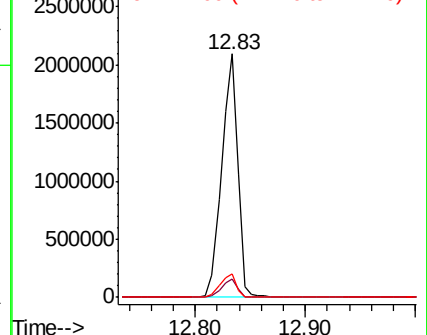
122 9.7 8.2 12.2



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: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119396.D

Acq: 12 Mar 2020 22:57

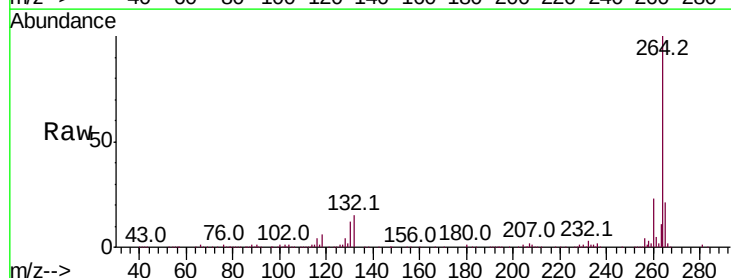
Tgt Ion:264 Resp: 429504

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 17.7 26.5



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

