

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119285.D
 Acq On : 9 Mar 2020 13:59
 Operator : CG/JU
 Sample : PB127331TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:09:11 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

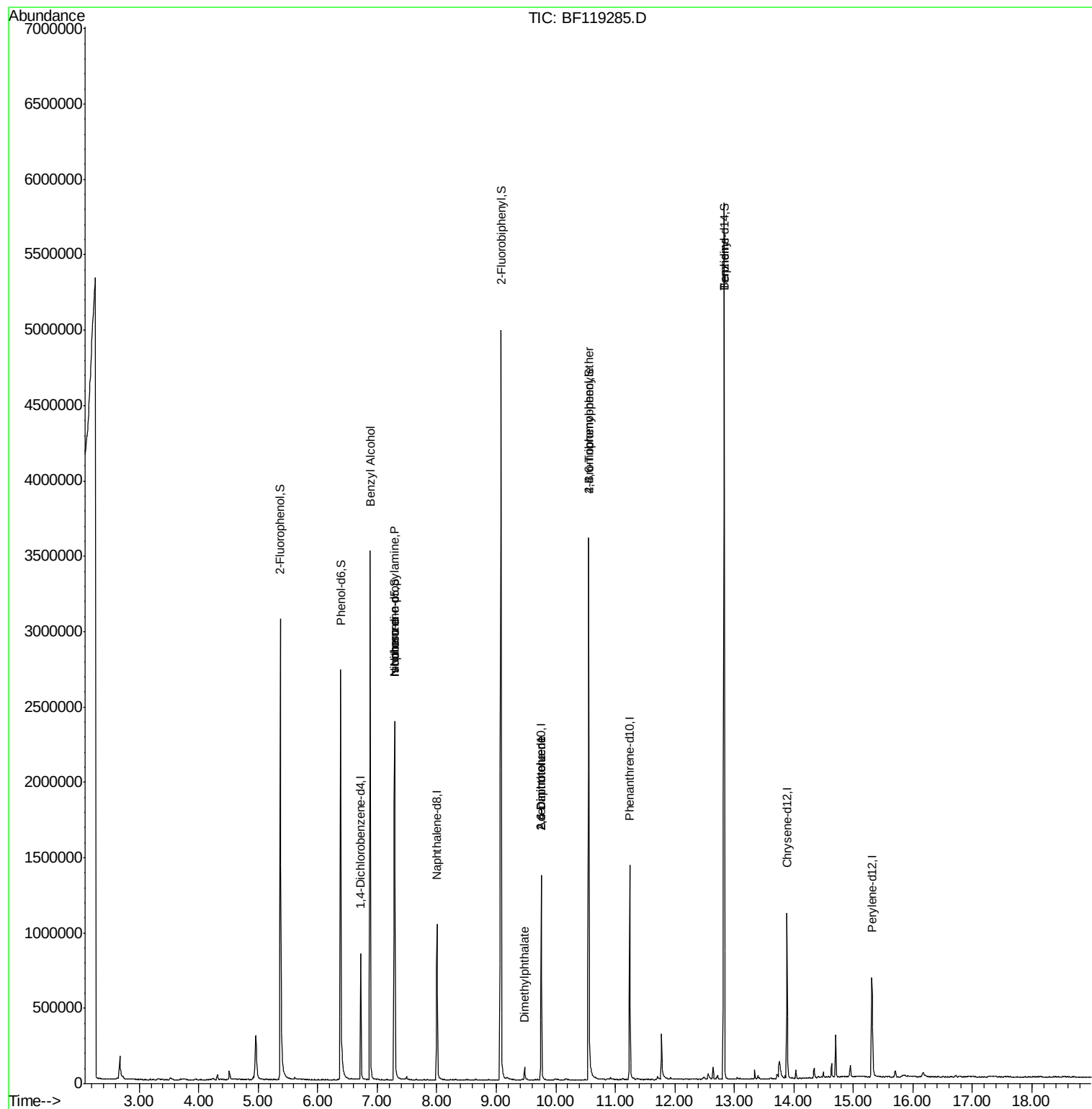
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134961	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	535532	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	314185	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	603336	20.00	ng	0.00
76) Chrysene-d12	13.89	240	419690	20.00	ng	0.00
87) Perylene-d12	15.31	264	343867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1026590	127.12	ng	0.02
7) Phenol-d6	6.39	99	1168615	118.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	938963	92.58	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	591662	143.95	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1893811	88.80	ng	0.00
79) Terphenyl-d14	12.83	244	2487183	102.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	15991	2.253	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	132242	23.107	ng	# 76
25) Isophorone	7.29	82	938955	53.305	ng	# 63
50) Dimethylphthalate	9.47	163	48401	2.015	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	40256	7.542	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	40256	5.818	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	38311	4.858	ng	# 1
77) Benzidine	12.83	184	34193	2.003	ng	# 94

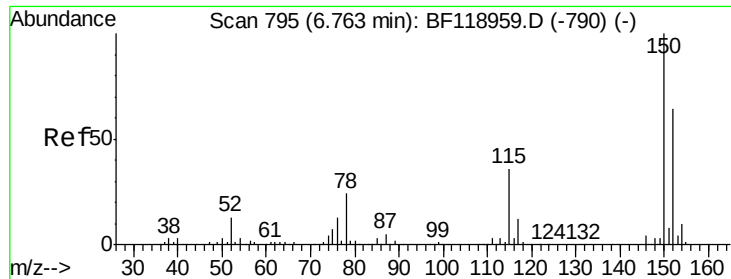
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119285.D
Acq On : 9 Mar 2020 13:59
Operator : CG/JU
Sample : PB127331TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 18:09:11 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



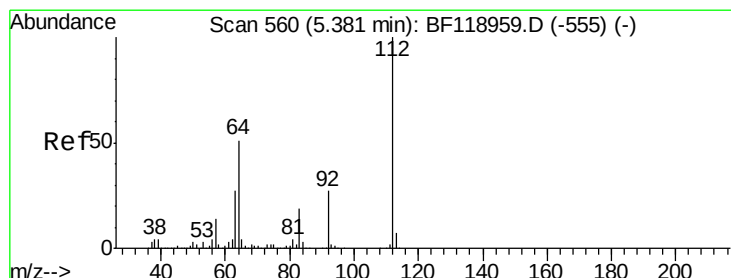
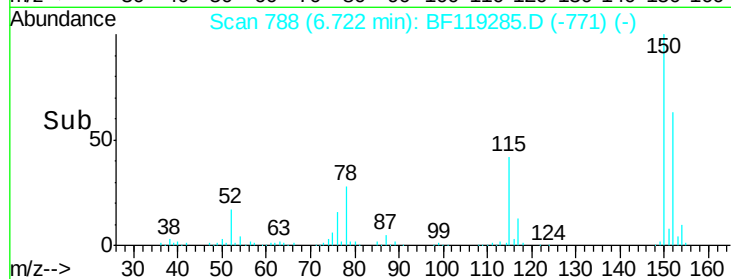
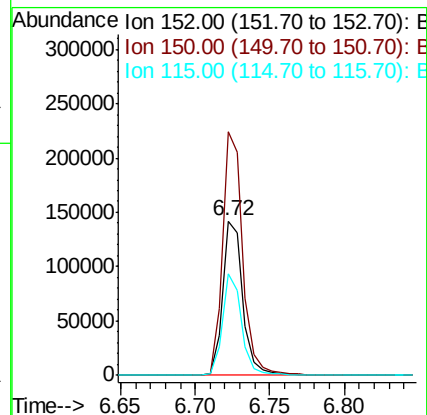
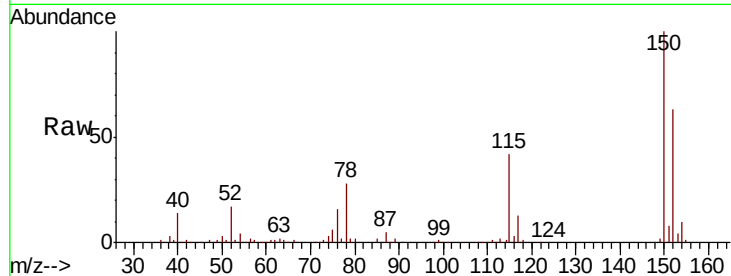


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119285.D
Acq: 9 Mar 2020 13:59

Instrument :
BNA_F
ClientSampled :

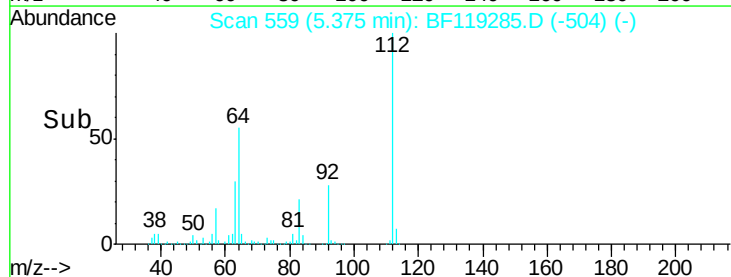
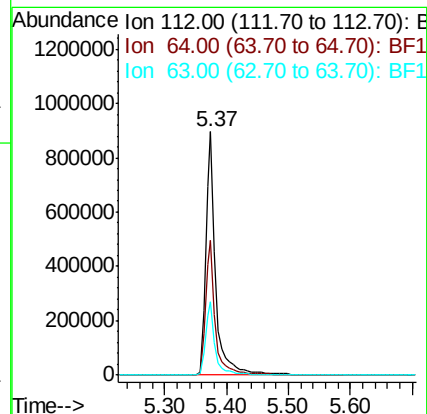
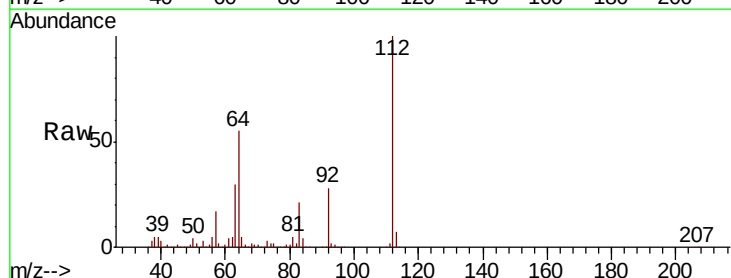
Tot Ion:152 Resp: 134961
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.6
115 65.5 49.5 74.3

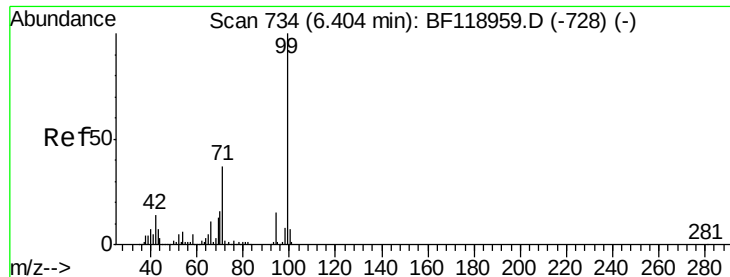


#5

2-Fluorophenol
Concen: 127.119 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119285.D
Acq: 9 Mar 2020 13:59

Tgt Ion:112 Resp: 1026590
Ion Ratio Lower Upper
112 100
64 55.1 45.0 67.4
63 30.1 24.2 36.4





#7

Phenol-d6

Concen: 118.983 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampled :

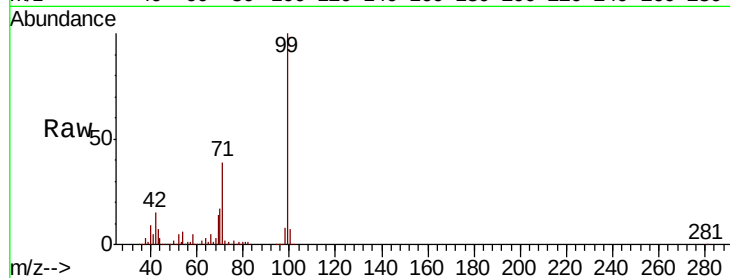
Tot Ion: 99 Resp: 1168615

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

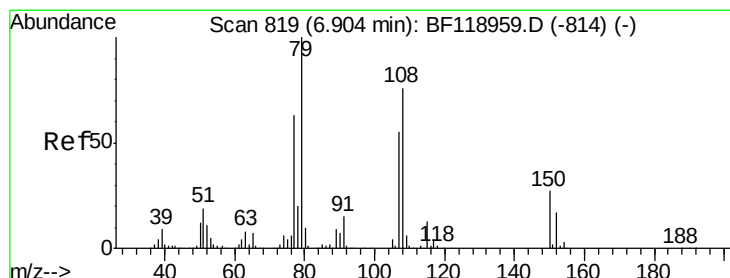
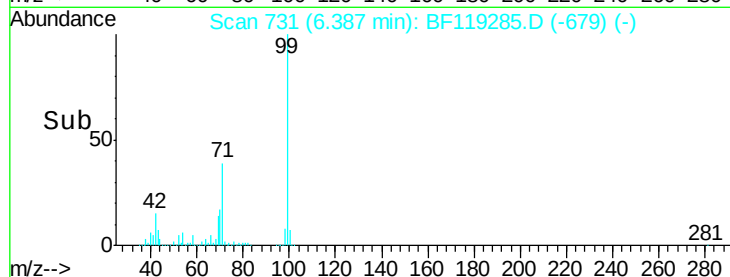
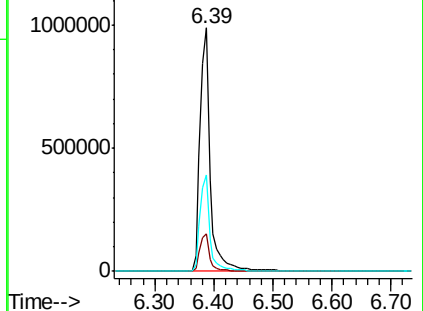
71 39.4 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.253 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

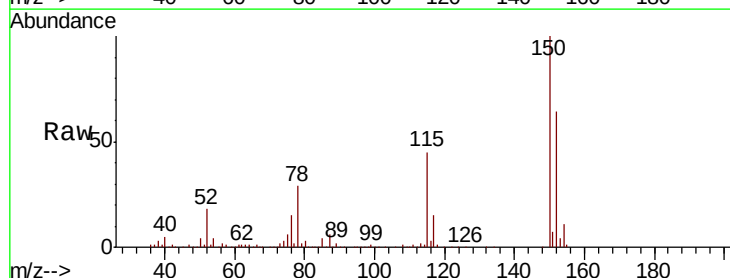
Tgt Ion: 79 Resp: 15991

Ion Ratio Lower Upper

79 100

108 30.6 58.2 87.2#

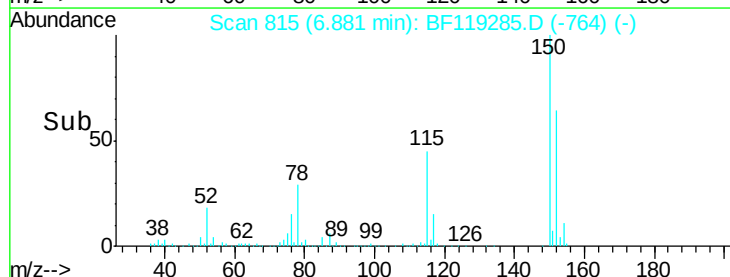
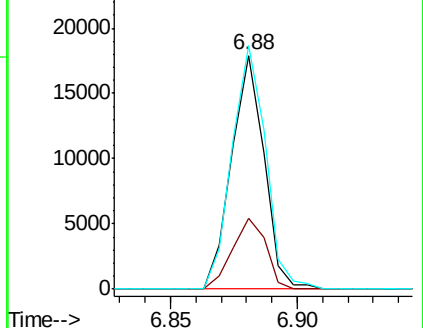
77 104.2 51.2 76.8#

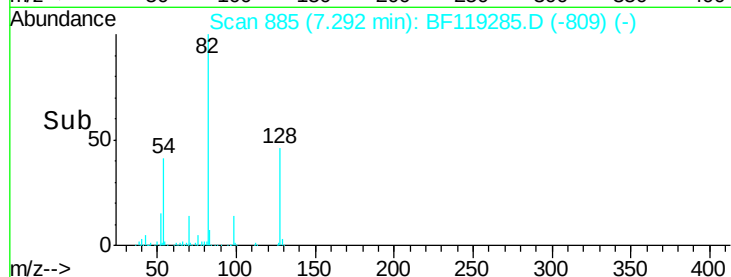
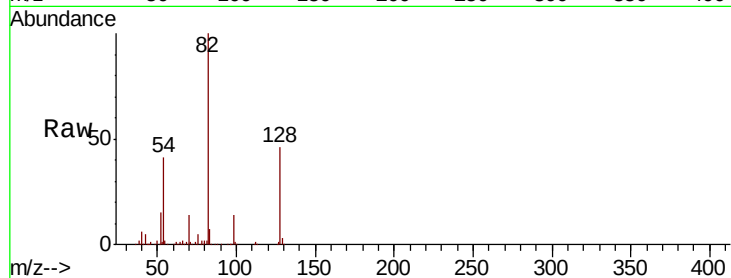
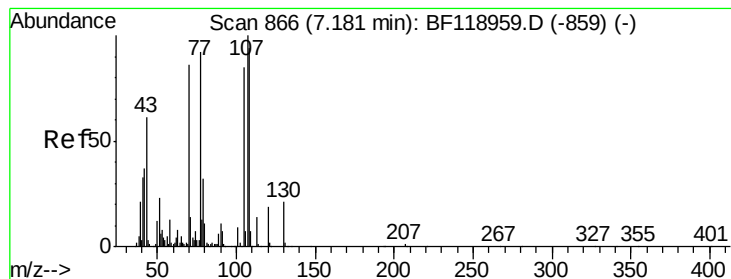


Abundance Ion 79.00 (78.70 to 79.70): BF1

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: 23.107 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132242

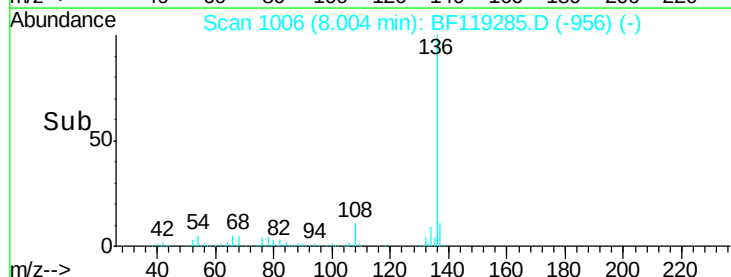
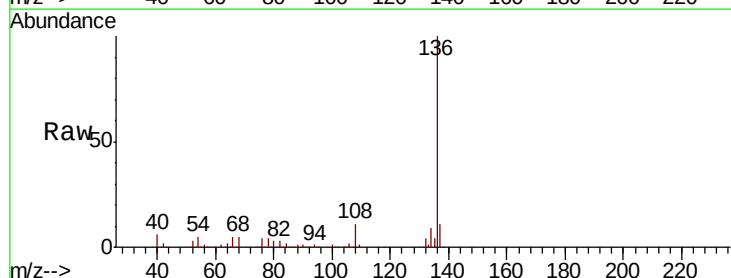
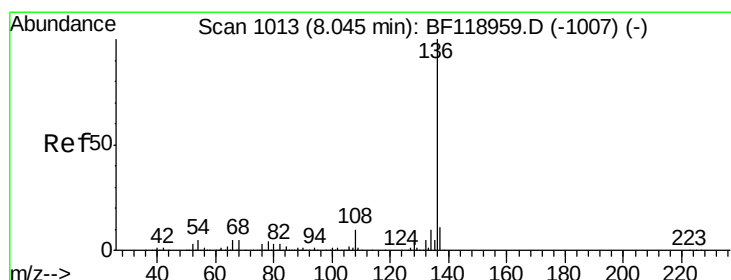
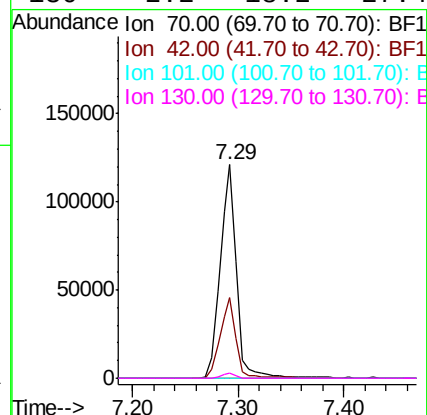
Ion Ratio Lower Upper

70 100

42 37.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 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: BF119285.D

Acq: 9 Mar 2020 13:59

Tgt Ion: 136 Resp: 535532

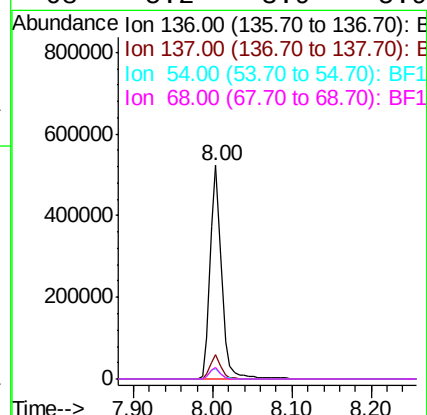
Ion Ratio Lower Upper

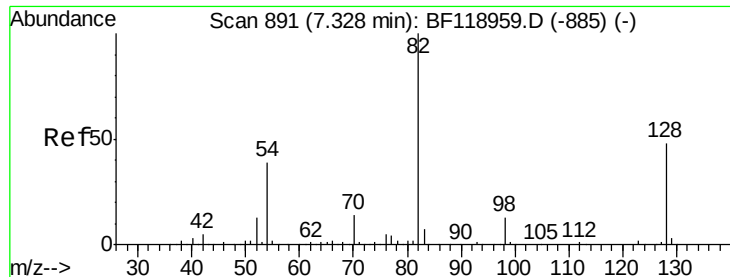
136 100

137 11.1 8.8 13.2

54 5.1 3.8 5.6

68 5.2 3.9 5.9

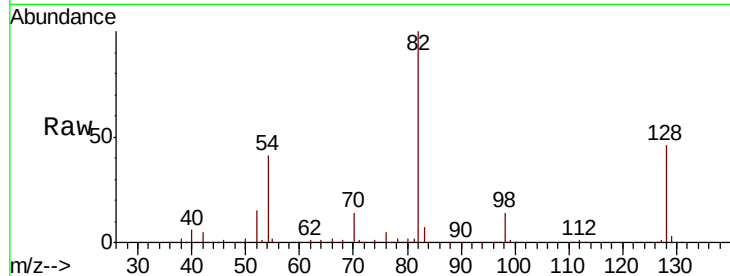




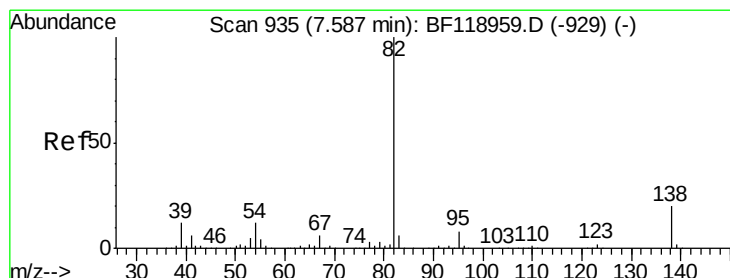
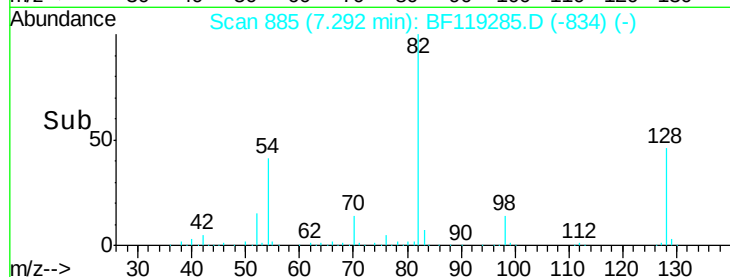
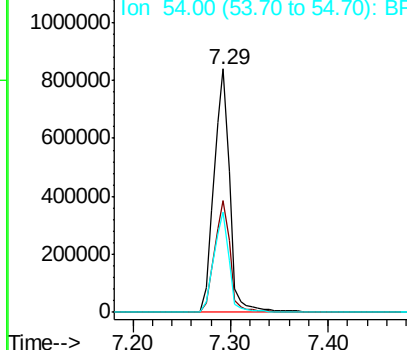
#23
Nitrobenzene-d5
Concen: 92.576 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119285.D
Acq: 9 Mar 2020 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 938963
Ion Ratio Lower Upper
82 100
128 46.1 37.9 56.9
54 41.3 33.4 50.2

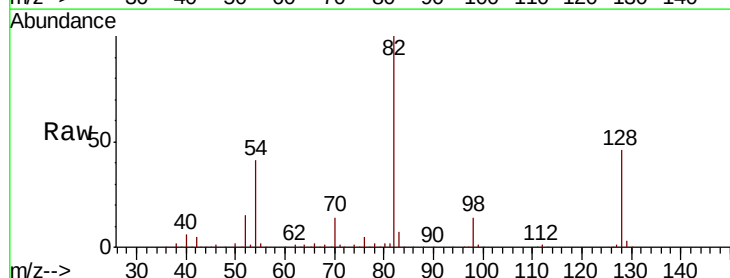


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

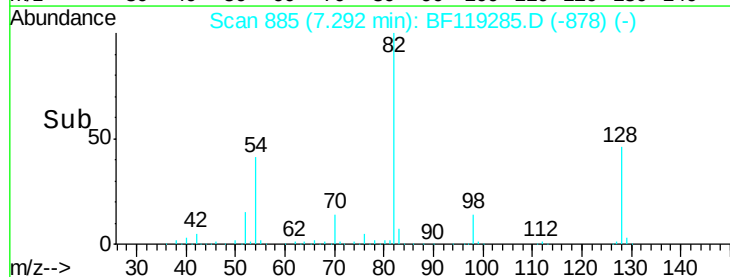
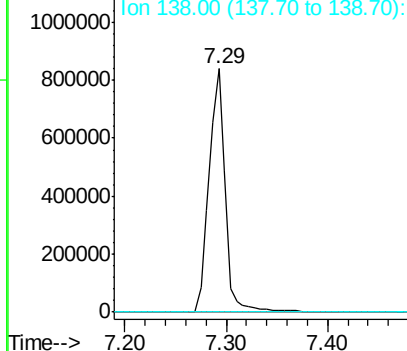


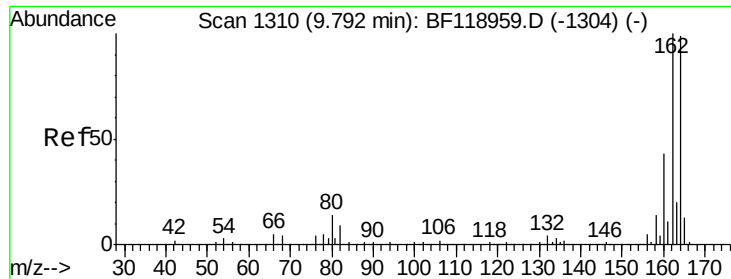
#25
Isophorone
Concen: 53.305 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119285.D
Acq: 9 Mar 2020 13:59

Tgt Ion: 82 Resp: 938955
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampleId :

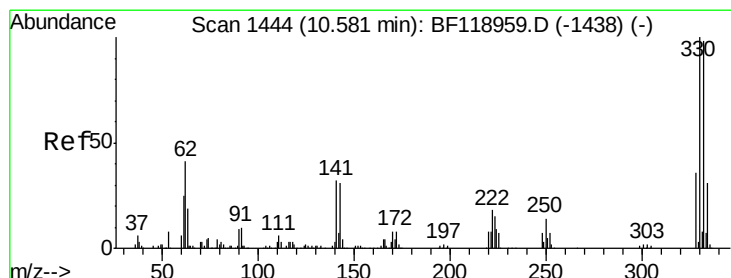
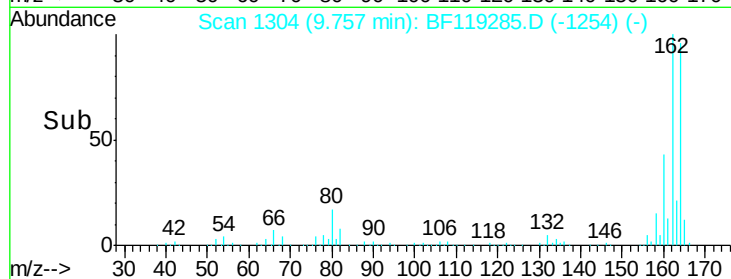
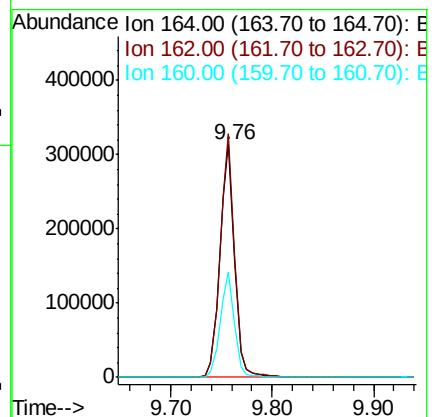
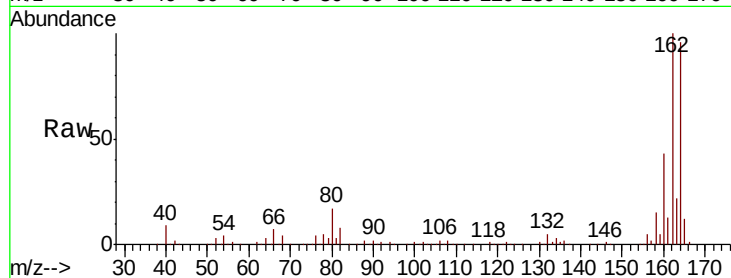
Tot Ion:164 Resp: 314185

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

160 45.3 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 143.954 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

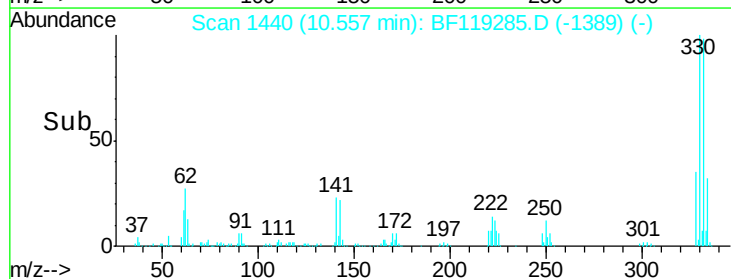
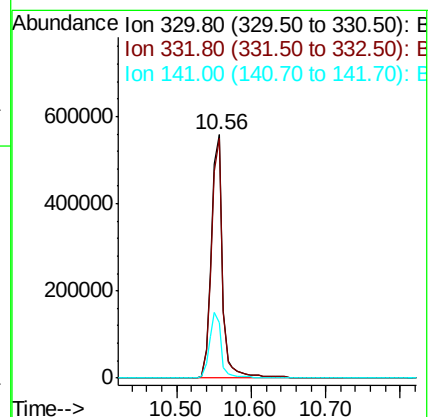
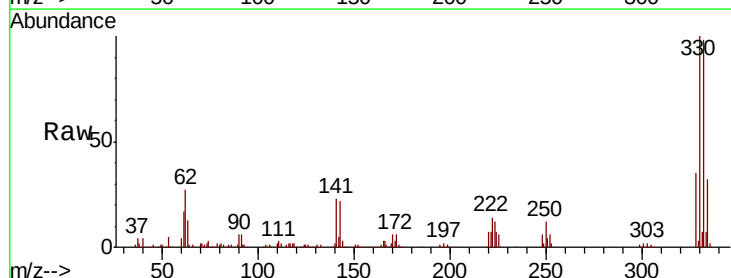
Tgt Ion:330 Resp: 591662

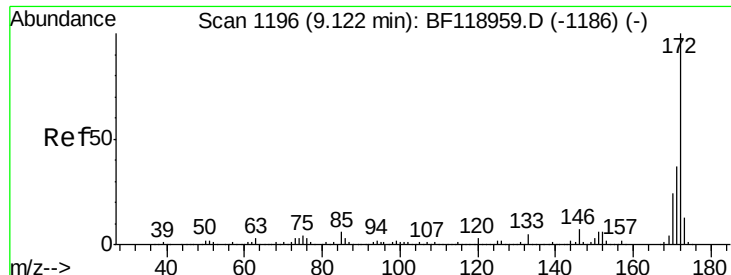
Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 28.8 22.9 34.3



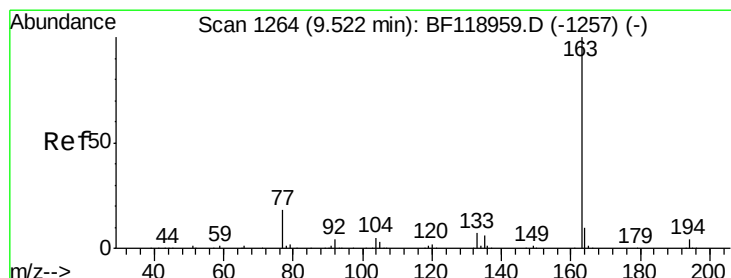
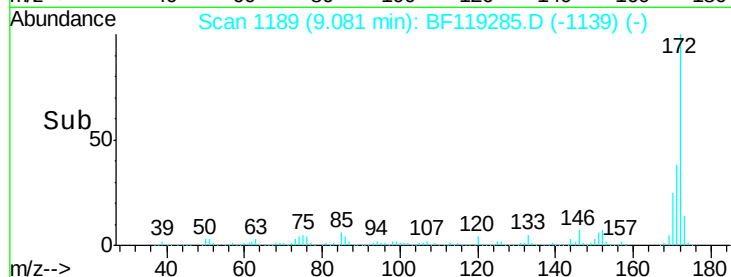
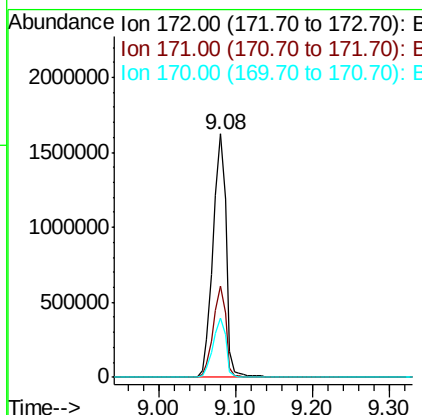
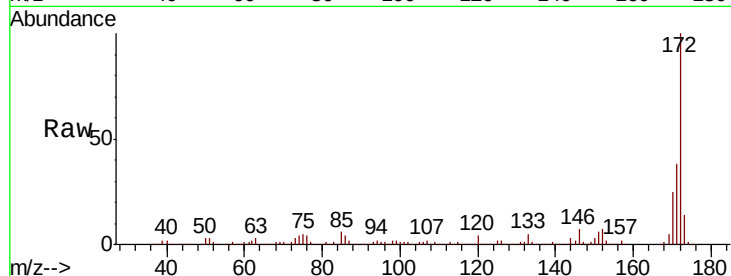


#45
 2-Fluorobiphenyl
 Concen: 88.798 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119285.D
 Acq: 9 Mar 2020 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1893811

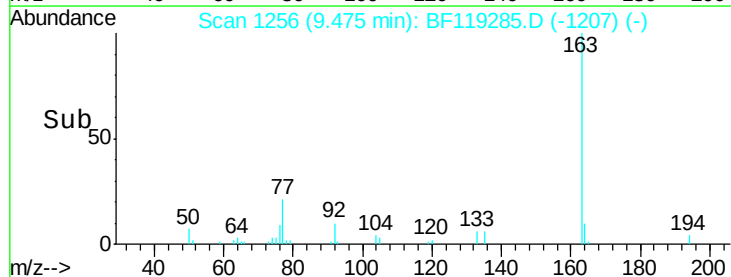
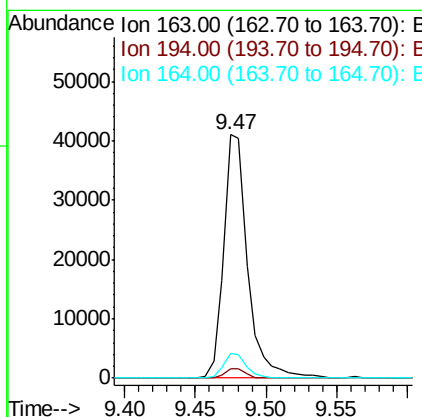
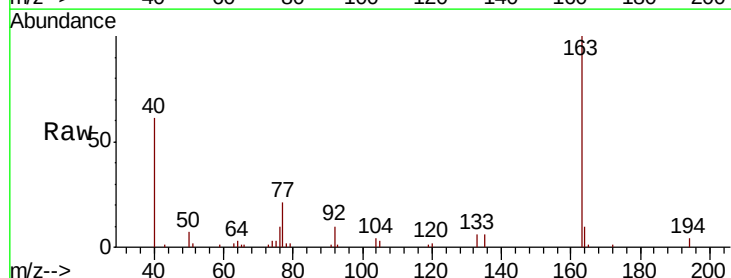
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	45.8
170	24.6	20.2	30.2

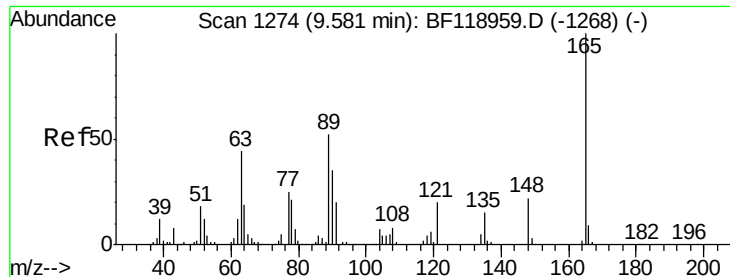


#50
 Dimethylphthalate
 Concen: 2.015 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF119285.D
 Acq: 9 Mar 2020 13:59

Tgt Ion:163 Resp: 48401

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.9	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 7.542 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampled :

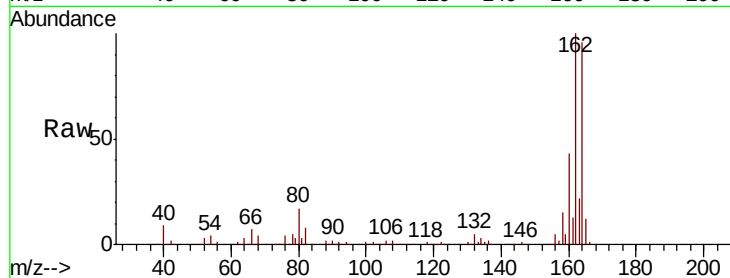
Tot Ion:165 Resp: 40256

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

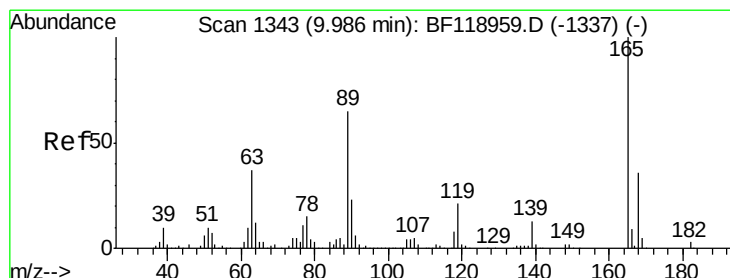
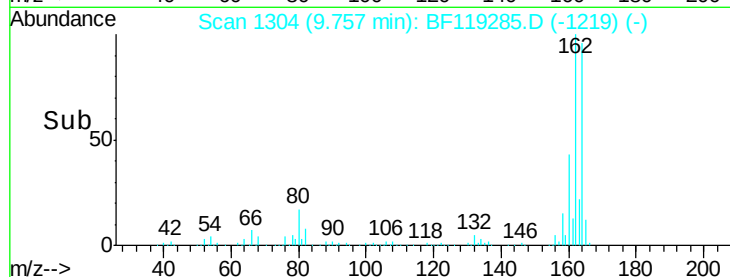
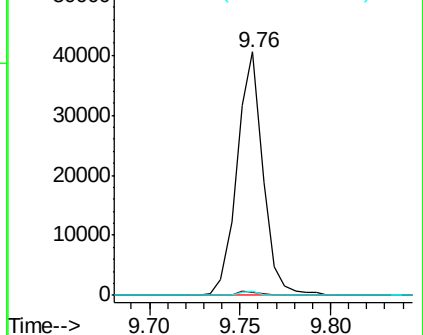
89 1.5 38.3 57.5#



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



#57

2,4-Dinitrotoluene

Concen: 5.818 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Tgt Ion:165 Resp: 40256

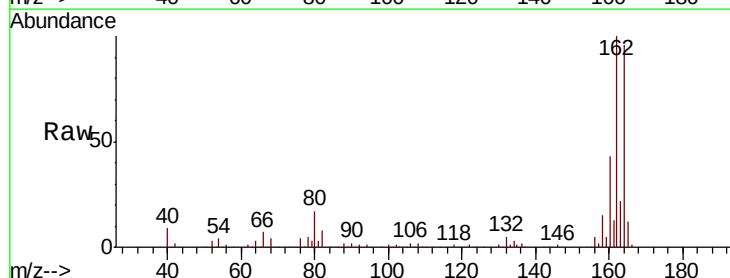
Ion Ratio Lower Upper

165 100

63 1.3 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#

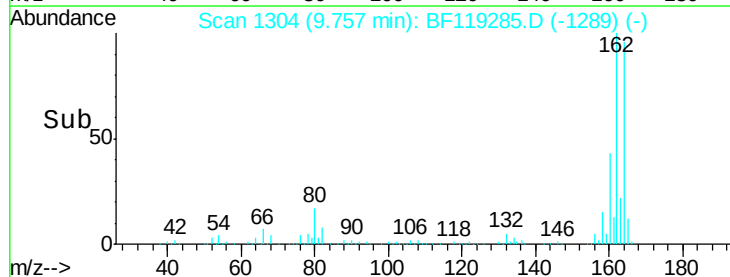
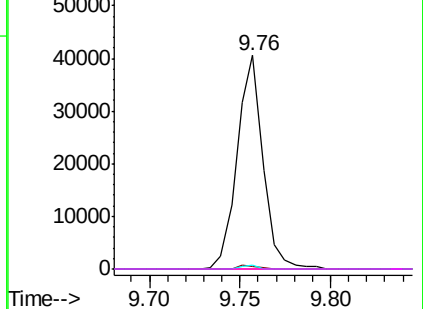


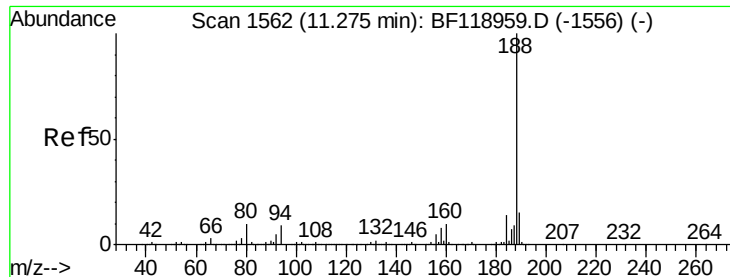
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampleId :

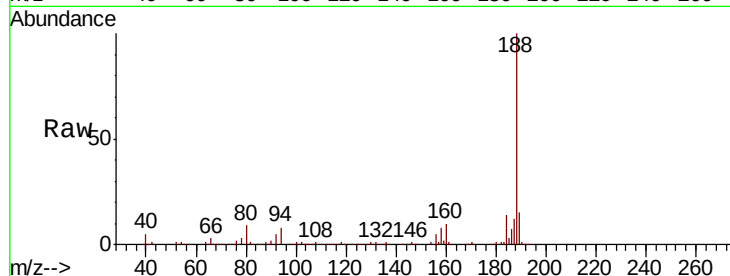
Tot Ion:188 Resp: 603336

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

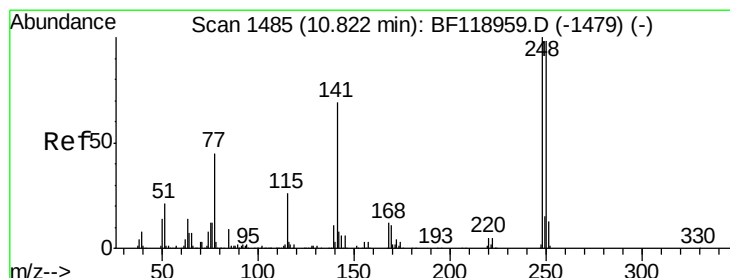
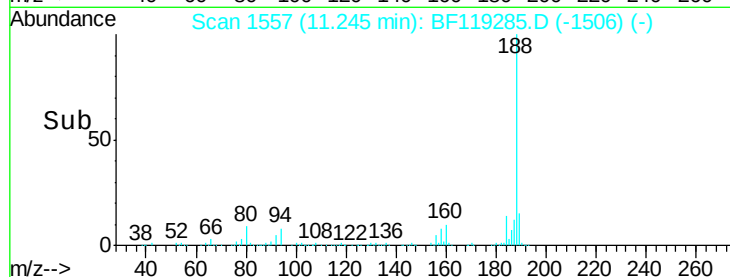
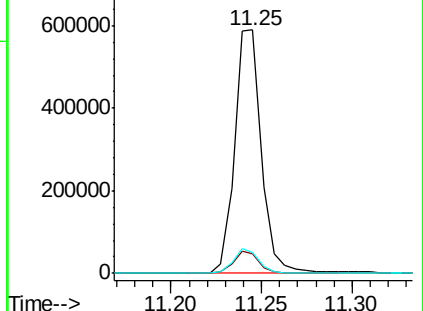
80 8.7 7.8 11.8



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: 4.858 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

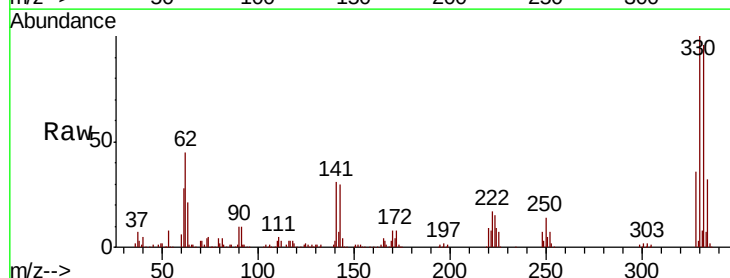
Tgt Ion:248 Resp: 38311

Ion Ratio Lower Upper

248 100

250 204.4 76.7 115.1#

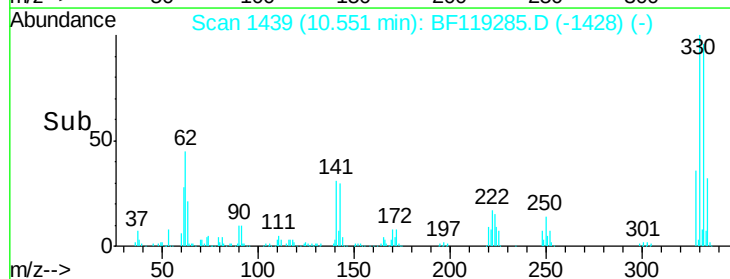
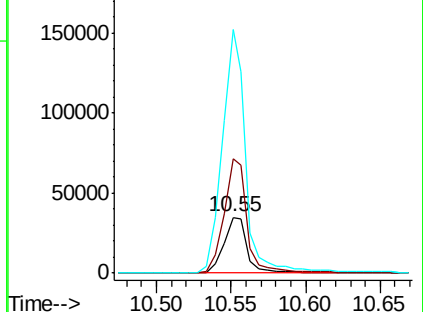
141 437.6 60.7 91.1#

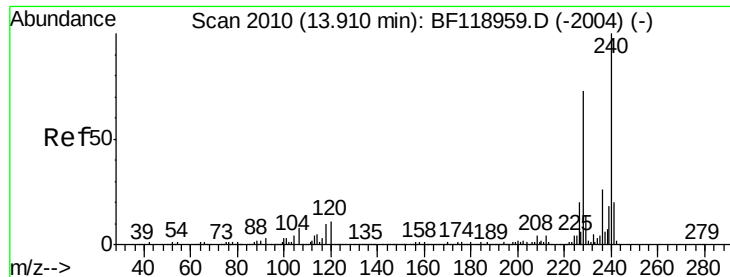


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Instrument :

BNA_F

ClientSampled :

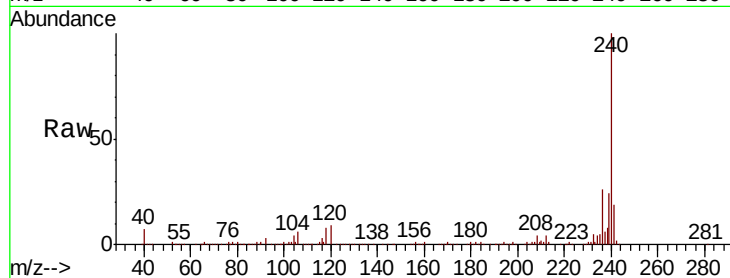
Tot Ion:240 Resp: 419690

Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

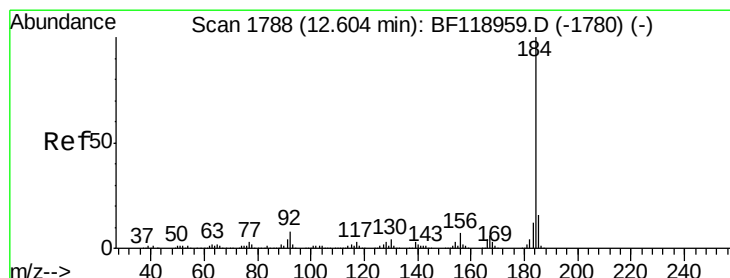
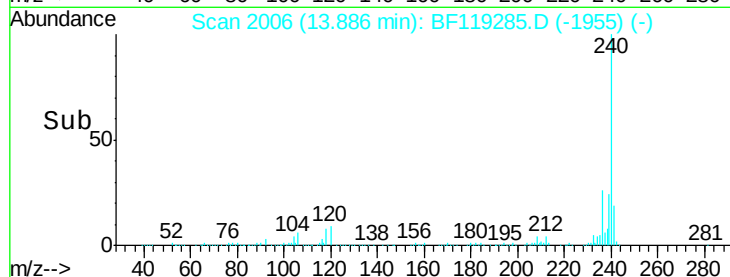
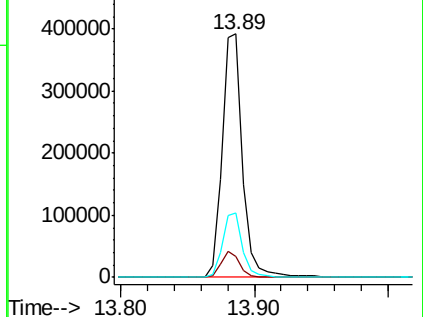
236 26.3 21.0 31.4



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



#77

Benzidine

Concen: 2.003 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

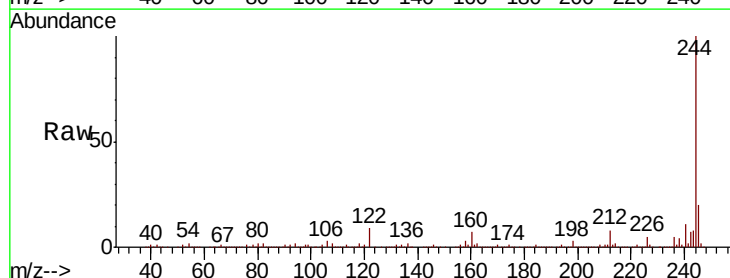
Tgt Ion:184 Resp: 34193

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

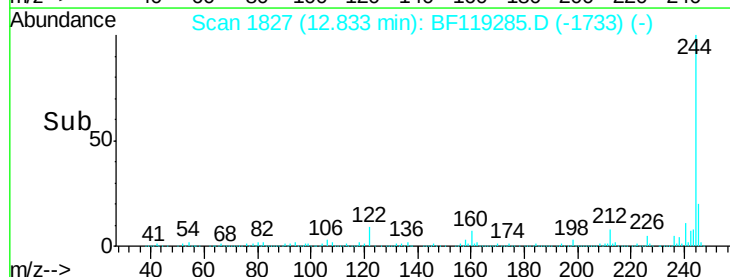
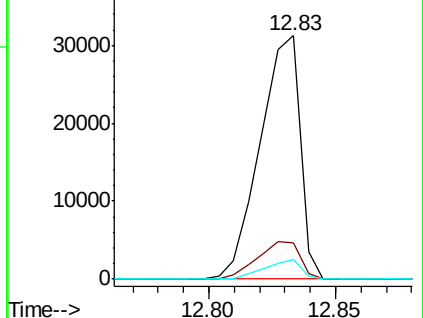
183 7.9 9.9 14.9#

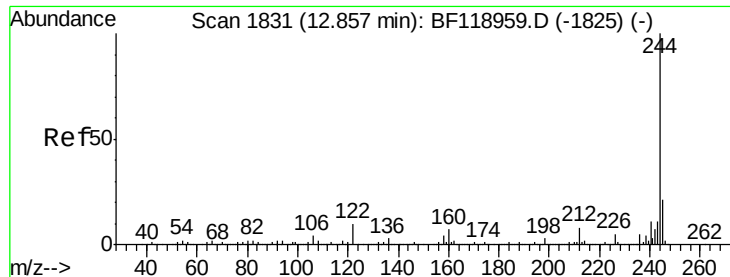


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 102.031 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

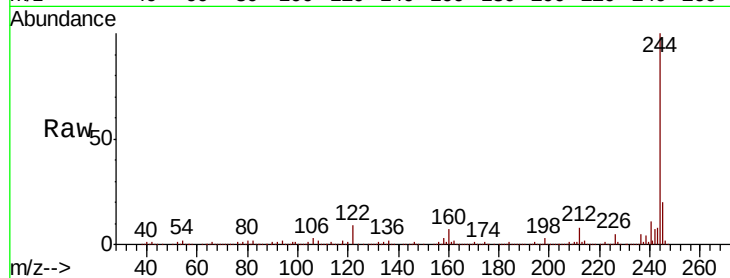
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2487183

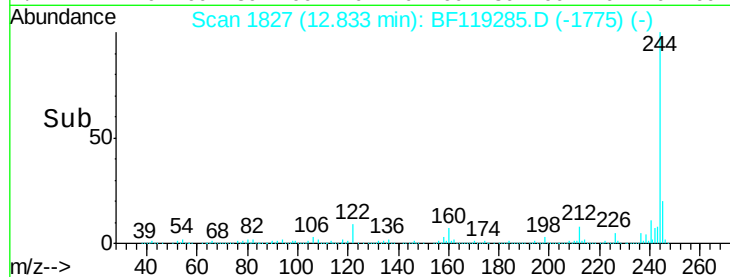
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	8.8	8.2	12.2



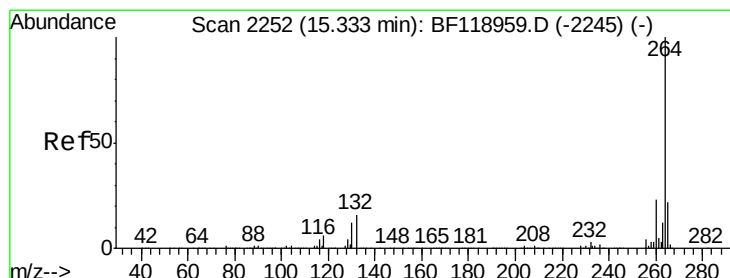
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

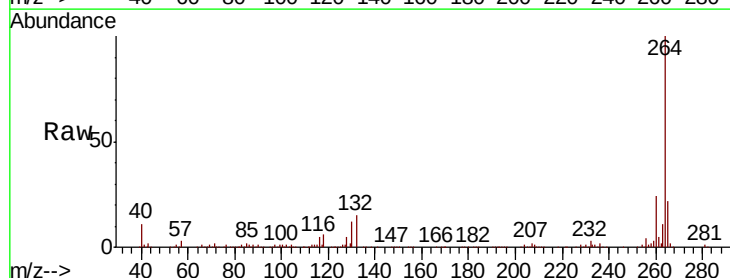
Delta R.T. 0.00 min

Lab File: BF119285.D

Acq: 9 Mar 2020 13:59

Tgt Ion:264 Resp: 343867

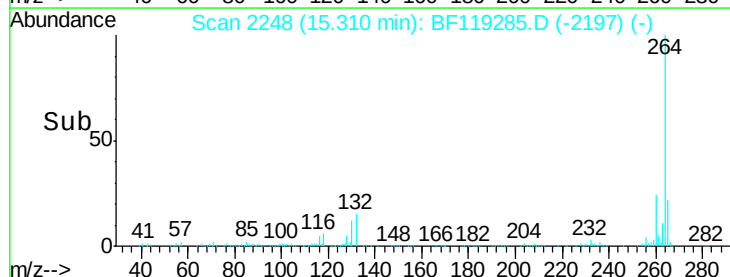
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.6	17.7	26.5



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



Time-->