

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119283.D
 Acq On : 9 Mar 2020 13:01
 Operator : CG/JU
 Sample : PB127309BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:08:51 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

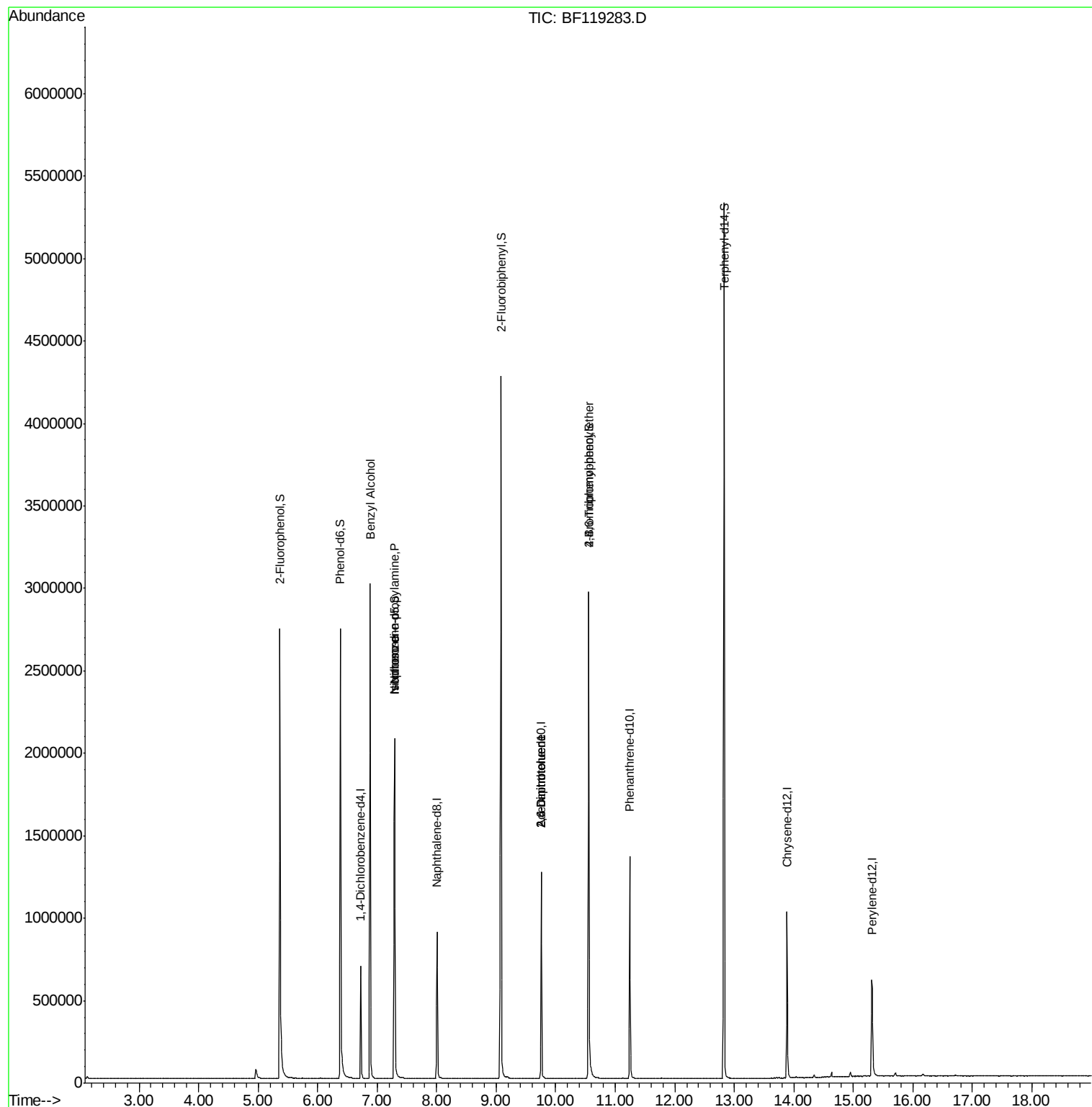
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117735	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	460920	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	273364	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	542892	20.00	ng	0.00
76) Chrysene-d12	13.89	240	387784	20.00	ng	0.00
87) Perylene-d12	15.31	264	325527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	982122	139.41	ng	0.02
7) Phenol-d6	6.38	99	1218992	142.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	806240	92.36	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	480040	134.24	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1648790	88.85	ng	0.00
79) Terphenyl-d14	12.83	244	2254859	100.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	13739	2.219	ng	# 47
19) n-Nitroso-di-n-propylamine	7.29	70	111663	22.366	ng	# 74
25) Isophorone	7.29	82	806236	53.180	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	33976	7.316	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33976	5.644	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	30380	4.281	ng	# 1

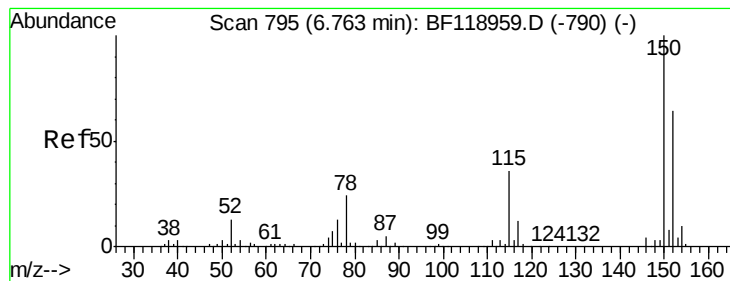
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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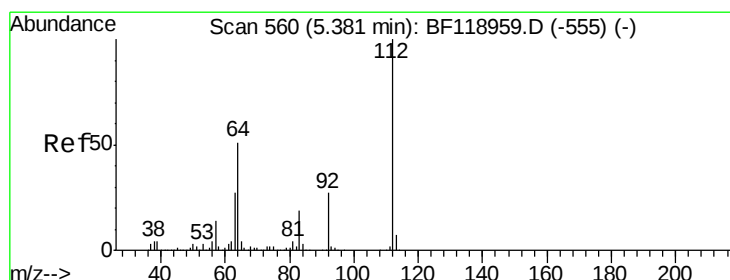
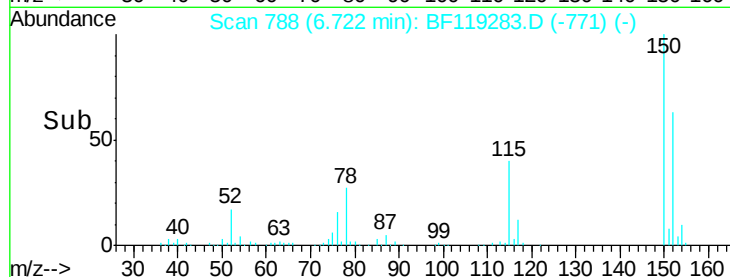
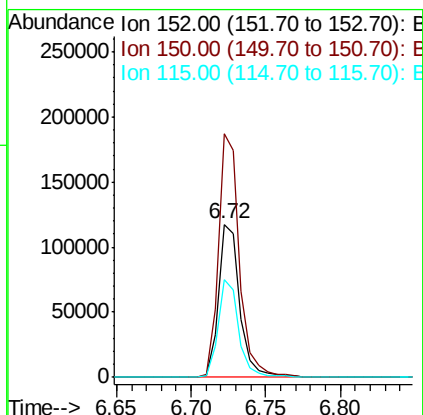
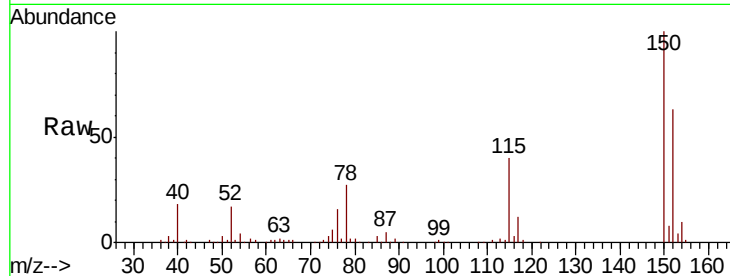


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Instrument :
BNA_F
ClientSampleId :

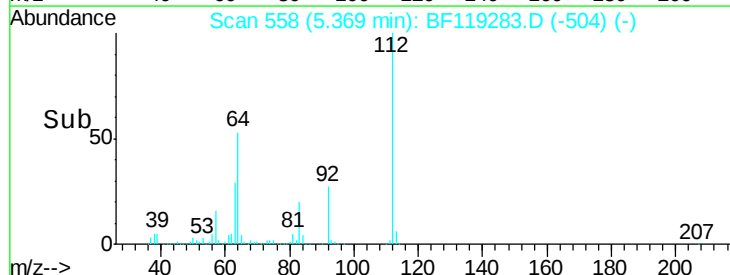
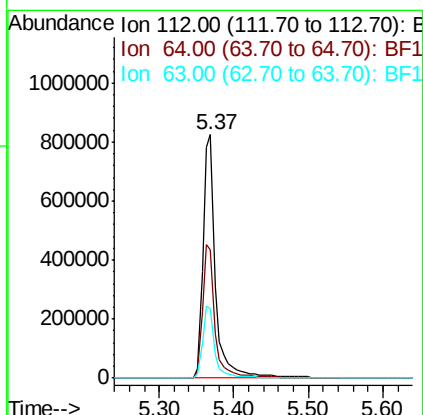
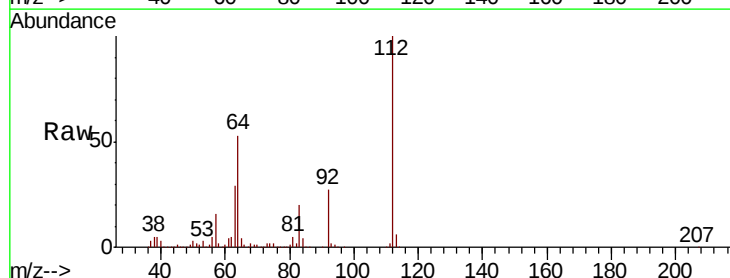
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.6
115	63.8	49.5	74.3

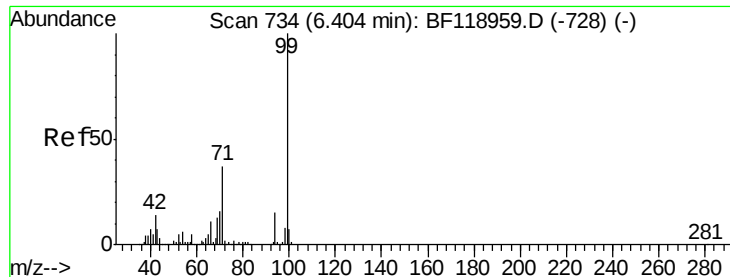


#5

2-Fluorophenol
Concen: 139.406 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	28.8	24.2	36.4





#7

Phenol-d6

Concen: 142.272 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

Instrument :

BNA_F

ClientSampled :

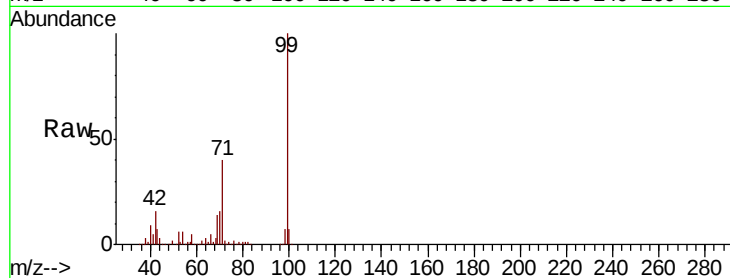
Tot Ion: 99 Resp: 1218992

Ion Ratio Lower Upper

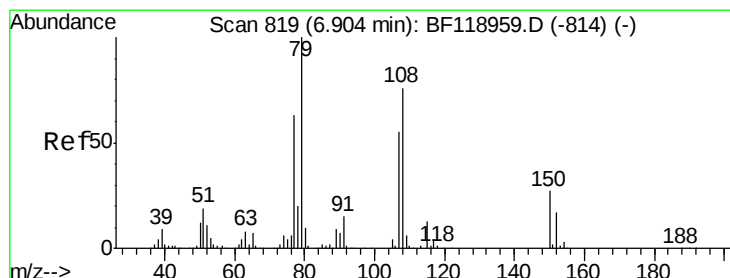
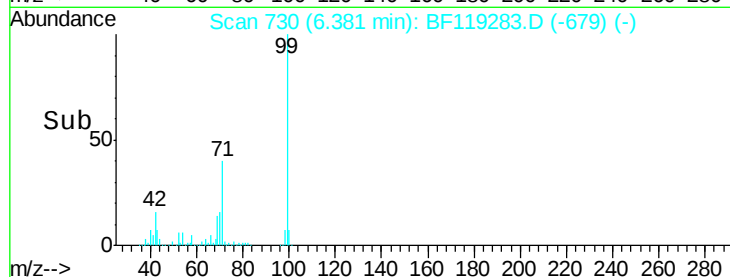
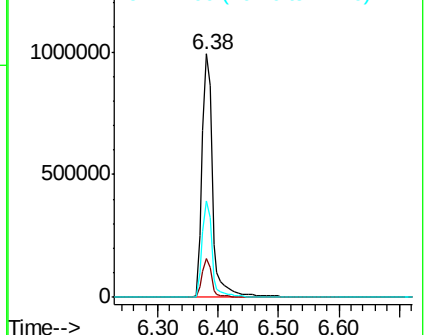
99 100

42 15.8 12.6 18.8

71 39.7 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: 2.219 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

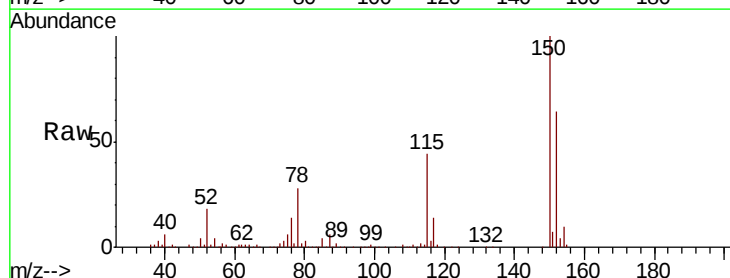
Tgt Ion: 79 Resp: 13739

Ion Ratio Lower Upper

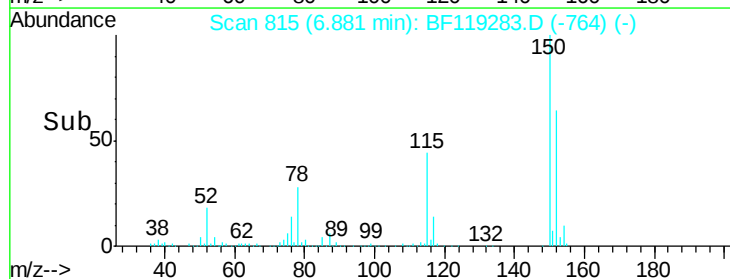
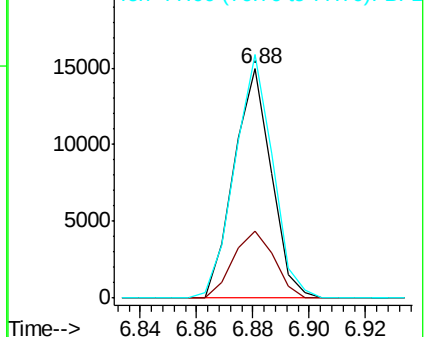
79 100

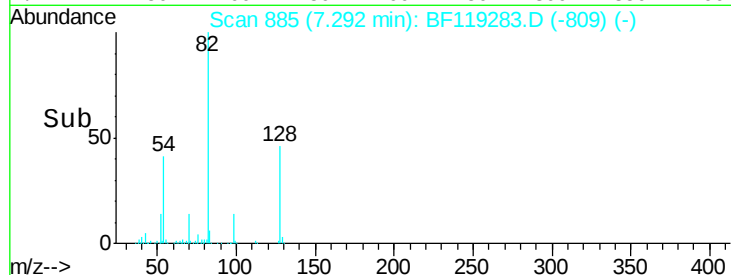
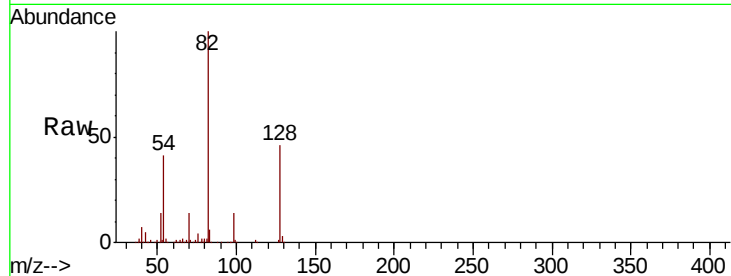
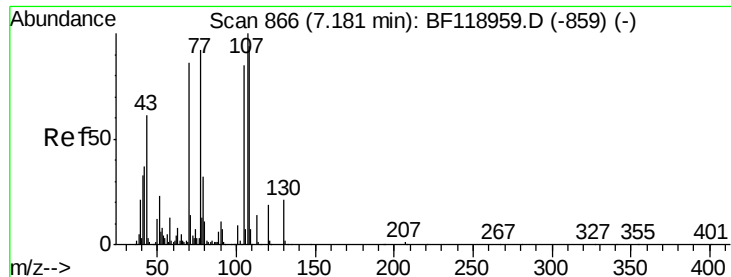
108 29.1 58.2 87.2#

77 106.2 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

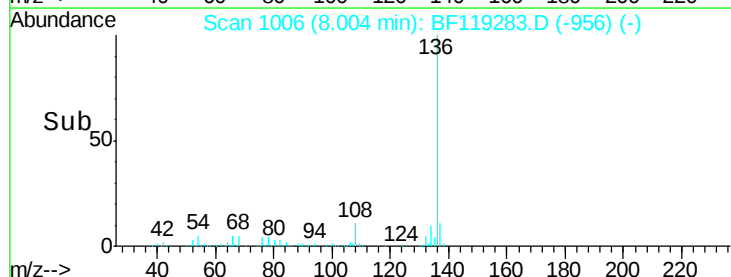
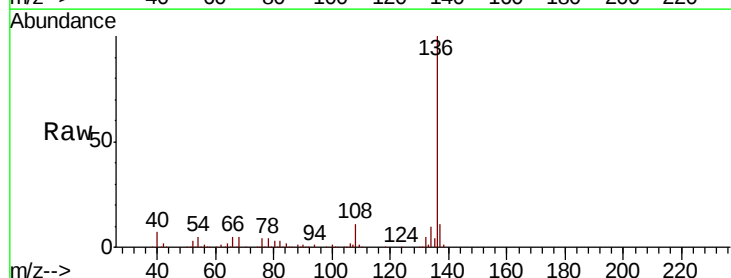
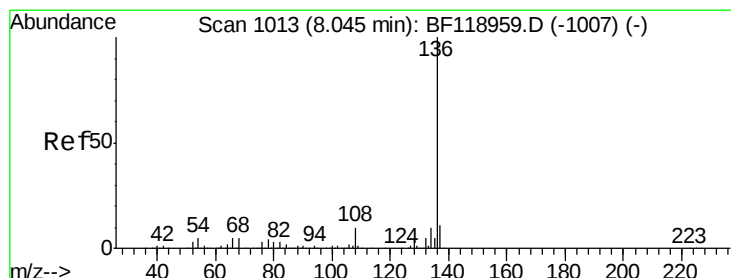
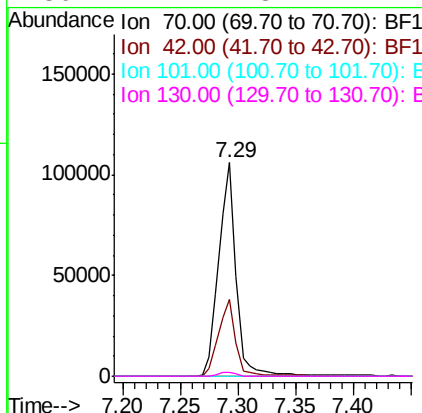




#19
n-Nitroso-di-n-propylamine
Concen: 22.366 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

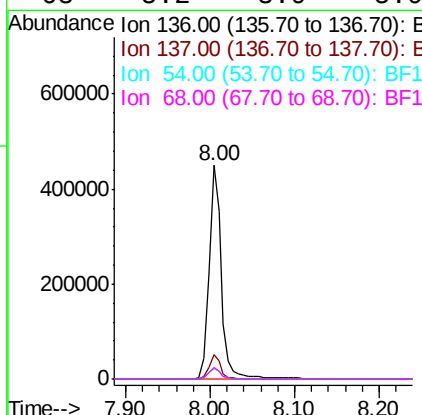
Instrument :
BNA_F
ClientSampleId :

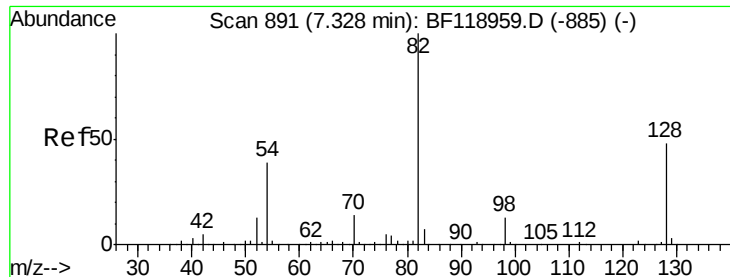
Tot Ion: 70 Resp: 111663
Ion Ratio Lower Upper
70 100
42 36.1 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion: 136 Resp: 460920
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 3.8 5.6
68 5.2 3.9 5.9

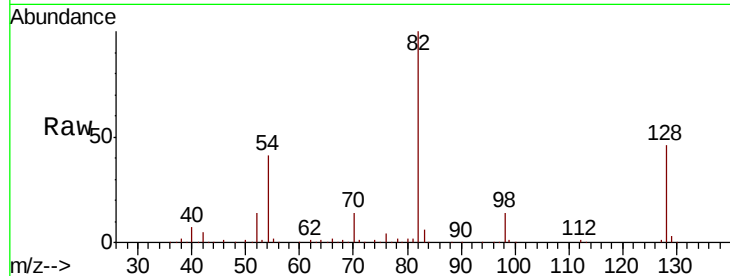




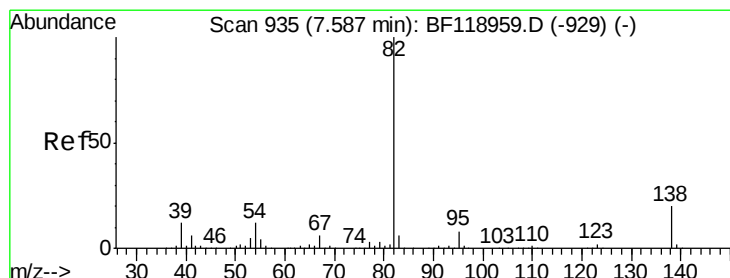
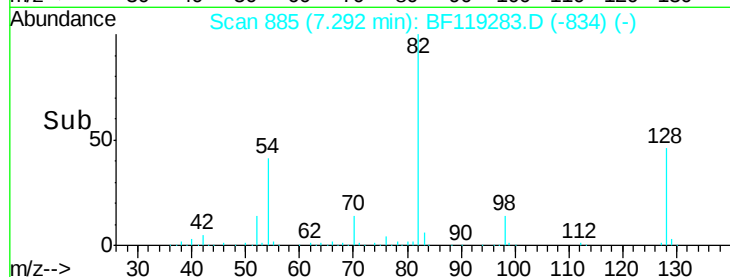
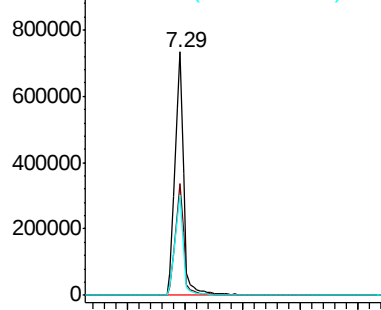
#23
Nitrobenzene-d5
Concen: 92.358 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 806240
Ion Ratio Lower Upper
82 100
128 45.9 37.9 56.9
54 41.2 33.4 50.2

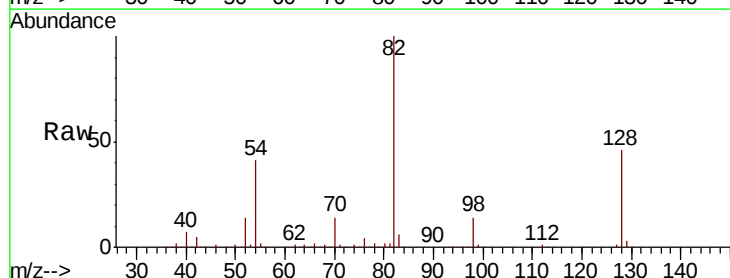


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

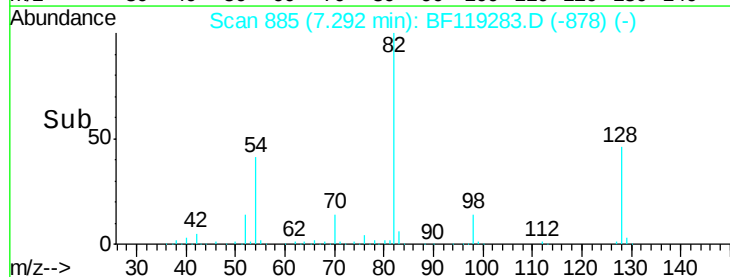
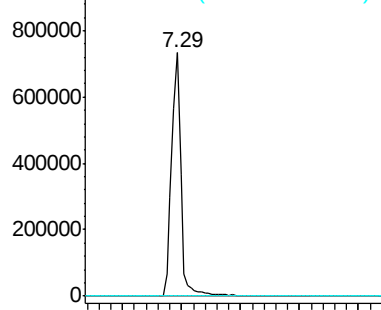


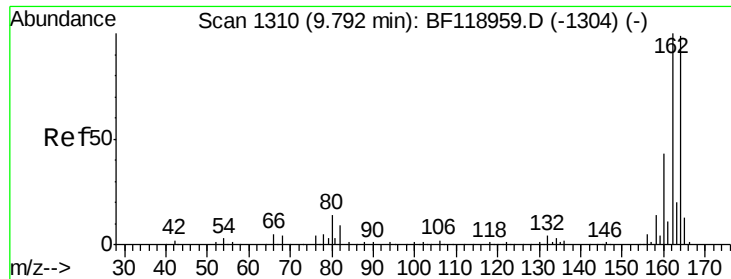
#25
Isophorone
Concen: 53.180 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion: 82 Resp: 806236
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: BF119283.D

Acq: 9 Mar 2020 13:01

Instrument :

BNA_F

ClientSampleId :

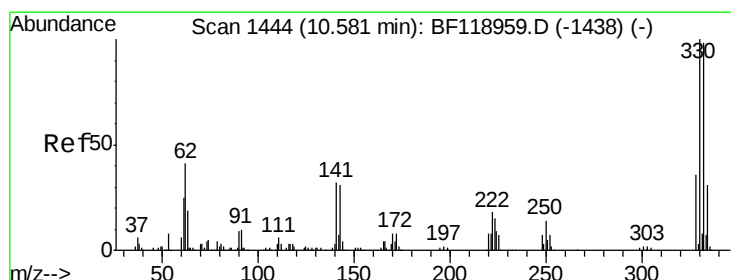
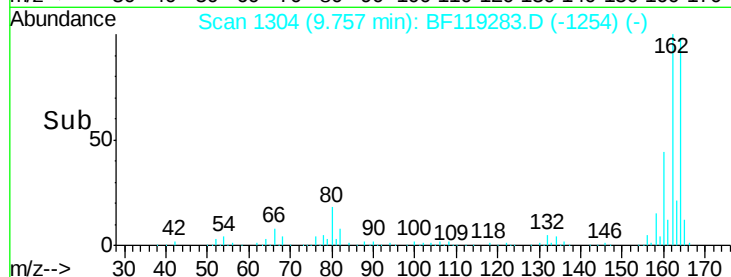
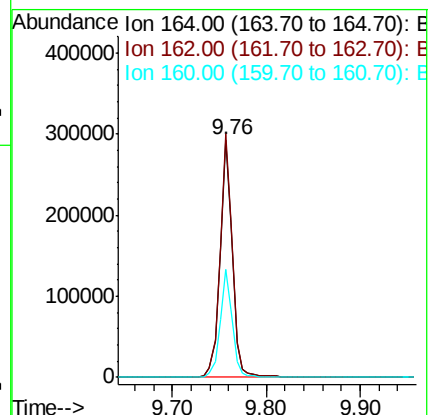
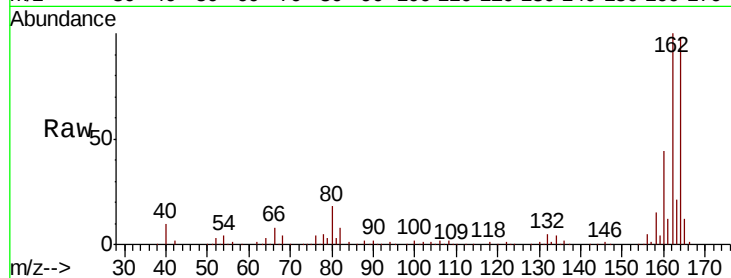
Tot Ion:164 Resp: 273364

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.8

160 45.6 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 134.237 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

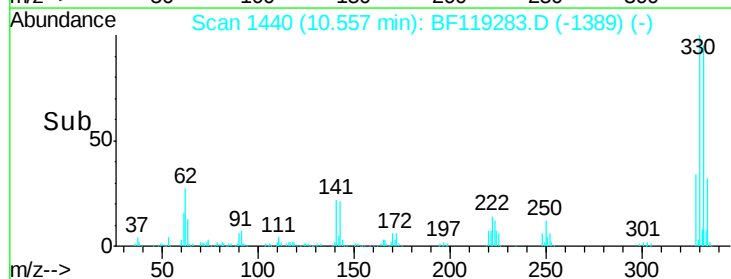
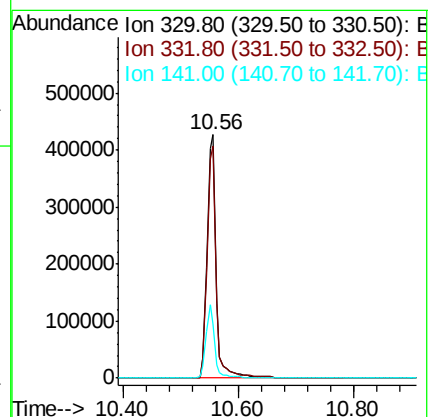
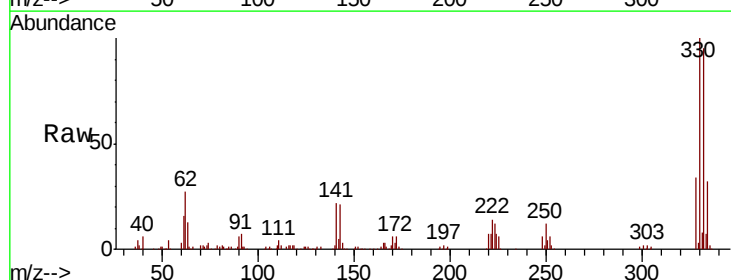
Tgt Ion:330 Resp: 480040

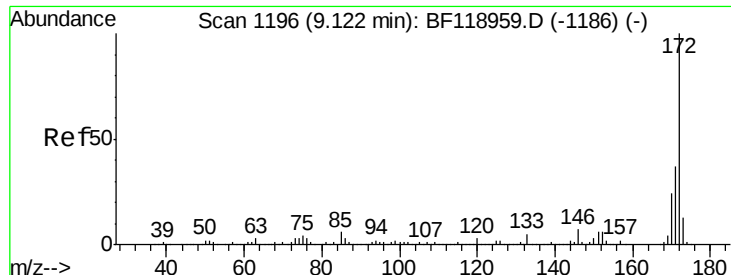
Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 29.2 22.9 34.3



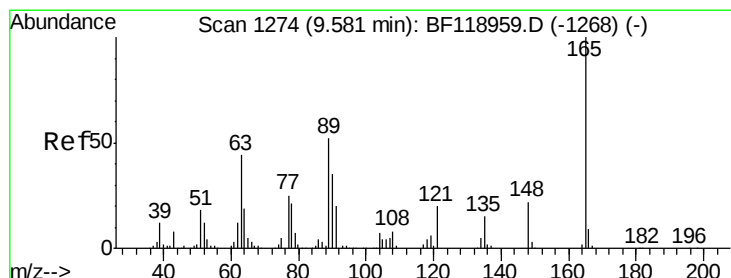
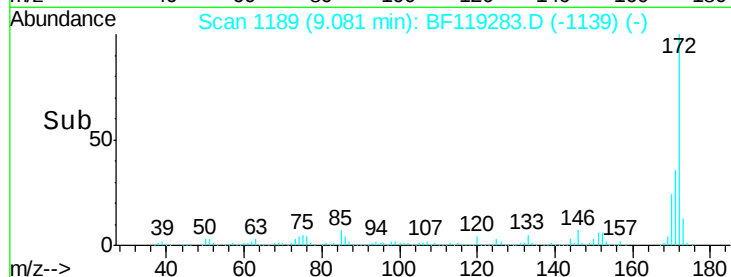
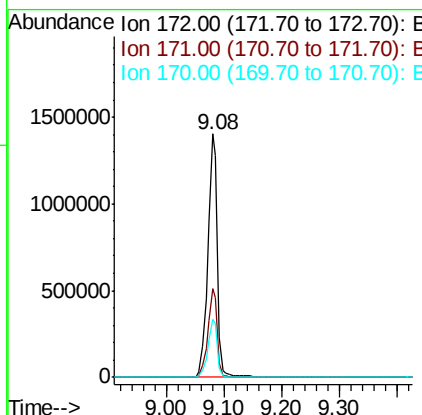
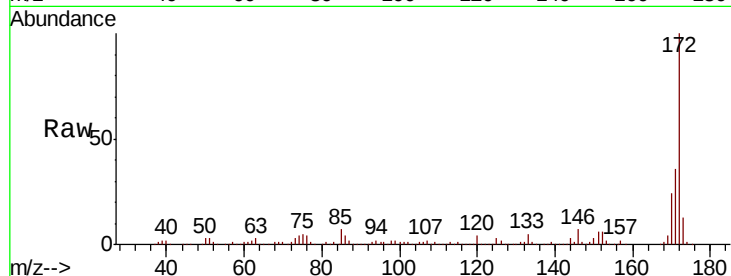


#45
 2-Fluorobiphenyl
 Concen: 88.854 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1648790

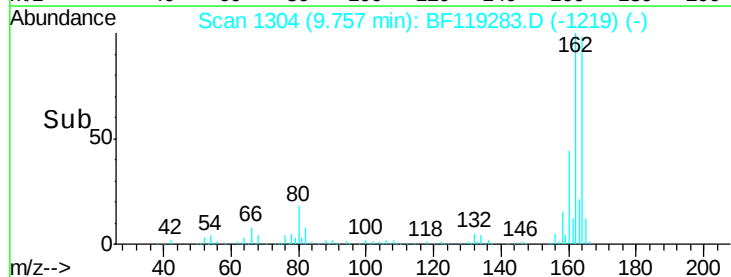
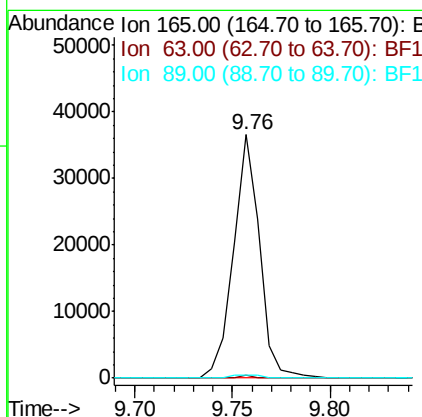
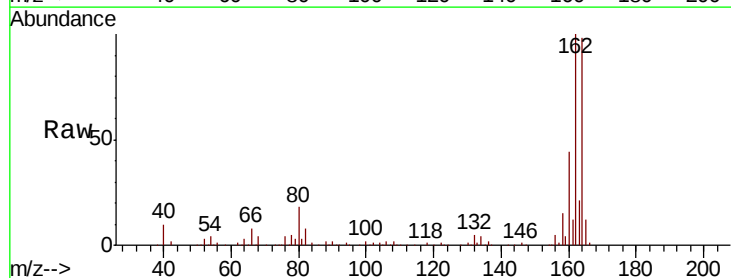
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.9	20.2	30.2

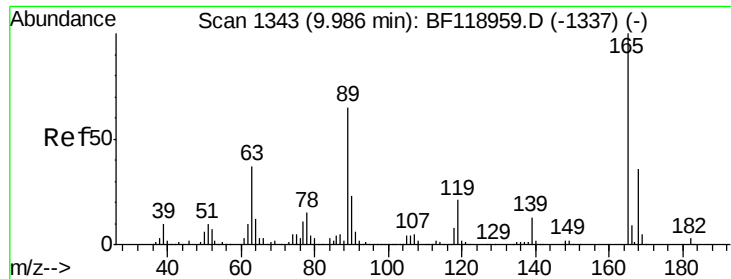


#51
 2,6-Dinitrotoluene
 Concen: 7.316 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Tgt Ion:165 Resp: 33976

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.2	38.3	57.5#

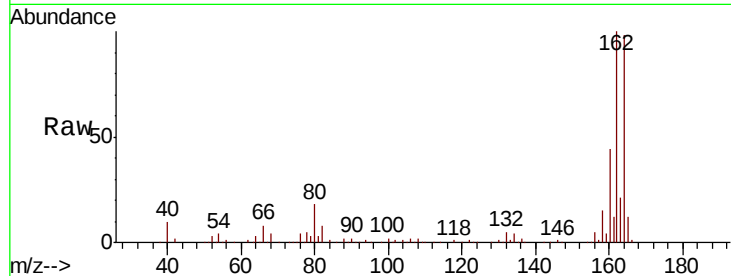




#57
 2,4-Dinitrotoluene
 Concen: 5.644 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#

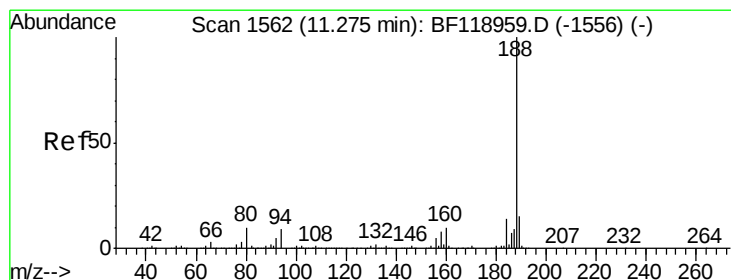
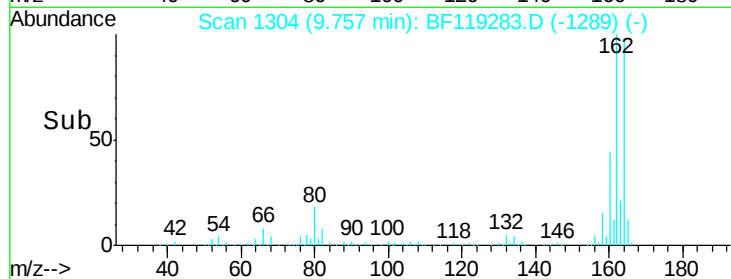
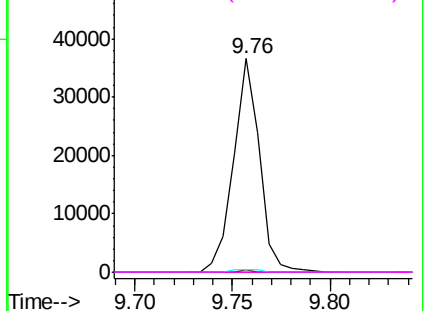


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

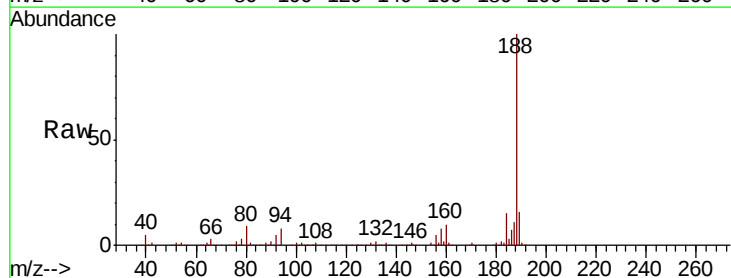
Ion 89.00 (88.70 to 89.70): BF1

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: BF119283.D
 Acq: 9 Mar 2020 13:01

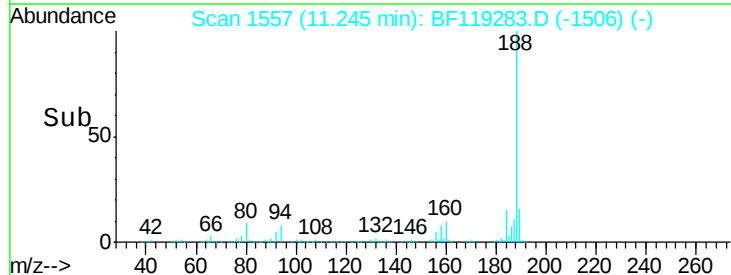
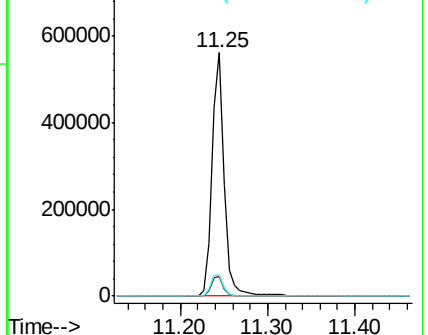
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.8	7.8	11.8

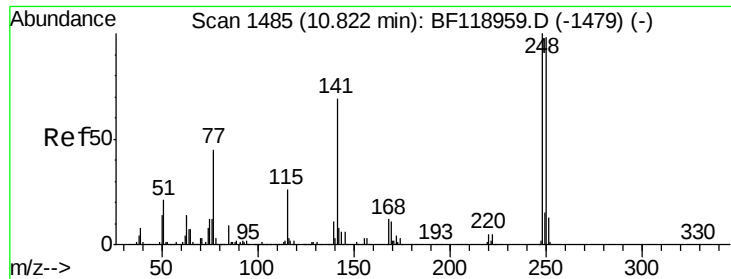


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

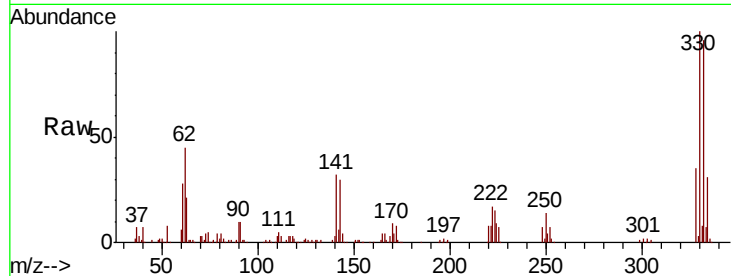




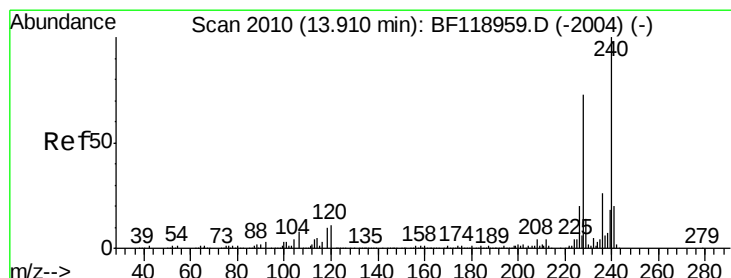
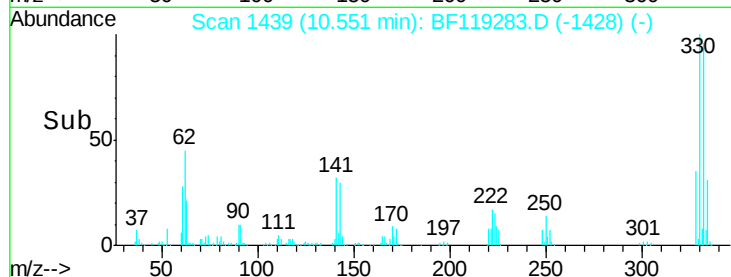
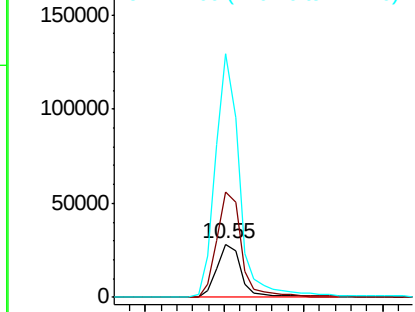
#67
 4-Bromophenyl-phenylether
 Concen: 4.281 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 30380
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.7 115.1#
 141 459.3 60.7 91.1#

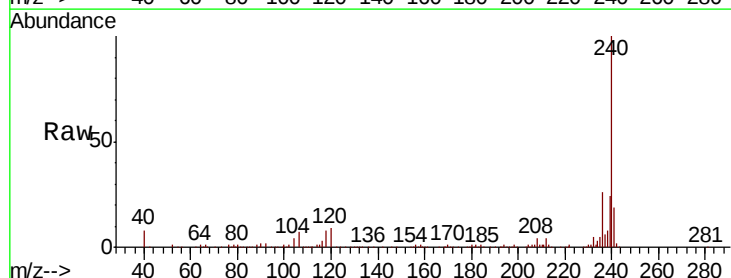


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

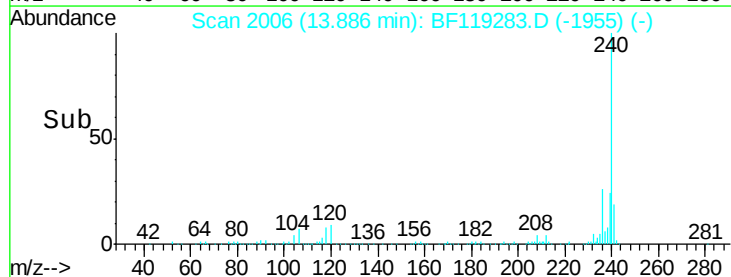
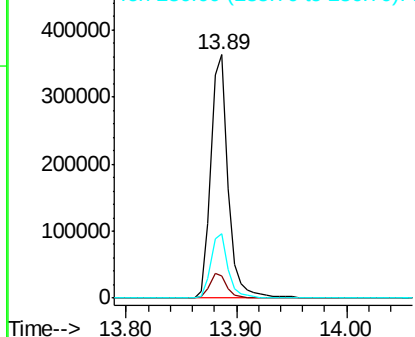


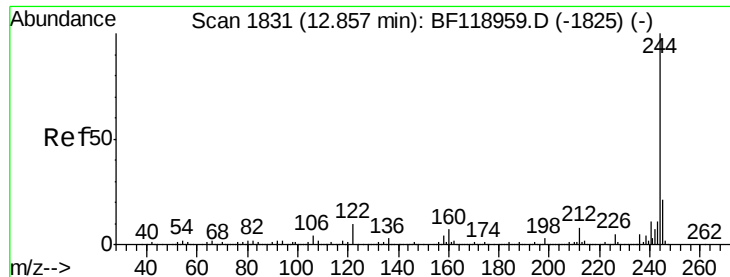
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Tgt Ion:240 Resp: 387784
 Ion Ratio Lower Upper
 240 100
 120 8.9 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





#79

Terphenyl-d14

Concen: 100.111 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

Instrument :

BNA_F

ClientSampleId :

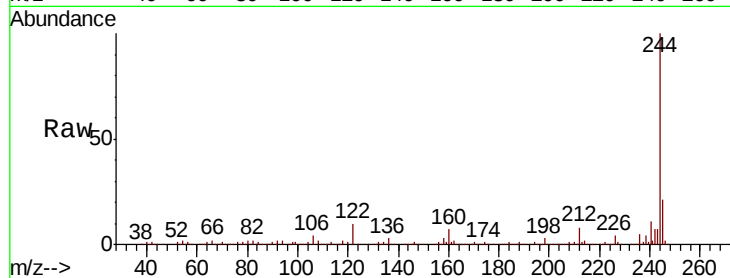
Tot Ion:244 Resp: 2254859

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

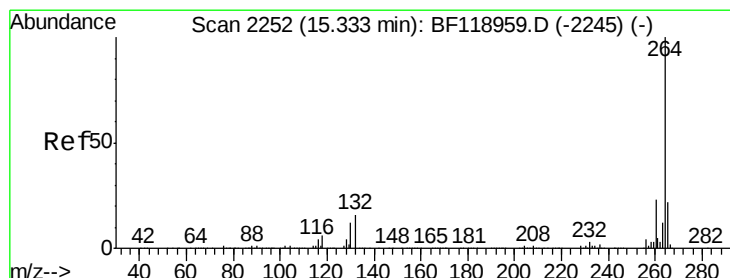
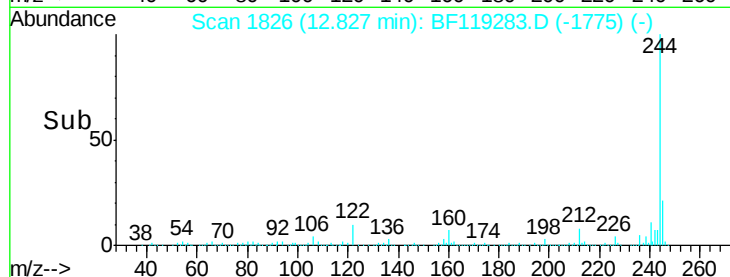
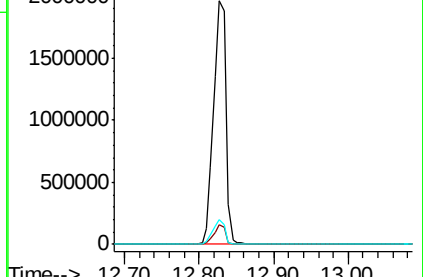
122 10.2 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

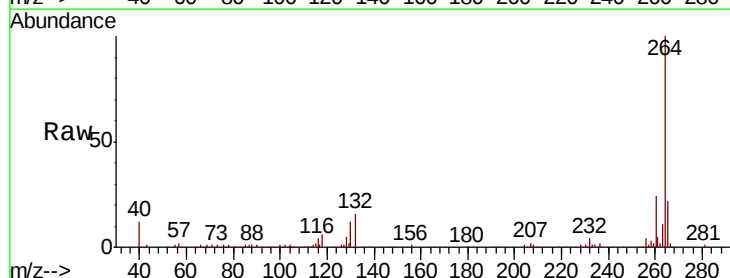
Tgt Ion:264 Resp: 325527

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.1 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

