

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120679.D
 Acq On : 22 Jun 2020 16:34
 Operator : JU/CG
 Sample : L3082-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Jun 22 17:47:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

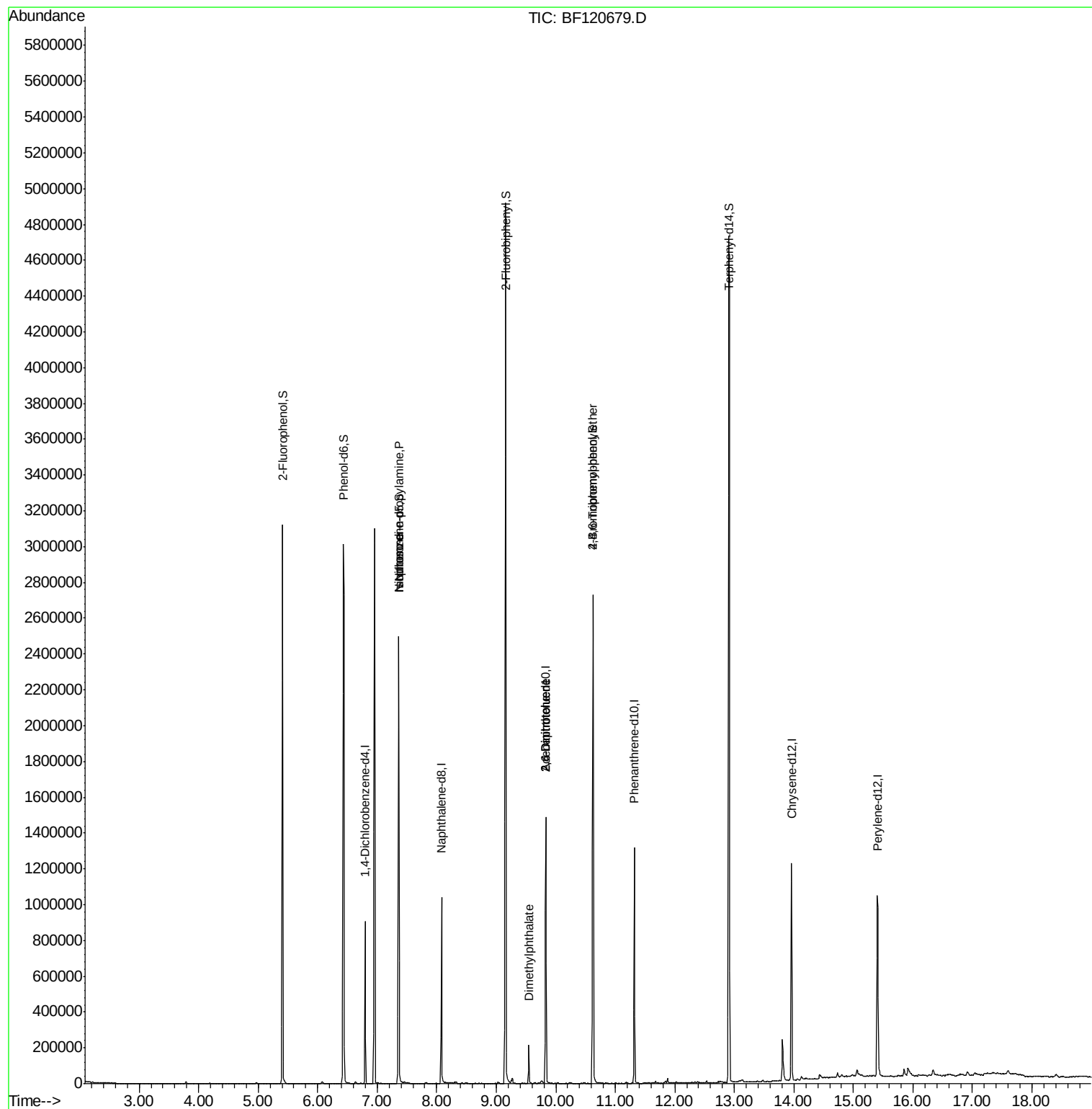
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136121	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	487864	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	286188	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	519671	20.00	ng	0.00
76) Chrysene-d12	13.96	240	444767	20.00	ng	0.00
86) Perylene-d12	15.40	264	494404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	922681	116.21	ng	0.00
7) Phenol-d6	6.43	99	1284727	129.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	829638	95.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	400341	120.32	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1634215	87.37	ng	0.00
79) Terphenyl-d14	12.91	244	2048229	101.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	109770	19.137	ng	# 77
25) Isophorone	7.36	82	824406	48.490	ng	# 62
50) Dimethylphthalate	9.55	163	87107	4.226	ng	97
51) 2,6-Dinitrotoluene	9.83	165	36636	7.843	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	36636	5.911	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	22721	3.852	ng	# 1

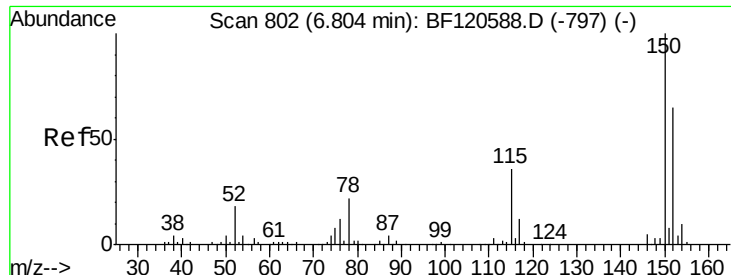
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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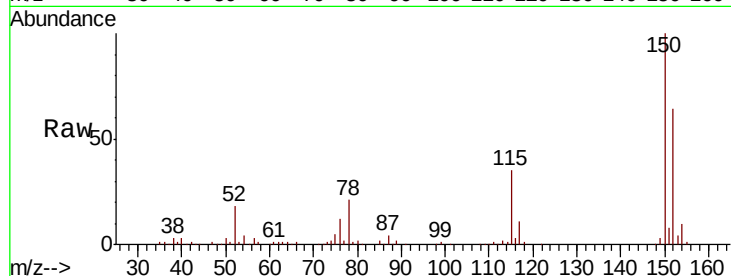


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.2	184.8
115	54.6	43.9	65.9

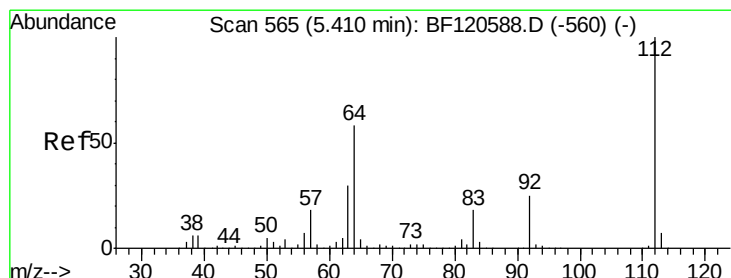
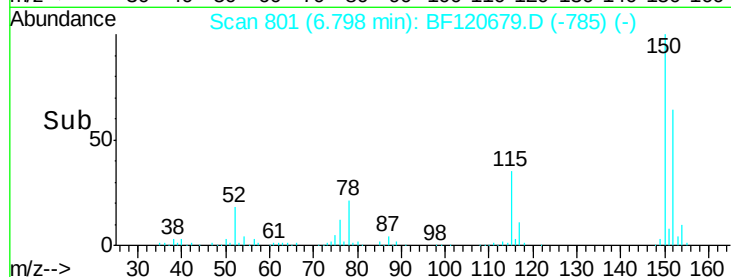
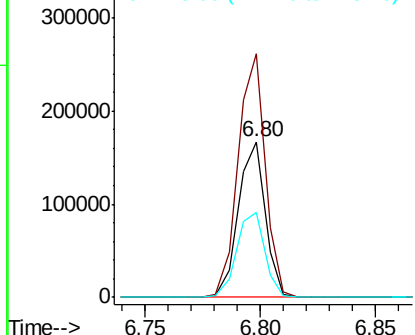


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

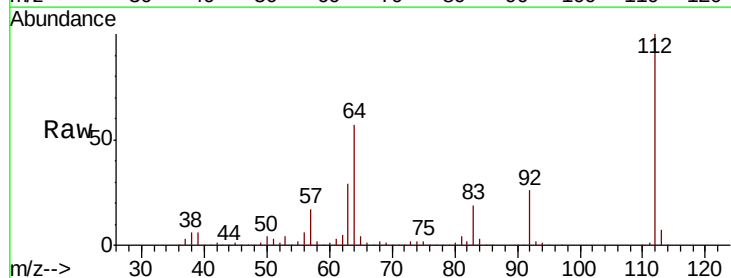
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.212 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.1	69.1
63	29.0	23.7	35.5

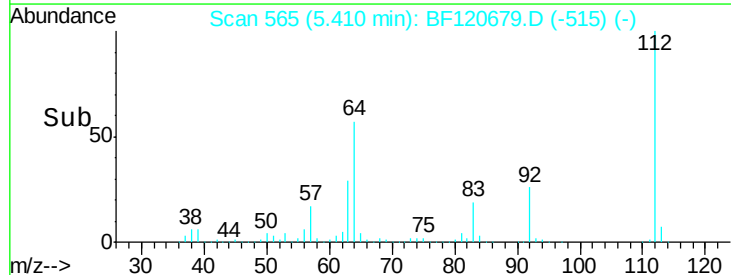
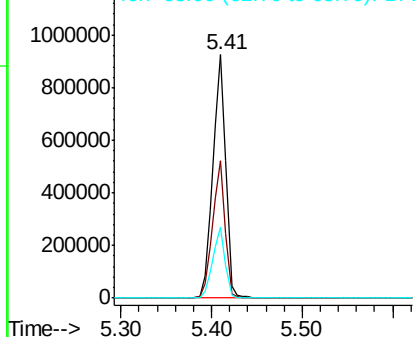


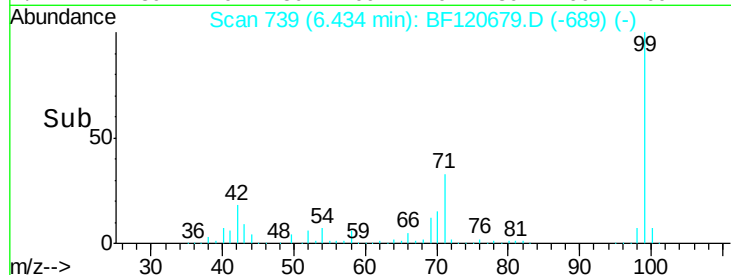
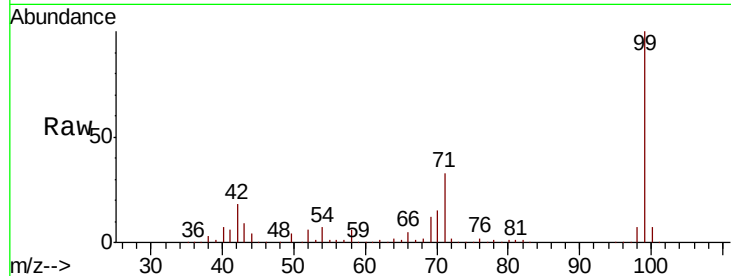
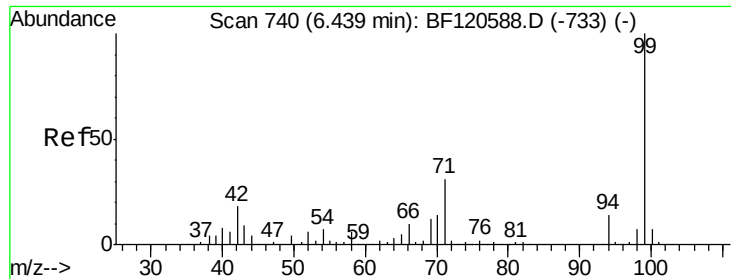
Abundance

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: 129.918 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Instrument :

BNA_F

ClientSampled :

SB-4

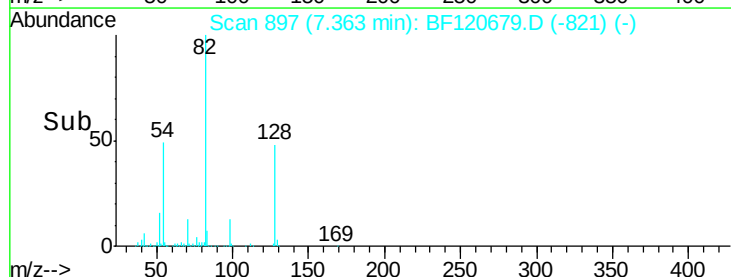
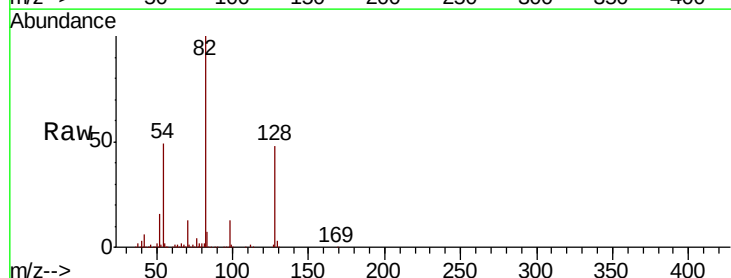
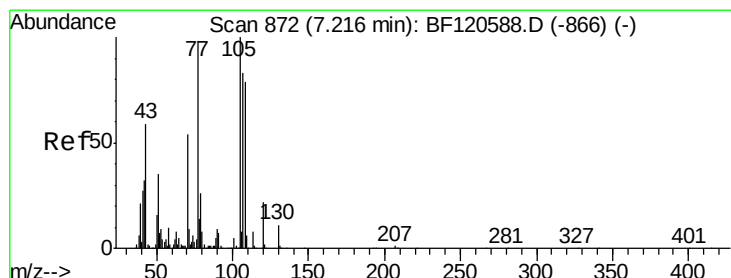
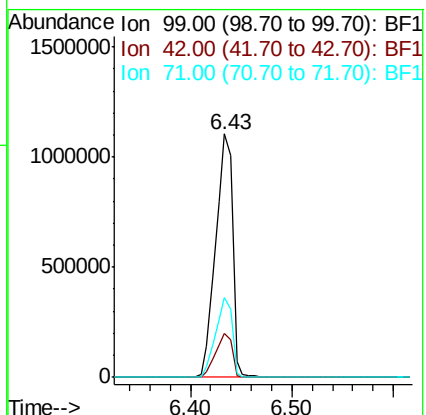
Tot Ion: 99 Resp: 1284727

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

71 32.6 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.137 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Tgt Ion: 70 Resp: 109770

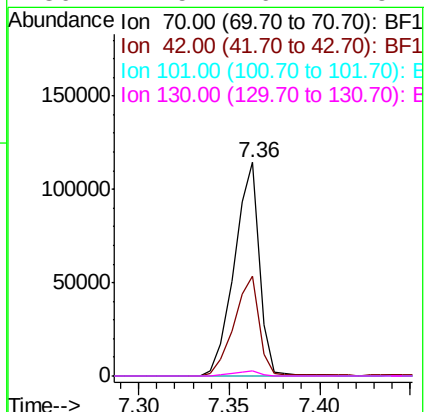
Ion Ratio Lower Upper

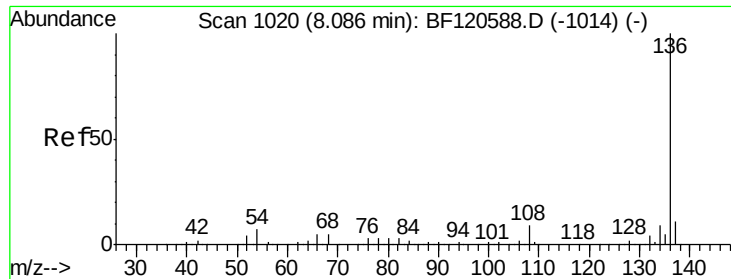
70 100

42 46.9 47.7 71.5#

101 0.0 7.6 11.4#

130 2.5 16.7 25.1#

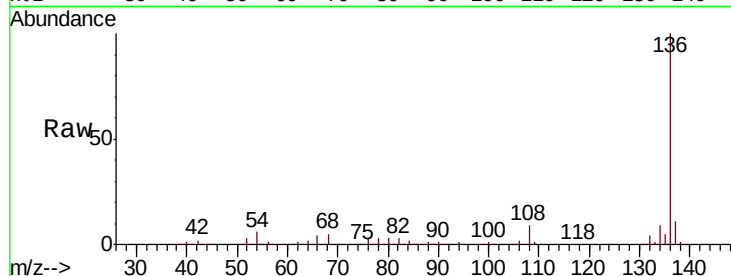




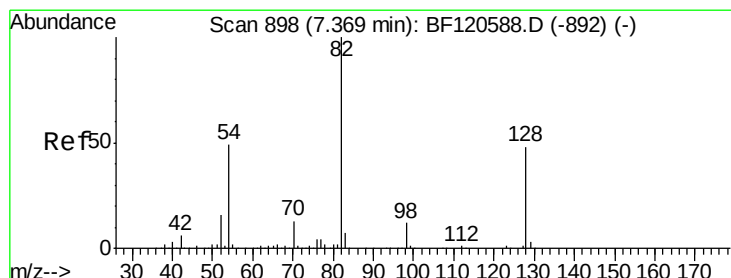
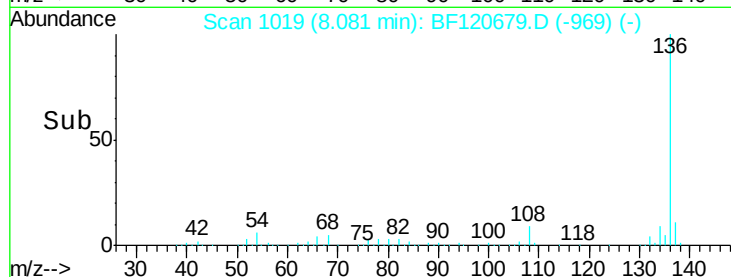
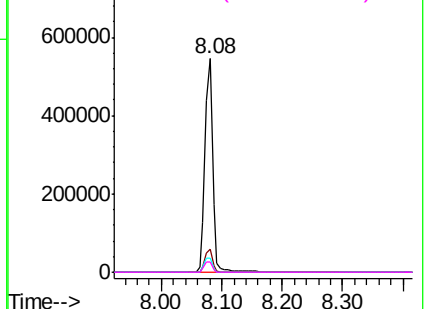
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:136	Resp:	487864
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	6.5	5.8 8.6
68	4.9	4.4 6.6

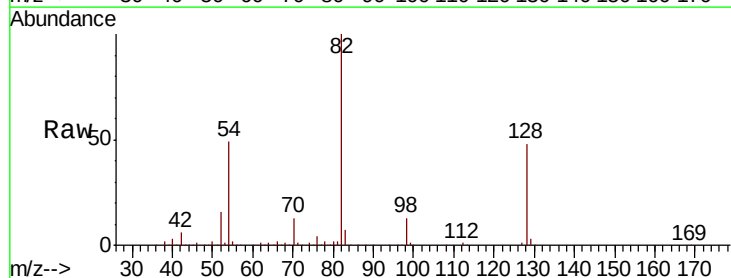


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

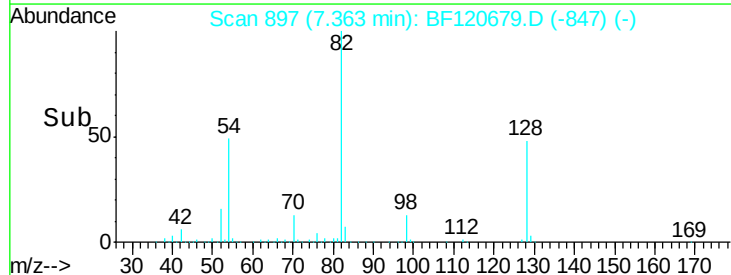
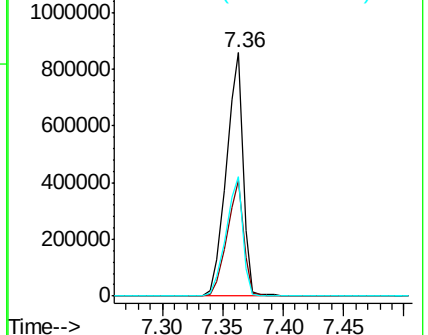


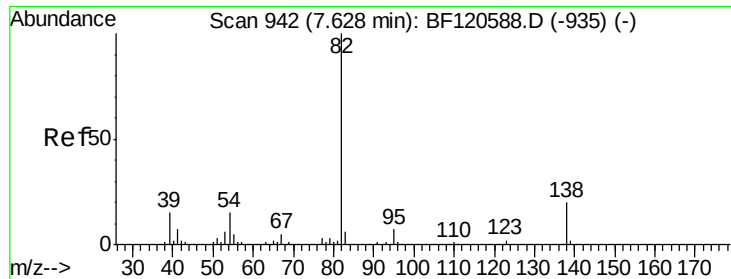
#23
Nitrobenzene-d5
Concen: 95.055 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion: 82	Resp:	829638
Ion Ratio	Lower	Upper
82	100	
128	47.6	38.0 57.0
54	49.0	38.8 58.2



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

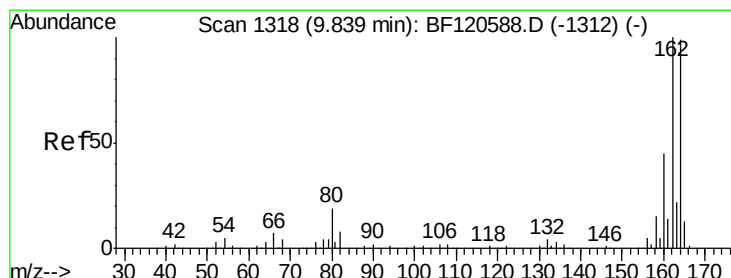
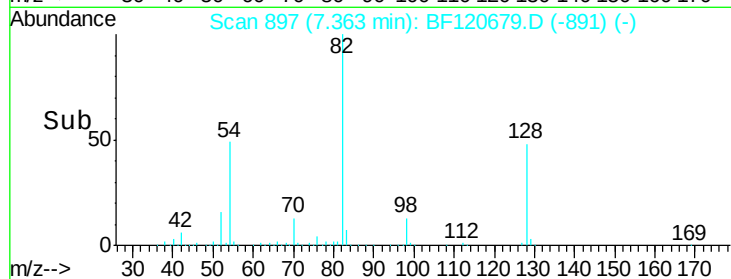
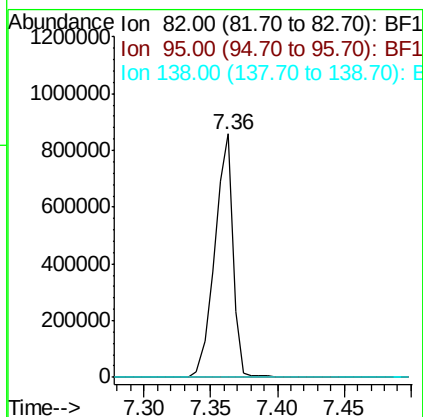
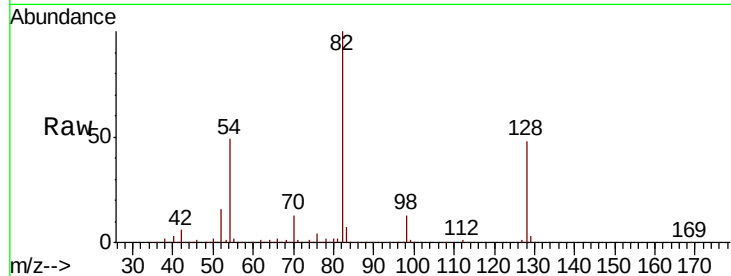




#25
Isophorone
Concen: 48.490 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

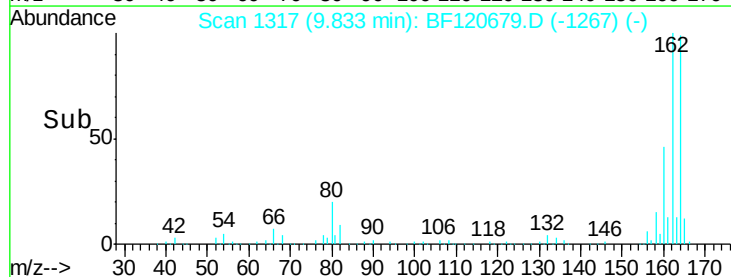
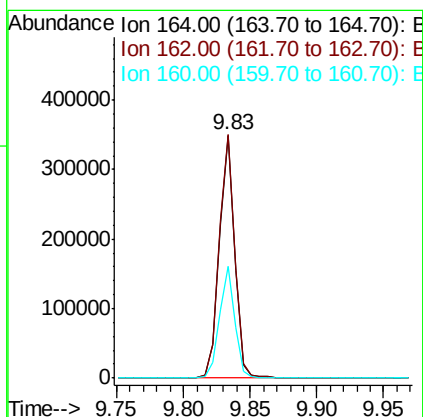
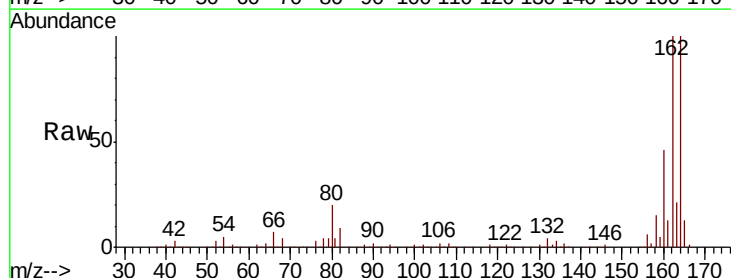
Instrument :
BNA_F
ClientSampled :
SB-4

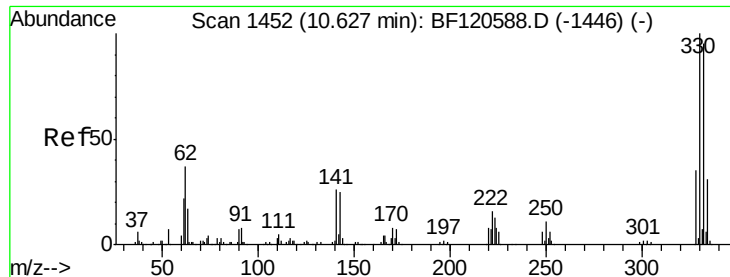
Tot Ion: 82 Resp: 824406
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion:164 Resp: 286188
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 46.0 36.2 54.2

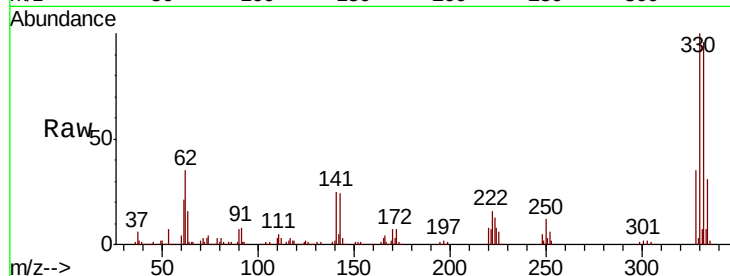




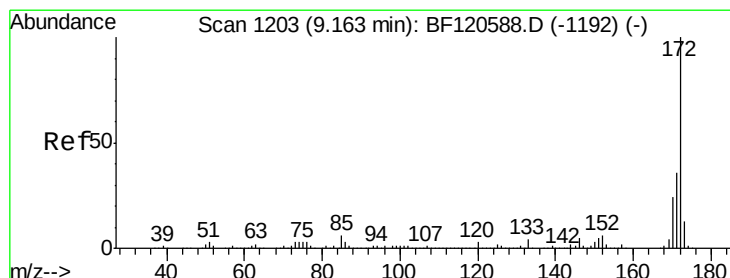
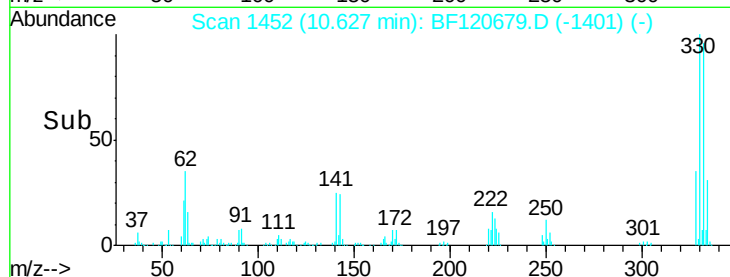
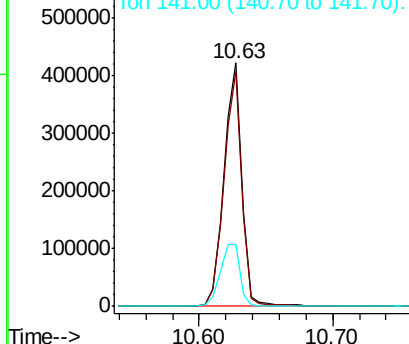
#42
 2,4,6-Tribromophenol
 Concen: 120.319 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	28.5	23.2	34.8

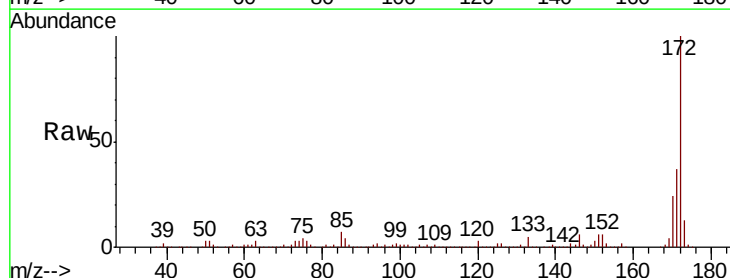


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

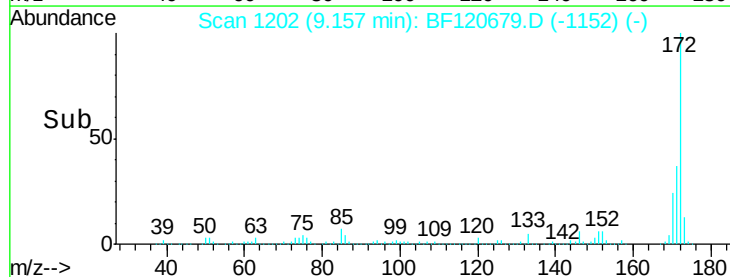
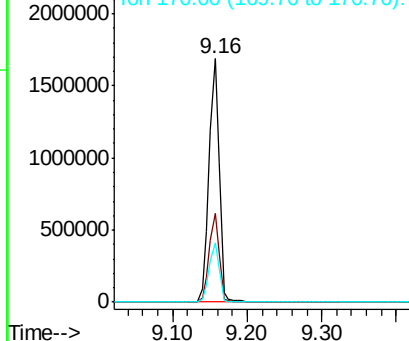


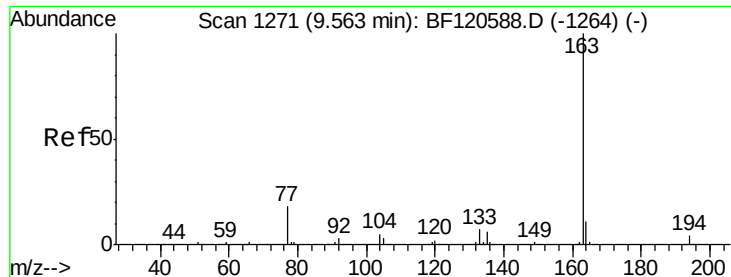
#45
 2-Fluorobiphenyl
 Concen: 87.367 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.3	19.4	29.2



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: 4.226 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Instrument :

BNA_F

ClientSampleId :

SB-4

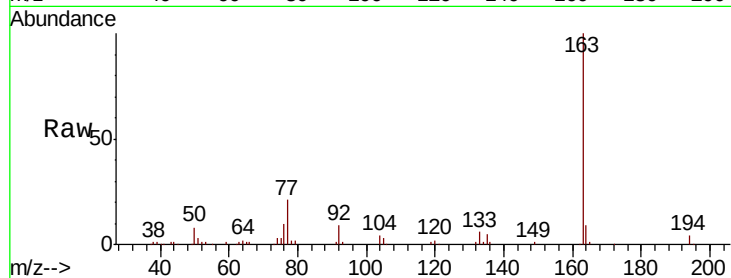
Tot Ion:163 Resp: 87107

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

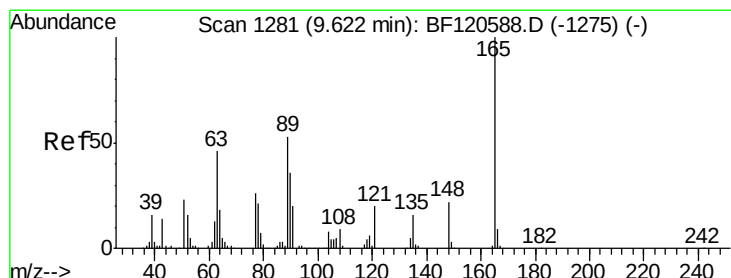
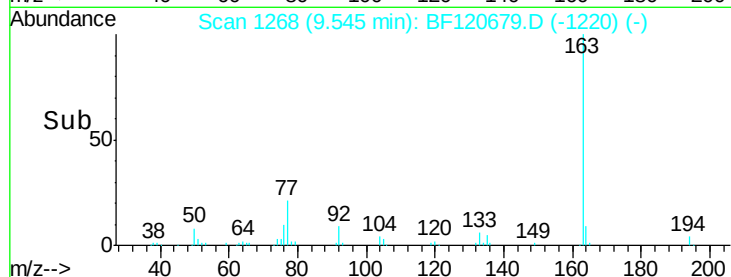
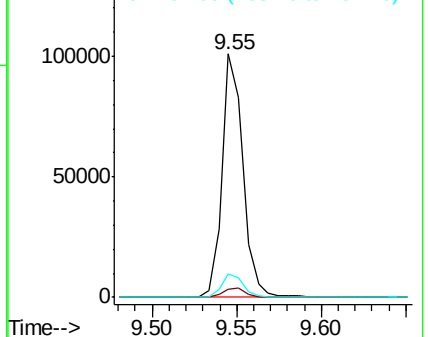
164 9.5 8.5 12.7



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: 7.843 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

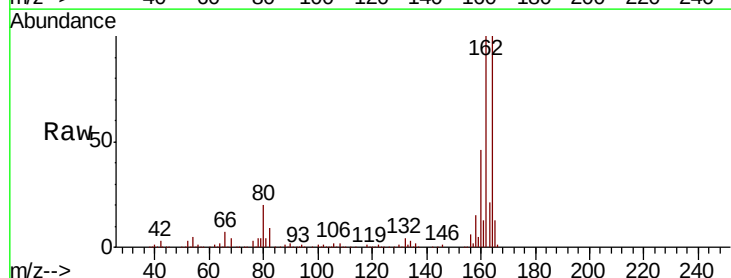
Tgt Ion:165 Resp: 36636

Ion Ratio Lower Upper

165 100

63 1.3 41.7 62.5#

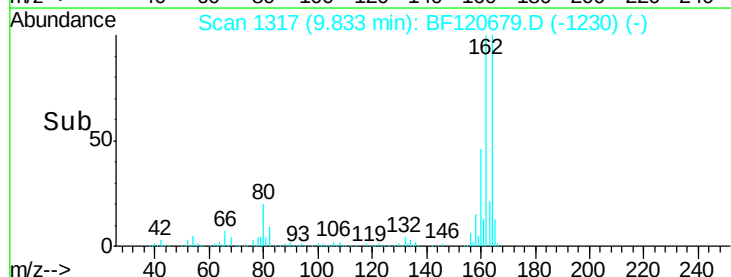
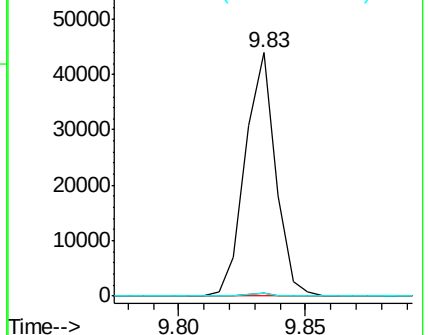
89 1.3 42.6 64.0#

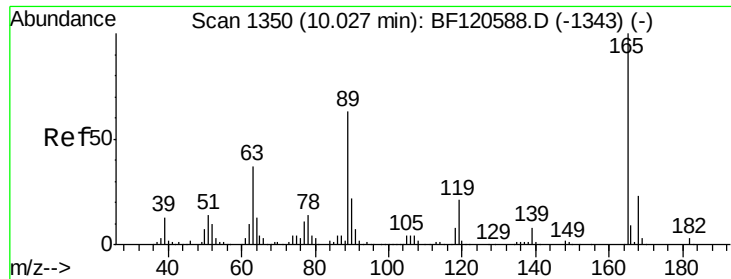


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

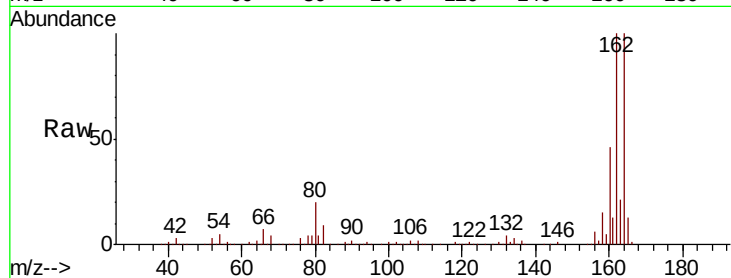




#57
 2,4-Dinitrotoluene
 Concen: 5.911 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.8#
89	1.3	50.4	75.6#
182	0.0	2.1	3.1#

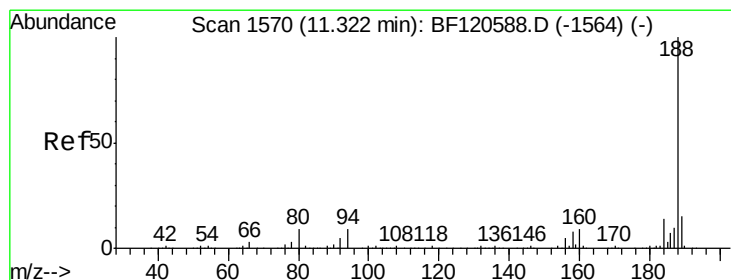
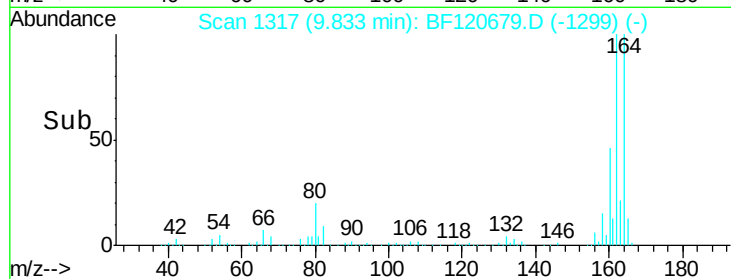
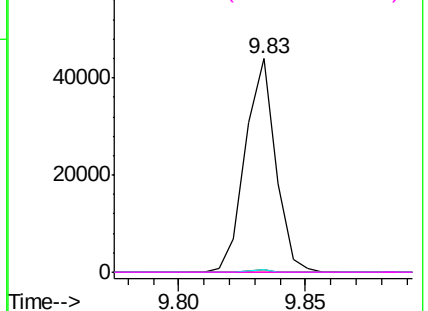


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

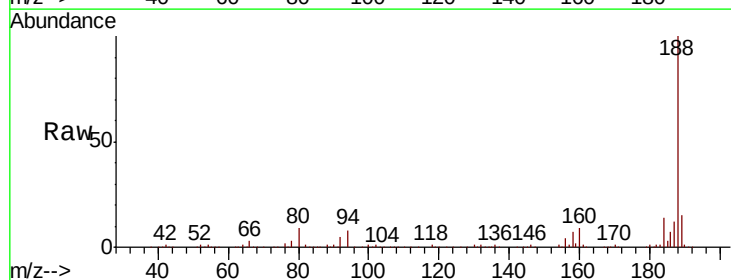
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120679.D
 Acq: 22 Jun 2020 16:34

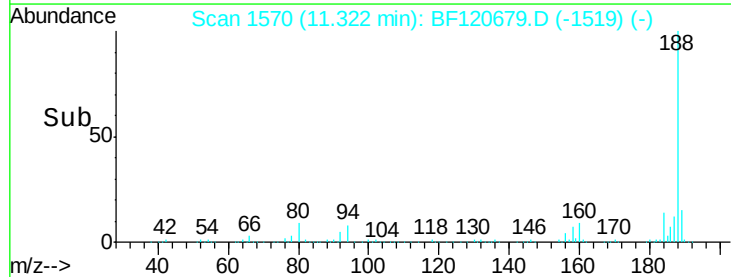
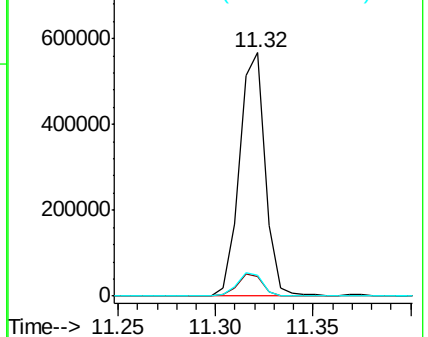
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.5	7.4	11.2

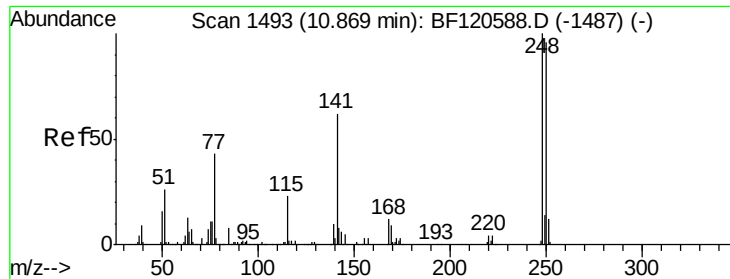


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

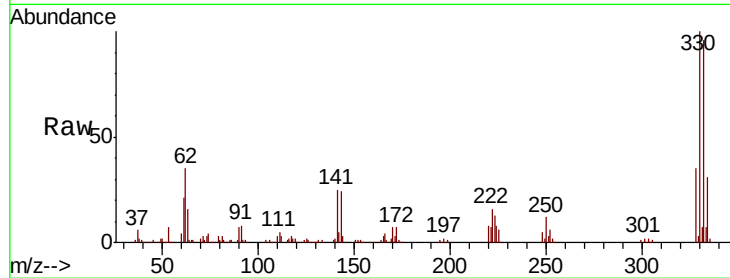




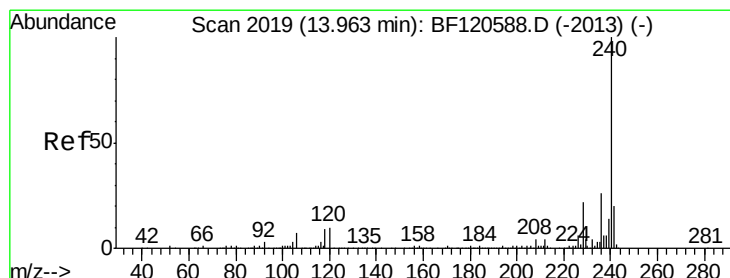
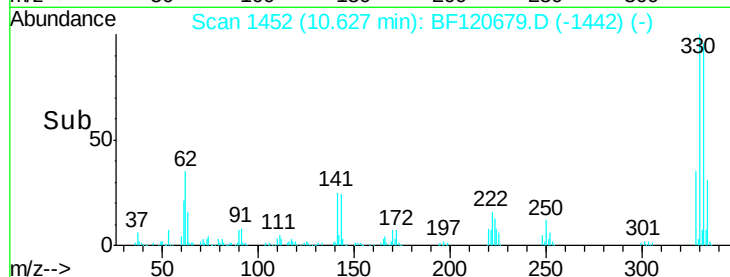
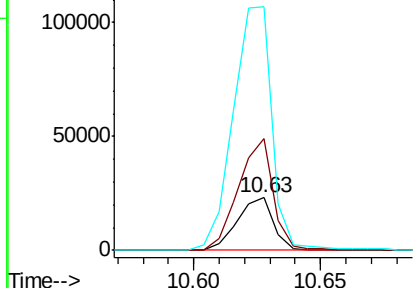
#67
4-Bromophenyl-phenylether
Concen: 3.852 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion:248 Resp: 22721
Ion Ratio Lower Upper
248 100
250 213.1 76.7 115.1#
141 465.2 49.4 74.0#

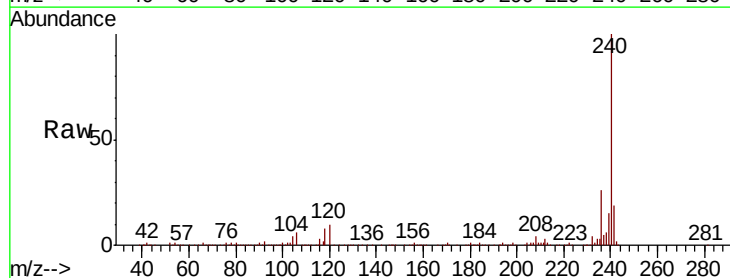


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

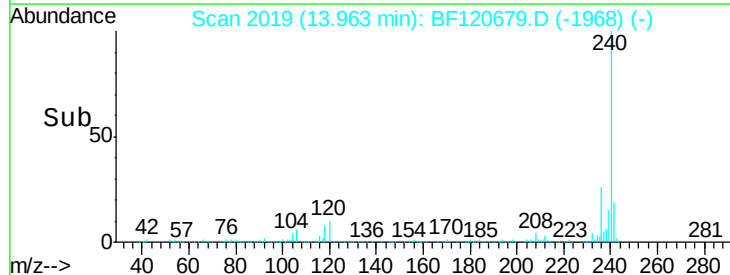
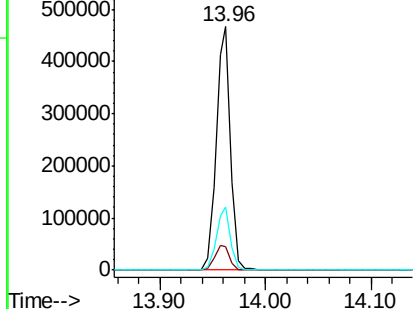


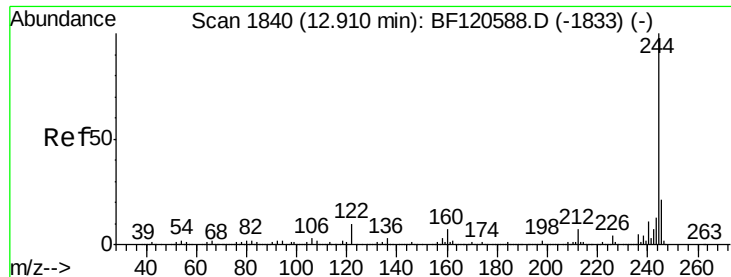
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120679.D
Acq: 22 Jun 2020 16:34

Tgt Ion:240 Resp: 444767
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
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: 101.723 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

Instrument :

BNA_F

ClientSampleId :

SB-4

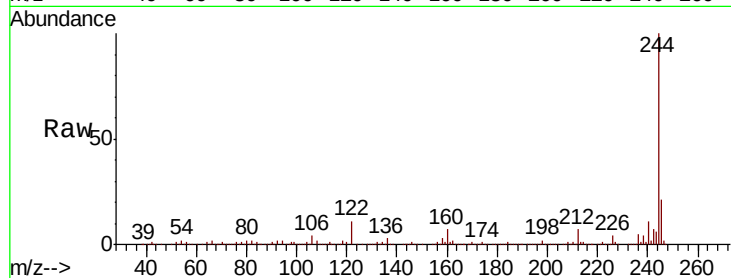
Tot Ion:244 Resp: 2048229

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

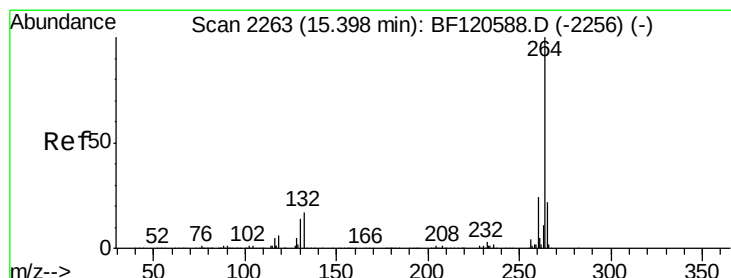
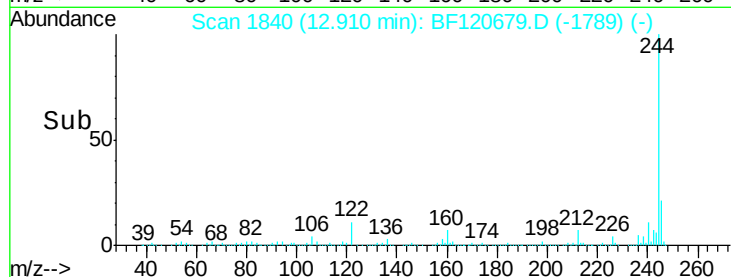
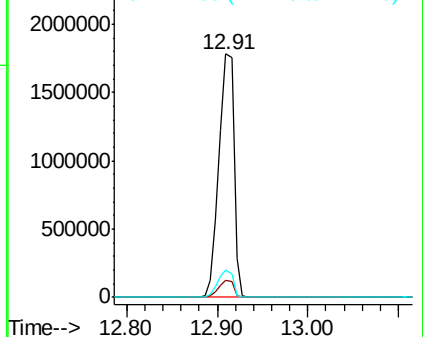
122 11.0 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120679.D

Acq: 22 Jun 2020 16:34

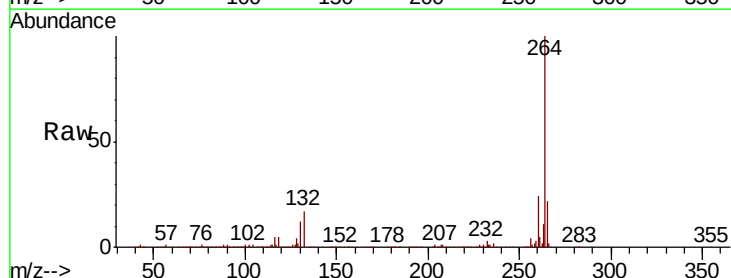
Tgt Ion:264 Resp: 494404

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.8 26.8



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

