

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120685.D
 Acq On : 22 Jun 2020 19:35
 Operator : JU/CG
 Sample : L3082-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: Jun 23 01:34:22 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

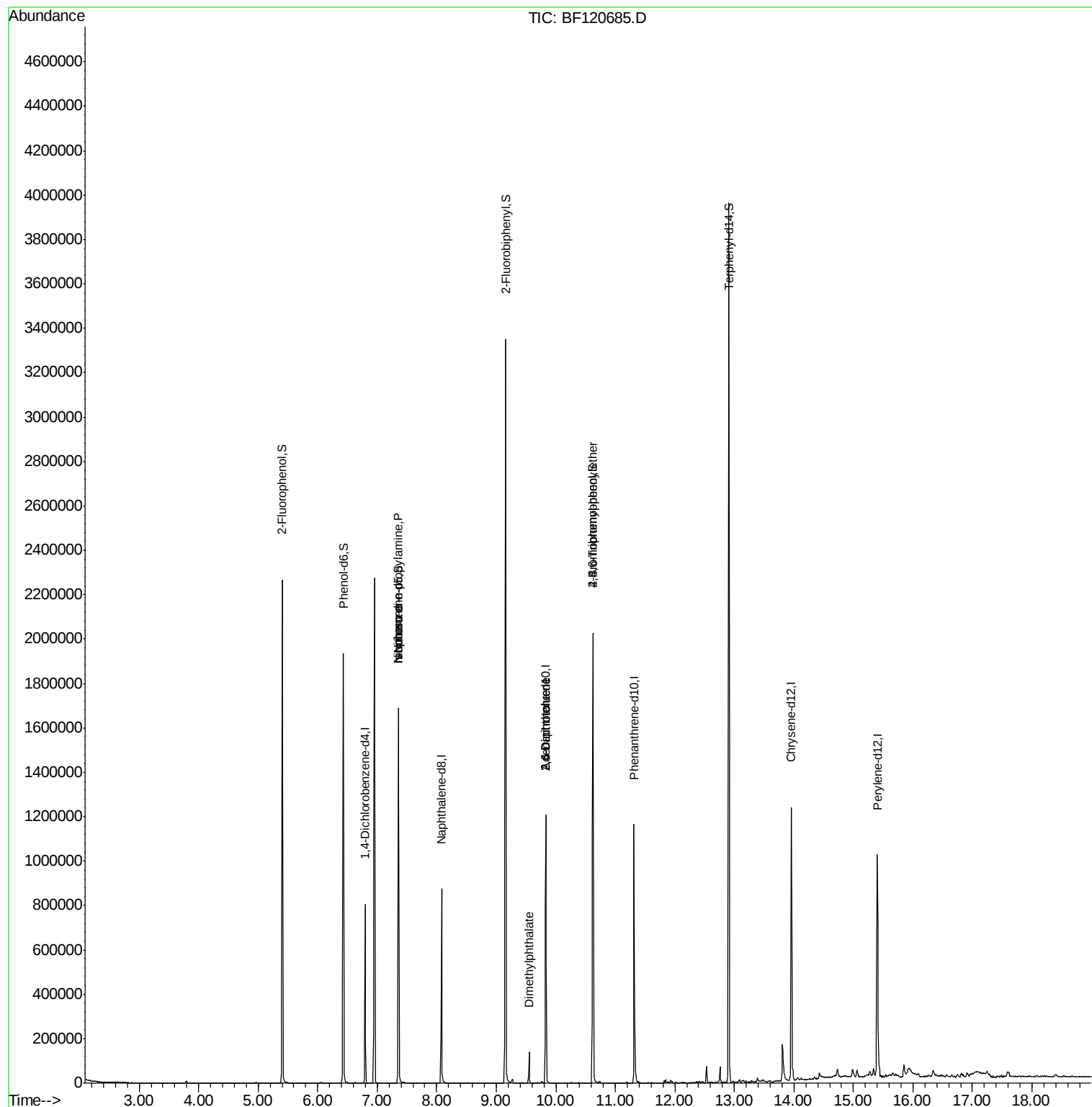
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127690	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	416483	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	236832	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	474502	20.00	ng	0.00
76) Chrysene-d12	13.96	240	454557	20.00	ng	0.00
86) Perylene-d12	15.40	264	487657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	669423	89.88	ng	-0.01
7) Phenol-d6	6.43	99	746212	80.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	559328	75.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	280545	101.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1094817	70.73	ng	0.00
79) Terphenyl-d14	12.91	244	1447461	70.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71828	13.349	ng	# 78
25) Isophorone	7.36	82	555346	38.263	ng	# 62
50) Dimethylphthalate	9.55	163	66998	3.928	ng	98
51) 2,6-Dinitrotoluene	9.83	165	29709	7.686	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	29709	5.792	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	16225	3.013	ng	# 1

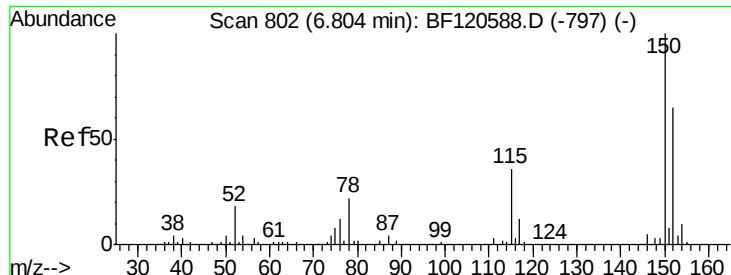
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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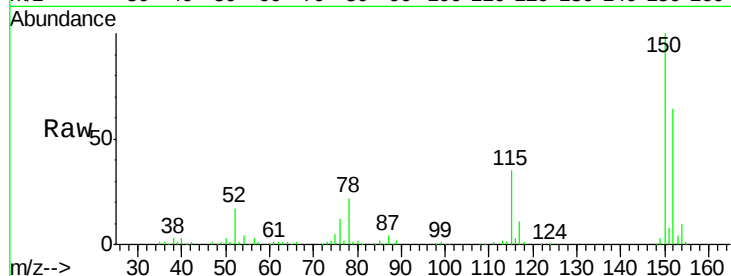


#1

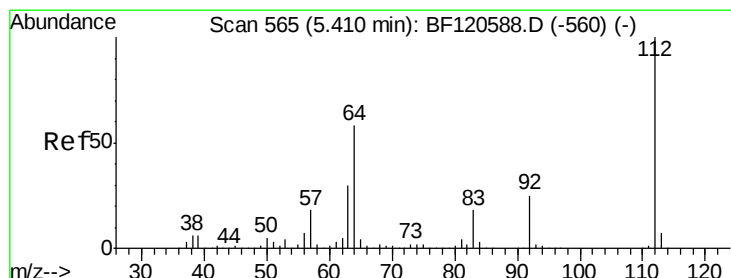
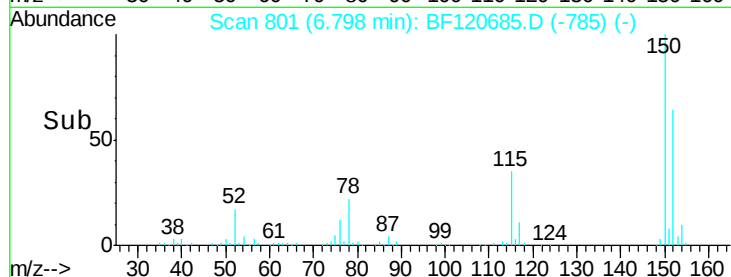
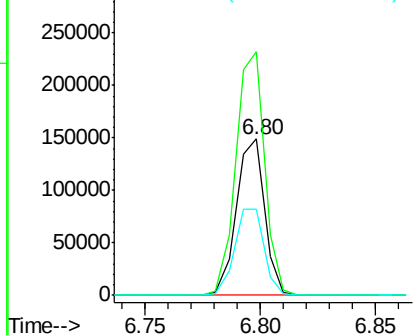
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.2	184.8
115	54.9	43.9	65.9



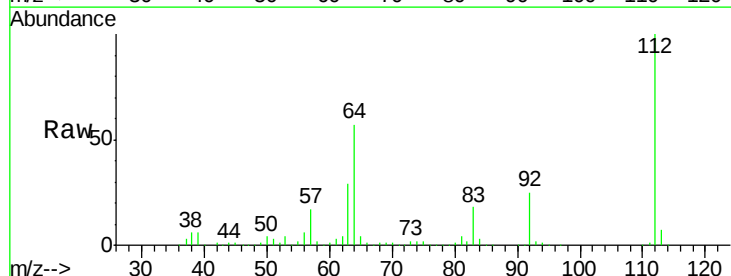
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



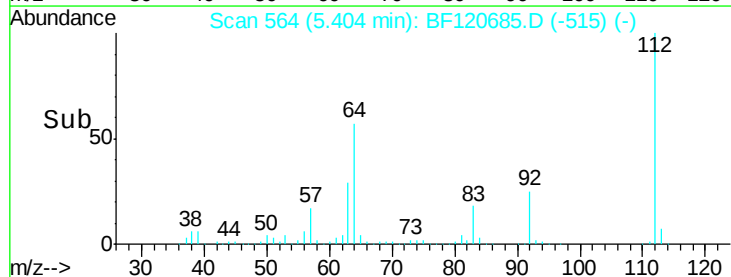
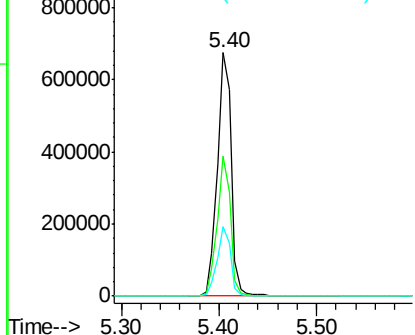
#5

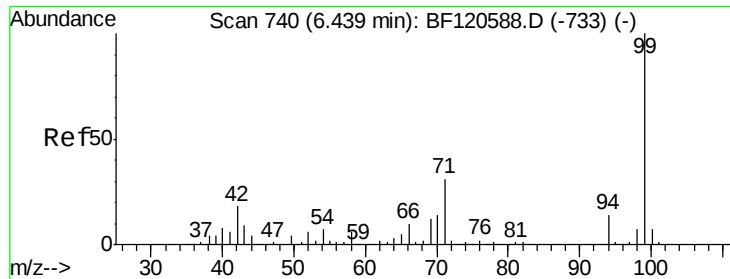
2-Fluorophenol
Concen: 89.881 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	28.8	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: 80.443 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

Instrument :

BNA_F

ClientSampled :

SB-10

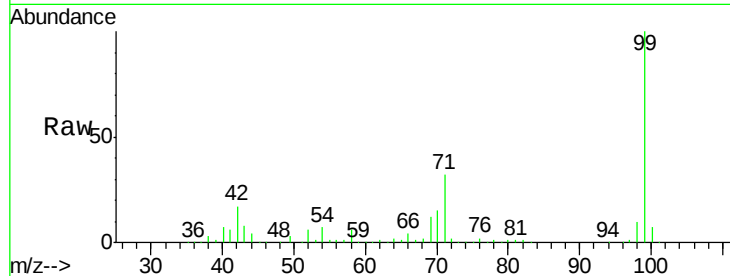
Tot Ion: 99 Resp: 746212

Ion Ratio Lower Upper

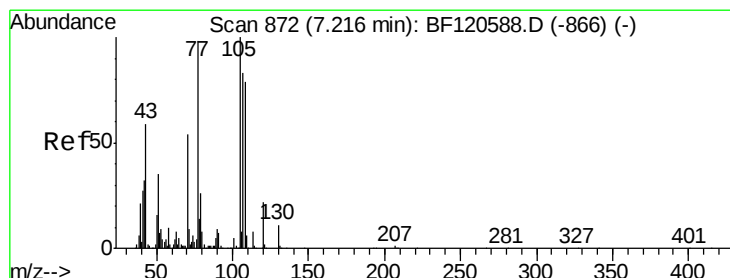
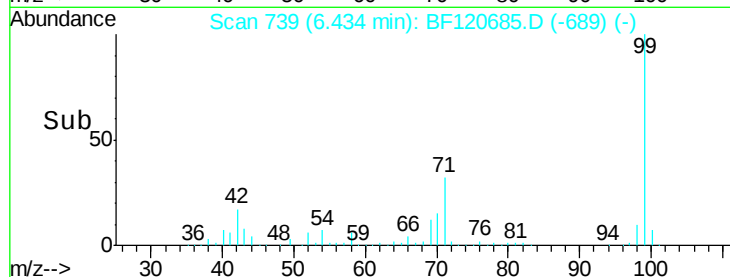
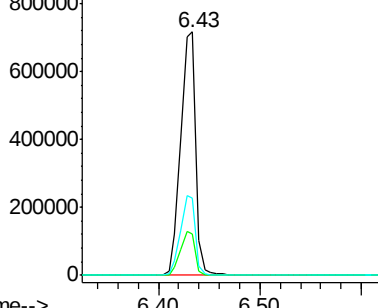
99 100

42 17.0 14.0 21.0

71 31.5 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.349 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

Tgt Ion: 70 Resp: 71828

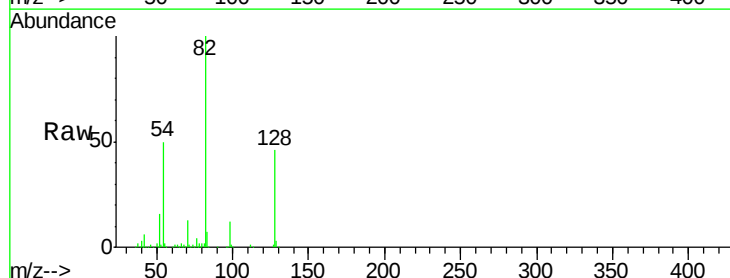
Ion Ratio Lower Upper

70 100

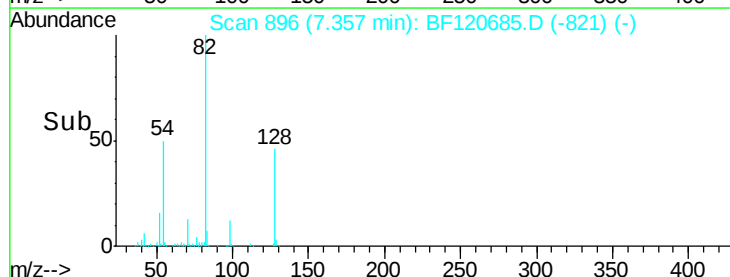
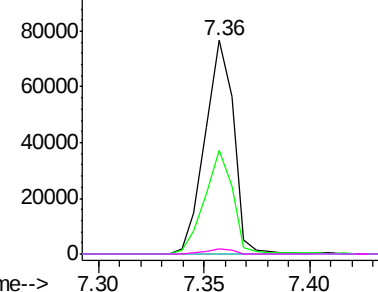
42 48.3 47.7 71.5

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

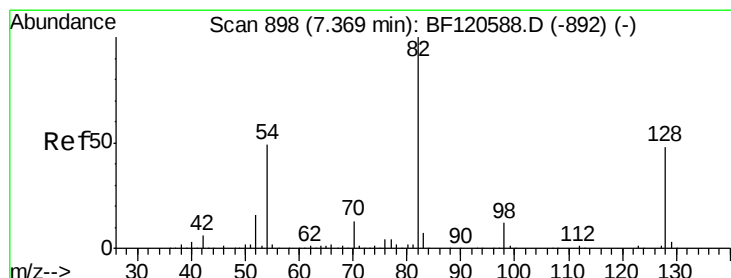
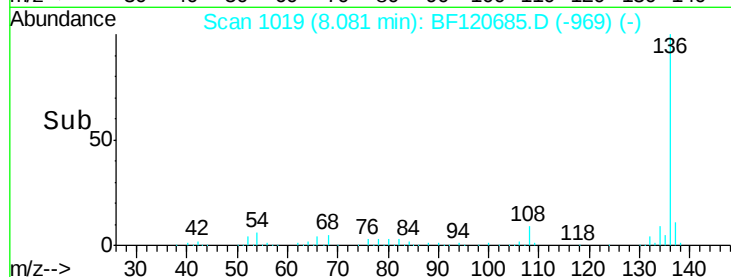
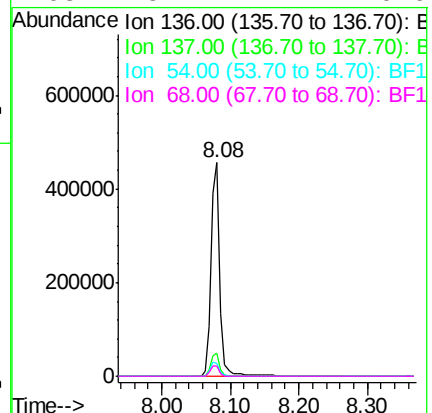
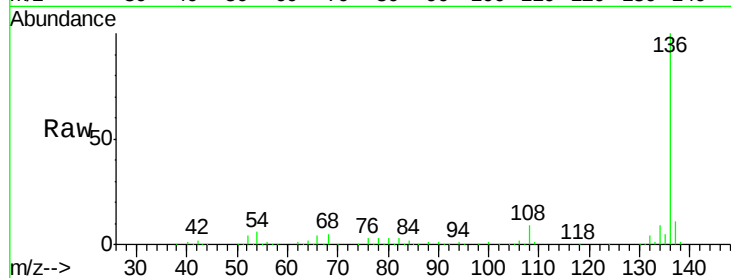




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

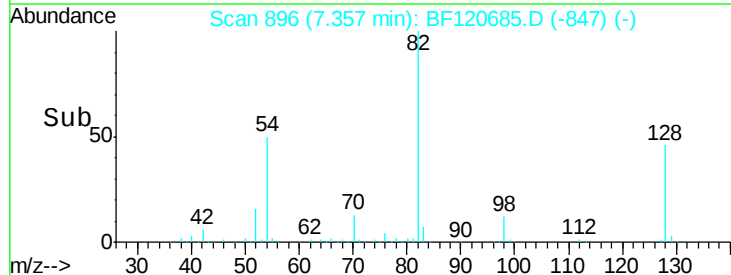
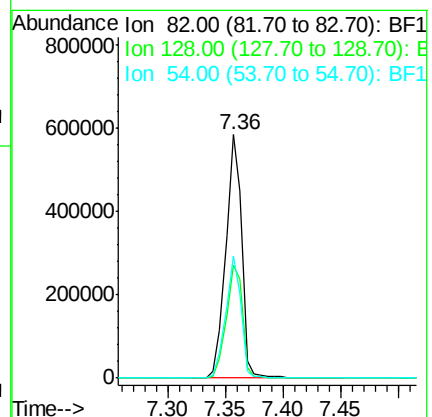
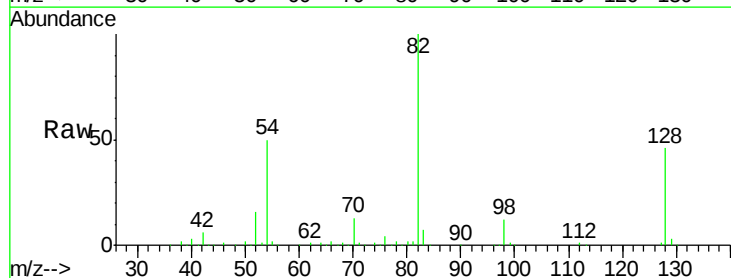
Instrument :
BNA_F
ClientSampleId :
SB-10

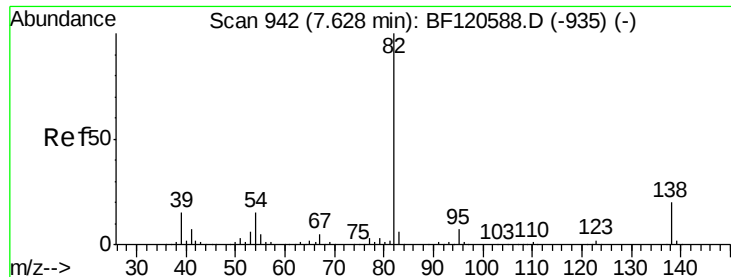
Tot Ion:136 Resp: 416483
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.3 5.8 8.6
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 75.068 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

Tgt Ion: 82 Resp: 559328
Ion Ratio Lower Upper
82 100
128 46.3 38.0 57.0
54 50.0 38.8 58.2





#25

Isophorone

Concen: 38.263 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

Instrument :

BNA_F

ClientSampled :

SB-10

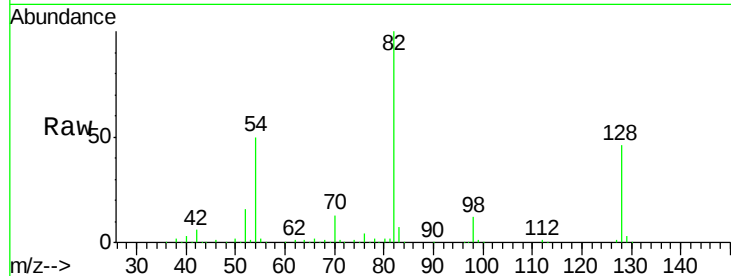
Tot Ion: 82 Resp: 555346

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

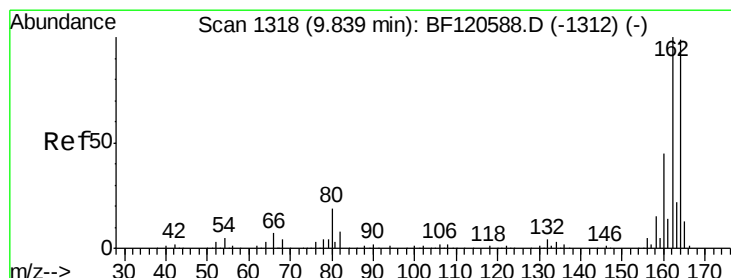
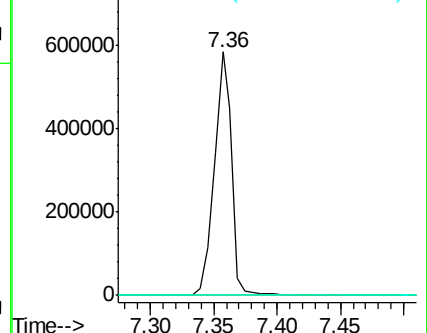
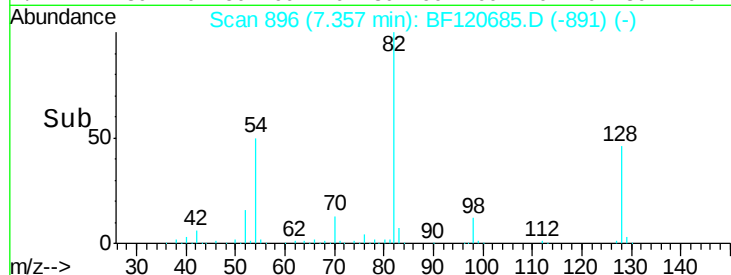
138 0.0 16.2 24.4#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

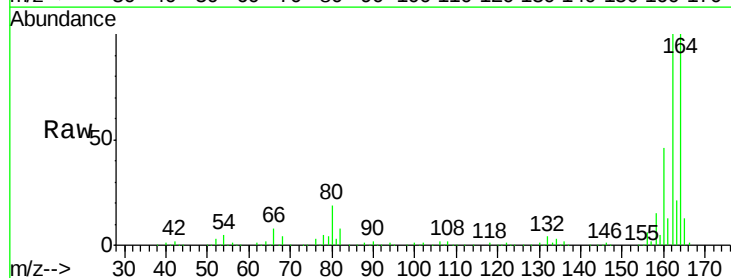
Tgt Ion: 164 Resp: 236832

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

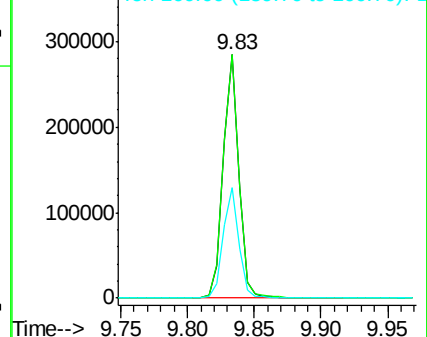
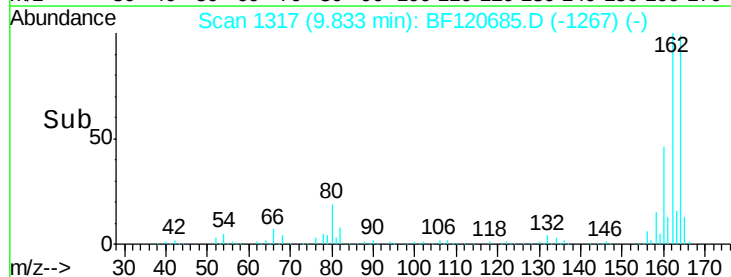
160 45.7 36.2 54.2

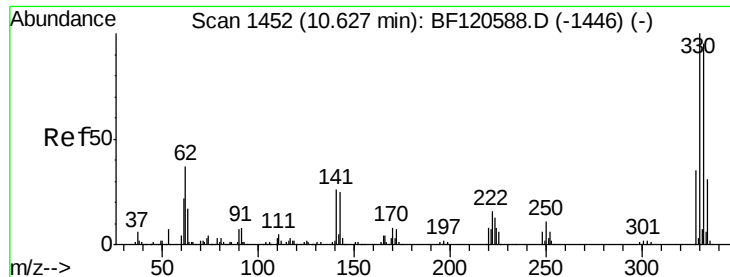


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

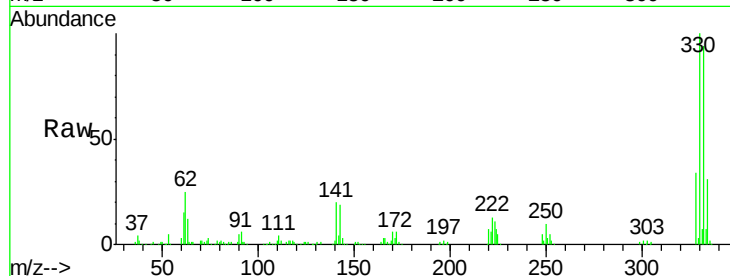




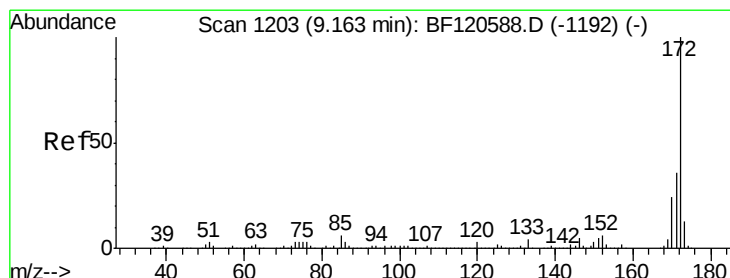
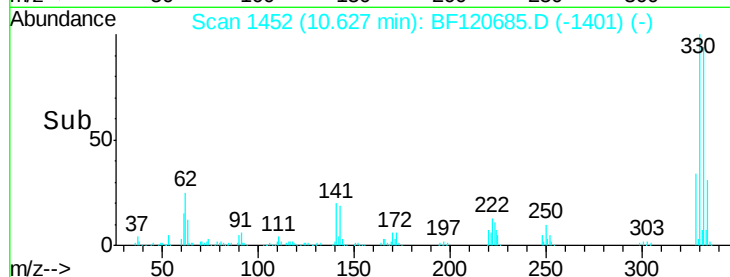
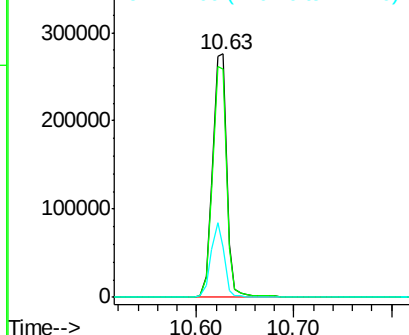
#42
 2,4,6-Tribromophenol
 Concen: 101.887 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120685.D
 Acq: 22 Jun 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	28.3	23.2	34.8

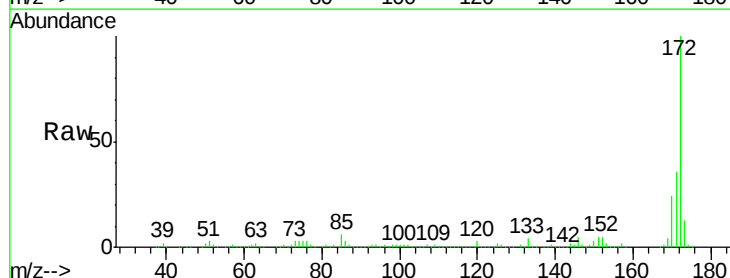


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

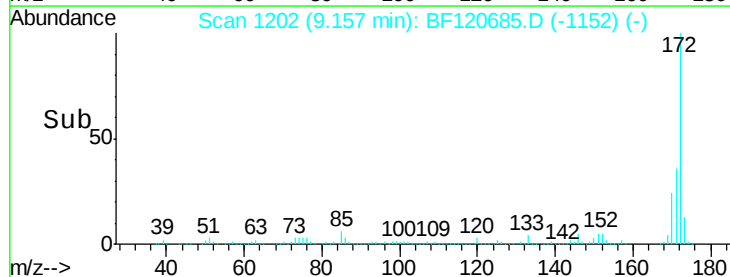
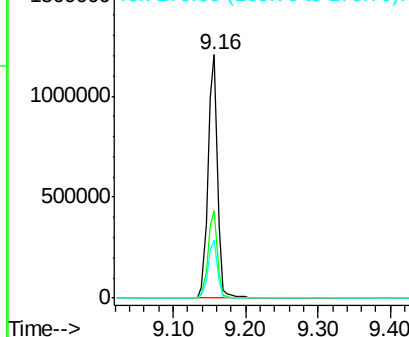


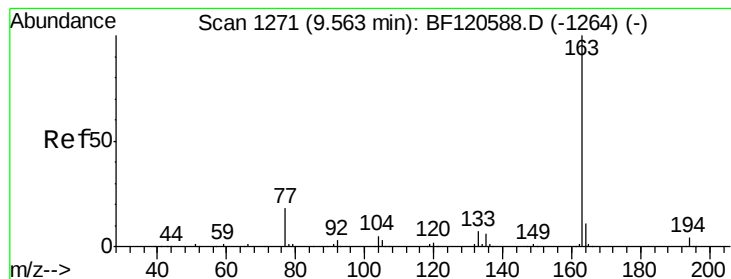
#45
 2-Fluorobiphenyl
 Concen: 70.728 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120685.D
 Acq: 22 Jun 2020 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.7	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: 3.928 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SB-10

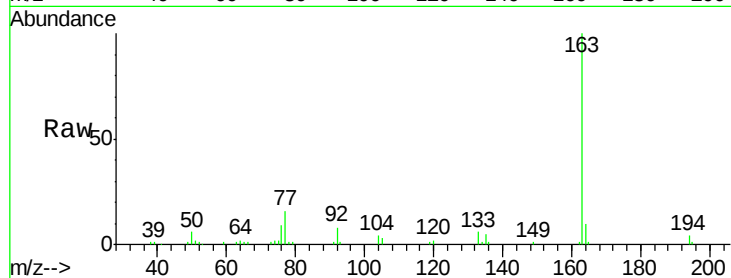
Tot Ion:163 Resp: 66998

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

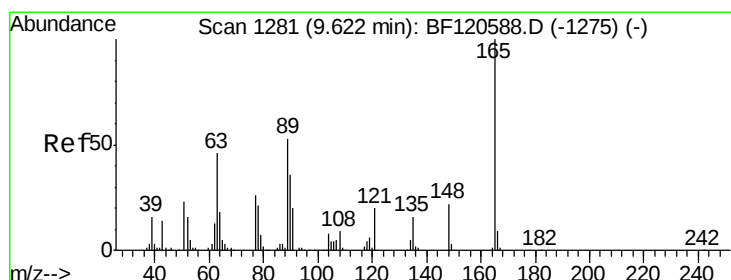
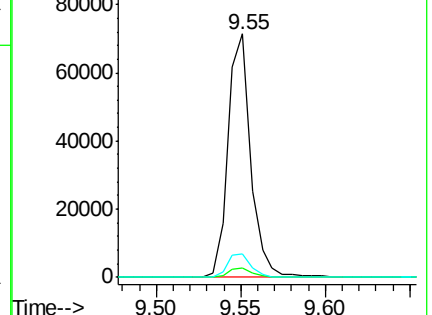
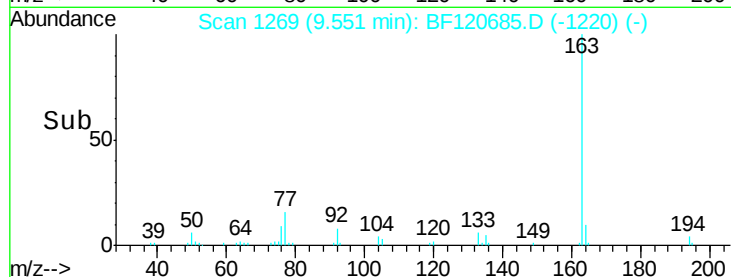
164 9.5 8.5 12.7



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: 7.686 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

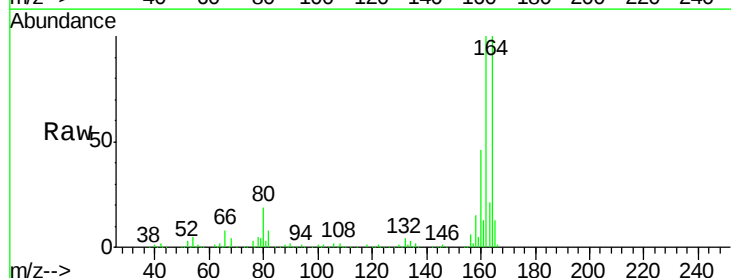
Tgt Ion:165 Resp: 29709

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

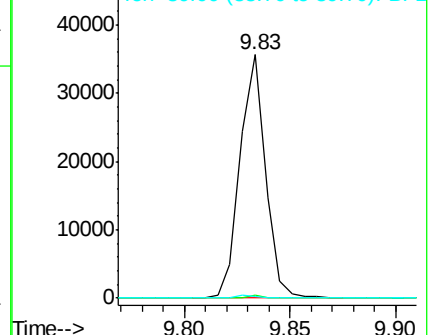
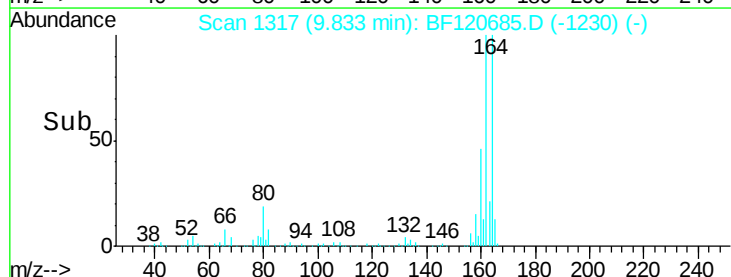
89 0.9 42.6 64.0#

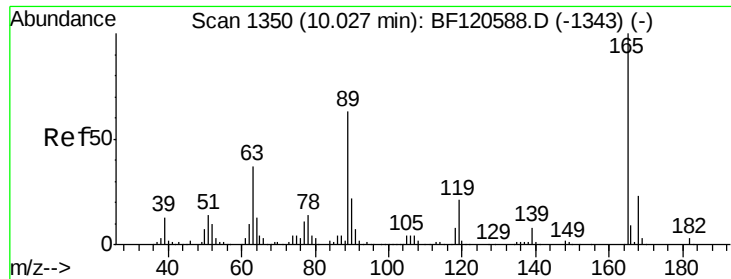


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

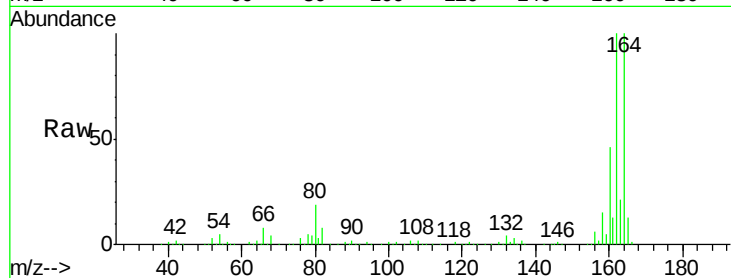




#57
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120685.D
 Acq: 22 Jun 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion:165	Resp:	29709
Ion Ratio	Lower	Upper
165	100	
63	1.2	29.8 44.8#
89	0.9	50.4 75.6#
182	0.0	2.1 3.1#

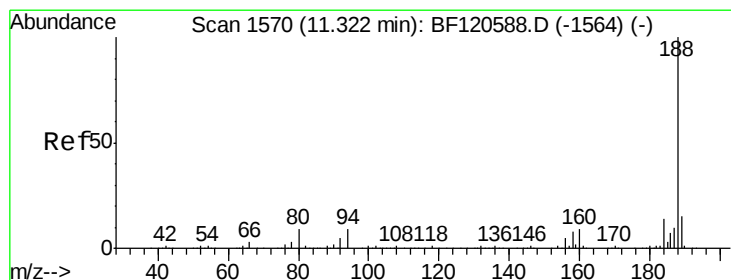
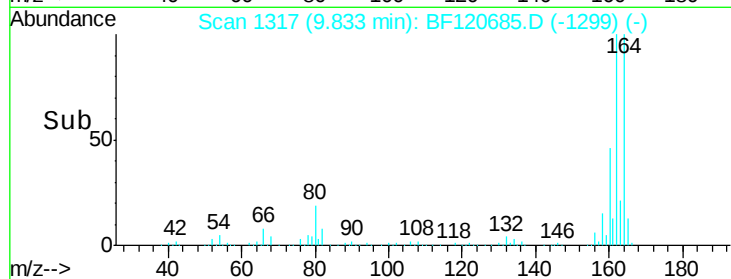
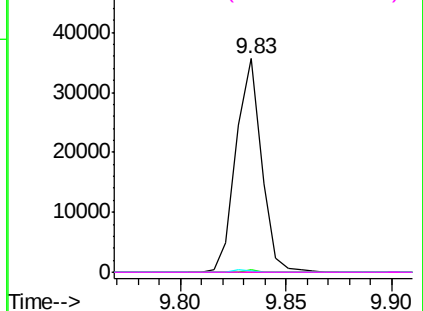


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

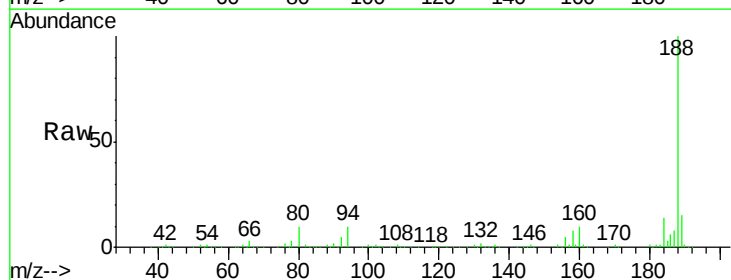
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120685.D
 Acq: 22 Jun 2020 19:35

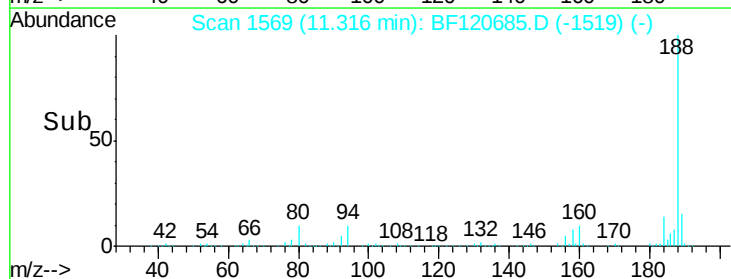
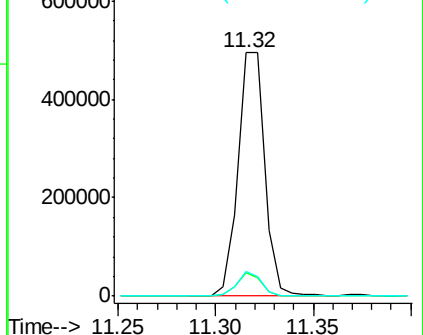
Tgt Ion:188	Resp:	474502
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.2 10.8
80	10.3	7.4 11.2

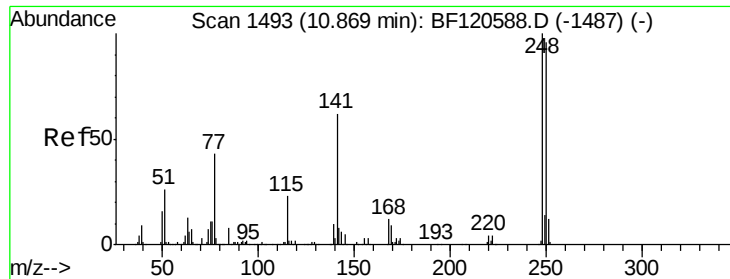


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

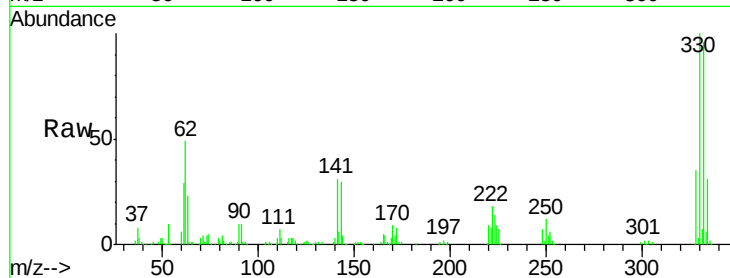




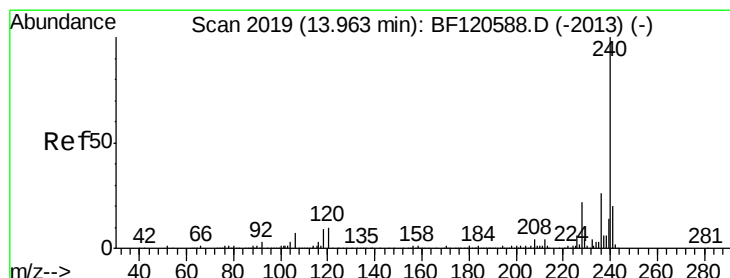
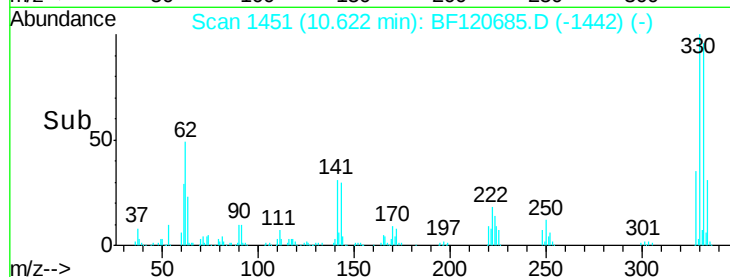
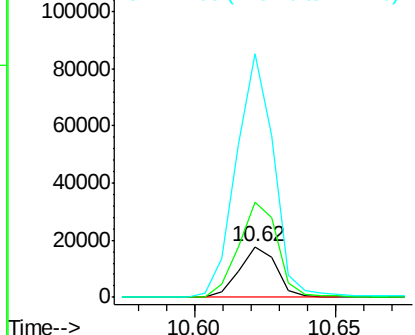
#67
4-Bromophenyl-phenylether
Concen: 3.013 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

Instrument :
BNA_F
ClientSampled :
SB-10

Tot Ion:248 Resp: 16225
Ion Ratio Lower Upper
248 100
250 188.6 76.7 115.1#
141 479.7 49.4 74.0#

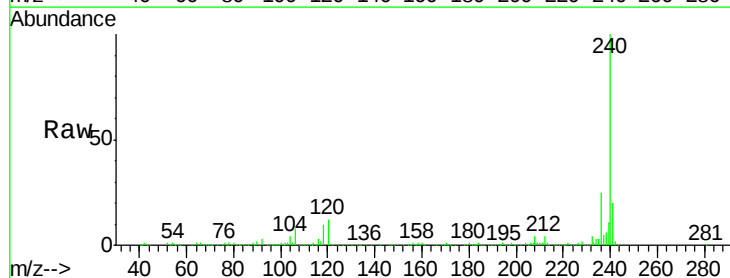


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

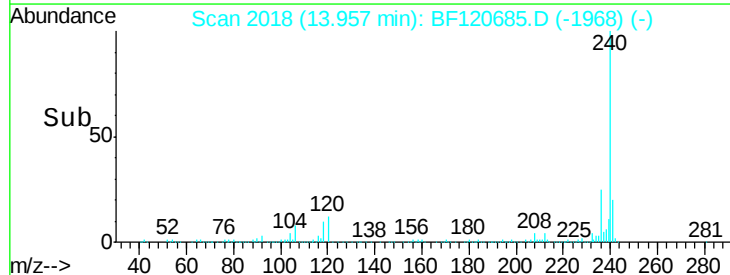
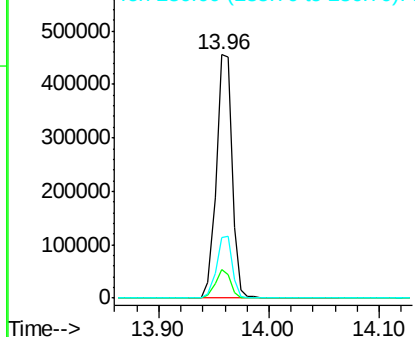


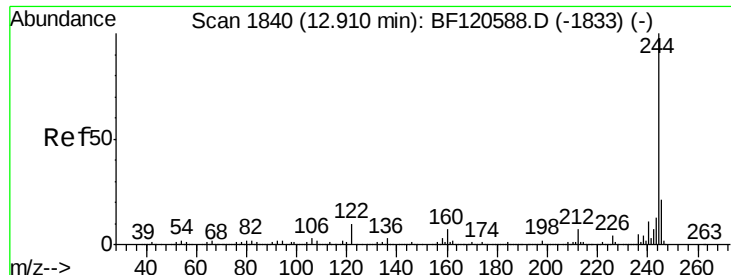
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120685.D
Acq: 22 Jun 2020 19:35

Tgt Ion:240 Resp: 454557
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.1 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: 70.338 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120685.D

Acq: 22 Jun 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SB-10

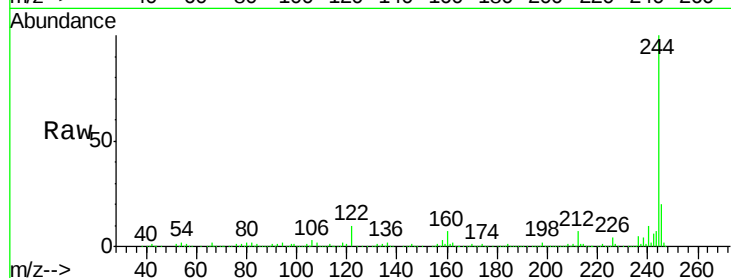
Tot Ion:244 Resp: 1447461

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.5	8.3	12.5

244 100

212 6.6 5.7 8.5

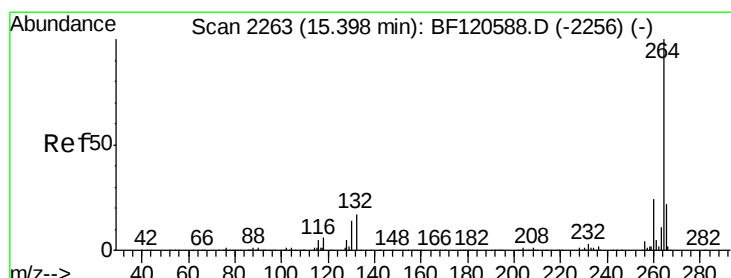
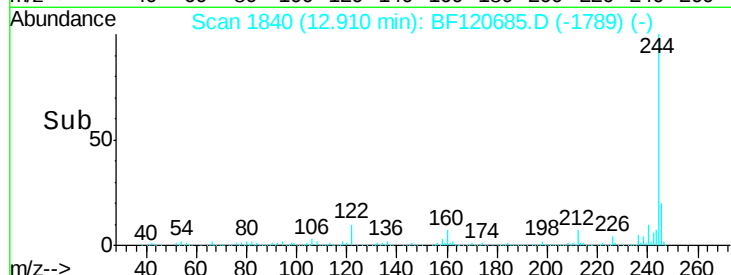
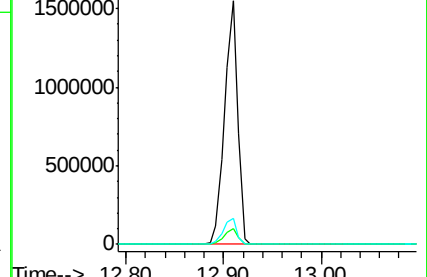
122 10.5 8.3 12.5



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: BF120685.D

Acq: 22 Jun 2020 19:35

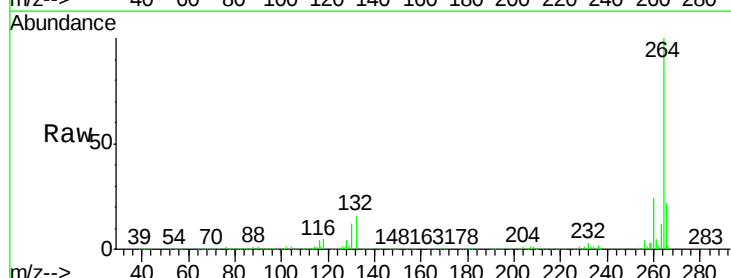
Tgt Ion:264 Resp: 487657

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.0	17.8	26.8

264 100

260 24.0 19.3 28.9

265 22.0 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

