

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120680.D
 Acq On : 22 Jun 2020 17:04
 Operator : JU/CG
 Sample : L3082-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Jun 22 17:47:55 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

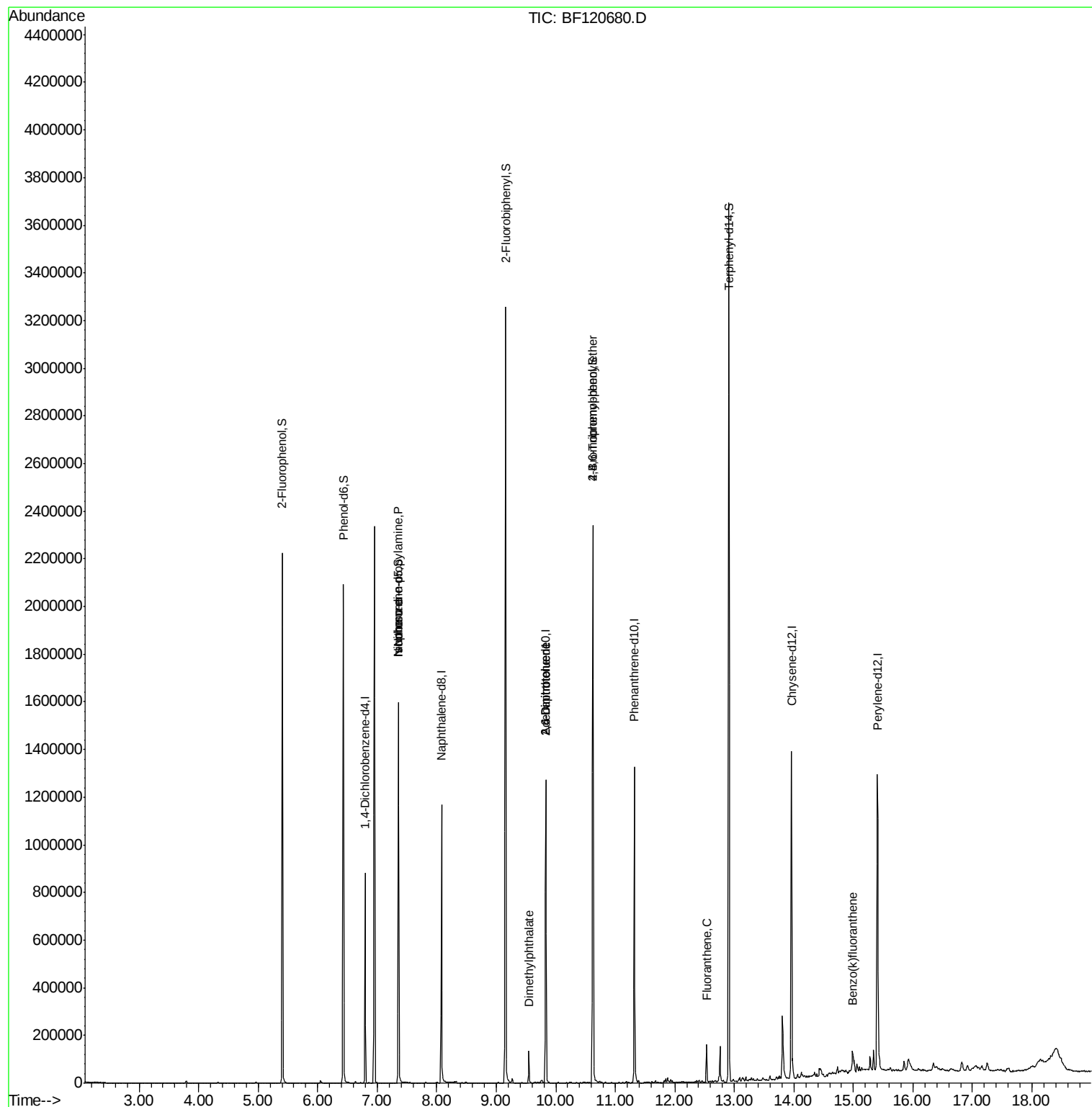
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135567	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	556274	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	251505	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	514598	20.00	ng	0.00
76) Chrysene-d12	13.96	240	503947	20.00	ng	0.00
86) Perylene-d12	15.40	264	574888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	642842	81.30	ng	-0.01
7) Phenol-d6	6.43	99	774883	78.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	519758	52.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	313599	107.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1073932	65.33	ng	0.00
79) Terphenyl-d14	12.91	244	1382174	60.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	67474	11.811	ng	# 76
25) Isophorone	7.36	82	516817	26.660	ng	# 62
50) Dimethylphthalate	9.55	163	57857	3.194	ng	99
51) 2,6-Dinitrotoluene	9.83	165	31566	7.690	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	31566	5.795	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	17913	3.067	ng	# 1
75) Fluoranthene	12.53	202	61987	2.119	ng	96
89) Benzo(k)fluoranthene	14.99	252	64747	2.137	ng	98

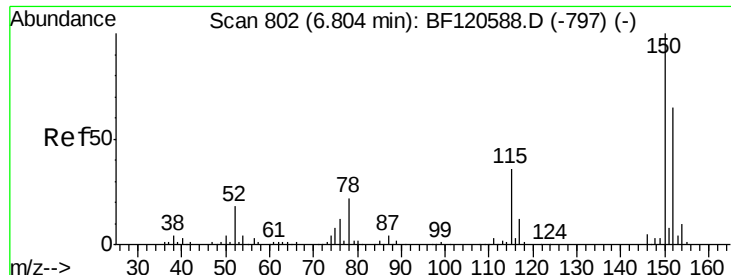
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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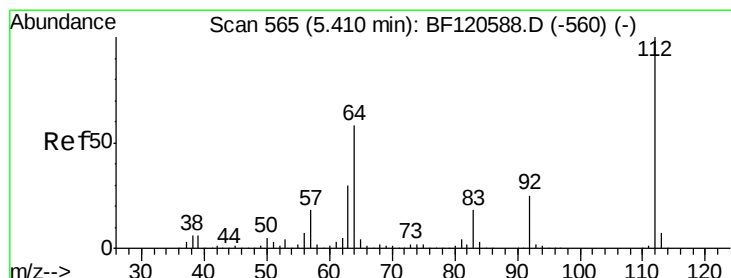
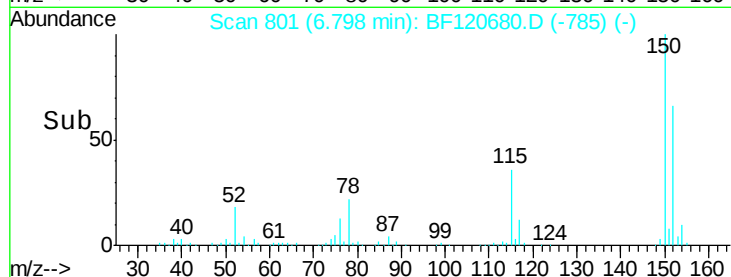
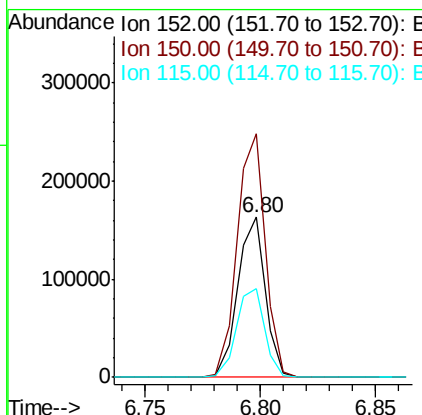
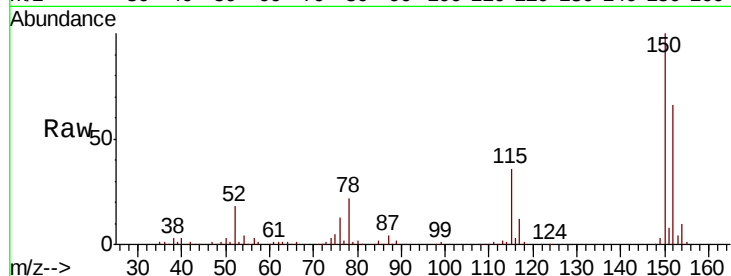




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

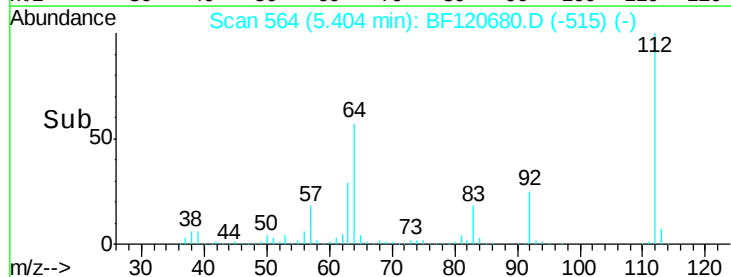
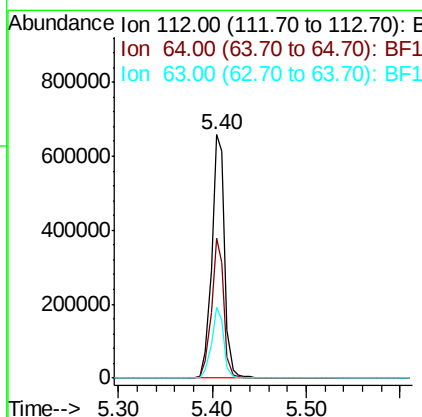
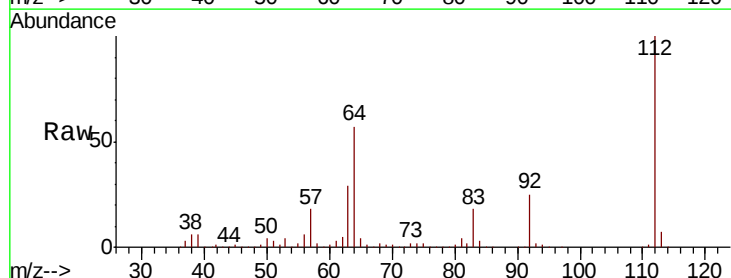
Instrument :
 BNA_F
 ClientSampleId :
 SB-7

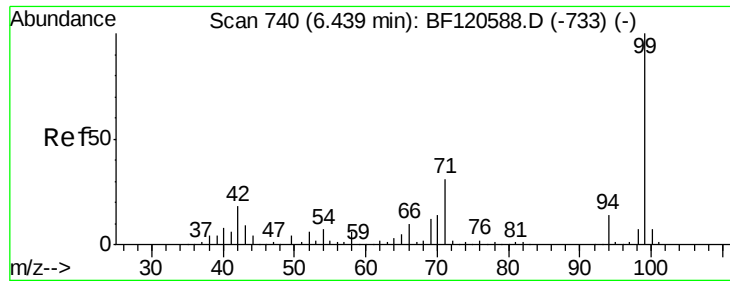
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.2	184.8
115	55.4	43.9	65.9



#5
 2-Fluorophenol
 Concen: 81.297 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.1	69.1
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 78.680 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120680.D

Acq: 22 Jun 2020 17:04

Instrument :

BNA_F

ClientSampleId :

SB-7

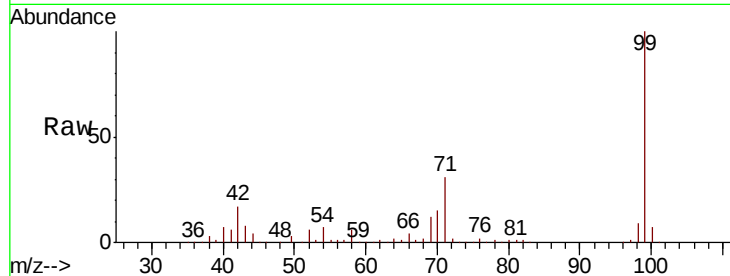
Tot Ion: 99 Resp: 774883

Ion Ratio Lower Upper

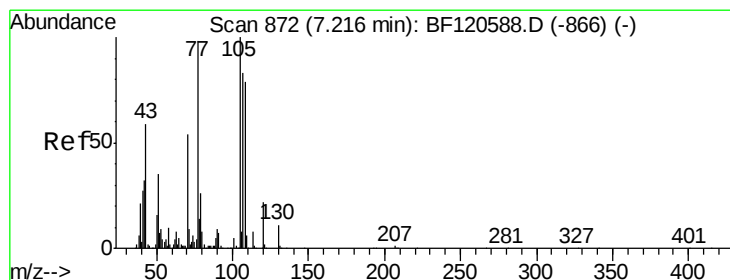
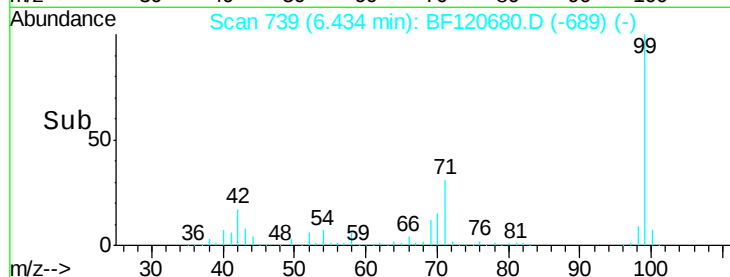
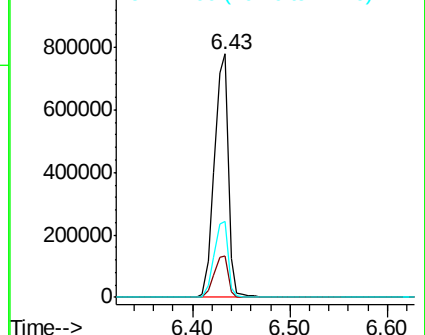
99 100

42 16.8 14.0 21.0

71 31.1 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: 11.811 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120680.D

Acq: 22 Jun 2020 17:04

Tgt Ion: 70 Resp: 67474

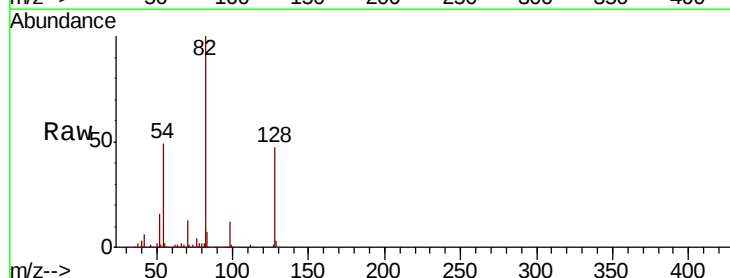
Ion Ratio Lower Upper

70 100

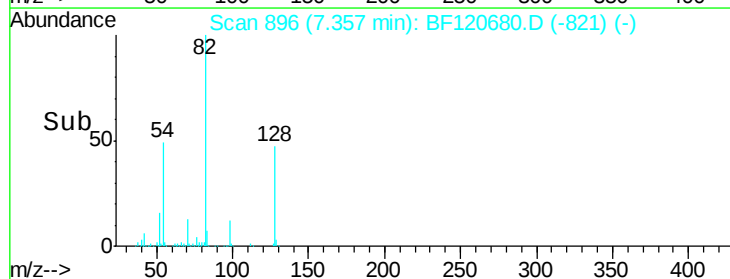
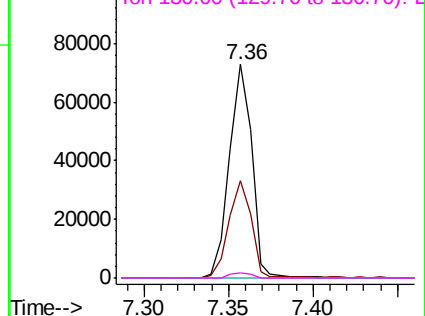
42 45.7 47.7 71.5#

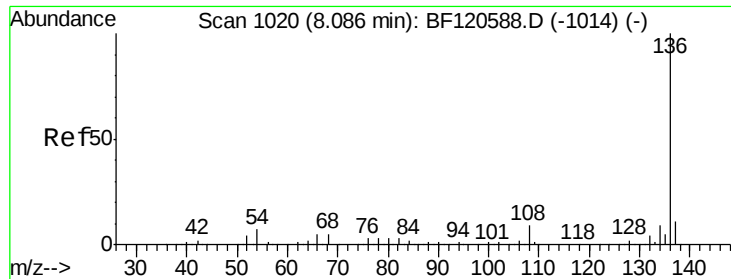
101 0.0 7.6 11.4#

130 2.4 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

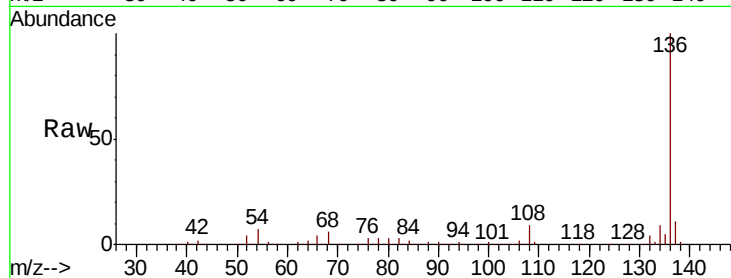




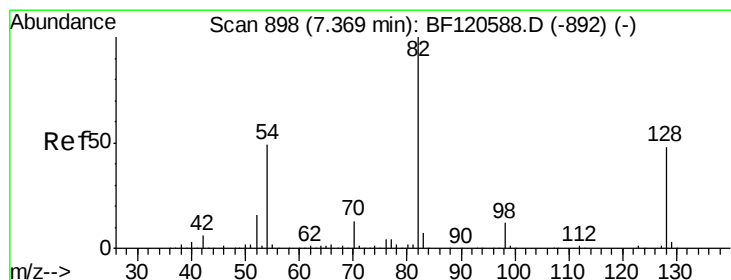
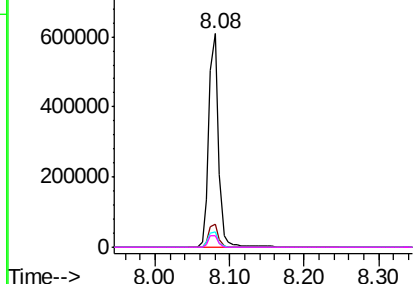
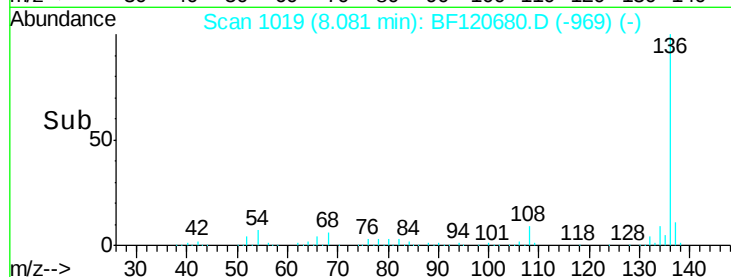
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tot Ion:136 Resp: 556274
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.6
68 5.5 4.4 6.6

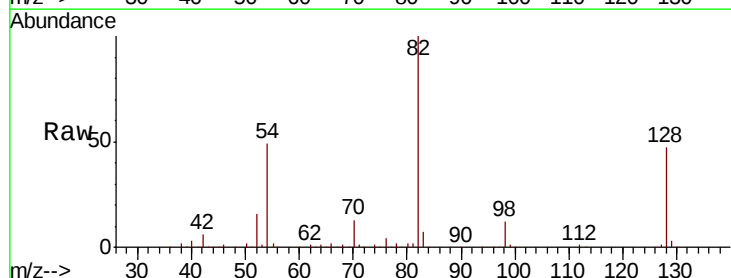


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

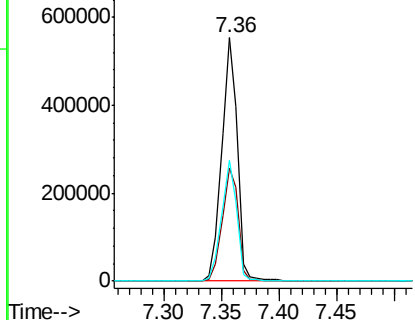
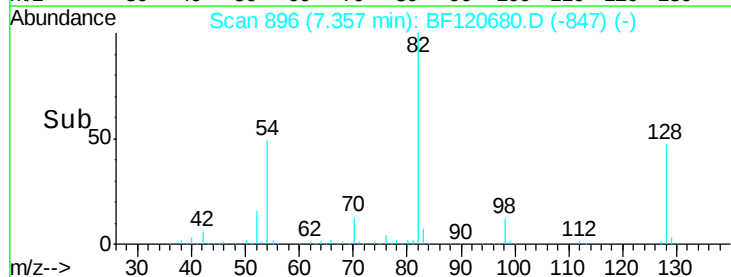


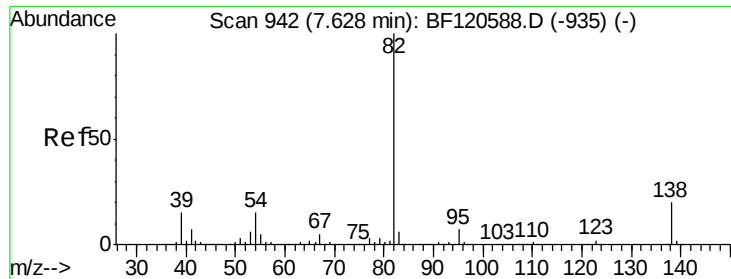
#23
Nitrobenzene-d5
Concen: 52.227 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Tgt Ion: 82 Resp: 519758
Ion Ratio Lower Upper
82 100
128 46.6 38.0 57.0
54 49.3 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

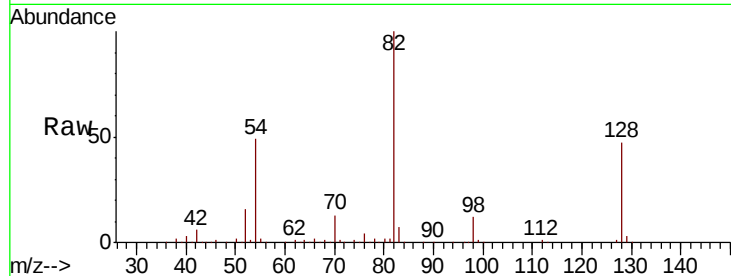




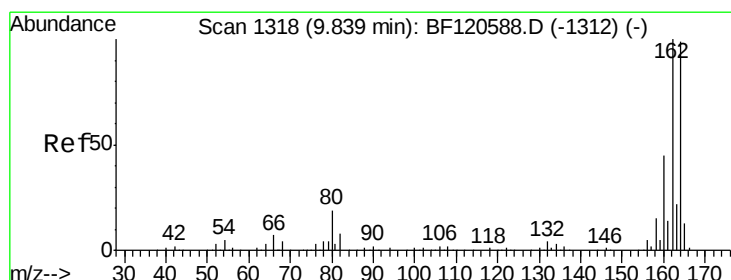
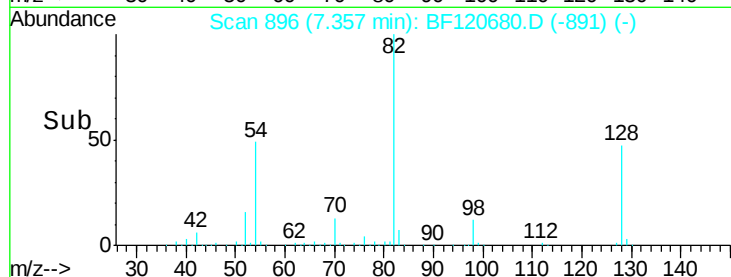
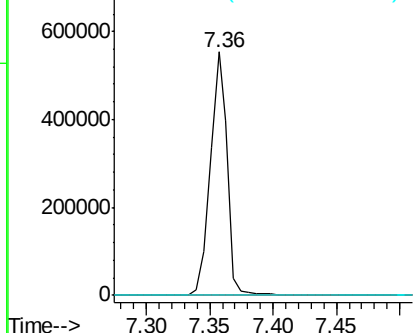
#25
Isophorone
Concen: 26.660 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tot Ion: 82 Resp: 516817
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#

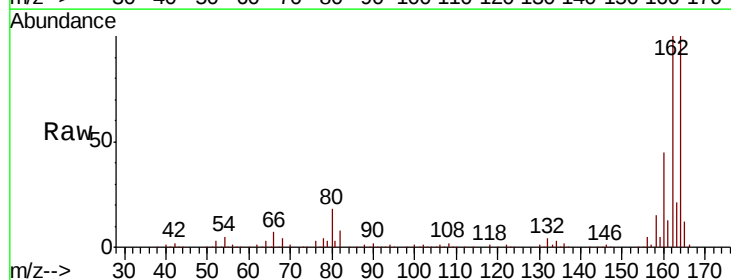


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

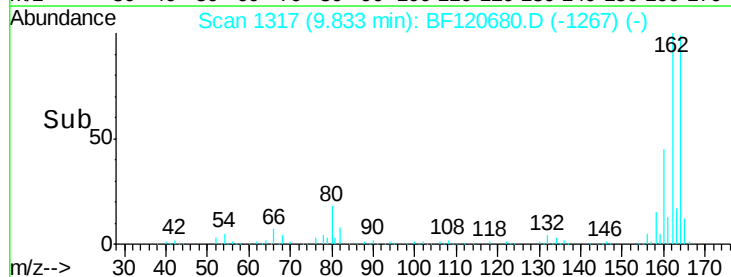
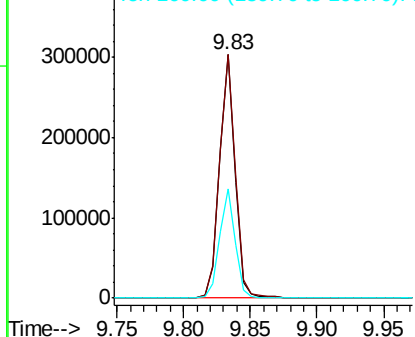


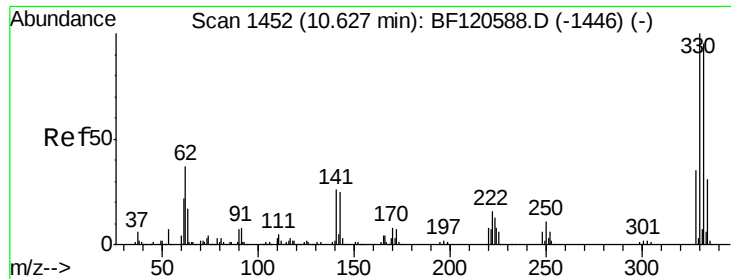
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Tgt Ion: 164 Resp: 251505
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.6 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

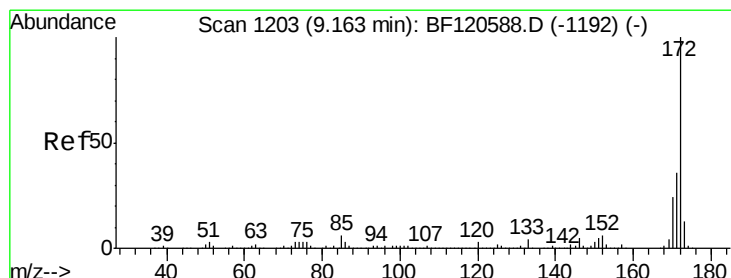
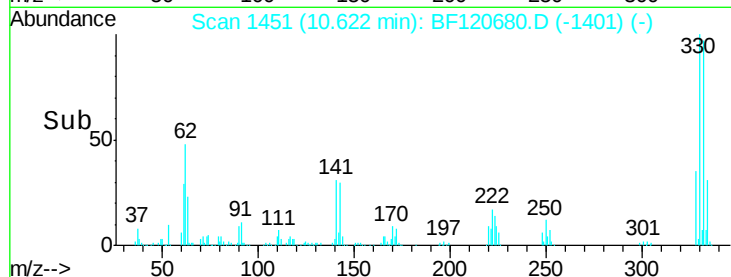
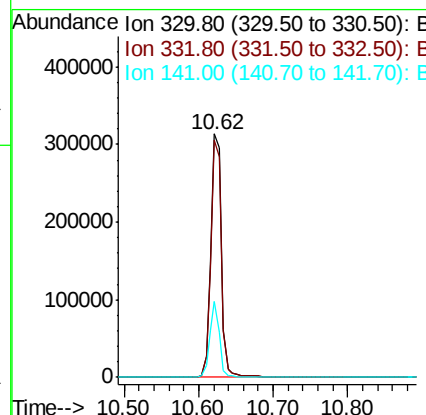
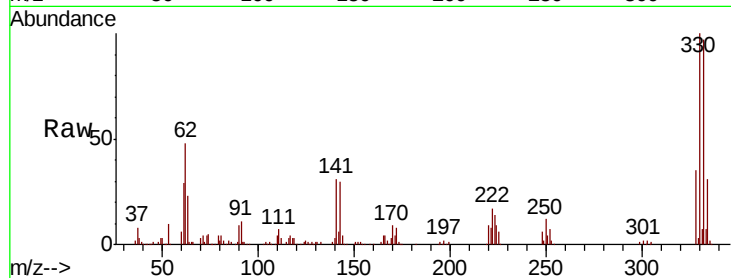




#42
 2,4,6-Tribromophenol
 Concen: 107.246 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

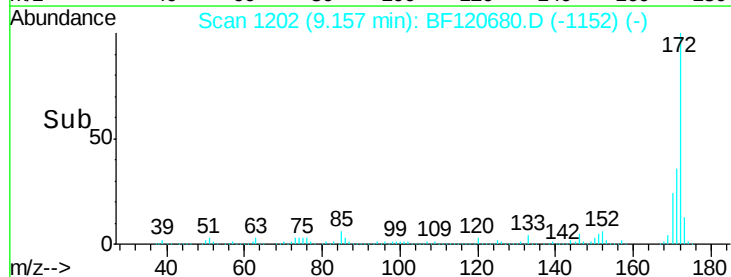
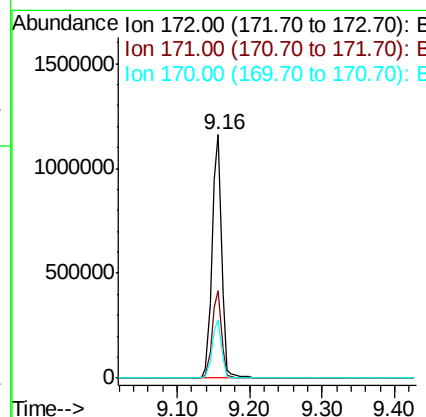
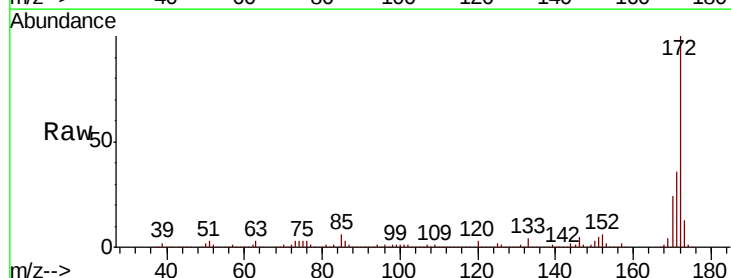
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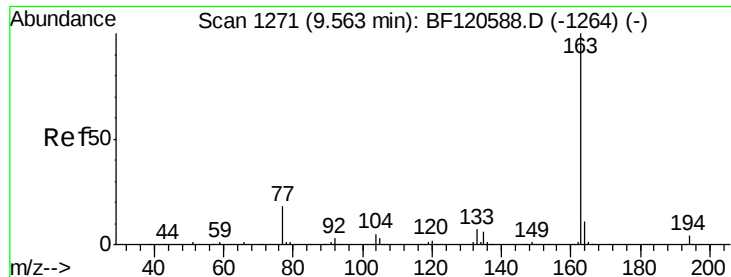
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	28.3	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 65.331 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.0	19.4	29.2





#50

Dimethylphthalate

Concen: 3.194 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120680.D

Acq: 22 Jun 2020 17:04

Instrument :

BNA_F

ClientSampleId :

SB-7

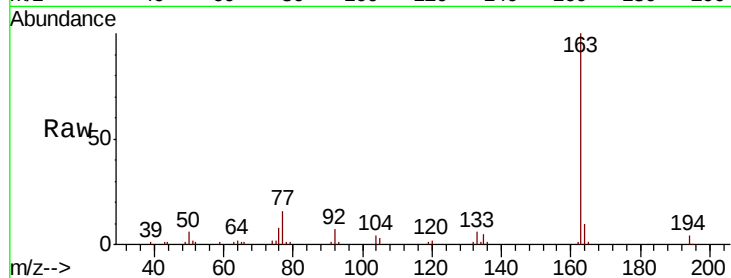
Tot Ion:163 Resp: 57857

Ion Ratio Lower Upper

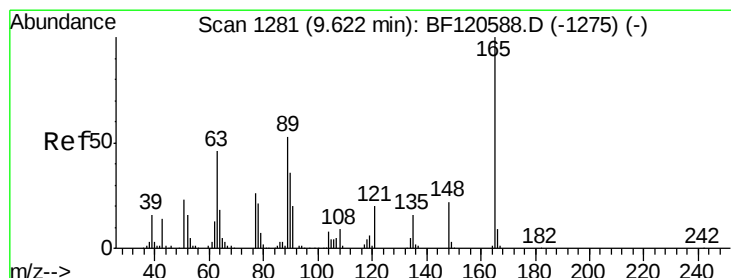
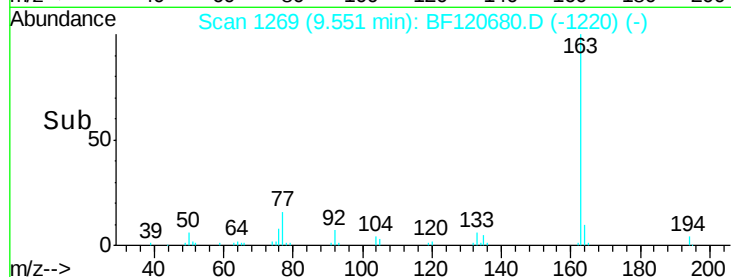
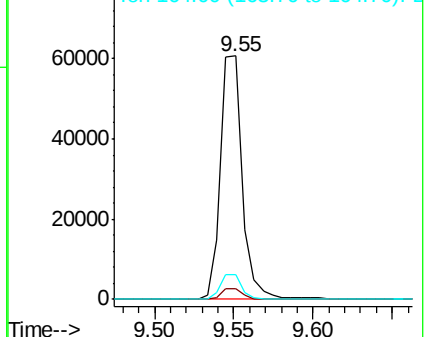
163 100

194 4.1 3.1 4.7

164 10.0 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: 7.690 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120680.D

Acq: 22 Jun 2020 17:04

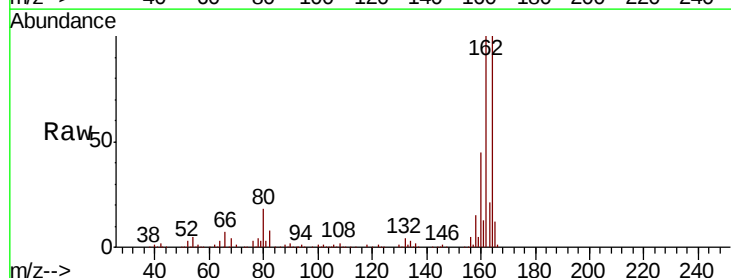
Tgt Ion:165 Resp: 31566

Ion Ratio Lower Upper

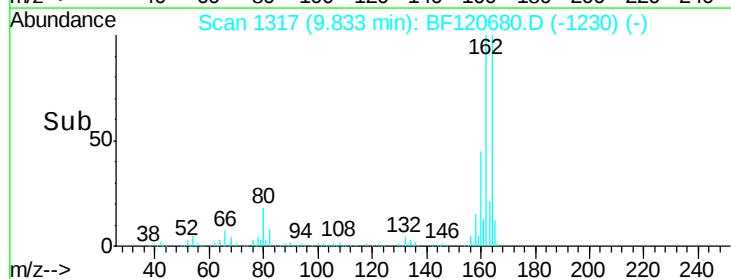
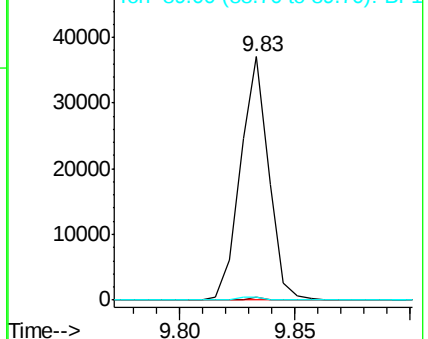
165 100

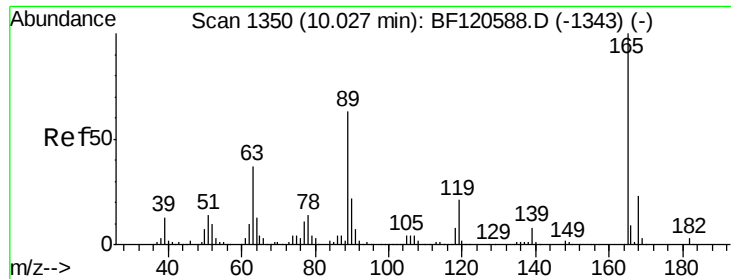
63 1.0 41.7 62.5#

89 1.4 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

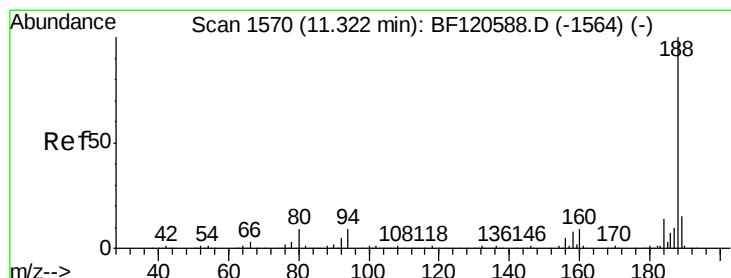
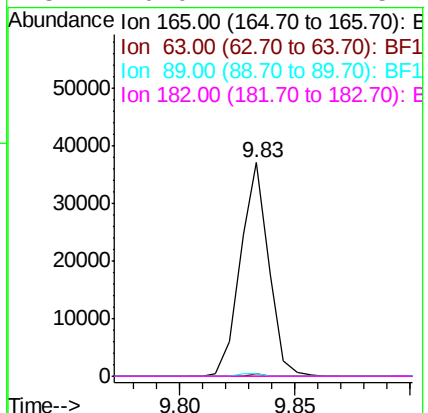
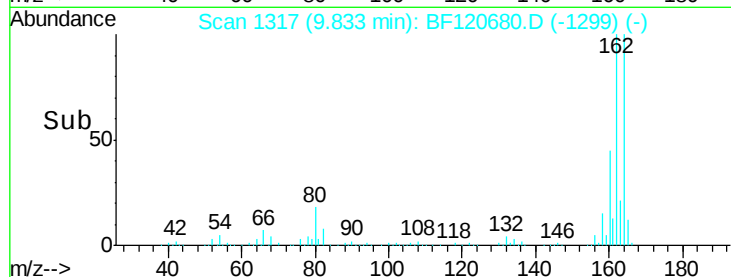
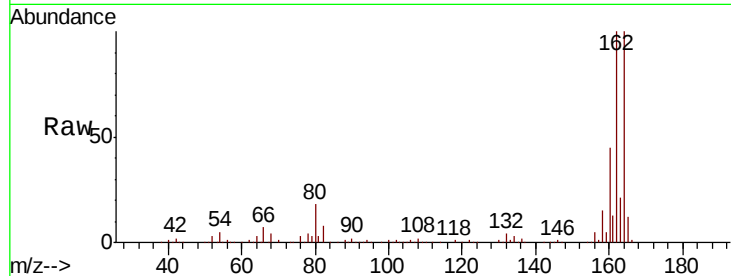




#57
 2,4-Dinitrotoluene
 Concen: 5.795 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

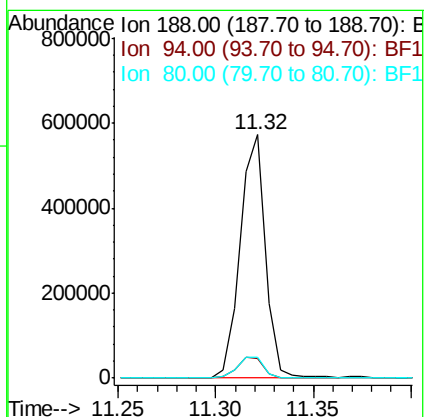
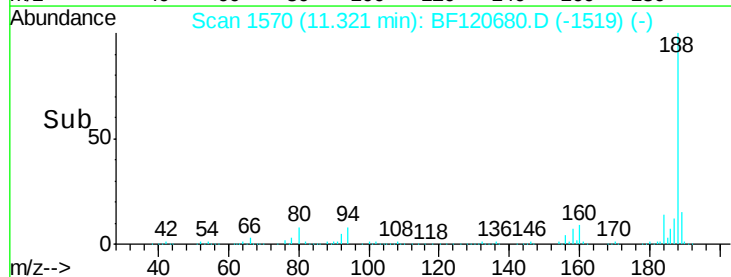
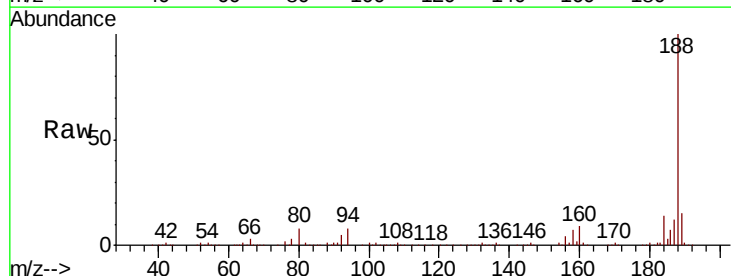
Instrument :
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 ClientSampleId :
 SB-7

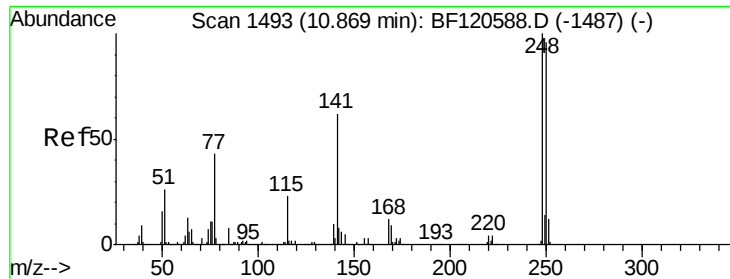
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.4	50.4	75.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120680.D
 Acq: 22 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.5	7.4	11.2

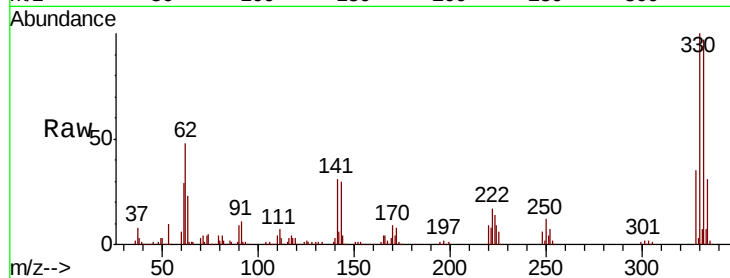




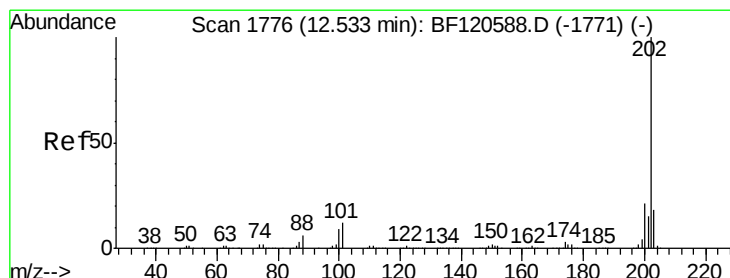
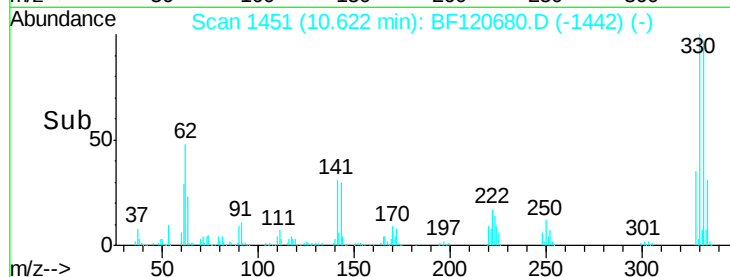
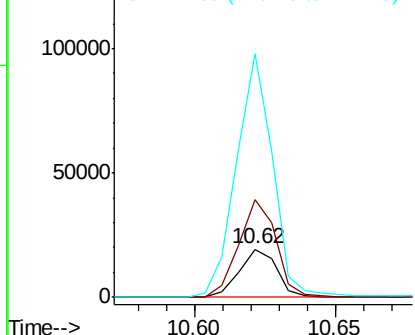
#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Instrument :
BNA_F
ClientSampled :
SB-7

Tot Ion:248 Resp: 17913
Ion Ratio Lower Upper
248 100
250 201.6 76.7 115.1#
141 503.5 49.4 74.0#

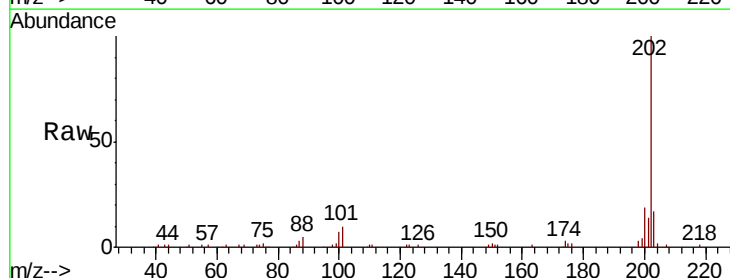


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

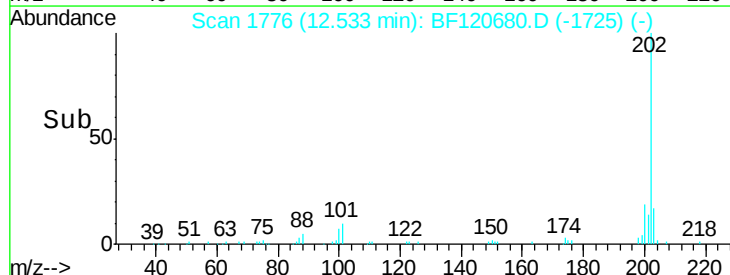
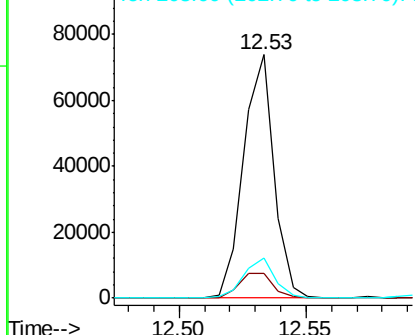


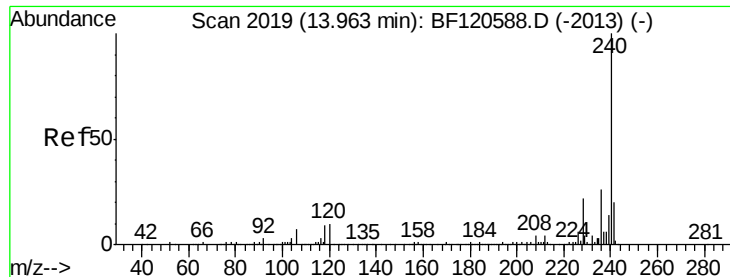
#75
Fluoranthene
Concen: 2.119 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Tgt Ion:202 Resp: 61987
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.0
203 16.5 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

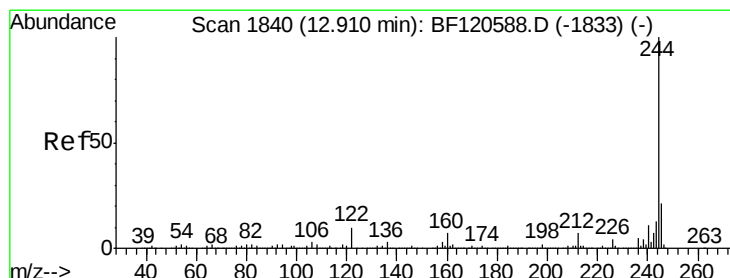
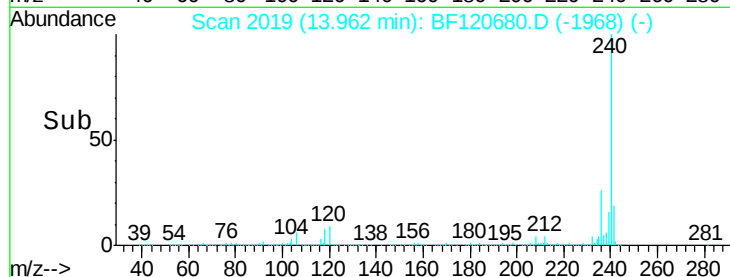
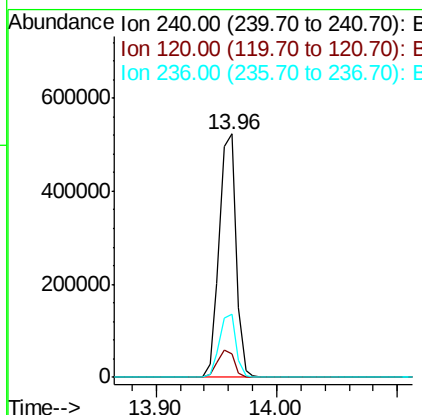
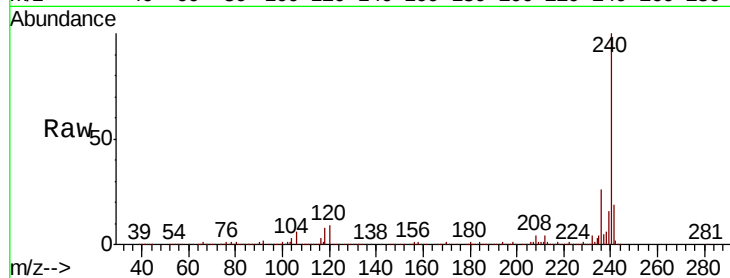




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

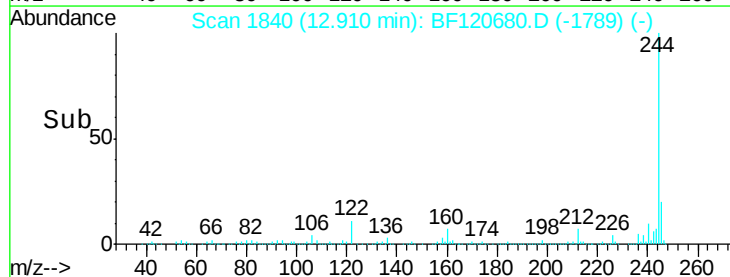
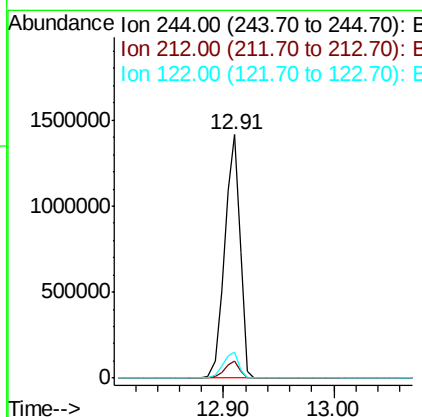
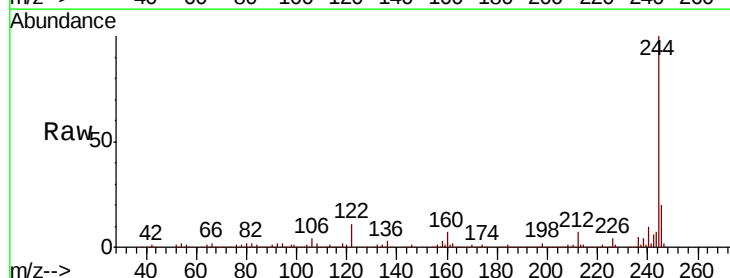
Instrument :
BNA_F
ClientSampleId :
SB-7

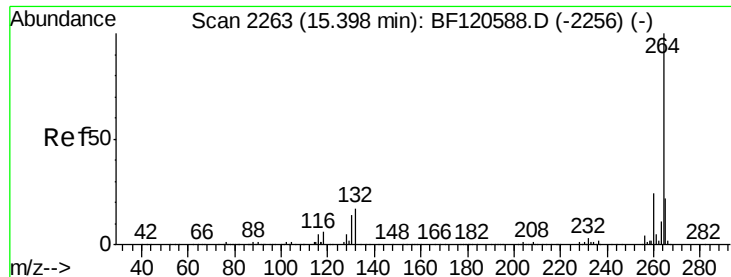
Tot Ion:240 Resp: 503947
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 60.583 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Tgt Ion:244 Resp: 1382174
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.9 8.3 12.5



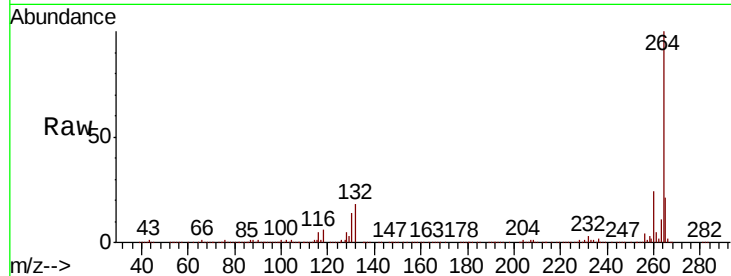


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

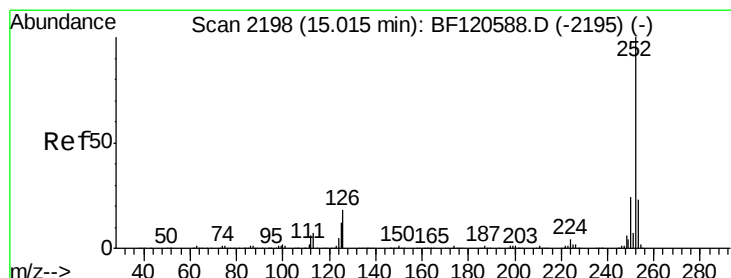
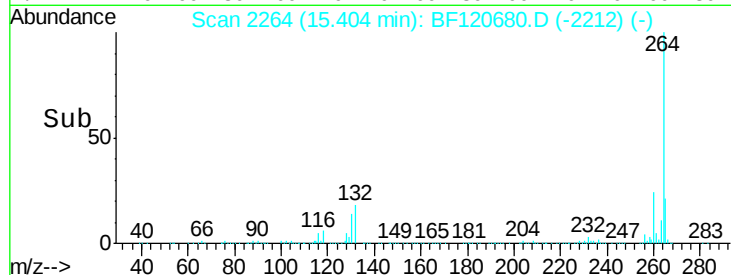
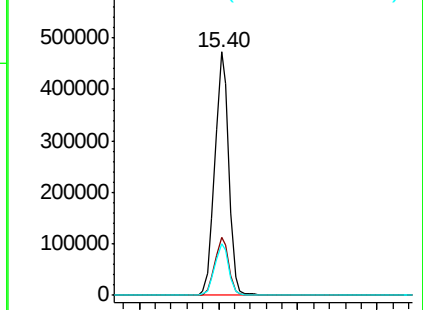
Instrument :
BNA_F
ClientSampleId :
SB-7

Tot Ion:264 Resp: 574888

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.3	17.8	26.8



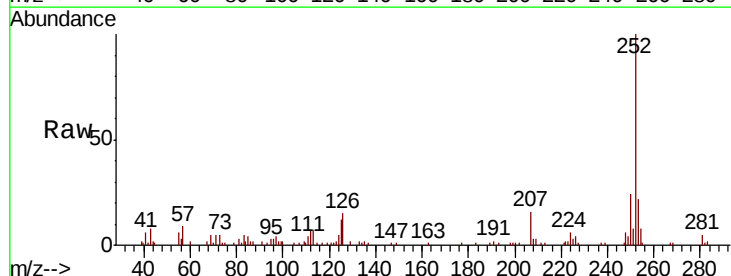
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(k)fluoranthene
Concen: 2.137 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF120680.D
Acq: 22 Jun 2020 17:04

Tgt Ion:252 Resp: 64747

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.1	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

