

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126702.D
 Acq On : 26 Jan 2022 22:17
 Operator : CG/JU
 Sample : N1266-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-08-(5-6)

Quant Time: Jan 27 03:15:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

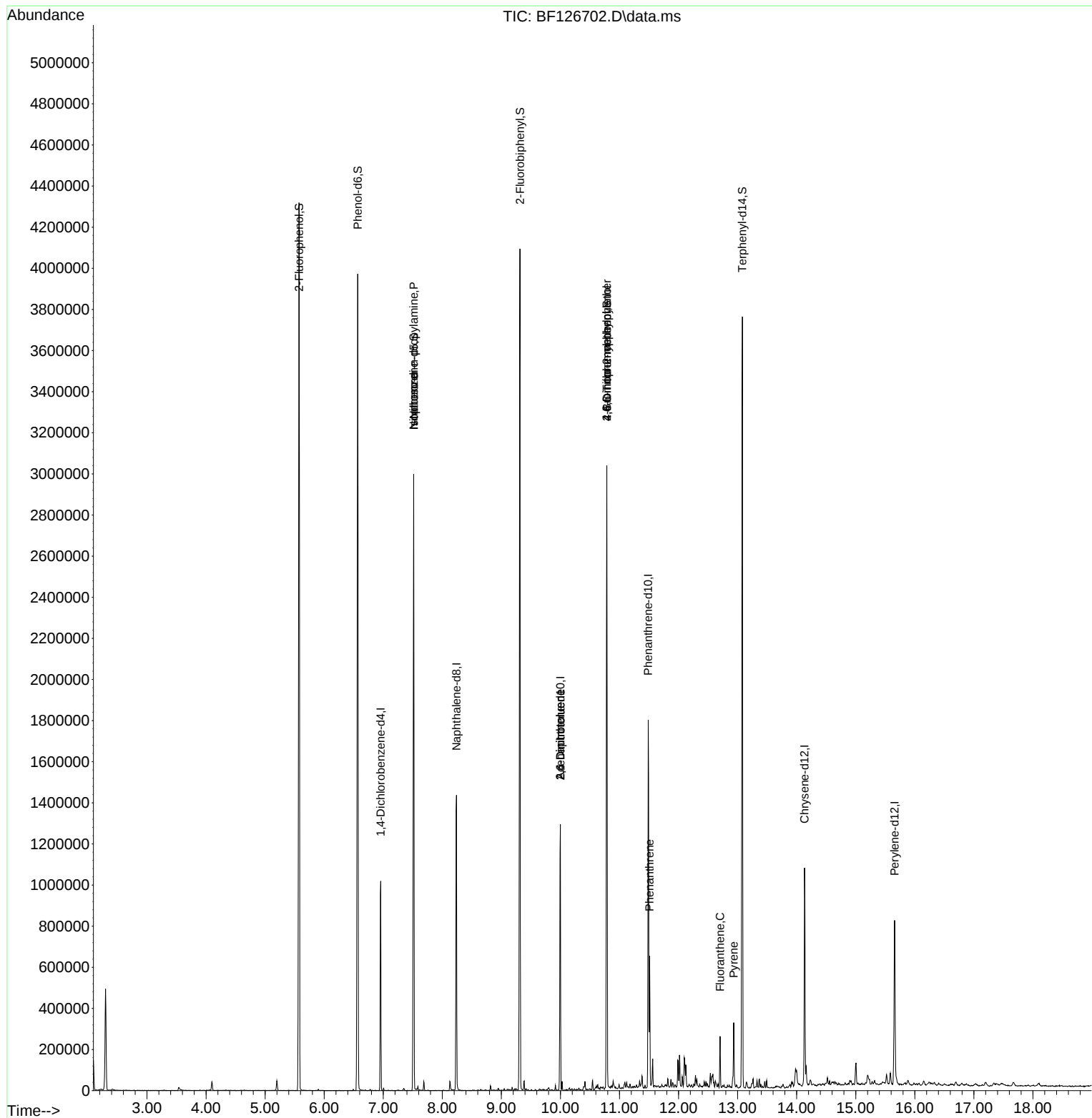
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	139512	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	606541	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	251187	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	583999	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	318394	20.000	ng	-0.01
86) Perylene-d12	15.656	264	335545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1202240	113.397	ng	0.00
7) Phenol-d6	6.569	99	1557509	105.735	ng	0.00
23) Nitrobenzene-d5	7.516	82	1100757	71.034	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	309326	131.588	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1191300	72.634	ng	0.00
79) Terphenyl-d14	13.080	244	1262984	66.533	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	171	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	144886	13.477	ng	# 69
25) Isophorone	7.516	82	1093184	36.376	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	32193	10.457	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	32193	8.630	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	766	7.604	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	21077	3.131	ng	# 1
71) Phenanthrene	11.510	178	188253	5.642	ng	98
75) Fluoranthene	12.704	202	75496	2.291	ng	98
78) Pyrene	12.933	202	111145	4.317	ng	97

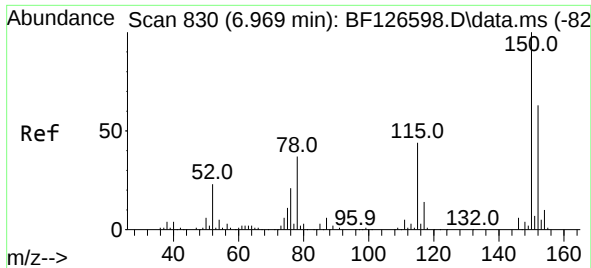
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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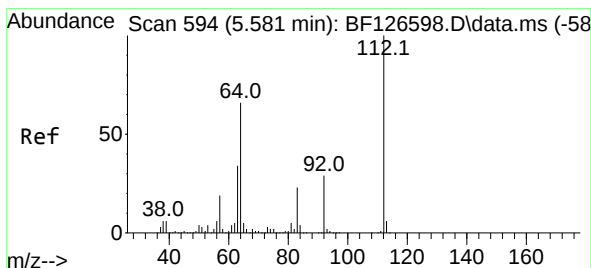
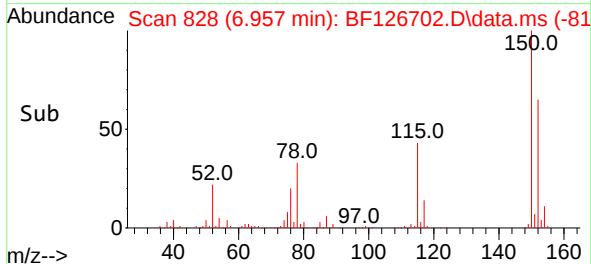
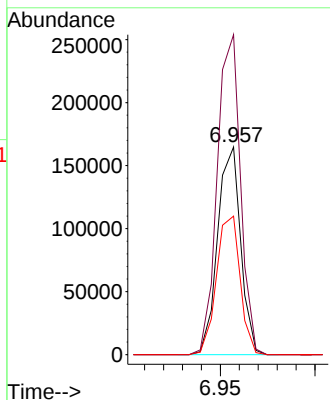
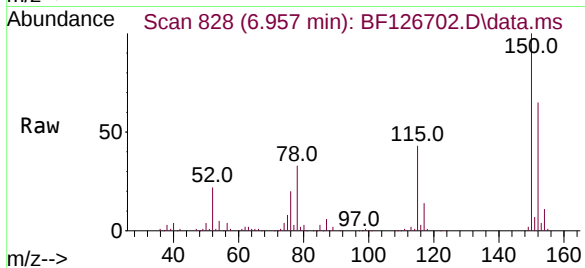




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

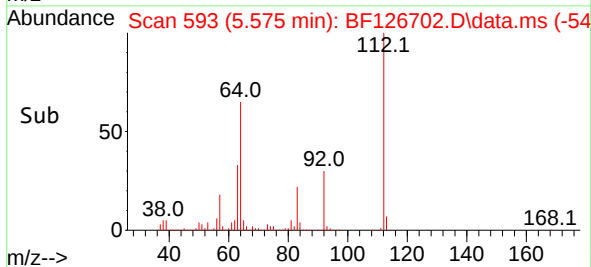
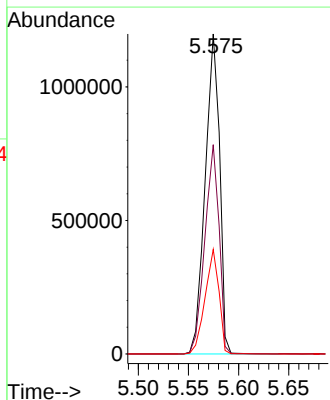
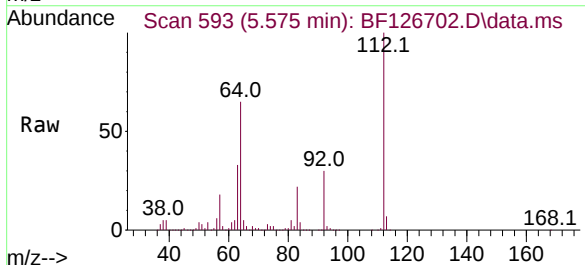
Instrument :
 BNA_F
 ClientSampleId :
 RB-08-(5-6)

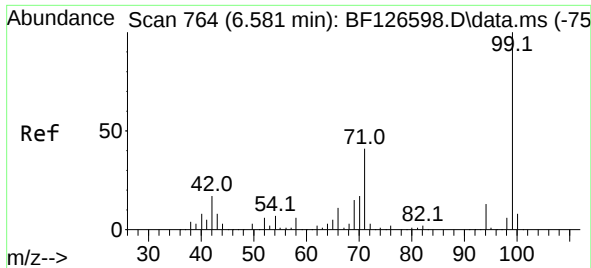
Tgt Ion:152 Resp: 139512
 Ion Ratio Lower Upper
 152 100
 150 154.1 128.1 192.1
 115 66.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 113.397 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

Tgt Ion:112 Resp: 1202240
 Ion Ratio Lower Upper
 112 100
 64 65.4 49.5 74.3
 63 32.6 23.9 35.9





#7

Phenol-d6

Concen: 105.735 ng

RT: 6.569 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

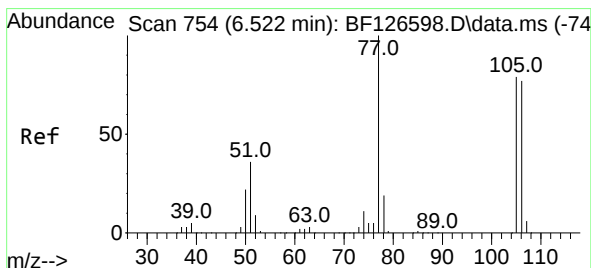
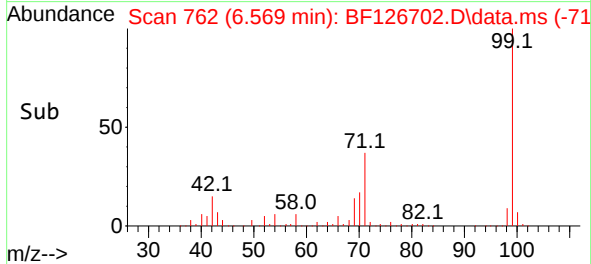
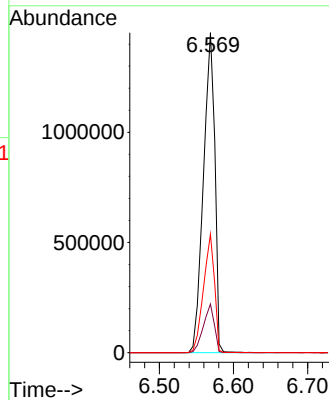
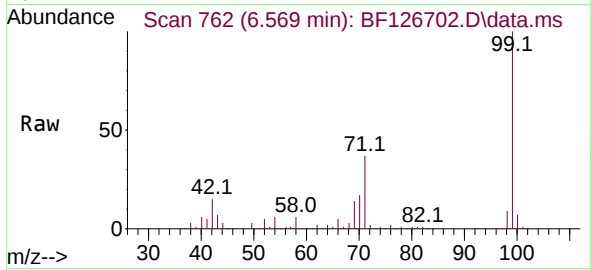
BNA_F

ClientSampleId :

RB-08-(5-6)

Tgt Ion: 99 Resp: 1557509

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.2	21.4
71	37.0	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

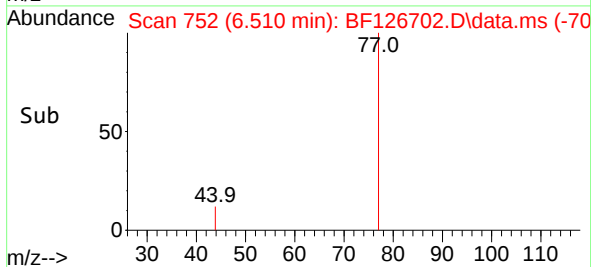
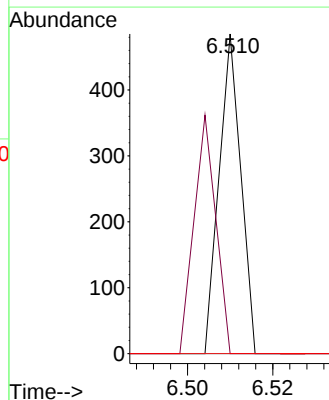
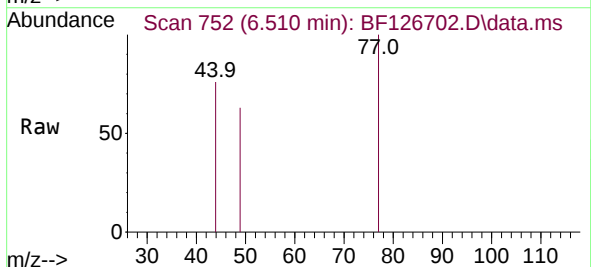
Delta R.T. -0.000 min

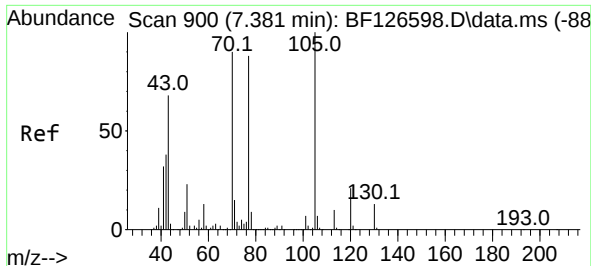
Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Tgt Ion: 77 Resp: 171

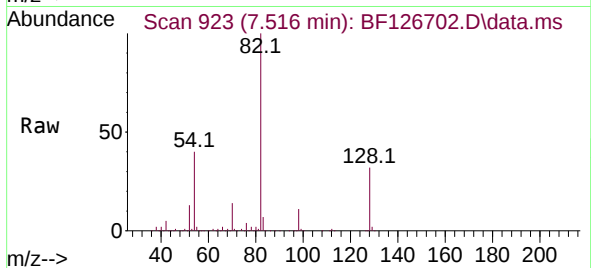
Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9
106	0.0	72.4	112.4



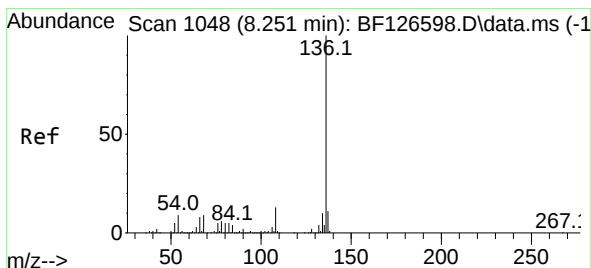
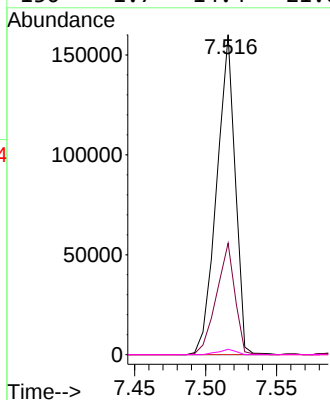
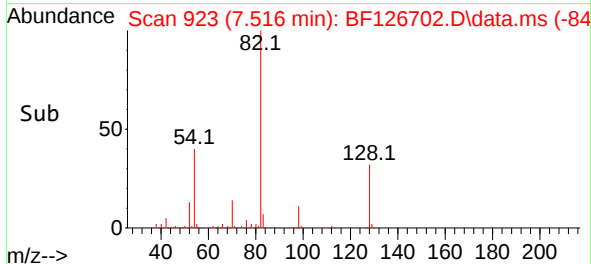


#19
n-Nitroso-di-n-propylamine
Concen: 13.477 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

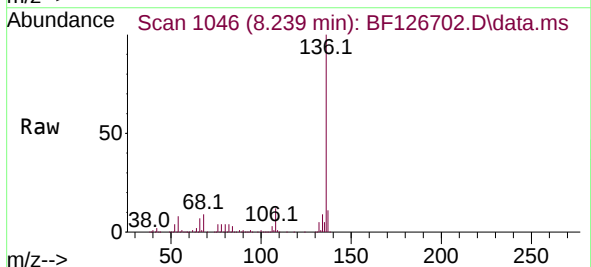
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)



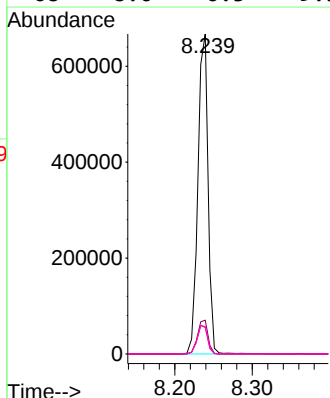
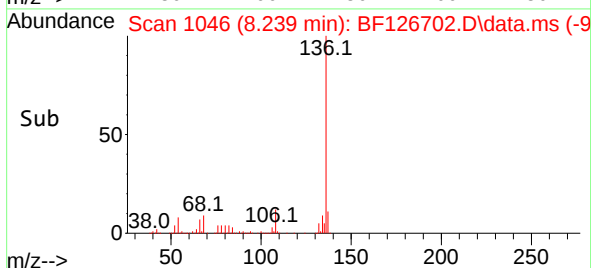
Tgt Ion: 70 Resp: 144886
Ion Ratio Lower Upper
70 100
42 34.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

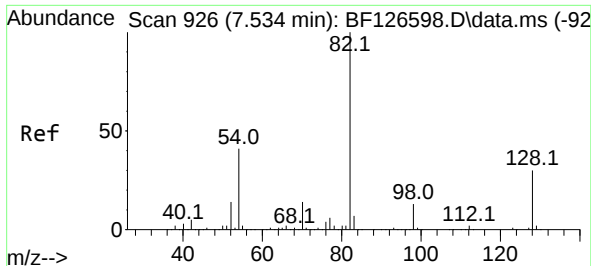


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17



Tgt Ion: 136 Resp: 606541
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 7.8 11.6
68 8.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 71.034 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)

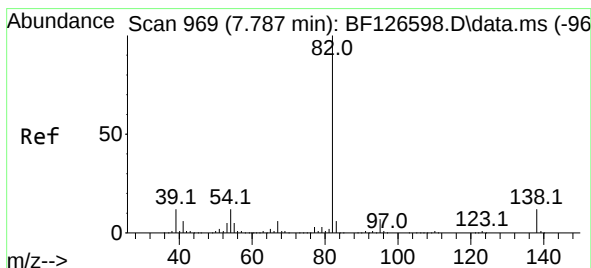
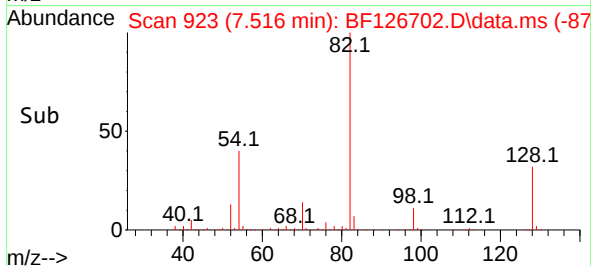
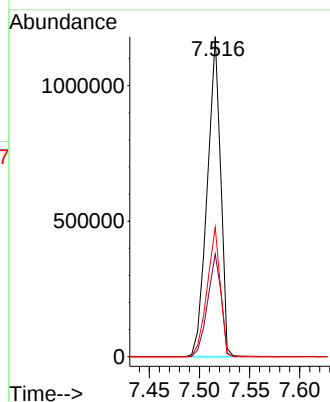
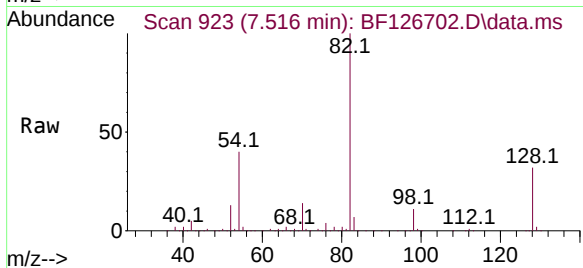
Tgt Ion: 82 Resp: 1100757

Ion Ratio Lower Upper

82 100

128 32.1 32.7 49.1#

54 40.4 41.7 62.5#



#25

Isophorone

Concen: 36.376 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

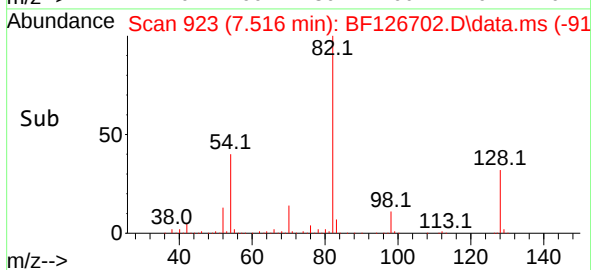
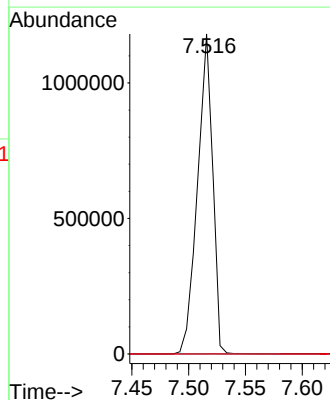
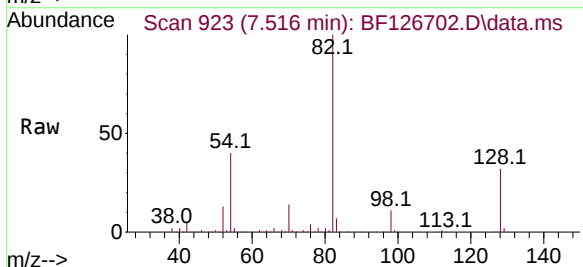
Tgt Ion: 82 Resp: 1093184

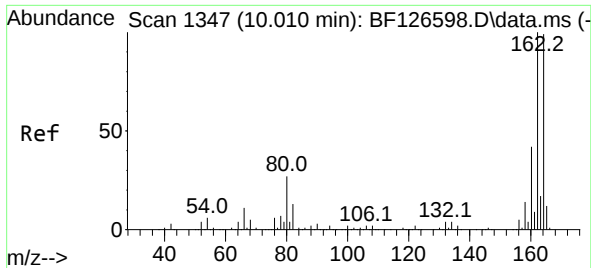
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)

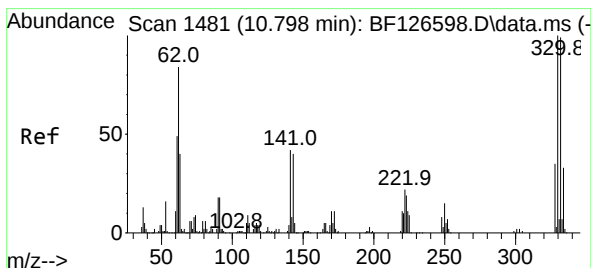
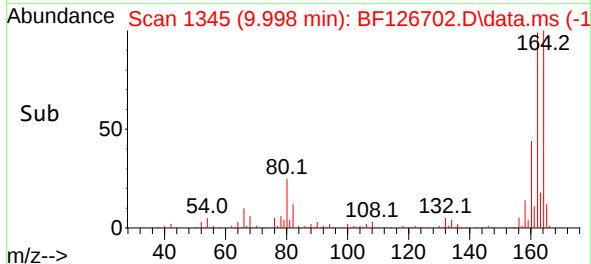
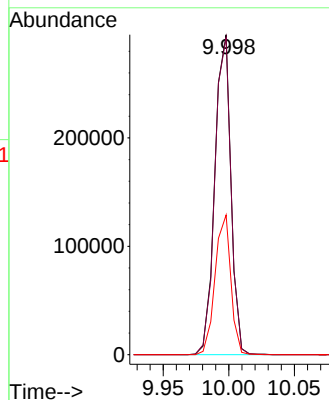
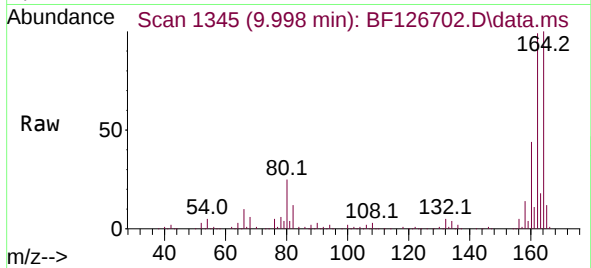
Tgt Ion:164 Resp: 251187

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

160 43.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 131.588 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

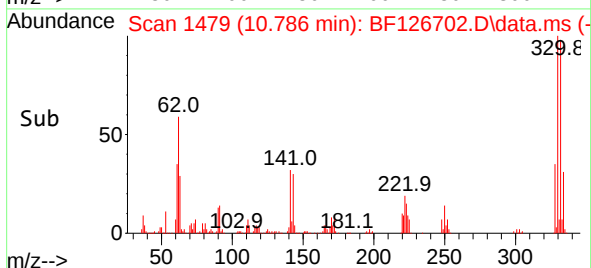
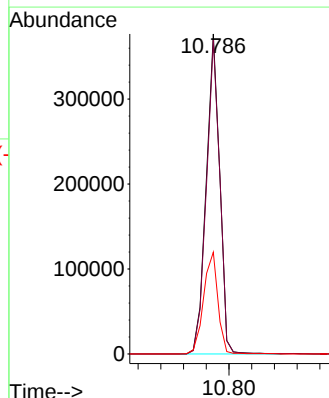
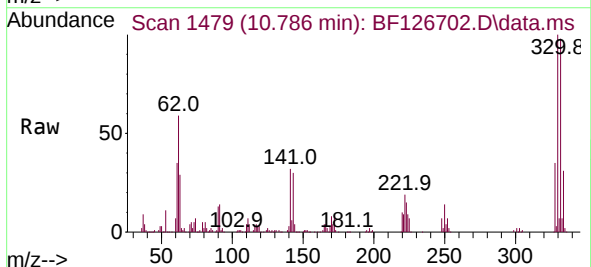
Tgt Ion:330 Resp: 309326

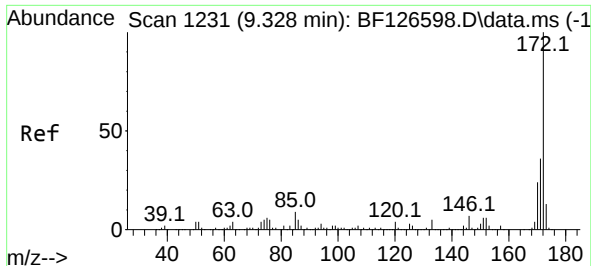
Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 34.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 72.634 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

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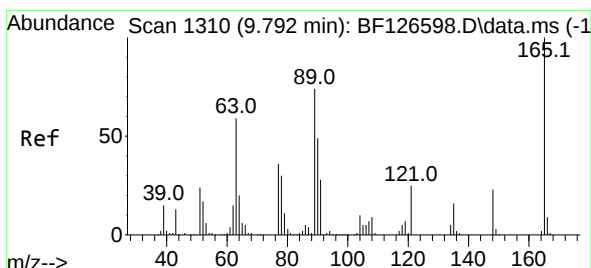
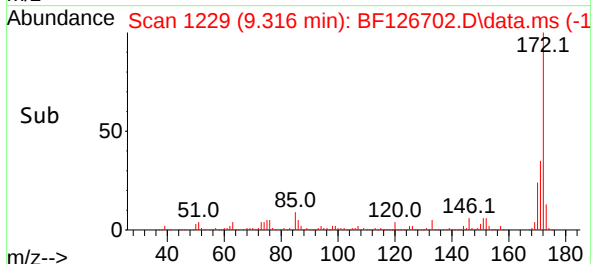
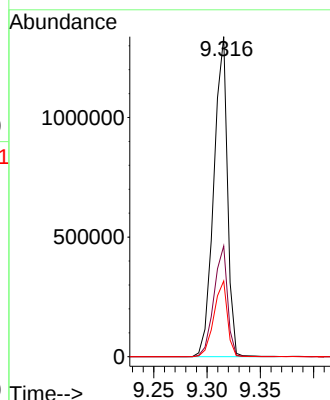
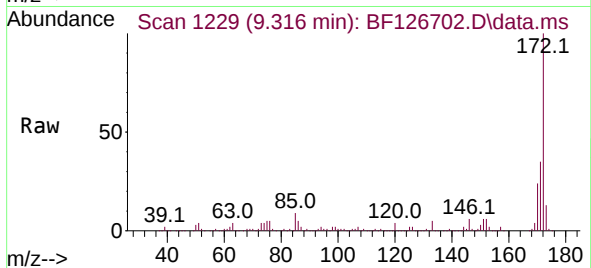
Tgt Ion:172 Resp: 1191300

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.457 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.217 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

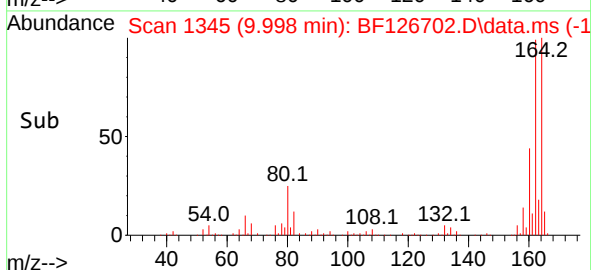
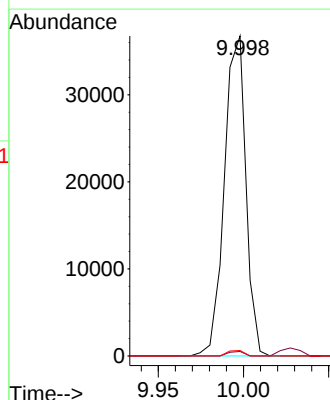
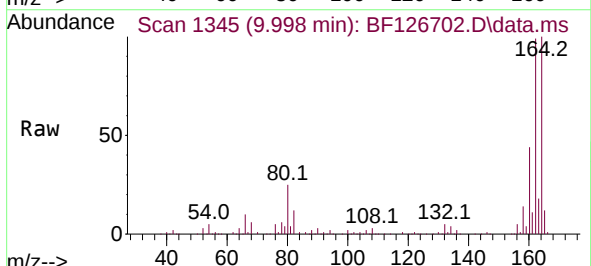
Tgt Ion:165 Resp: 32193

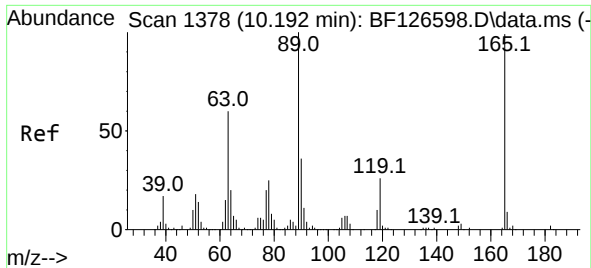
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.7 50.5 75.7#

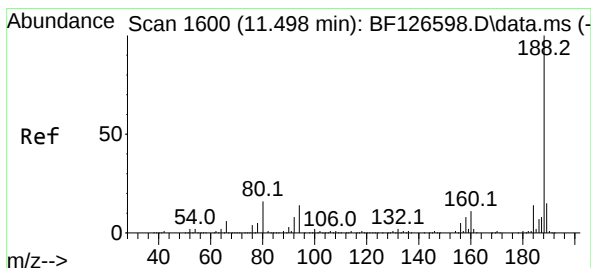
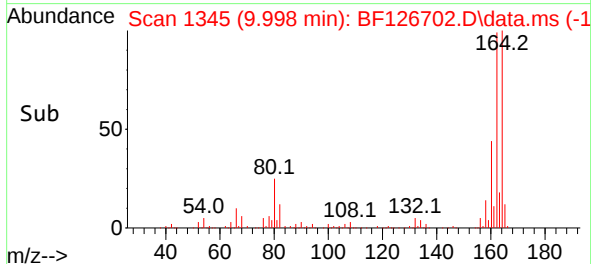
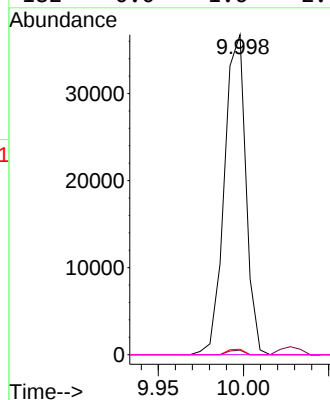
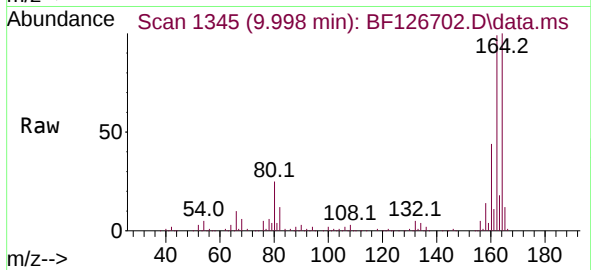




#57
2,4-Dinitrotoluene
Concen: 8.630 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

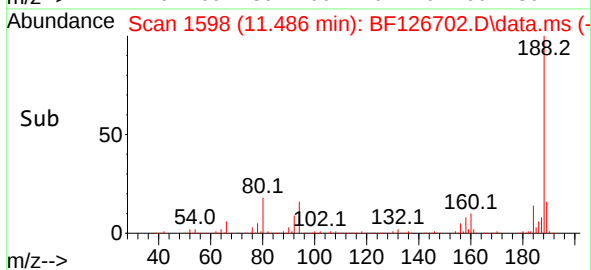
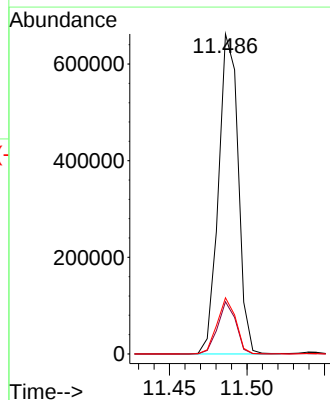
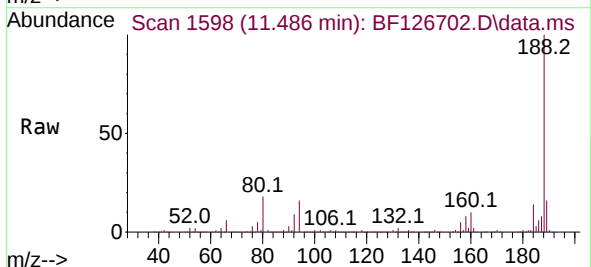
Instrument :
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RB-08-(5-6)

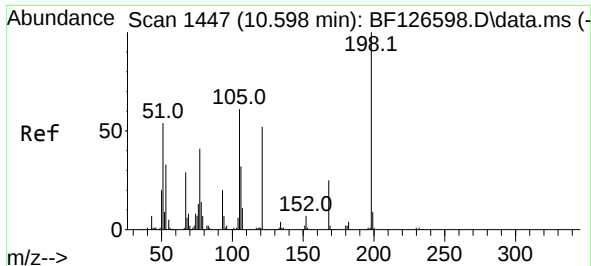
Tgt Ion:165 Resp: 32193
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

Tgt Ion:188 Resp: 583999
Ion Ratio Lower Upper
188 100
94 16.3 10.1 15.1#
80 17.6 11.8 17.6

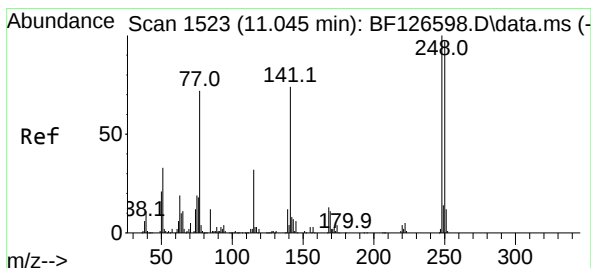
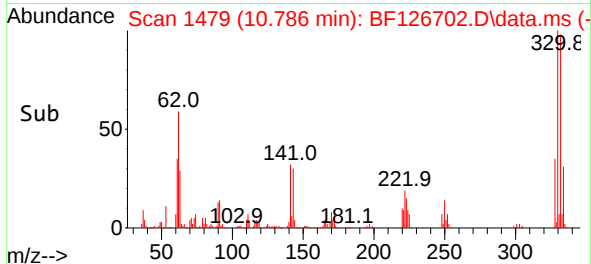
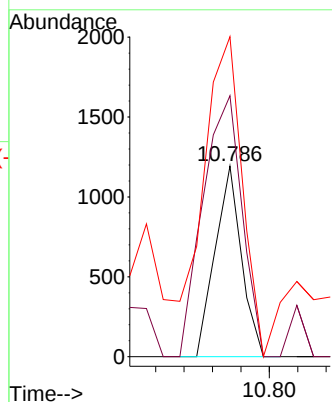
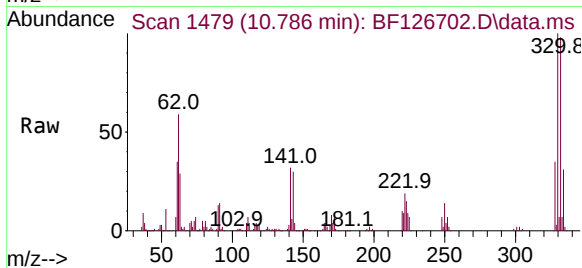




#65
4,6-Dinitro-2-methylphenol
Concen: 7.604 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

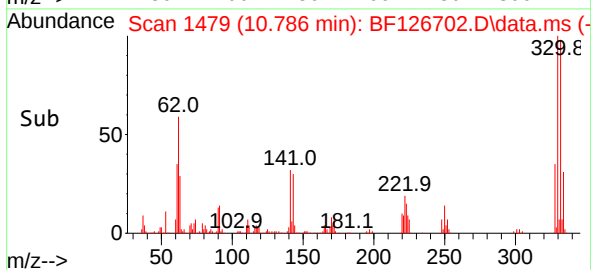
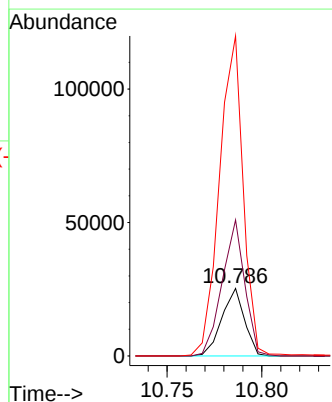
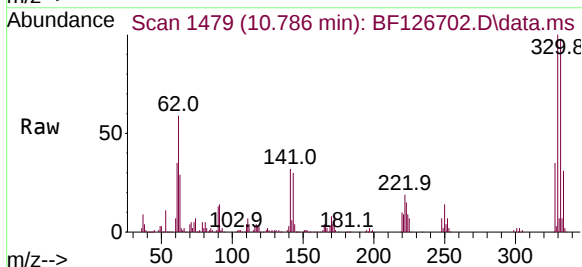
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)

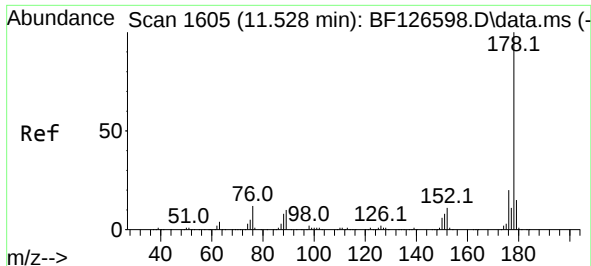
Tgt Ion:198 Resp: 766
Ion Ratio Lower Upper
198 100
51 136.9 32.0 72.0#
105 167.9 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

Tgt Ion:248 Resp: 21077
Ion Ratio Lower Upper
248 100
250 201.3 76.2 114.4#
141 473.5 66.2 99.4#

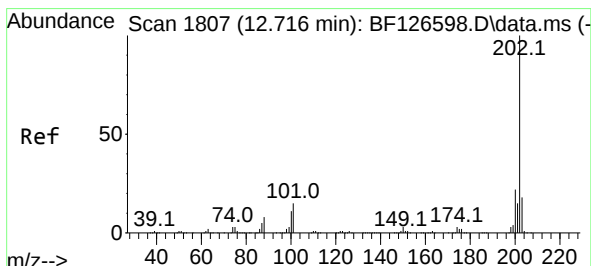
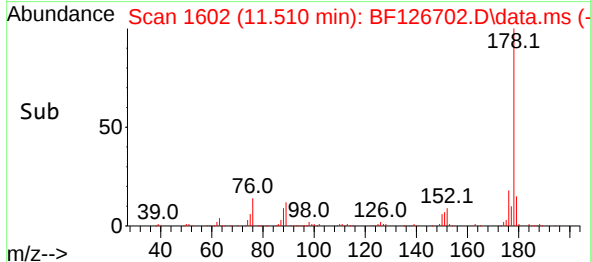
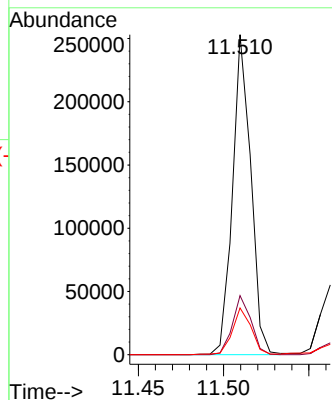
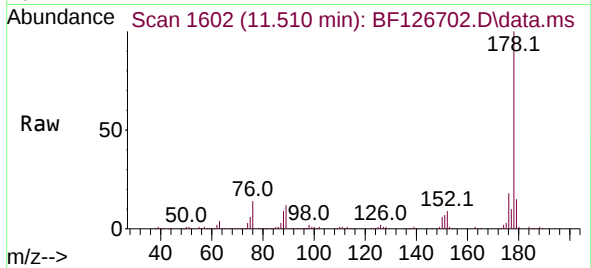




#71
Phenanthrene
Concen: 5.642 ng
RT: 11.510 min Scan# 1605
Delta R.T. -0.012 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

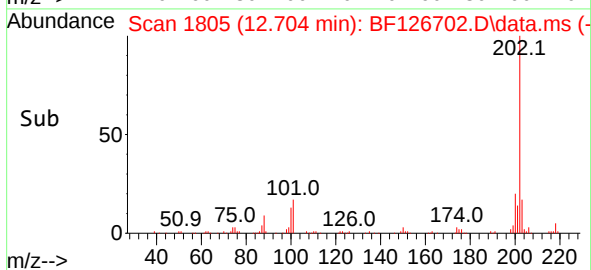
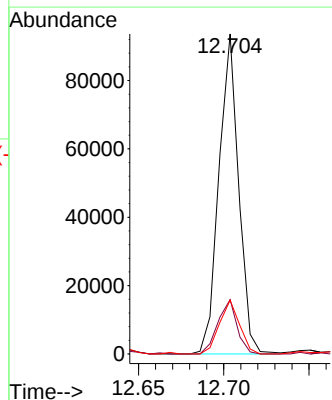
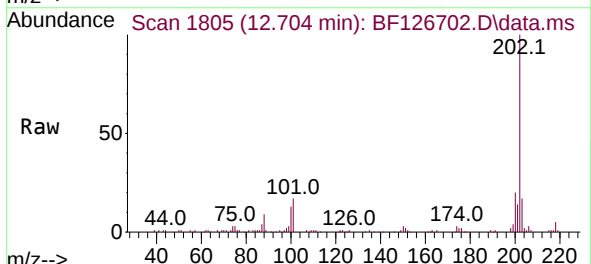
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)

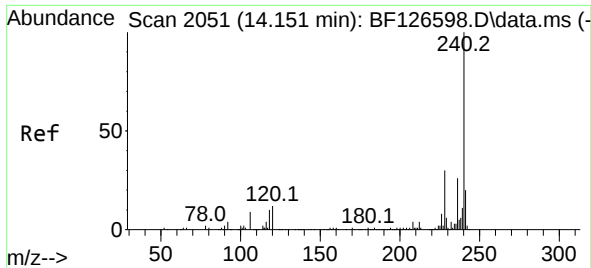
Tgt Ion:178 Resp: 188253
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 14.6 12.3 18.5



#75
Fluoranthene
Concen: 2.291 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

Tgt Ion:202 Resp: 75496
Ion Ratio Lower Upper
202 100
101 17.0 0.0 35.7
203 16.8 0.0 37.1

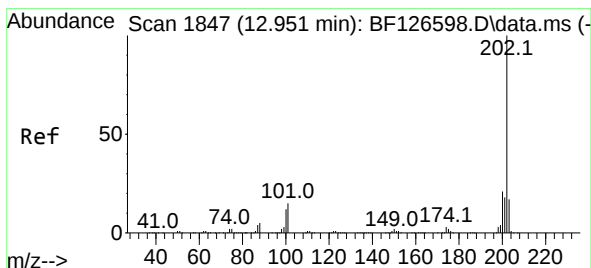
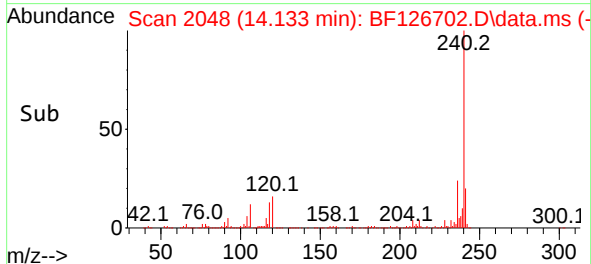
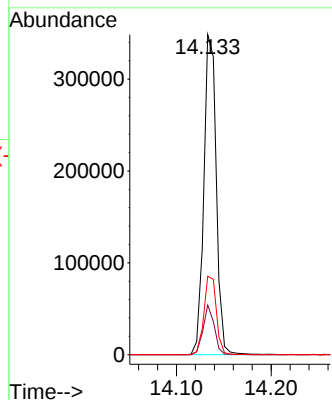
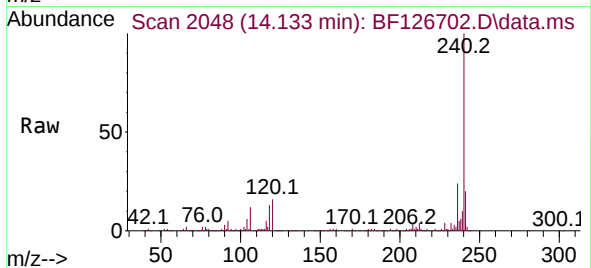




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

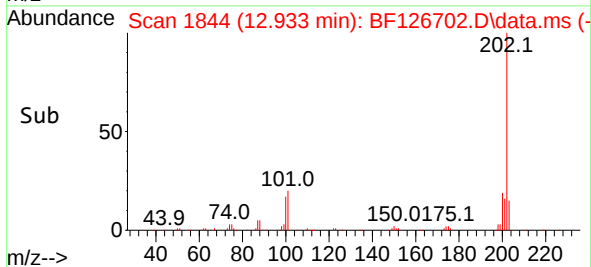
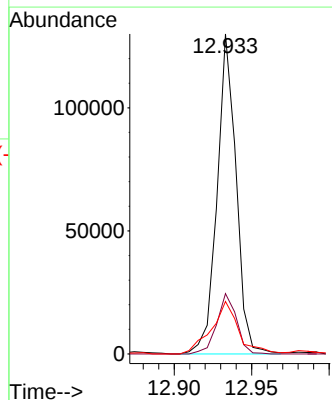
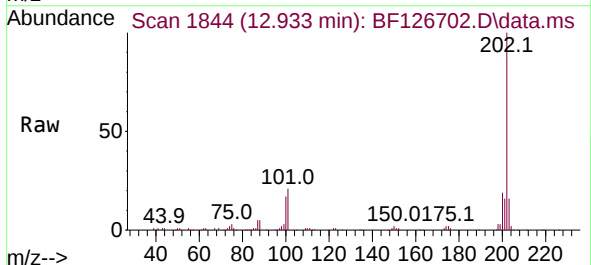
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)

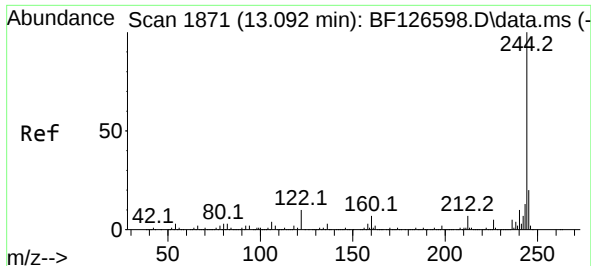
Tgt Ion:240 Resp: 318394
Ion Ratio Lower Upper
240 100
120 15.5 14.4 21.6
236 24.5 20.5 30.7



#78
Pyrene
Concen: 4.317 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

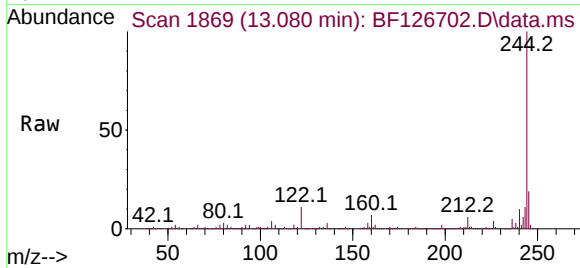
Tgt Ion:202 Resp: 111145
Ion Ratio Lower Upper
202 100
200 18.8 16.6 24.8
203 16.4 13.8 20.8



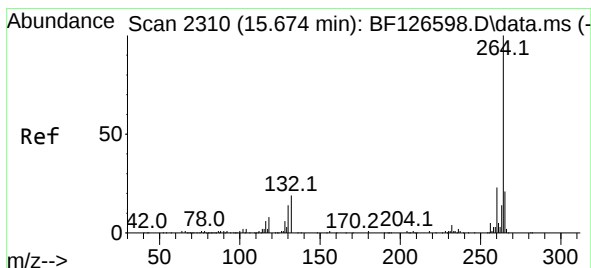
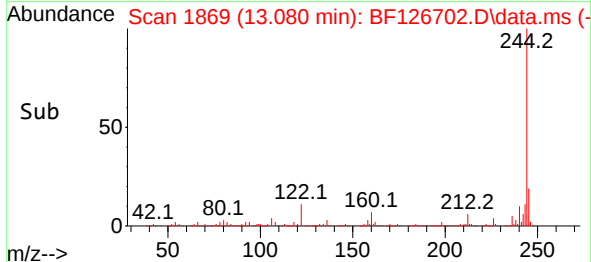
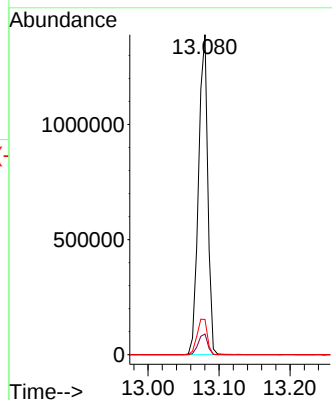


#79
 Terphenyl-d14
 Concen: 66.533 ng
 RT: 13.080 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

Instrument :
 BNA_F
 ClientSampleId :
 RB-08-(5-6)



Tgt Ion:244 Resp: 1262984
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

Tgt Ion:264 Resp: 335545
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.4 26.2

