

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127145.D
 Acq On : 02 Mar 2022 14:14
 Operator : CG\JU
 Sample : N1722-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-9

Quant Time: Mar 03 00:56:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

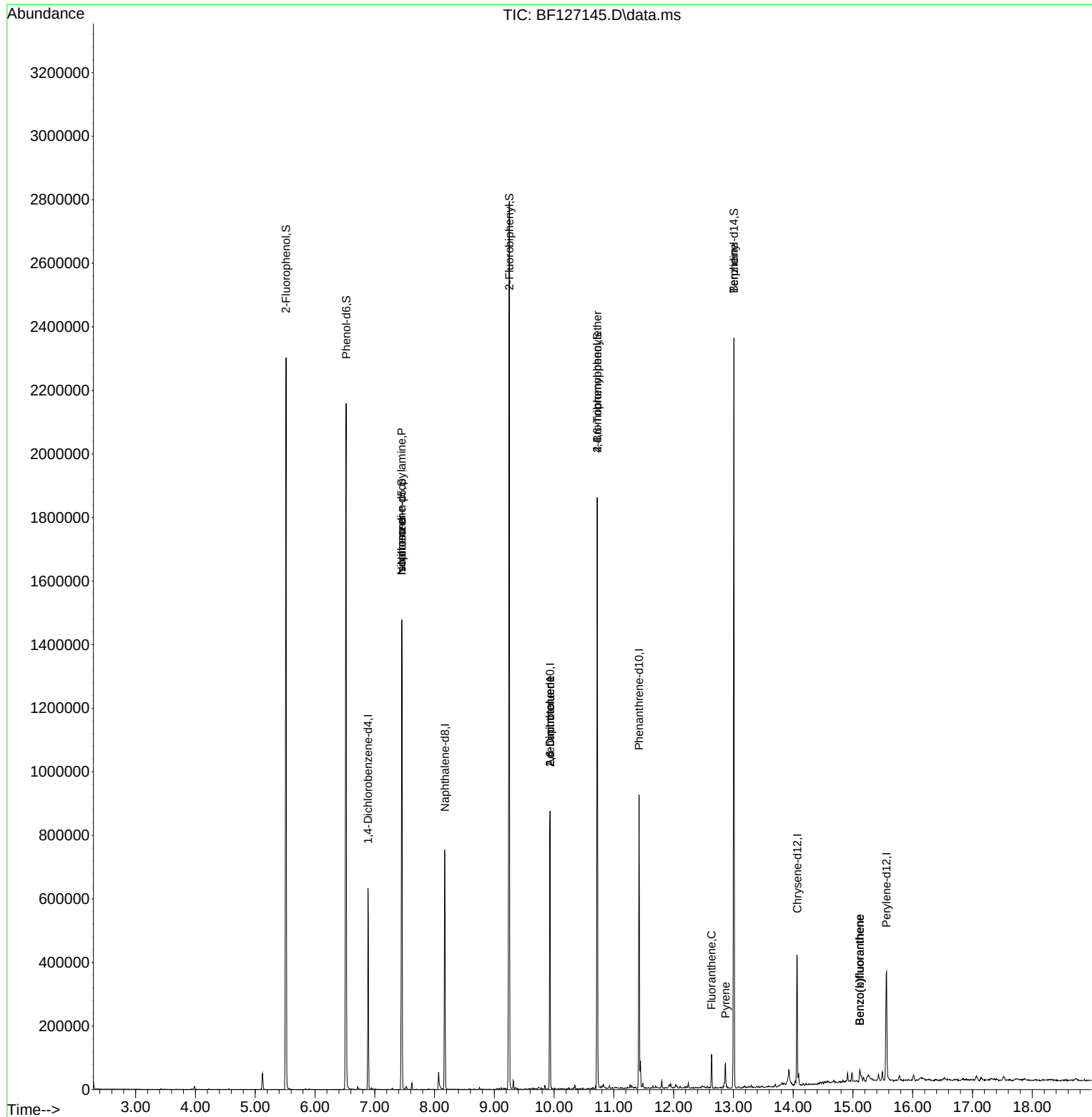
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	83053	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	330126	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	168965	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	293141	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	129845	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	150262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	530889	98.796	ng	0.00
7) Phenol-d6	6.522	99	724123	99.867	ng	0.00
23) Nitrobenzene-d5	7.451	82	495759	67.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	203643	104.679	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	812974	70.833	ng	0.00
79) Terphenyl-d14	13.010	244	734220	83.125	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	69746	14.928	ng	# 77
25) Isophorone	7.451	82	494201	40.835	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	22535	9.171	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	22535	6.783	ng	# 15
67) 4-Bromophenyl-phenylether	10.721	248	12394	3.784	ng	# 1
75) Fluoranthene	12.633	202	39843	2.557	ng	94
77) Benzidine	13.010	184	11808	3.346	ng	# 94
78) Pyrene	12.868	202	30283	2.684	ng	98
88) Benzo(b)fluoranthene	15.115	252	22499	2.229	ng	# 92
89) Benzo(k)fluoranthene	15.115	252	22499	2.311	ng	# 92

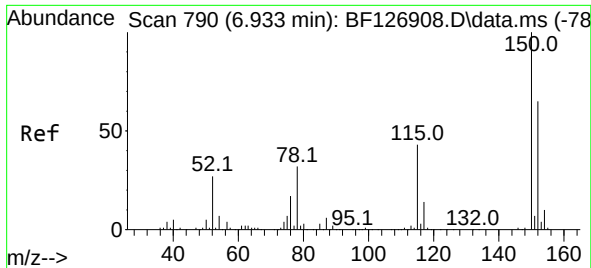
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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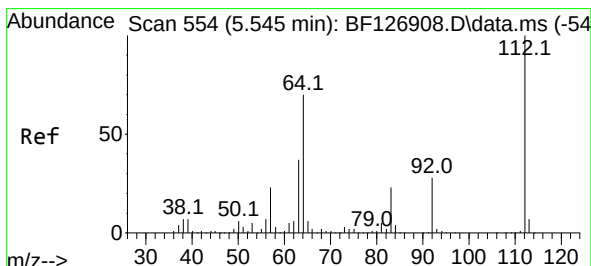
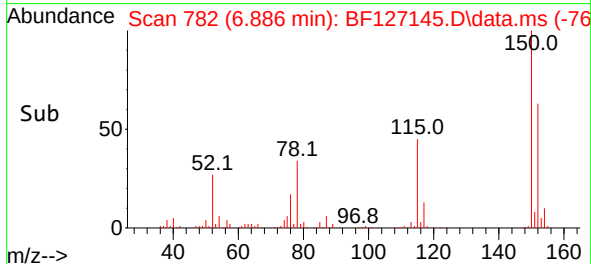
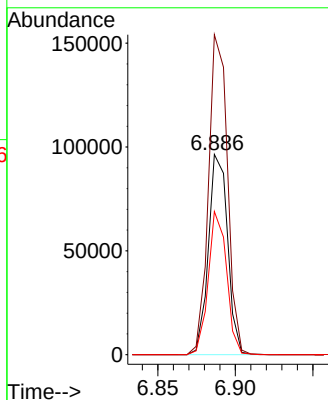
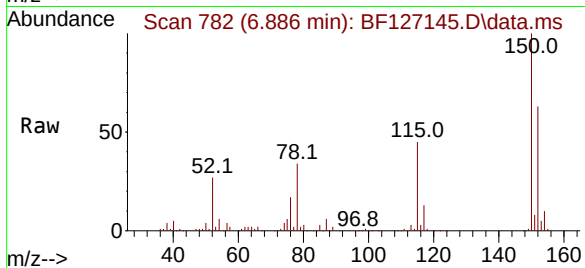




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

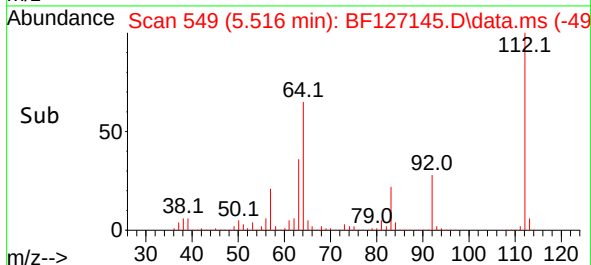
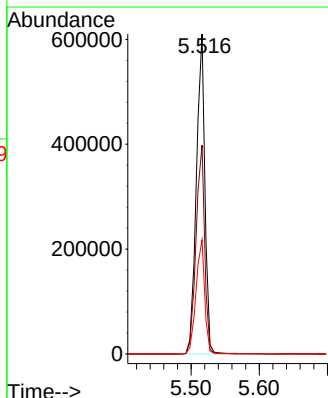
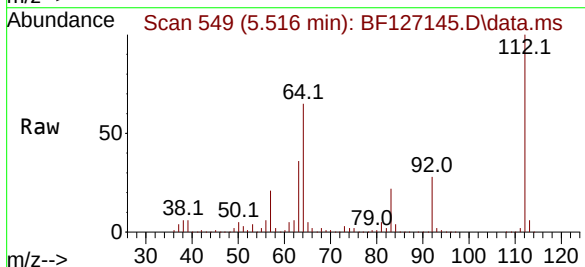
Instrument :
BNA_F
ClientSampleId :
DUM-9

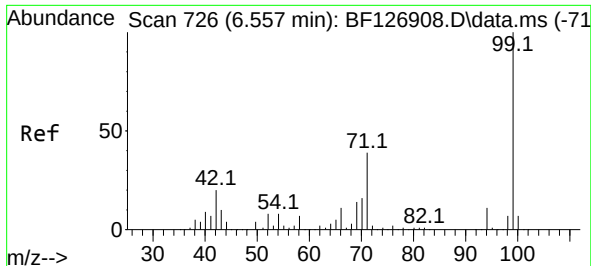
Tgt Ion:152 Resp: 83053
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 98.796 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:112 Resp: 530889
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.7 23.9 35.9

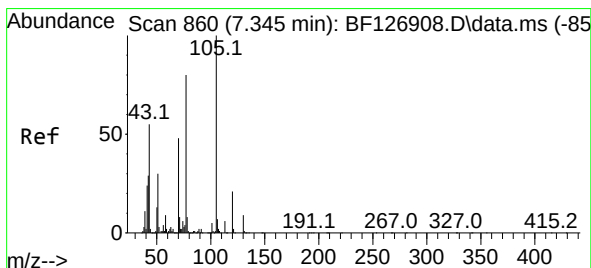
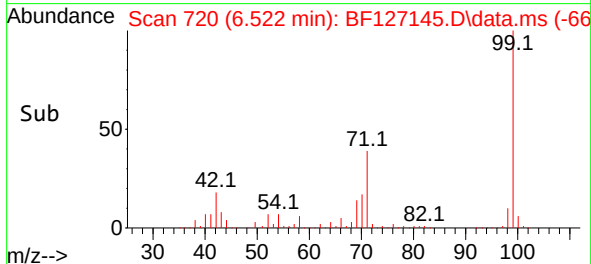
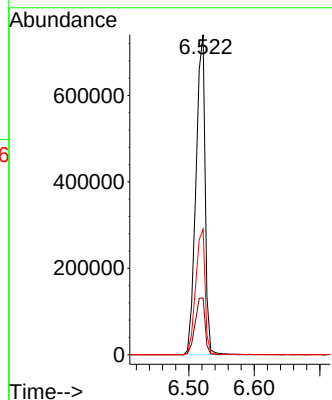
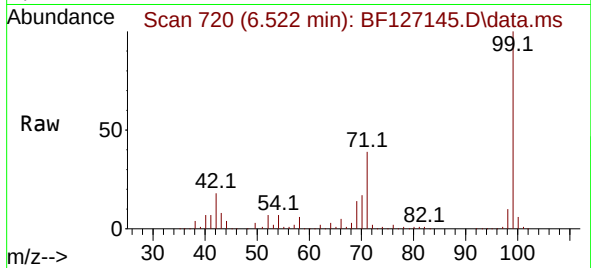




#7
Phenol-d6
Concen: 99.867 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

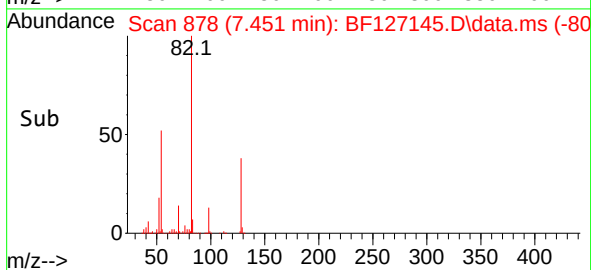
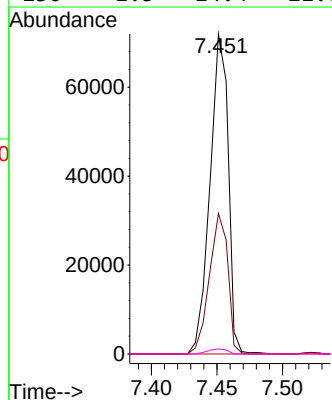
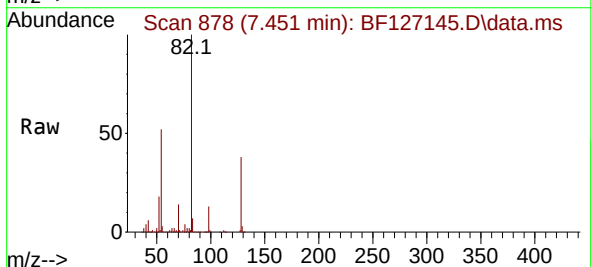
Instrument :
BNA_F
ClientSampleId :
DUM-9

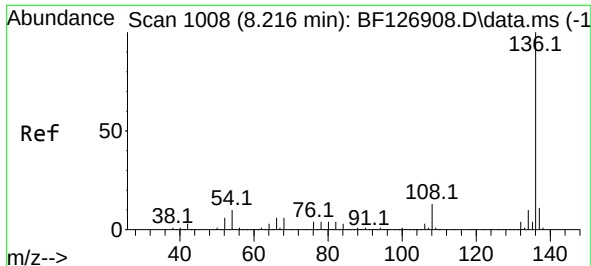
Tgt Ion: 99 Resp: 724123
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 39.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.928 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion: 70 Resp: 69746
Ion Ratio Lower Upper
70 100
42 43.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

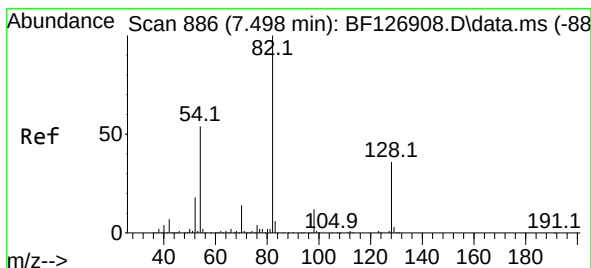
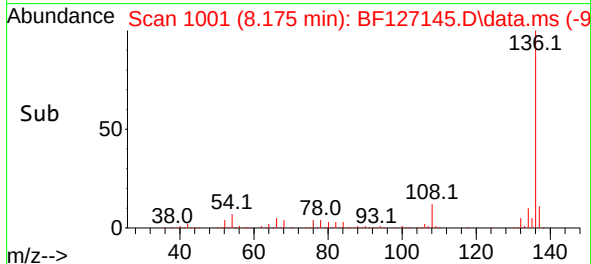
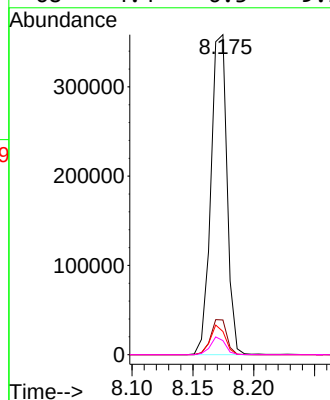
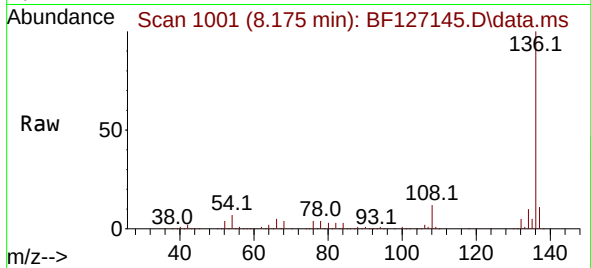




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

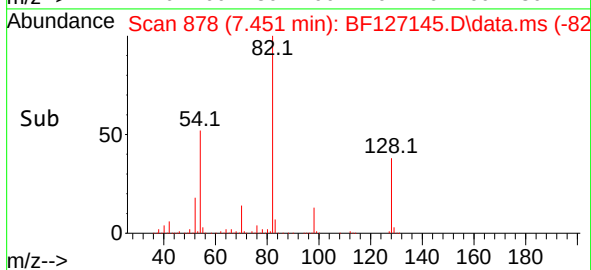
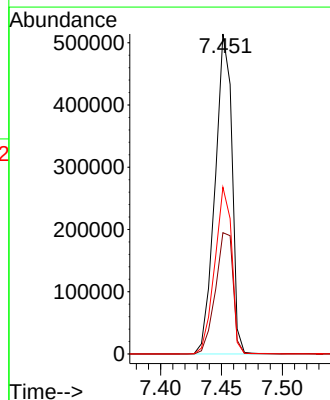
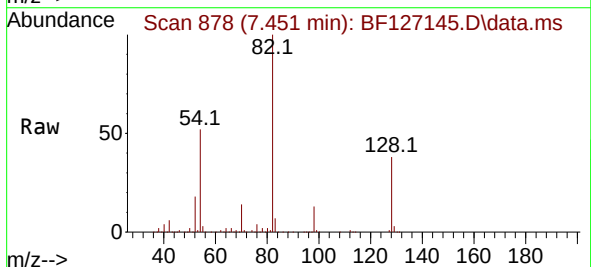
Instrument :
BNA_F
ClientSampleId :
DUM-9

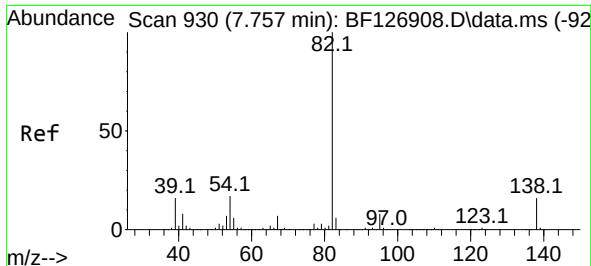
Tgt Ion:136 Resp: 330126
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 7.8 11.6#
68 4.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 67.784 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion: 82 Resp: 495759
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 52.1 41.7 62.5

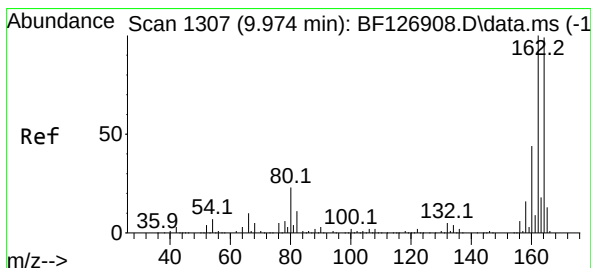
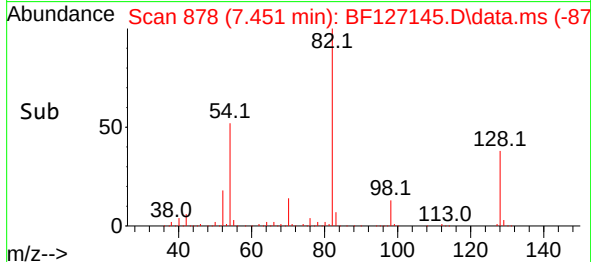
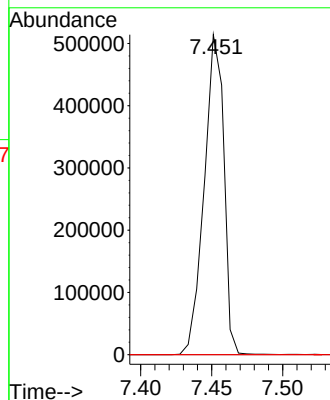
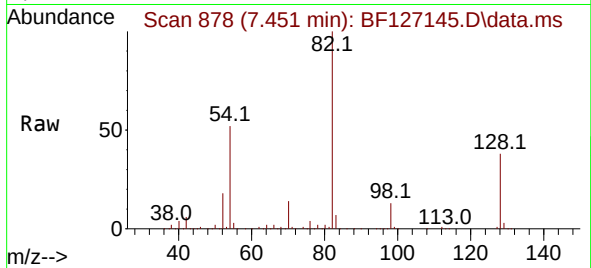




#25
Isophorone
Concen: 40.835 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

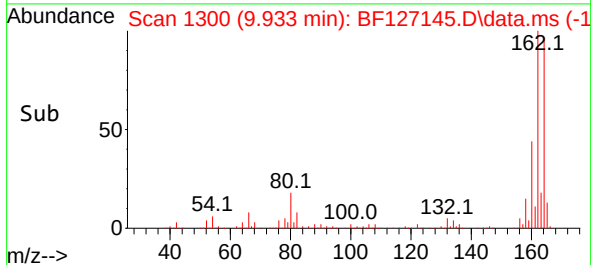
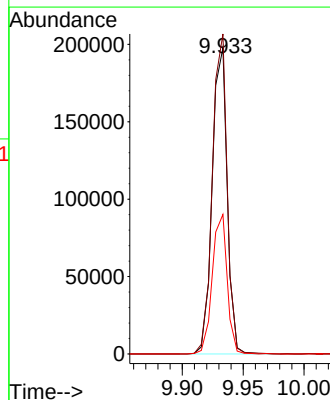
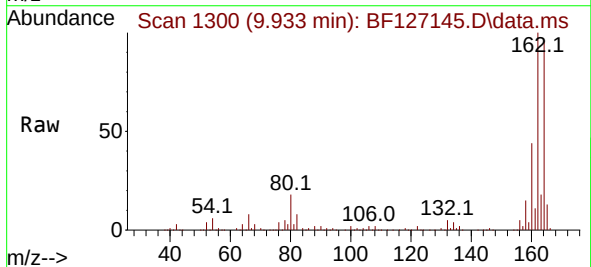
Instrument :
BNA_F
ClientSampleId :
DUM-9

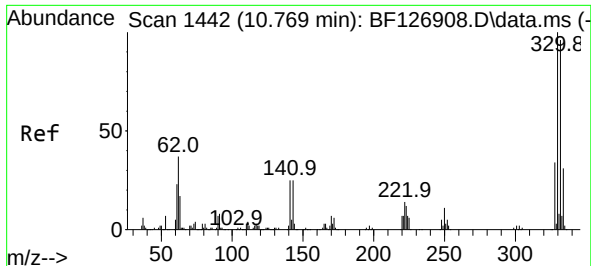
Tgt Ion: 82 Resp: 494201
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:164 Resp: 168965
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 104.679 ng

RT: 10.721 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

Instrument :

BNA_F

ClientSampleId :

DUM-9

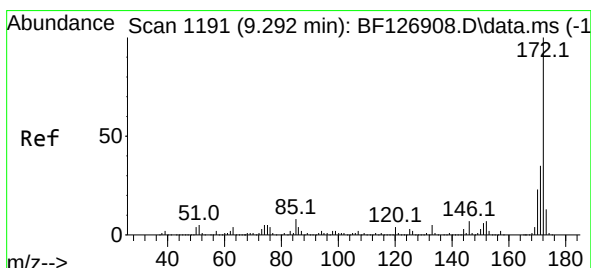
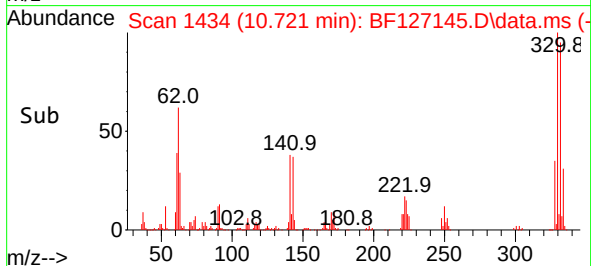
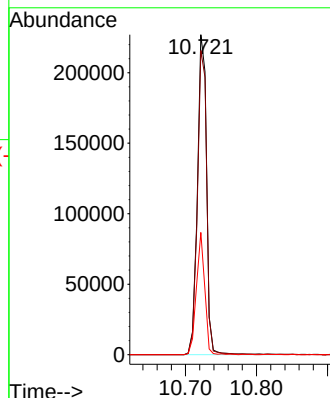
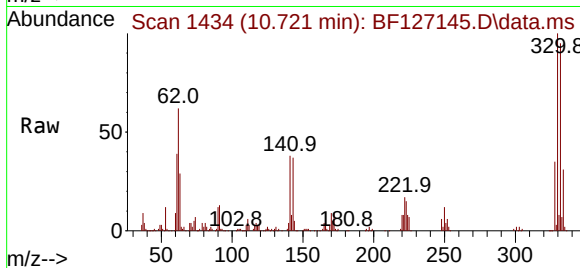
Tgt Ion:330 Resp: 203643

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 70.833 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

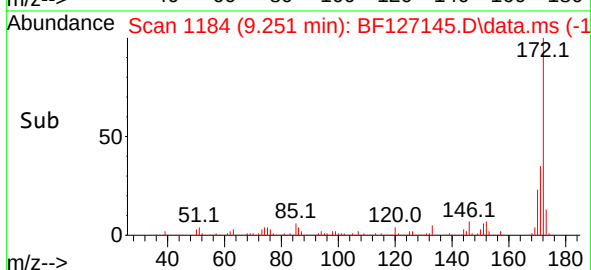
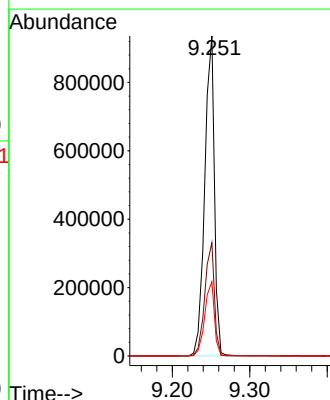
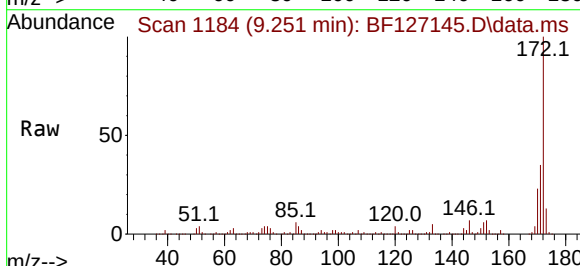
Tgt Ion:172 Resp: 812974

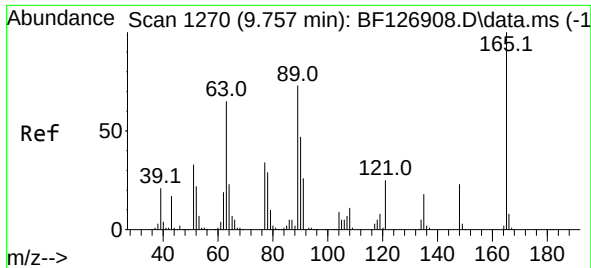
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

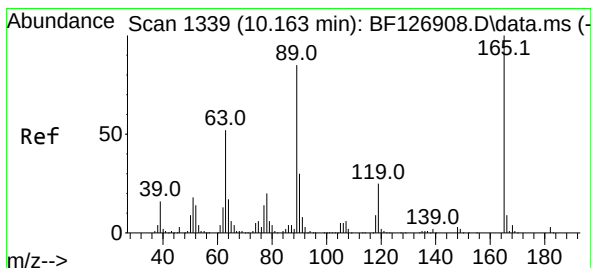
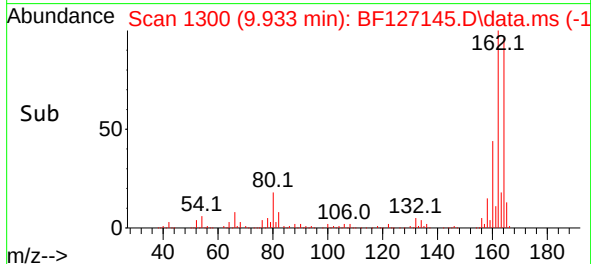
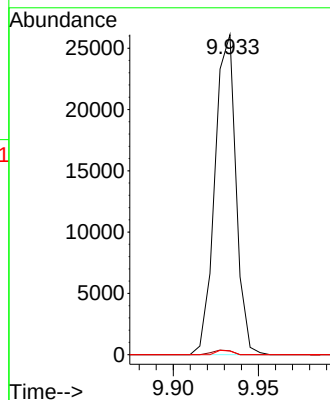
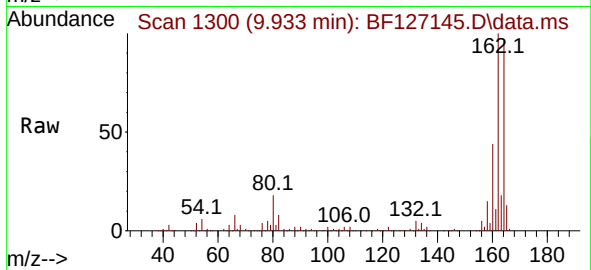




#51
2,6-Dinitrotoluene
Concen: 9.171 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

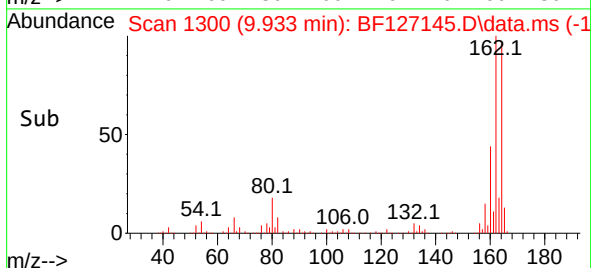
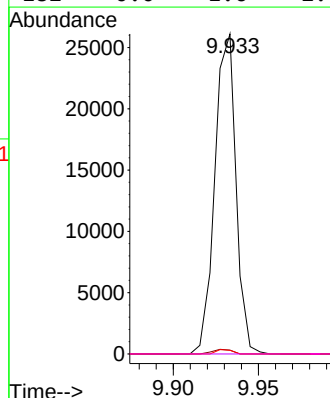
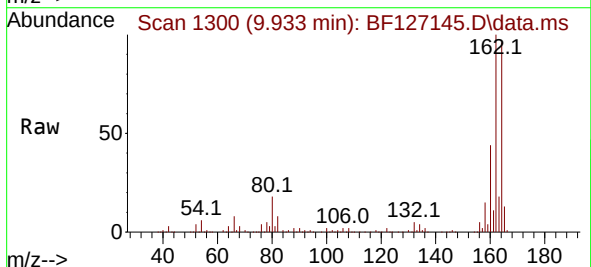
Instrument :
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DUM-9

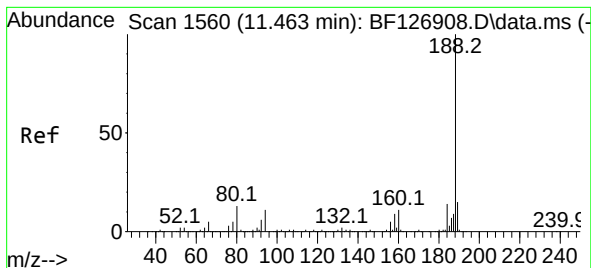
Tgt Ion:165 Resp: 22535
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:165 Resp: 22535
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

Instrument :

BNA_F

ClientSampleId :

DUM-9

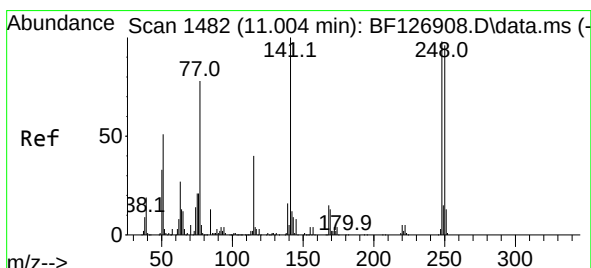
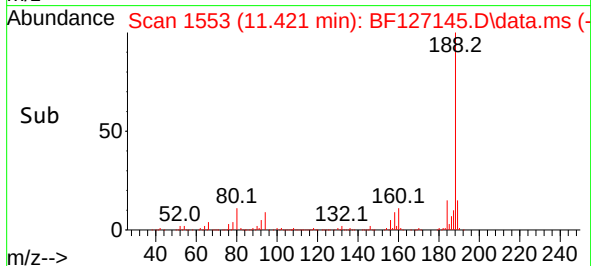
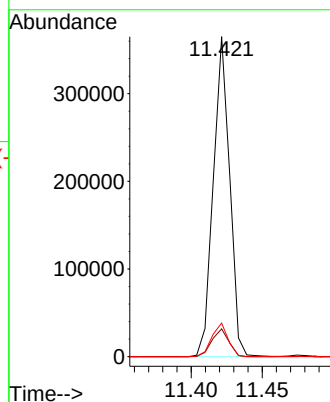
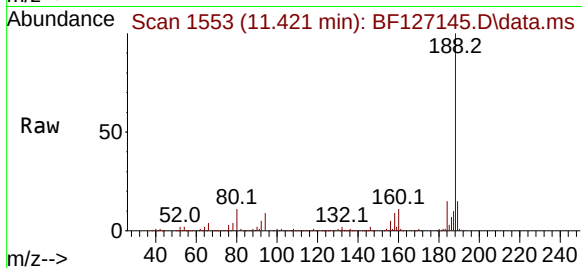
Tgt Ion:188 Resp: 293141

Ion Ratio Lower Upper

188 100

94 8.7 10.1 15.1#

80 10.5 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.784 ng

RT: 10.721 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

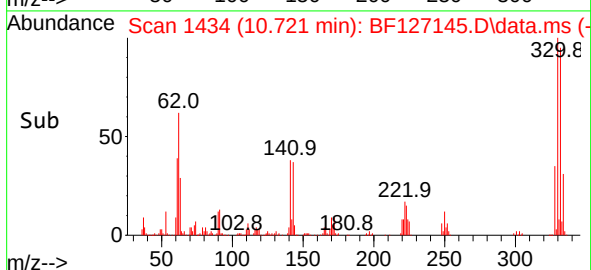
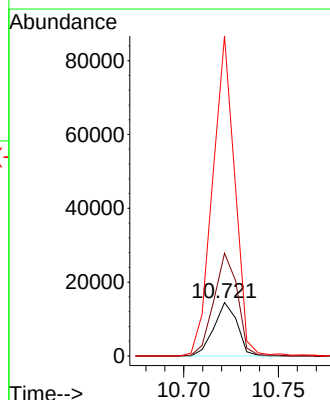
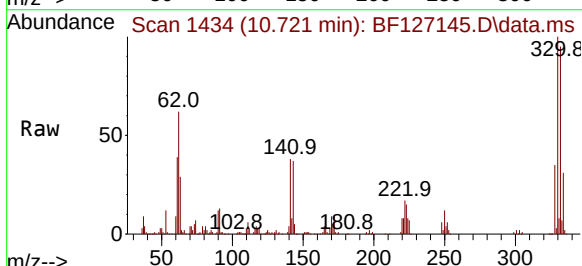
Tgt Ion:248 Resp: 12394

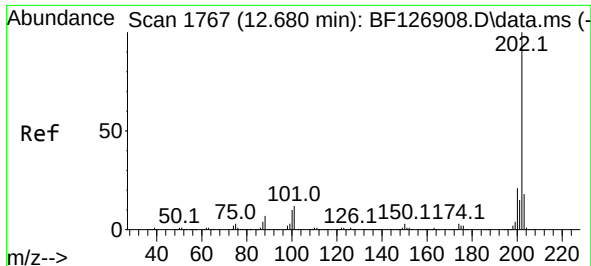
Ion Ratio Lower Upper

248 100

250 192.1 76.2 114.4#

141 598.6 66.2 99.4#

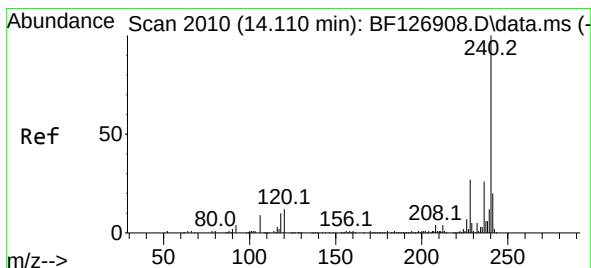
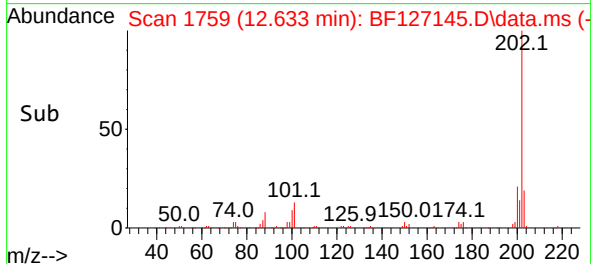
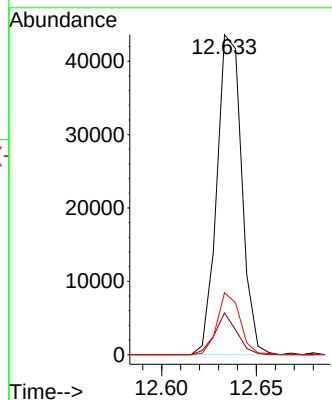
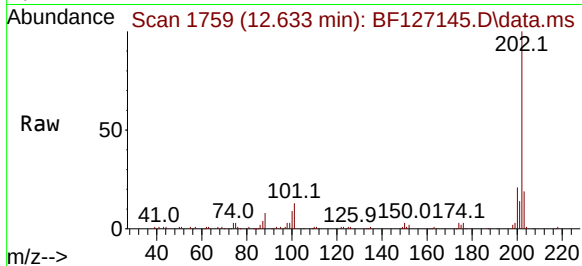




#75
Fluoranthene
Concen: 2.557 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

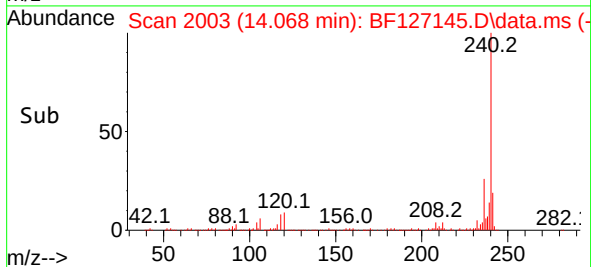
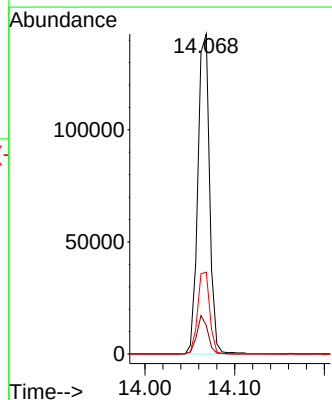
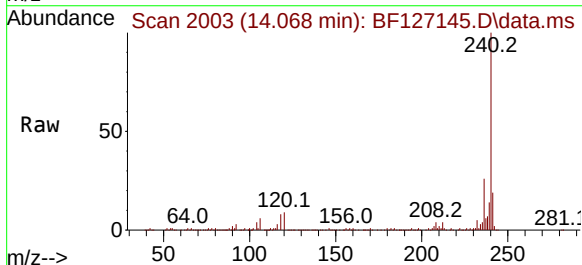
Instrument :
BNA_F
ClientSampleId :
DUM-9

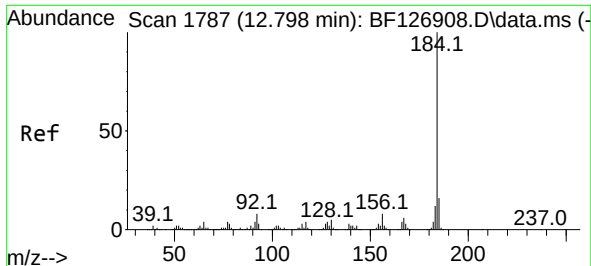
Tgt Ion:202 Resp: 39843
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.7
203 19.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:240 Resp: 129845
Ion Ratio Lower Upper
240 100
120 8.9 14.4 21.6#
236 25.6 20.5 30.7

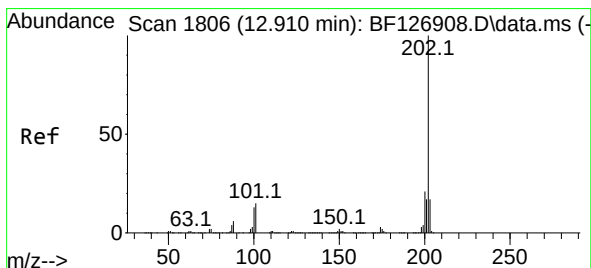
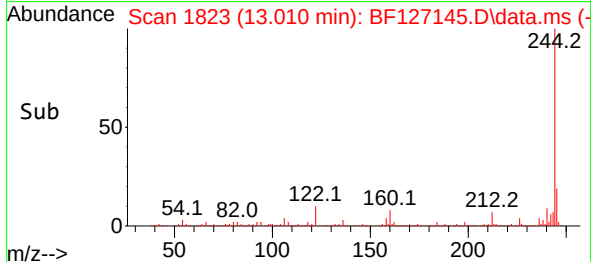
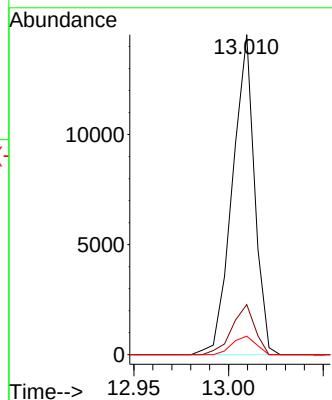
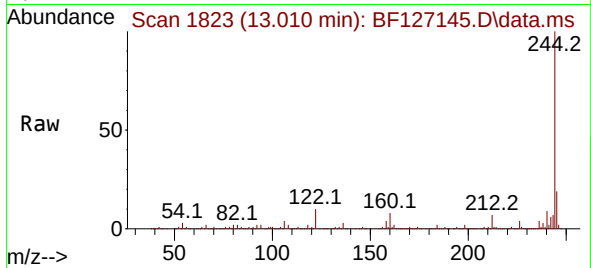




#77
Benzidine
Concen: 3.346 ng
RT: 13.010 min Scan# 1799
Delta R.T. 0.247 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

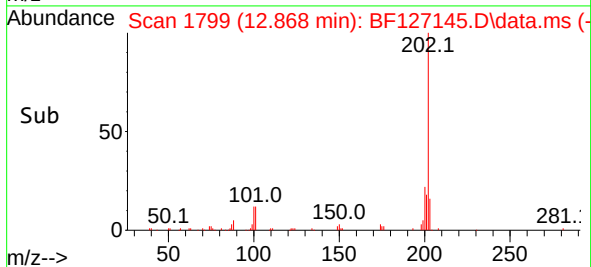
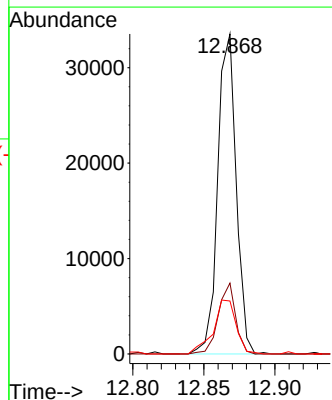
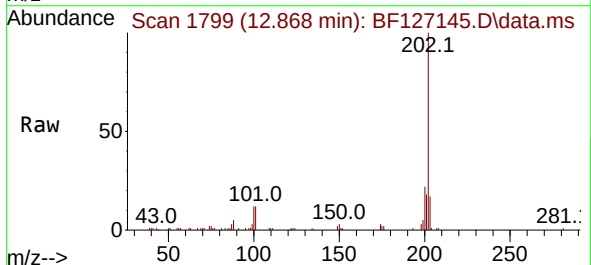
Instrument :
BNA_F
ClientSampleId :
DUM-9

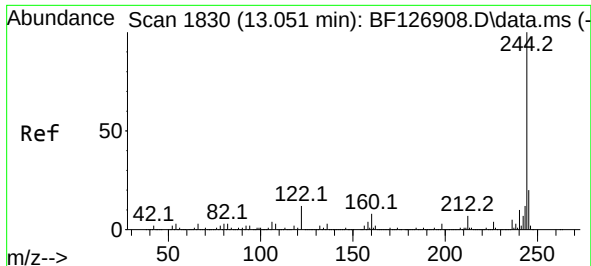
Tgt Ion:184 Resp: 11808
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 5.8 8.2 12.2#



#78
Pyrene
Concen: 2.684 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:202 Resp: 30283
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 16.6 13.8 20.8

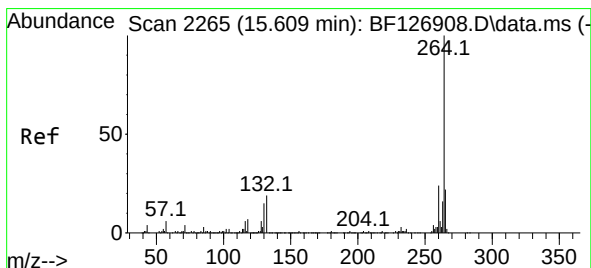
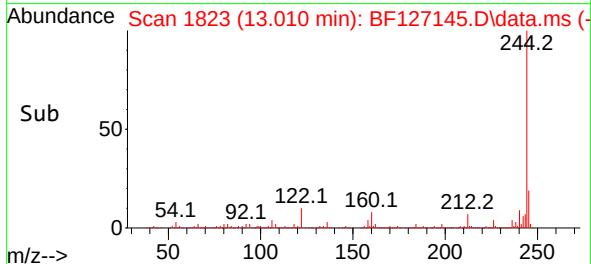
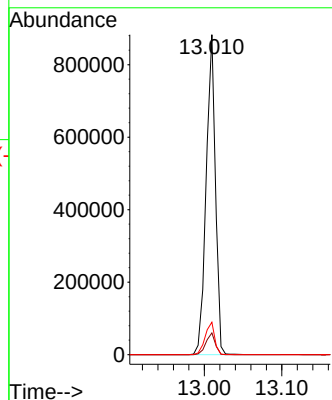
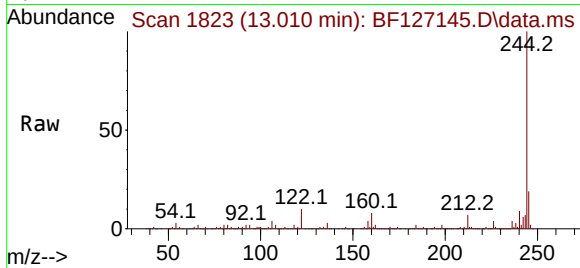




#79
 Terphenyl-d14
 Concen: 83.125 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127145.D
 Acq: 02 Mar 2022 14:14

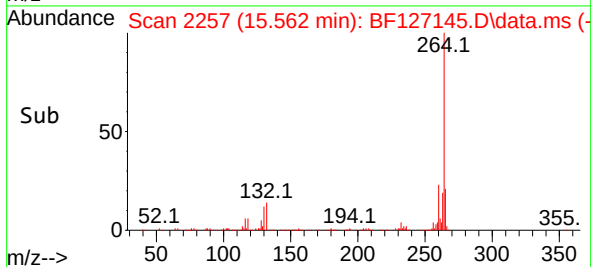
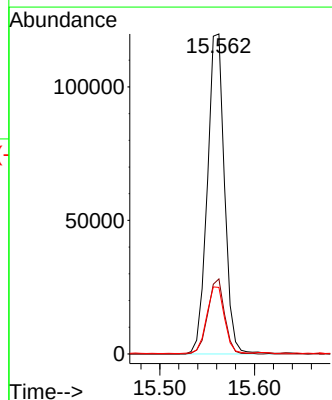
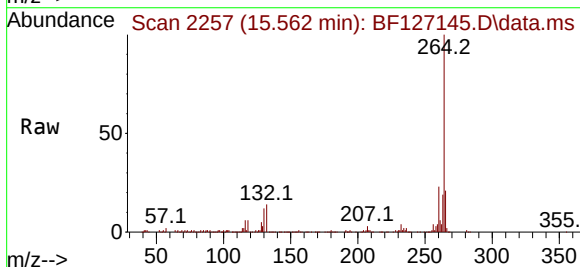
Instrument :
 BNA_F
 ClientSampleId :
 DUM-9

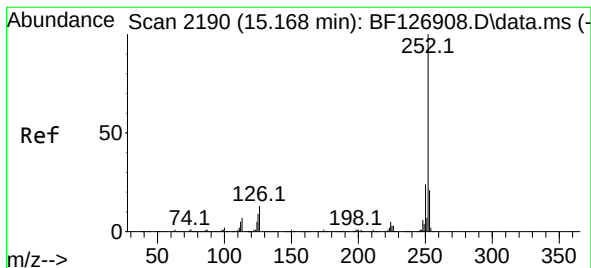
Tgt Ion:244 Resp: 734220
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127145.D
 Acq: 02 Mar 2022 14:14

Tgt Ion:264 Resp: 150262
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.8 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.229 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

Instrument :

BNA_F

ClientSampleId :

DUM-9

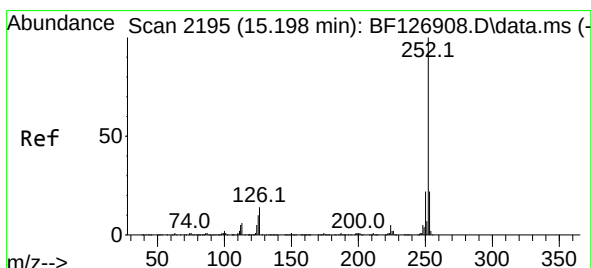
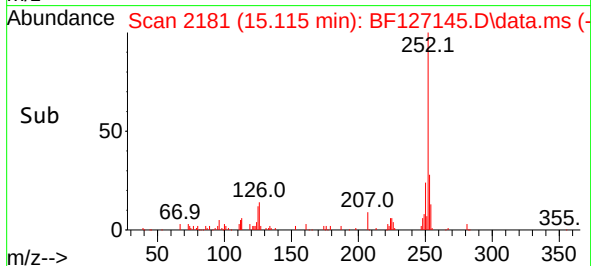
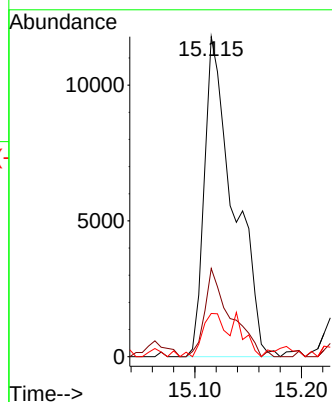
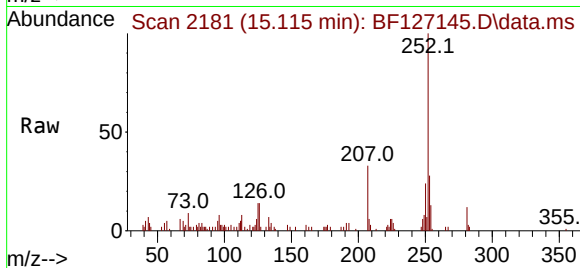
Tgt Ion:252 Resp: 22499

Ion Ratio Lower Upper

252 100

253 27.5 17.8 26.8#

125 13.5 12.4 18.6



#89

Benzo(k)fluoranthene

Concen: 2.311 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.041 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

Tgt Ion:252 Resp: 22499

Ion Ratio Lower Upper

252 100

253 27.5 17.5 26.3#

125 13.5 11.8 17.6

