

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127155.D
 Acq On : 02 Mar 2022 19:06
 Operator : CG\JU
 Sample : N1722-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-7

Quant Time: Mar 03 00:57:32 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	6.887	152	82189	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	330554	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	164181	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	248276	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	131413	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	160353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	532808	100.195	ng	0.00
7) Phenol-d6	6.516	99	688687	95.978	ng	0.00
23) Nitrobenzene-d5	7.451	82	474261	64.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	169582	89.711	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	739337	66.294	ng	0.00
79) Terphenyl-d14	13.004	244	484829	54.235	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	65644	14.197	ng	# 80
25) Isophorone	7.451	82	474254	39.136	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	20989	8.791	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	20989	6.502	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	9947	3.586	ng	# 1
75) Fluoranthene	12.633	202	45201	3.426	ng	96
77) Benzidine	13.004	184	7164	2.006	ng	# 88
78) Pyrene	12.863	202	35248	3.087	ng	98
83) Chrysene	14.092	228	19361	2.324	ng	95
88) Benzo(b)fluoranthene	15.115	252	40791	3.787	ng	# 93
89) Benzo(k)fluoranthene	15.115	252	40791	3.927	ng	# 94

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

Quant Time: Mar 03 00:57:32 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
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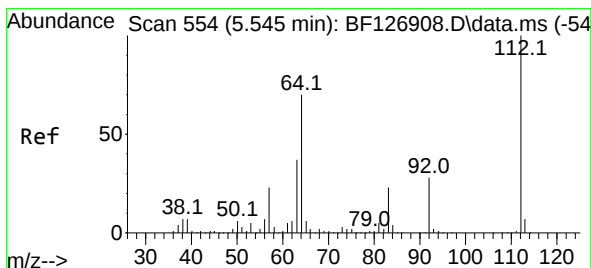
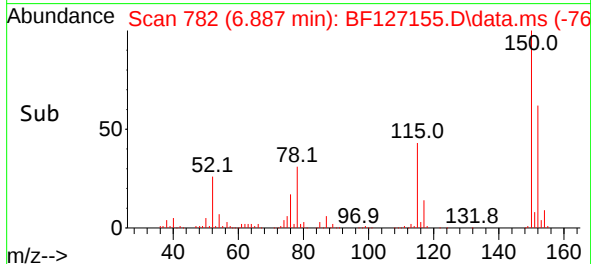
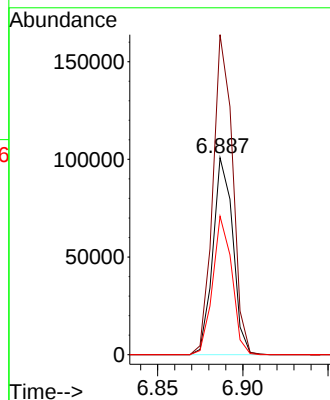
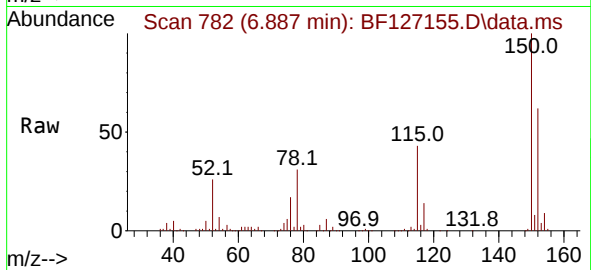




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

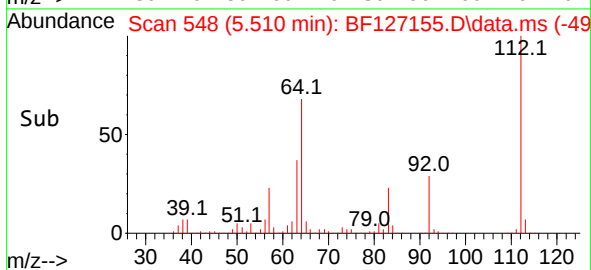
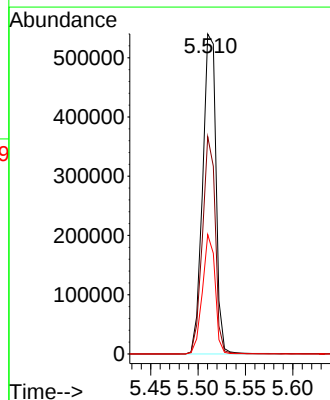
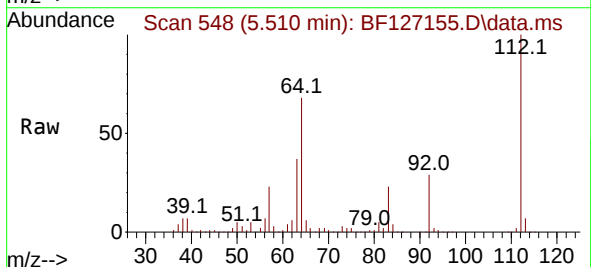
Instrument :
BNA_F
ClientSampleId :
DUM-7

Tgt Ion:152 Resp: 82189
Ion Ratio Lower Upper
152 100
150 162.5 128.1 192.1
115 70.3 56.7 85.1



#5
2-Fluorophenol
Concen: 100.195 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:112 Resp: 532808
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.3 23.9 35.9#

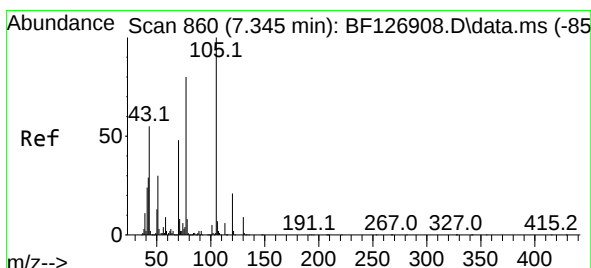
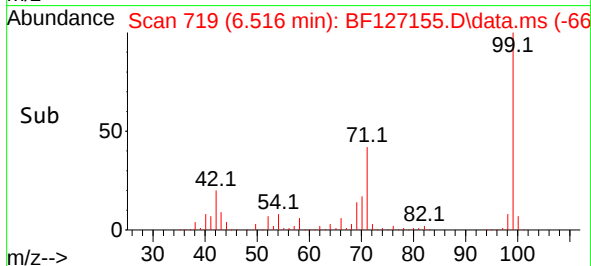
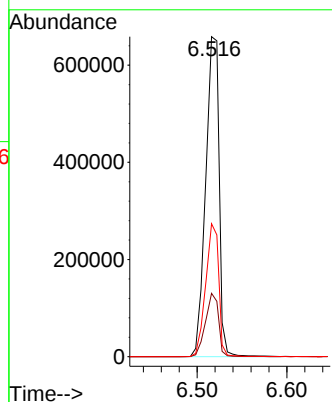
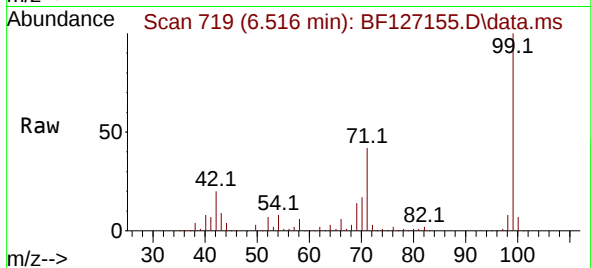




#7
Phenol-d6
Concen: 95.978 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

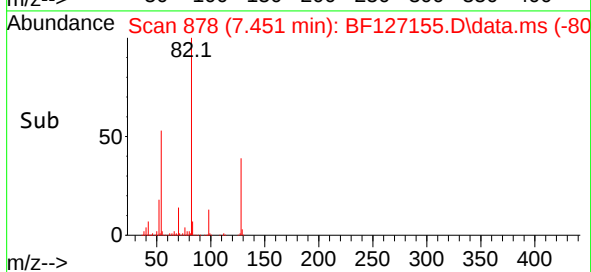
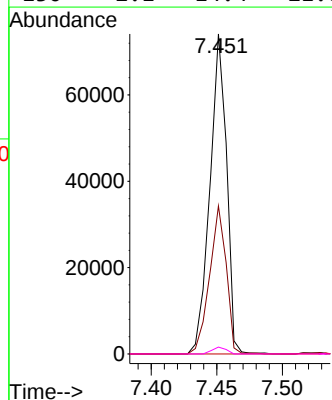
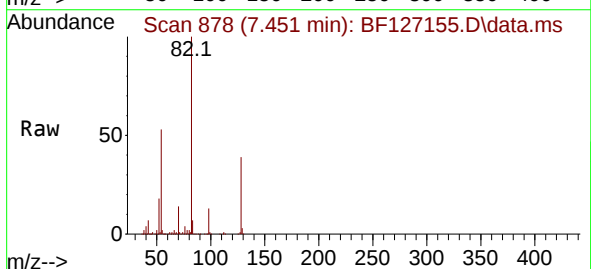
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BNA_F
ClientSampleId :
DUM-7

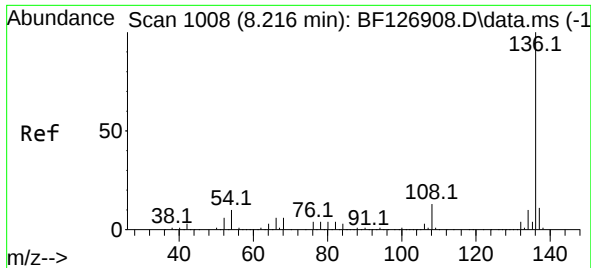
Tgt Ion: 99 Resp: 688687
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 41.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.197 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion: 70 Resp: 65644
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

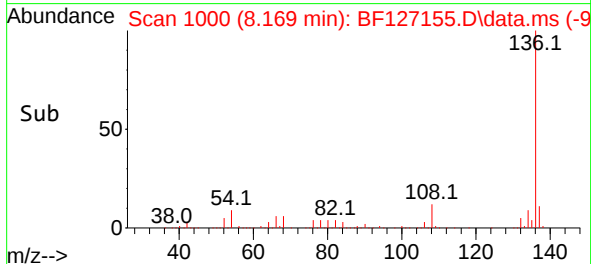
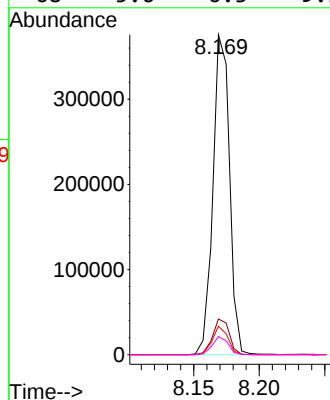
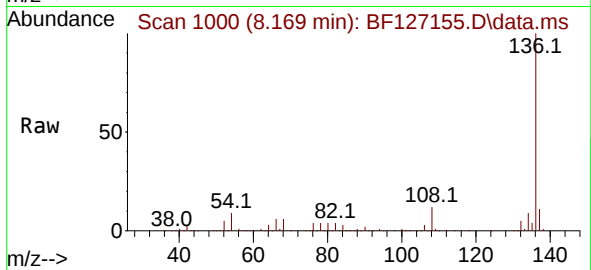




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

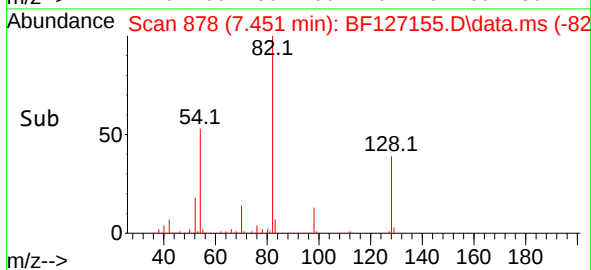
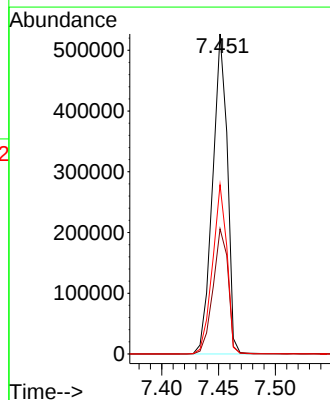
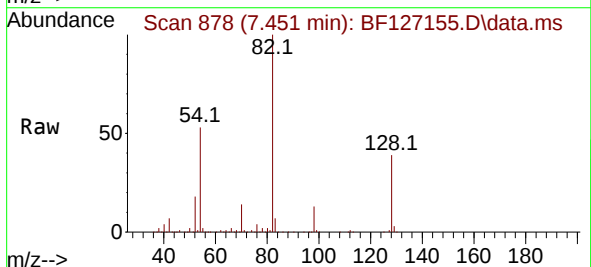
Instrument :
BNA_F
ClientSampleId :
DUM-7

Tgt Ion:136 Resp: 330554
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 64.761 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion: 82 Resp: 474261
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 52.9 41.7 62.5

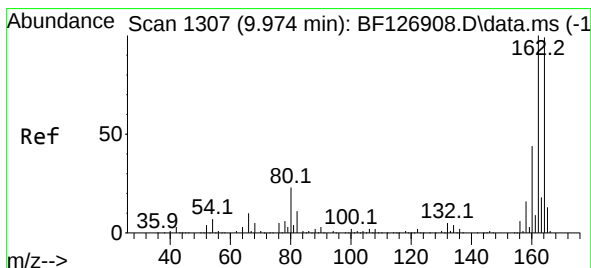
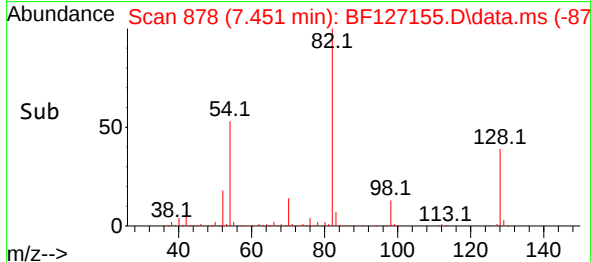
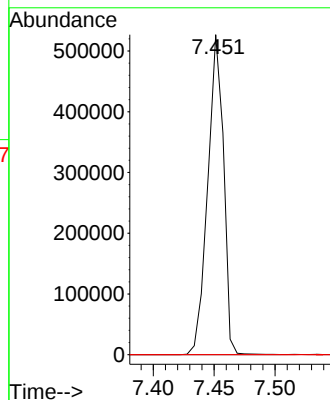
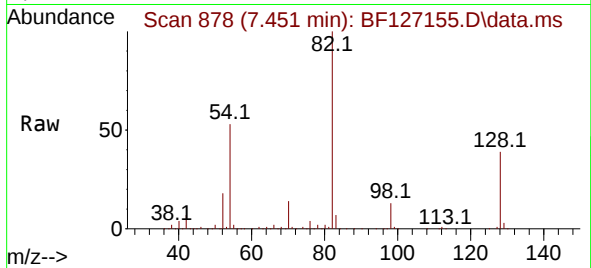




#25
Isophorone
Concen: 39.136 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

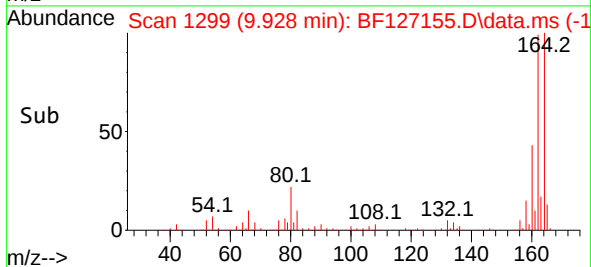
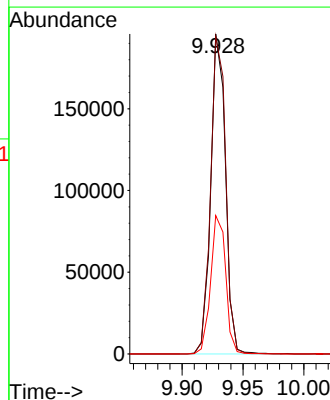
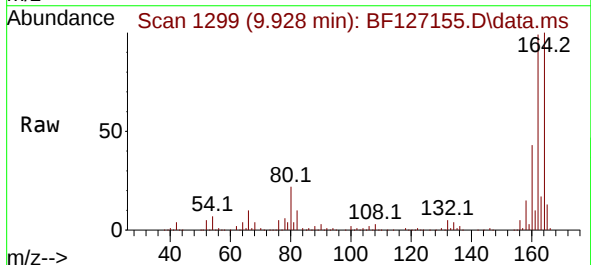
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ClientSampleId :
DUM-7

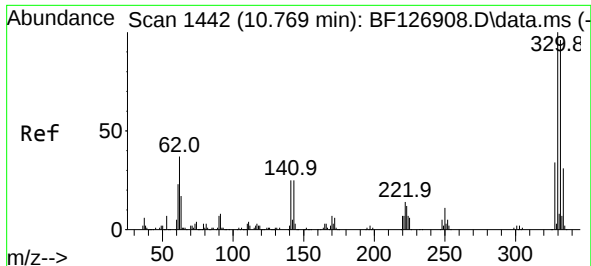
Tgt Ion: 82 Resp: 474254
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:164 Resp: 164181
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.2 36.6 54.8

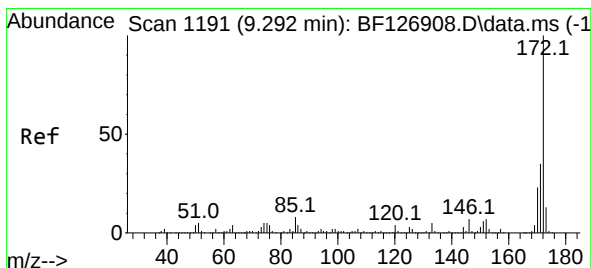
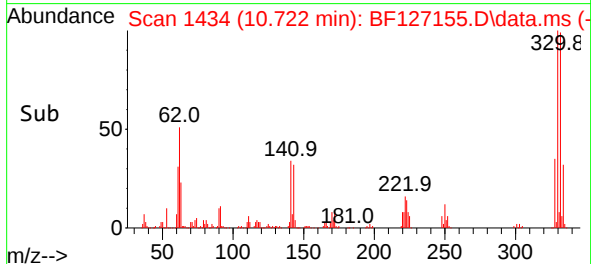
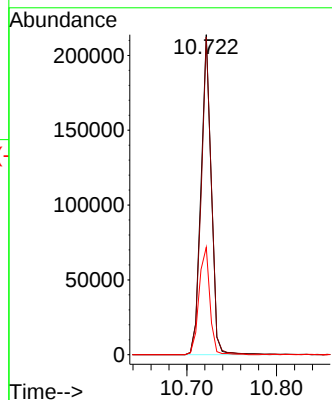
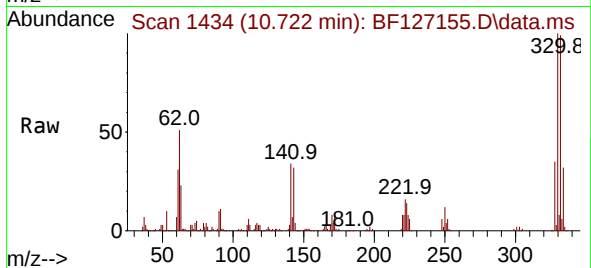




#42
2,4,6-Tribromophenol
Concen: 89.711 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

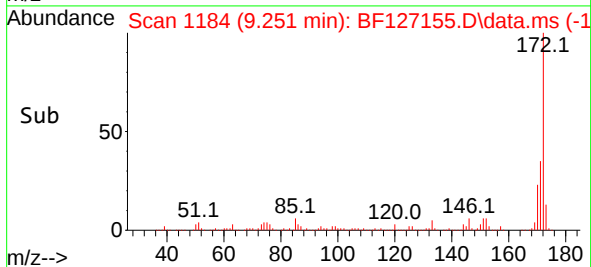
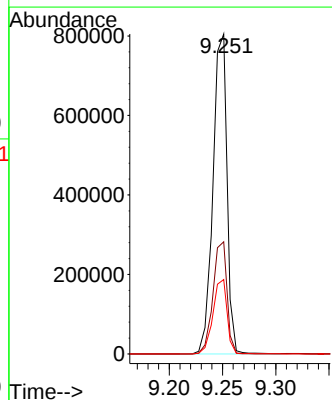
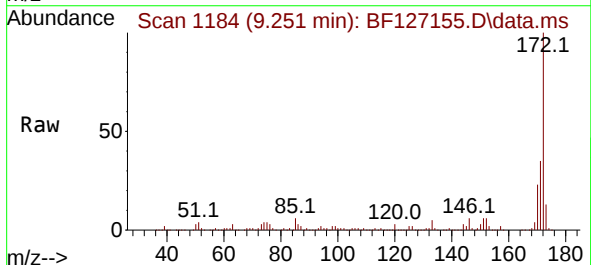
Instrument :
BNA_F
ClientSampleId :
DUM-7

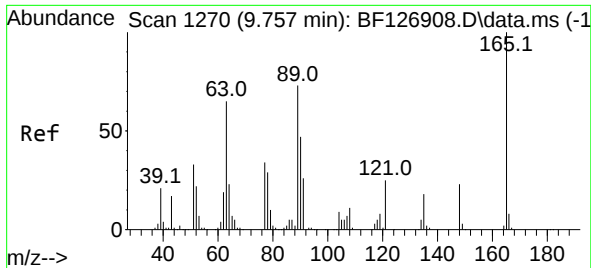
Tgt Ion:330 Resp: 169582
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 35.4 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 66.294 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:172 Resp: 739337
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6

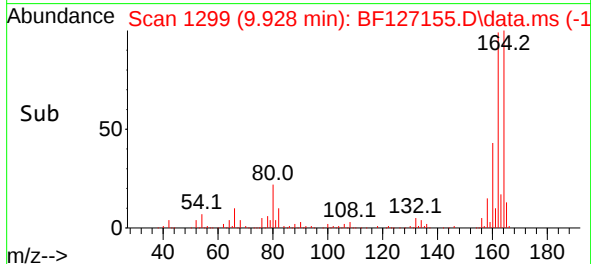
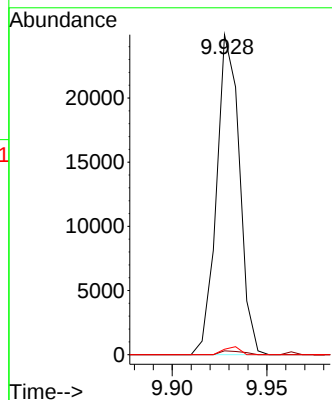
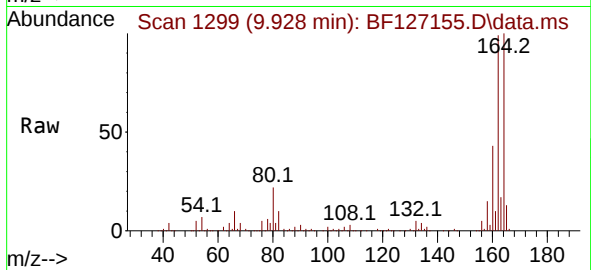




#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.928 min Scan# 1270
Delta R.T. 0.206 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

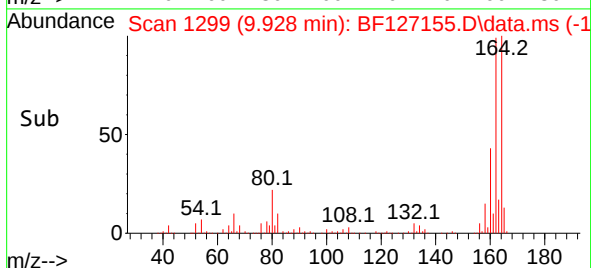
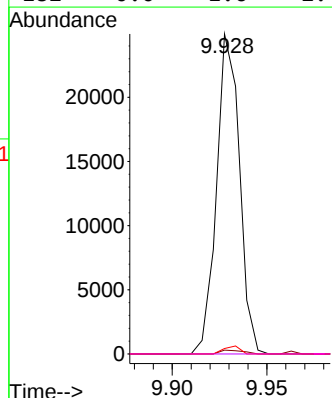
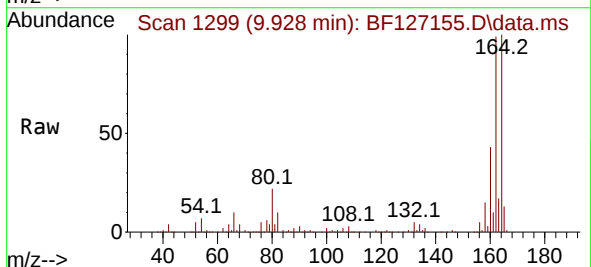
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ClientSampleId :
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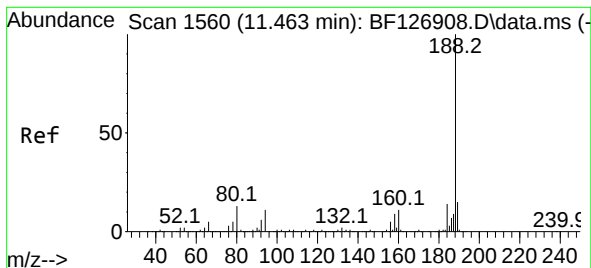
Tgt Ion:165 Resp: 20989
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:165 Resp: 20989
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7

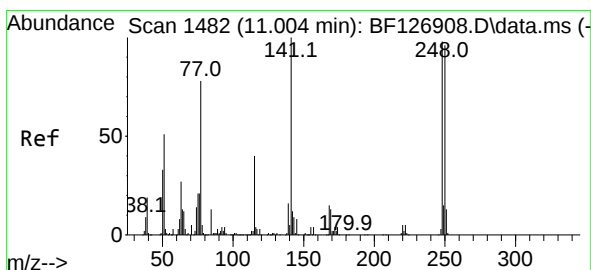
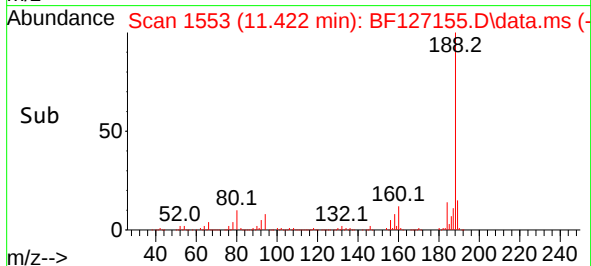
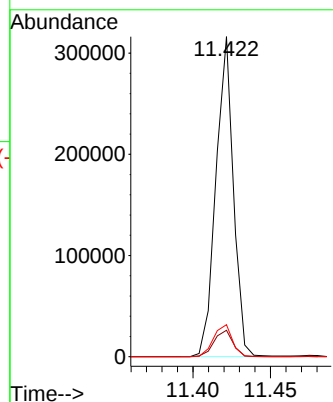
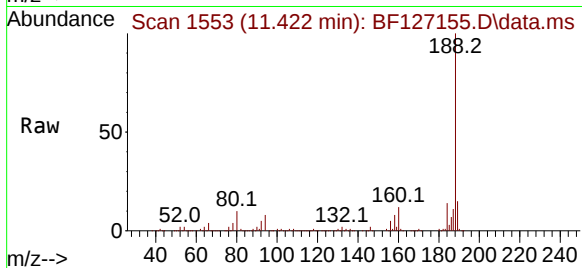
Tgt Ion:188 Resp: 248276

Ion Ratio Lower Upper

188 100

94 8.3 10.1 15.1#

80 10.0 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.586 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

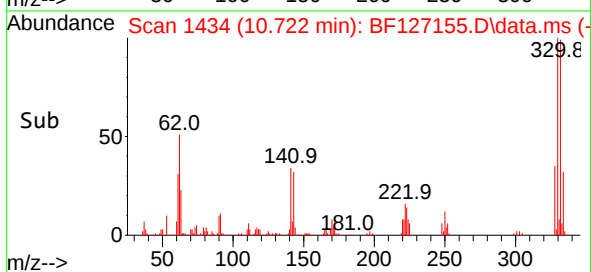
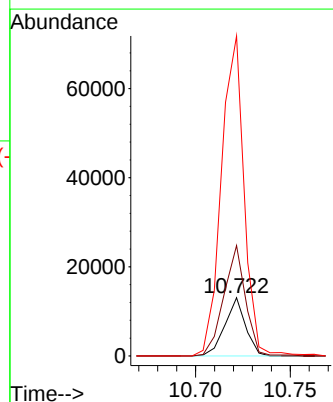
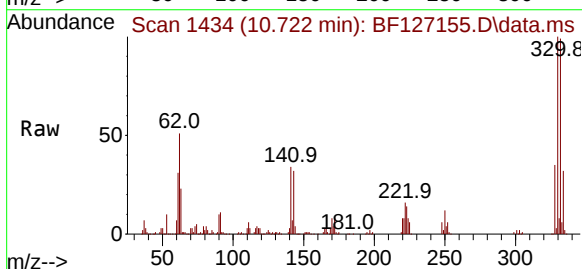
Tgt Ion:248 Resp: 9947

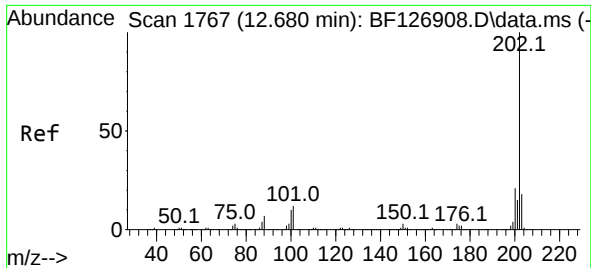
Ion Ratio Lower Upper

248 100

250 189.5 76.2 114.4#

141 549.7 66.2 99.4#

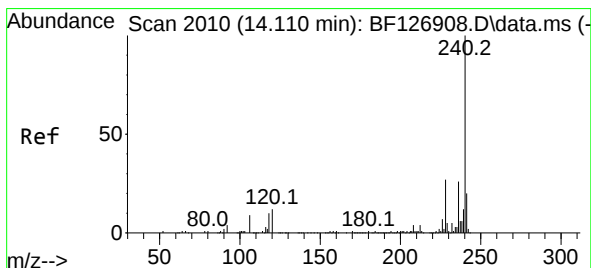
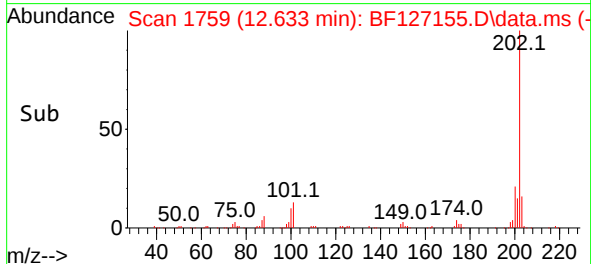
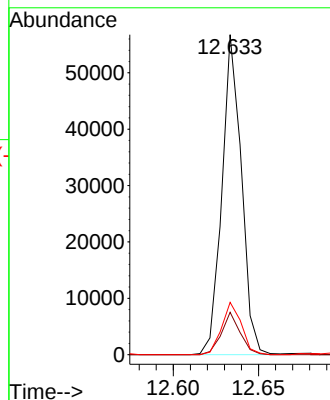
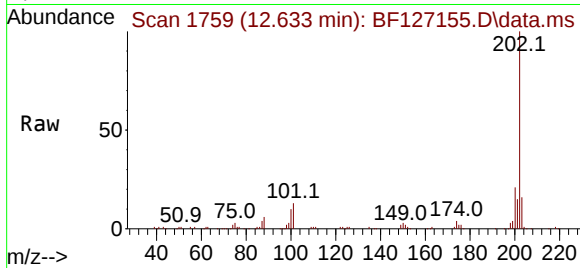




#75
Fluoranthene
Concen: 3.426 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

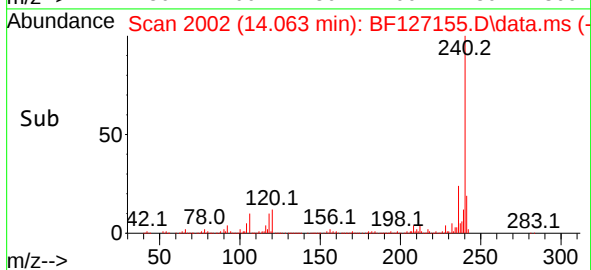
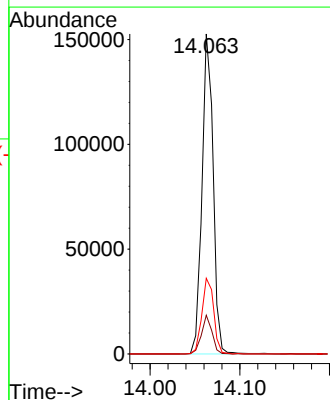
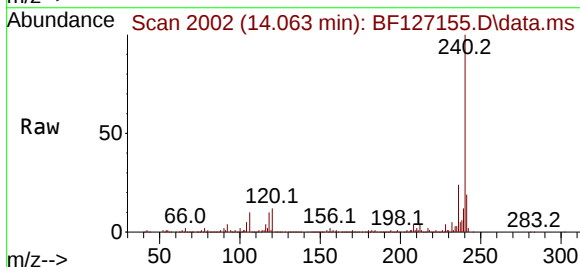
Instrument :
BNA_F
ClientSampleId :
DUM-7

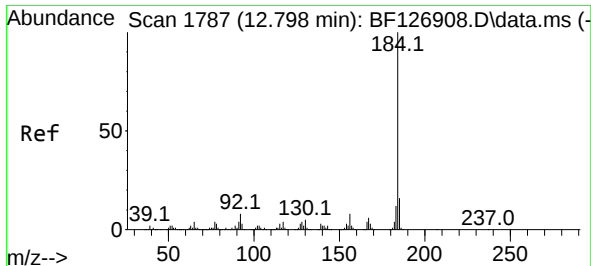
Tgt Ion:202 Resp: 45201
Ion Ratio Lower Upper
202 100
101 13.2 0.0 35.7
203 16.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:240 Resp: 131413
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6#
236 23.7 20.5 30.7

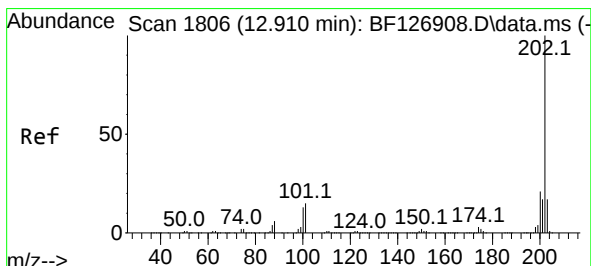
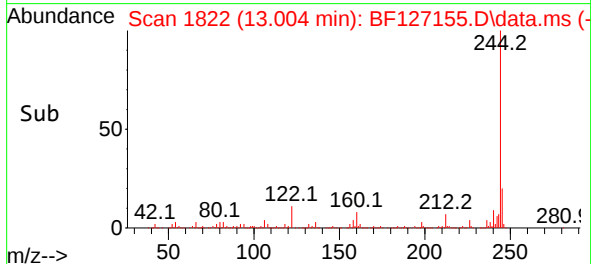
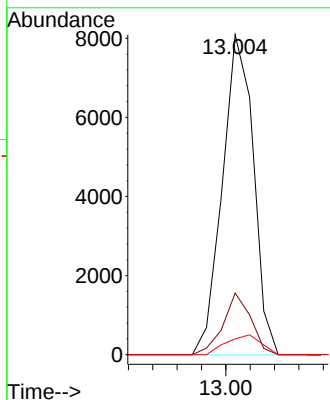
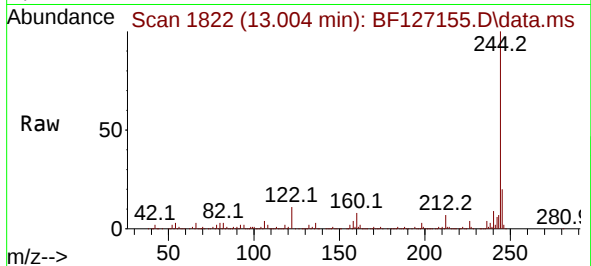




#77
Benzidine
Concen: 2.006 ng
RT: 13.004 min Scan# 1798
Delta R.T. 0.241 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

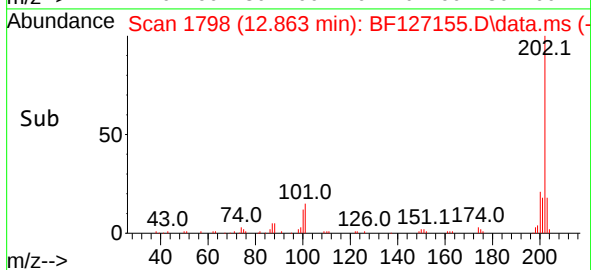
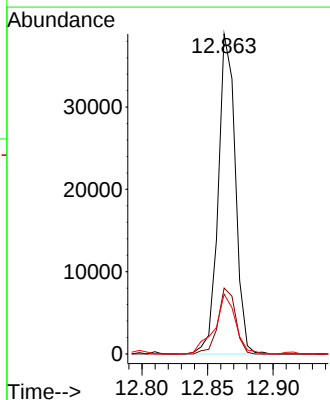
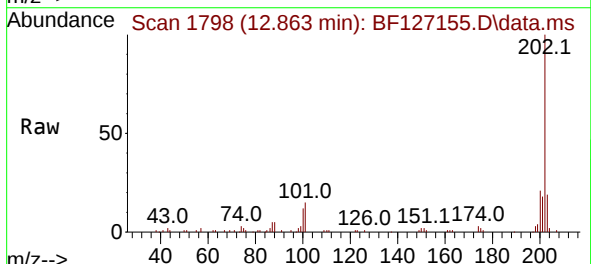
Instrument :
BNA_F
ClientSampleId :
DUM-7

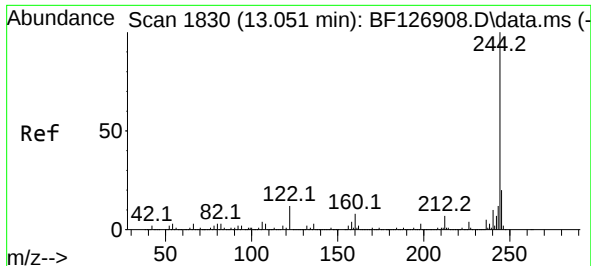
Tgt Ion:184 Resp: 7164
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.8#
183 5.0 8.2 12.2#



#78
Pyrene
Concen: 3.087 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Tgt Ion:202 Resp: 35248
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.7 13.8 20.8

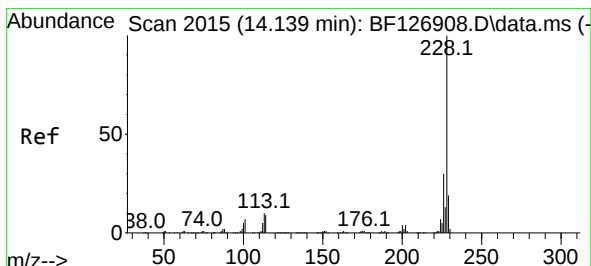
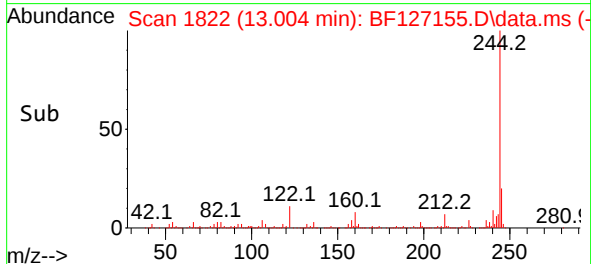
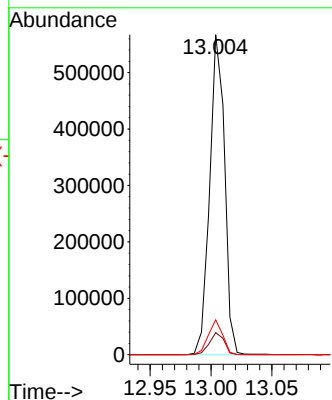
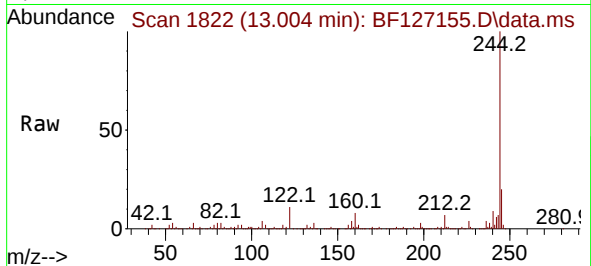




#79
 Terphenyl-d14
 Concen: 54.235 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF127155.D
 Acq: 02 Mar 2022 19:06

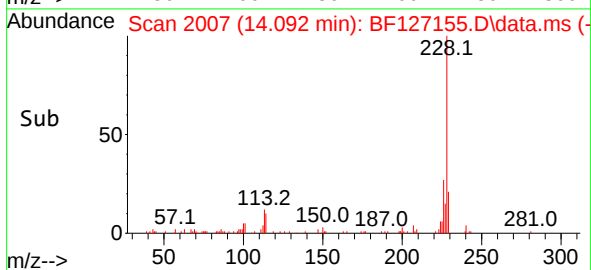
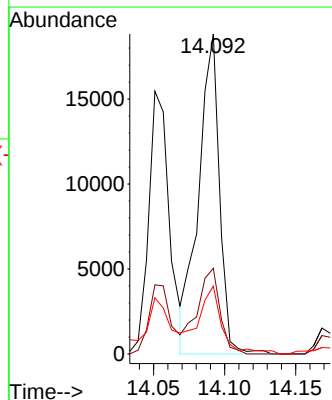
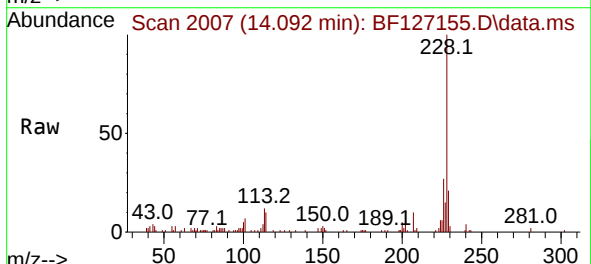
Instrument :
 BNA_F
 ClientSampleId :
 DUM-7

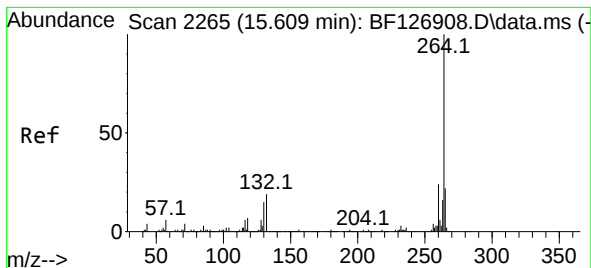
Tgt Ion:244 Resp: 484829
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.9 13.3 19.9#



#83
 Chrysene
 Concen: 2.324 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. -0.012 min
 Lab File: BF127155.D
 Acq: 02 Mar 2022 19:06

Tgt Ion:228 Resp: 19361
 Ion Ratio Lower Upper
 228 100
 226 26.7 23.7 35.5
 229 21.2 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7

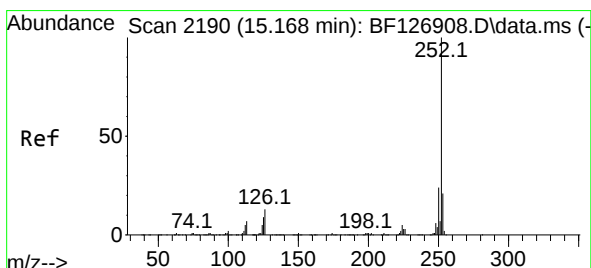
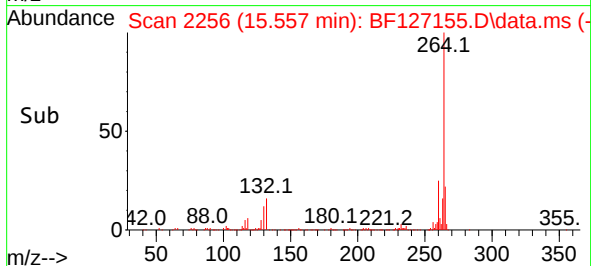
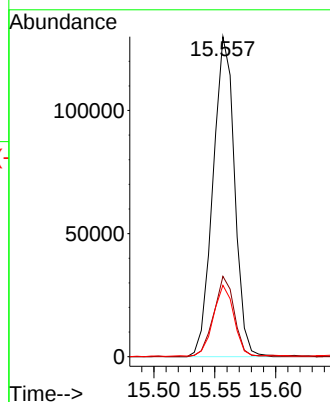
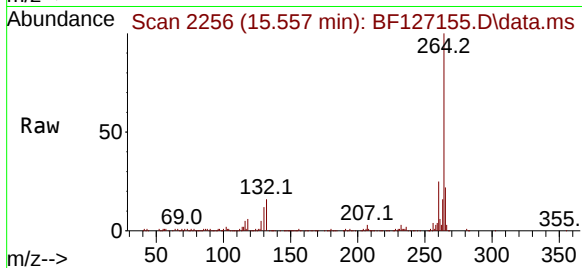
Tgt Ion:264 Resp: 160353

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.787 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

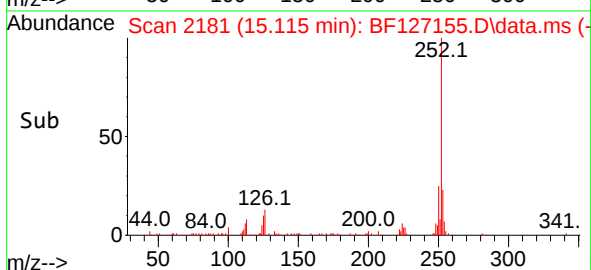
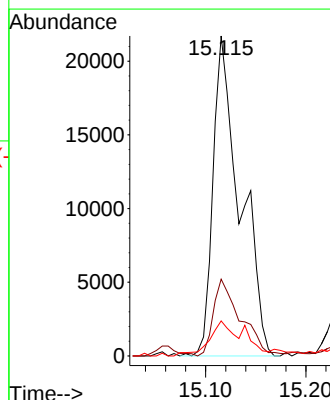
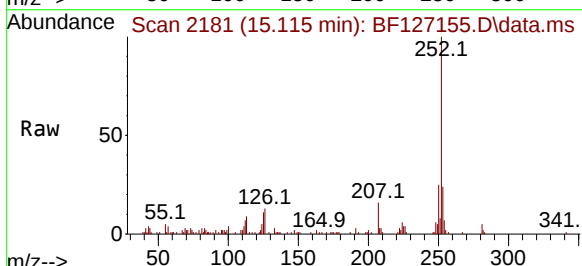
Tgt Ion:252 Resp: 40791

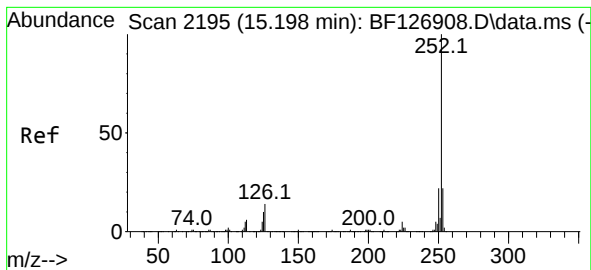
Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

125 11.0 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 3.927 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF127155.D

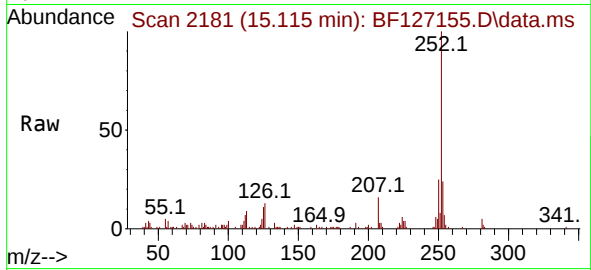
Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7



Tgt Ion:252 Resp: 40791

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

125 11.0 11.8 17.6#

