

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127184.D
 Acq On : 03 Mar 2022 21:24
 Operator : CG\JU
 Sample : N1751-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-15

Quant Time: Mar 04 02:15:08 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)

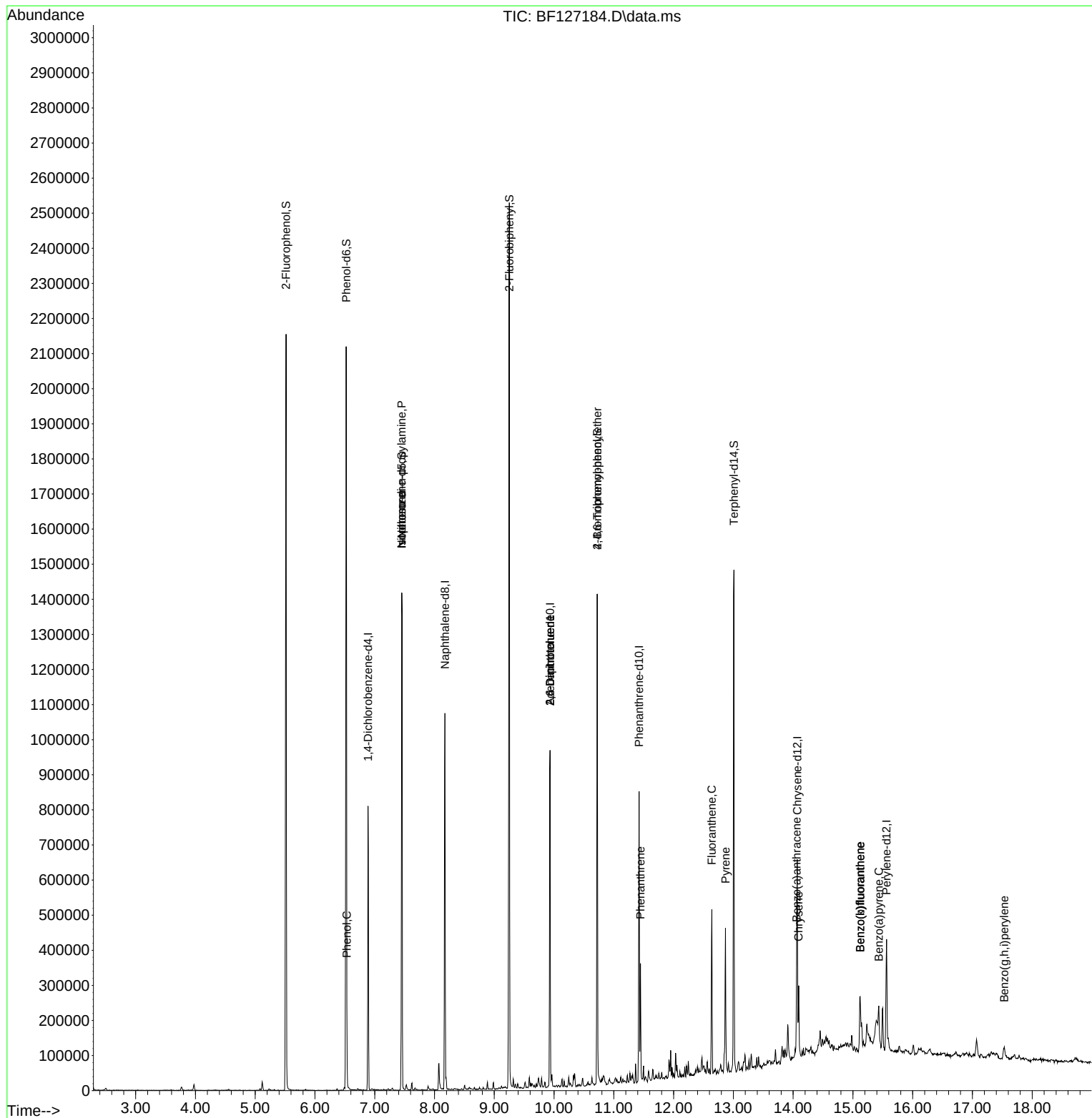
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	110178	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	429996	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	196231	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	259471	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	153234	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	133794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	520733	73.048	ng	0.00
7) Phenol-d6	6.522	99	689496	71.680	ng	0.00
23) Nitrobenzene-d5	7.451	82	477586	50.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	147757	65.398	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	756502	56.754	ng	0.00
79) Terphenyl-d14	13.010	244	479237	45.975	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.534	94	22387	2.303	ng	82
19) n-Nitroso-di-n-propyla...	7.451	70	64337	10.380	ng	# 80
25) Isophorone	7.451	82	477581	30.296	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	25881	9.069	ng	# 20
57) 2,4-Dinitrotoluene	9.934	165	25882	6.708	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	8835	3.048	ng	# 1
71) Phenanthrene	11.445	178	100749	6.937	ng	99
75) Fluoranthene	12.639	202	165834	12.026	ng	93
78) Pyrene	12.869	202	146241	10.985	ng	98
81) Benzo(a)anthracene	14.057	228	61596	5.963	ng	98
83) Chrysene	14.092	228	65294	6.721	ng	96
88) Benzo(b)fluoranthene	15.121	252	109735	12.212	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	109735	12.661	ng	# 93
90) Benzo(a)pyrene	15.433	252	40650	5.791	ng	94
92) Benzo(g,h,i)perylene	17.533	276	30480	4.261	ng	# 89

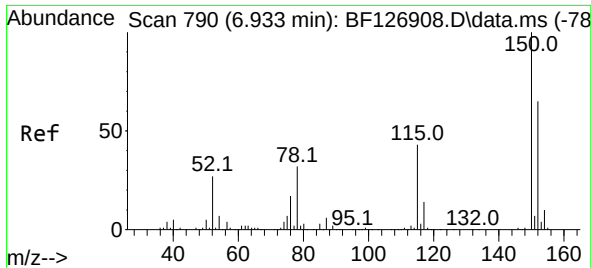
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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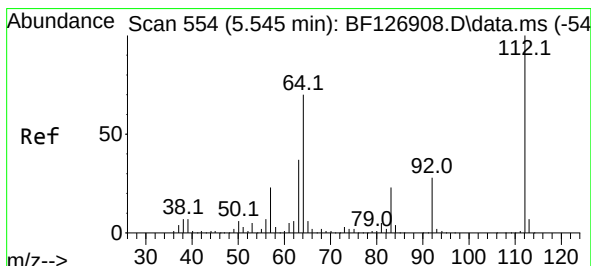
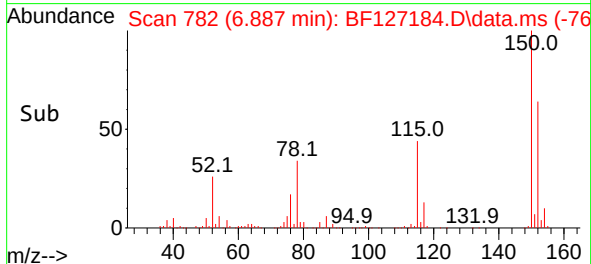
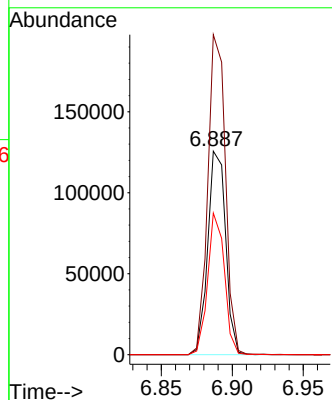
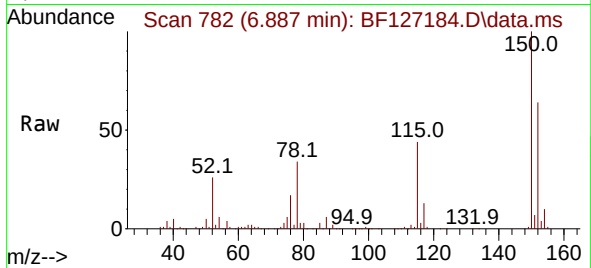




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

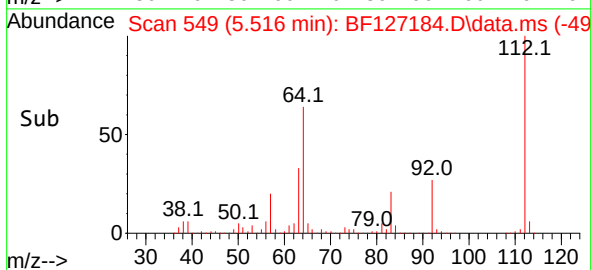
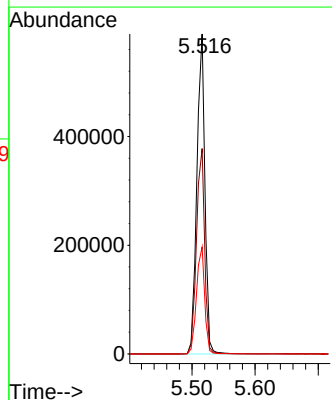
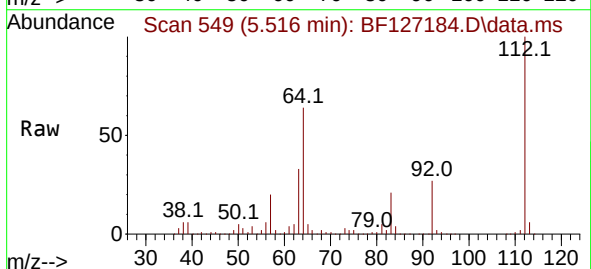
Instrument :
BNA_F
ClientSampleId :
DUM-15

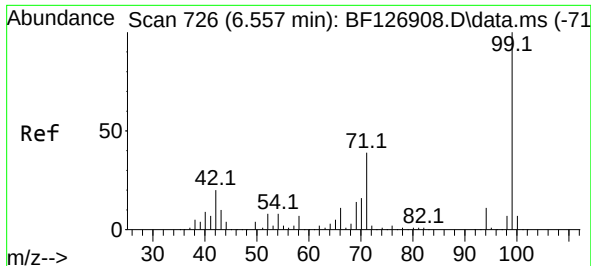
Tgt Ion:152 Resp: 110178
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 69.6 56.7 85.1



#5
2-Fluorophenol
Concen: 73.048 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:112 Resp: 520733
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 33.4 23.9 35.9

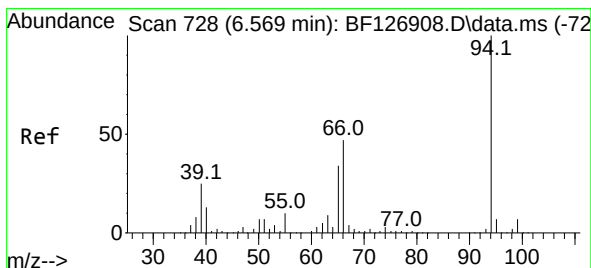
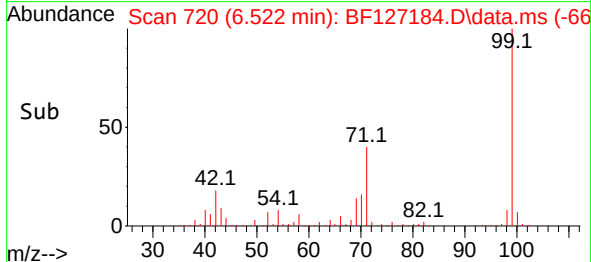
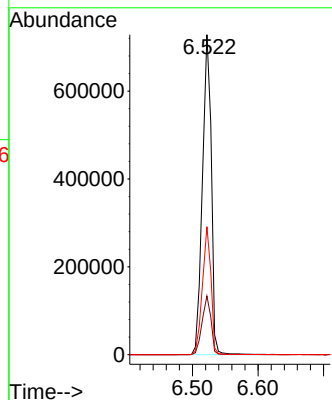
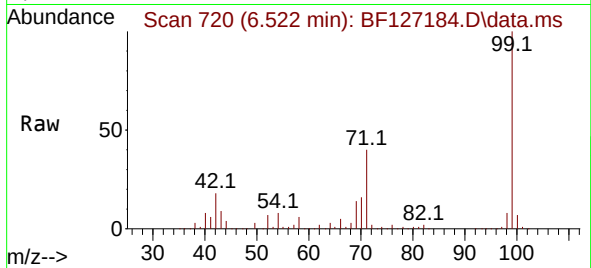




#7
Phenol-d6
Concen: 71.680 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

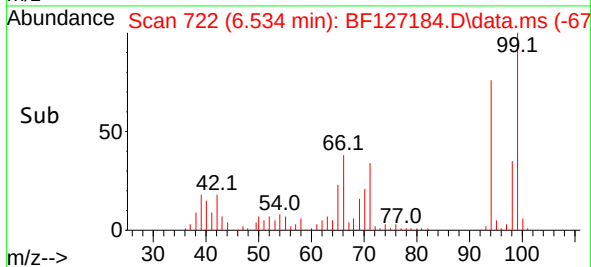
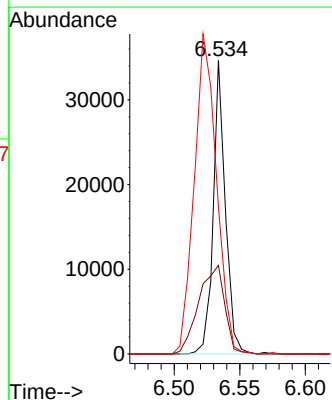
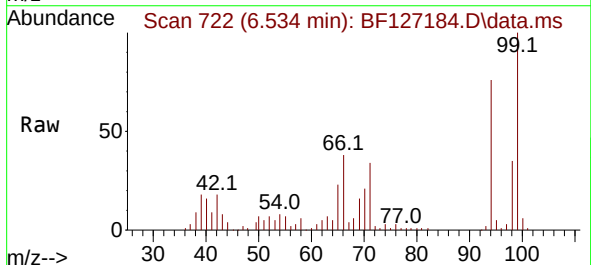
Instrument :
BNA_F
ClientSampleId :
DUM-15

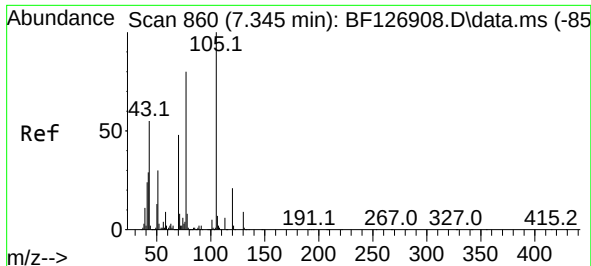
Tgt Ion: 99 Resp: 689496
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 40.0 24.3 36.5#



#10
Phenol
Concen: 2.303 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion: 94 Resp: 22387
Ion Ratio Lower Upper
94 100
65 30.2 7.2 47.2
66 50.1 14.5 54.5

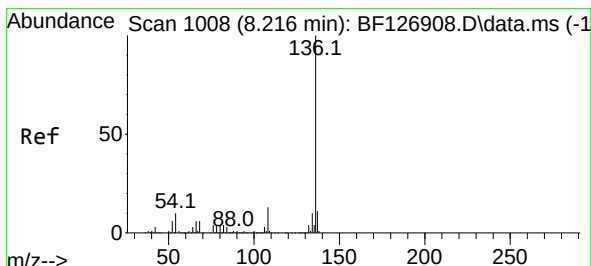
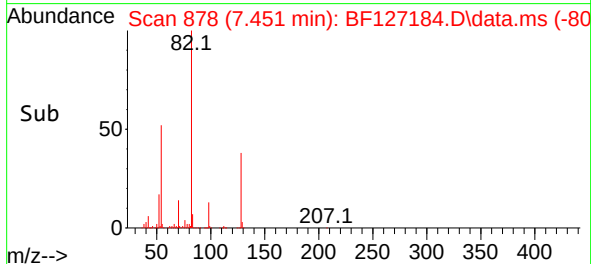
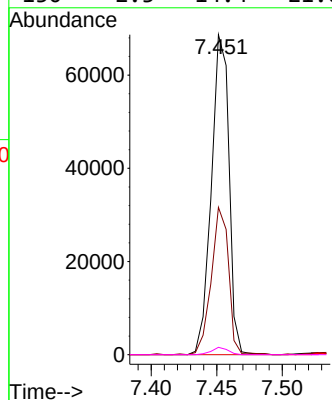
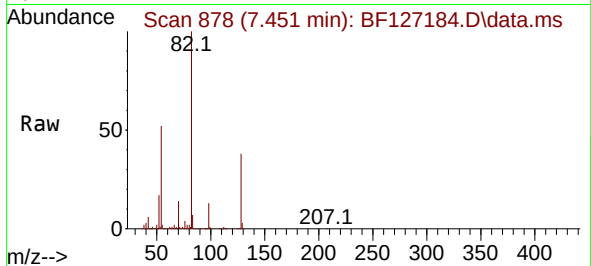




#19
n-Nitroso-di-n-propylamine
Concen: 10.380 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

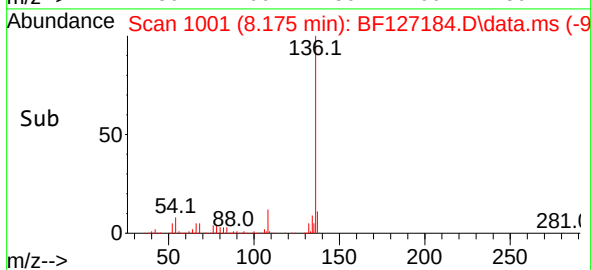
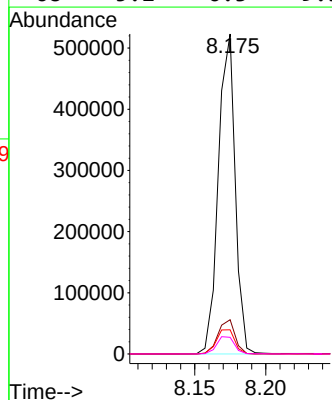
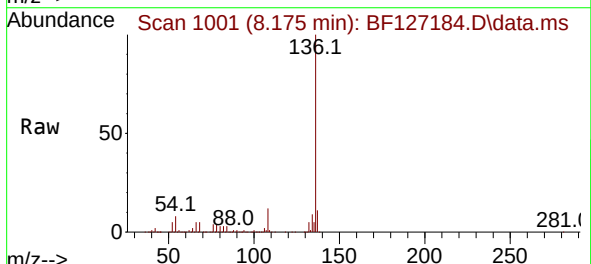
Instrument :
BNA_F
ClientSampleId :
DUM-15

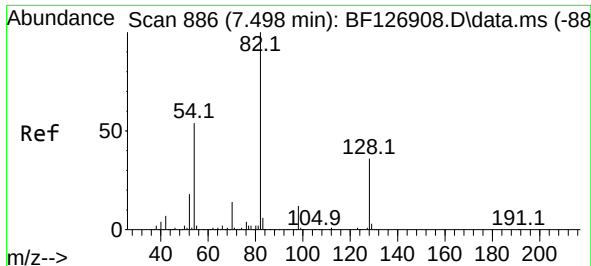
Tgt Ion: 70 Resp: 64337
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:136 Resp: 429996
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.6 7.8 11.6#
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 50.133 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15

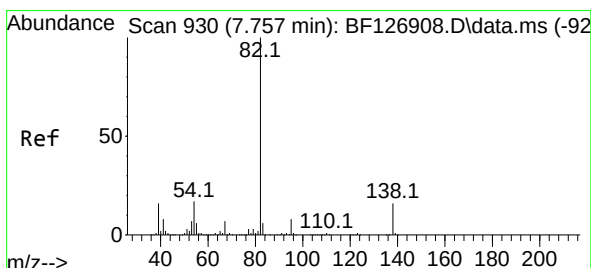
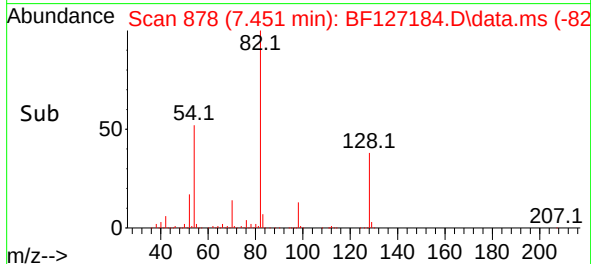
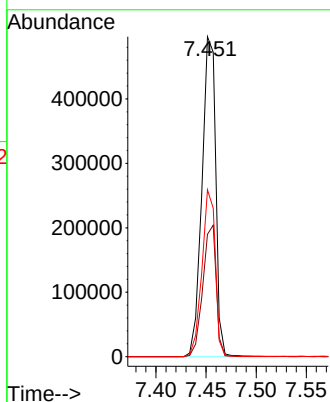
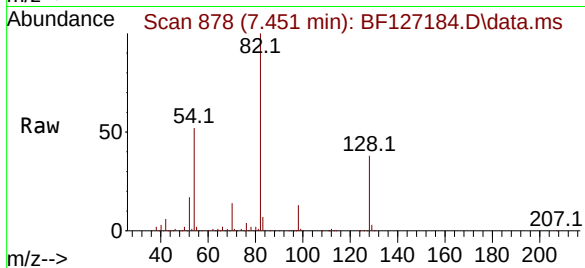
Tgt Ion: 82 Resp: 477586

Ion Ratio Lower Upper

82 100

128 38.3 32.7 49.1

54 52.1 41.7 62.5



#25

Isophorone

Concen: 30.296 ng

RT: 7.451 min Scan# 878

Delta R.T. -0.265 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

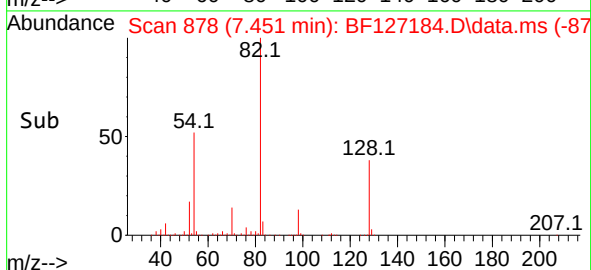
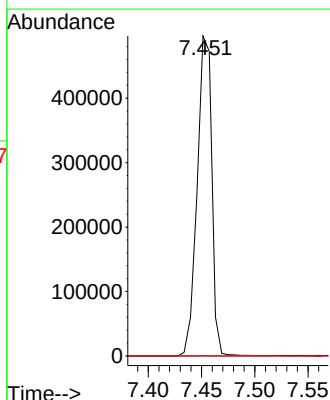
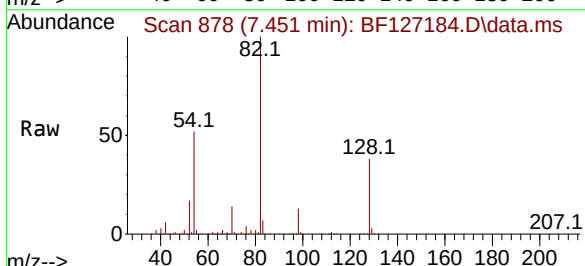
Tgt Ion: 82 Resp: 477581

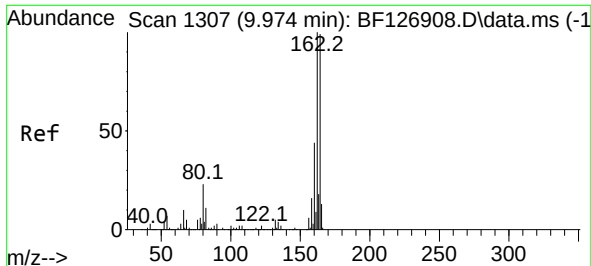
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

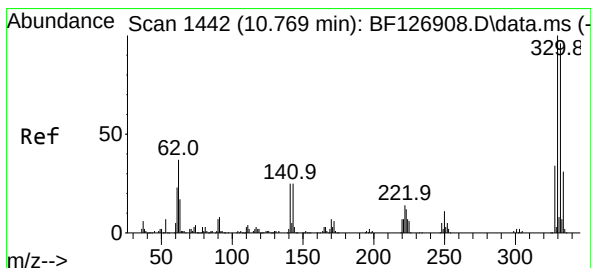
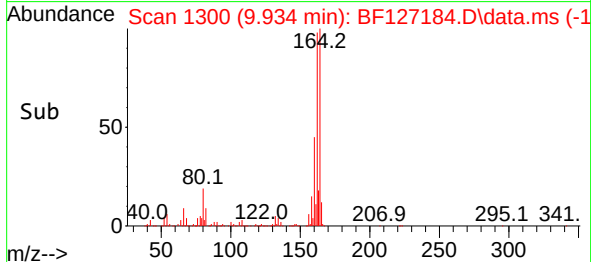
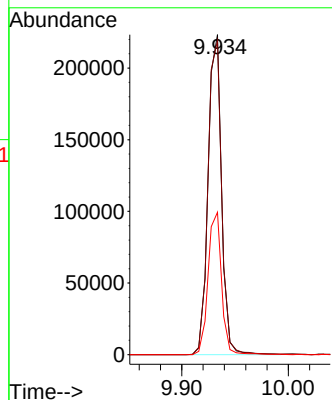
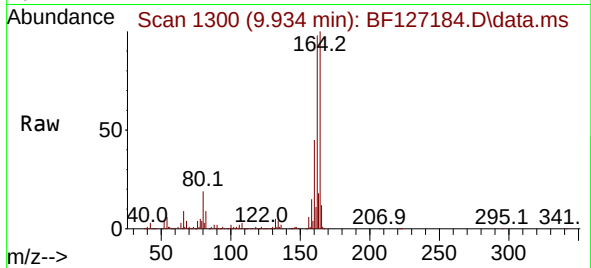




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

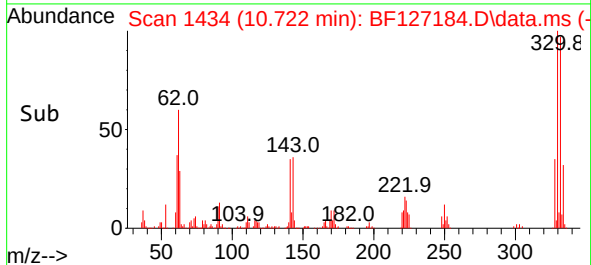
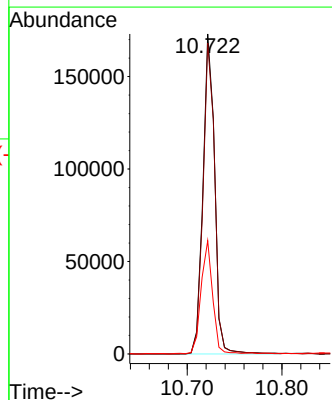
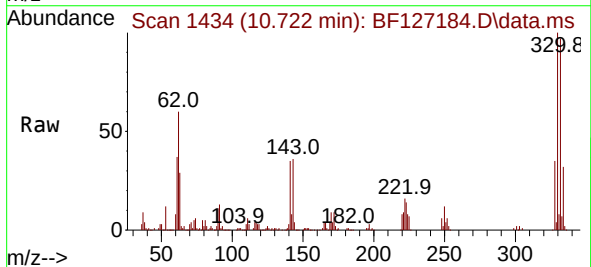
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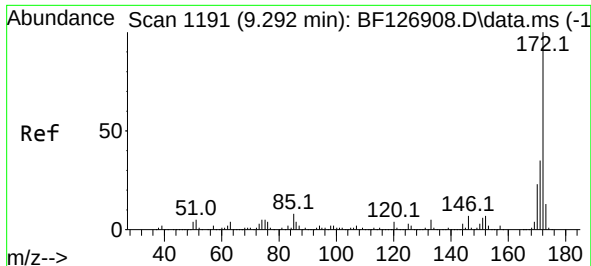
Tgt Ion:164 Resp: 196231
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 44.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 65.398 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:330 Resp: 147757
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 35.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 56.754 ng

RT: 9.251 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15

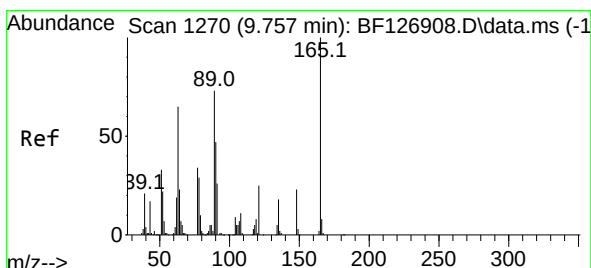
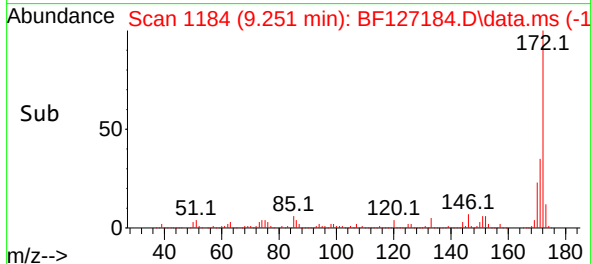
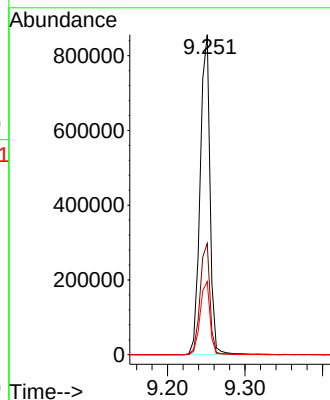
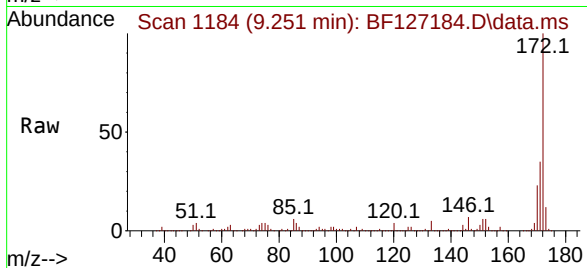
Tgt Ion:172 Resp: 756502

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.069 ng

RT: 9.934 min Scan# 1300

Delta R.T. 0.212 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

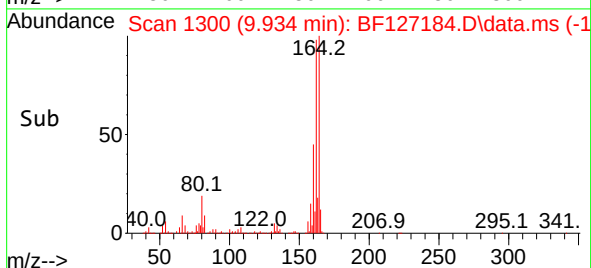
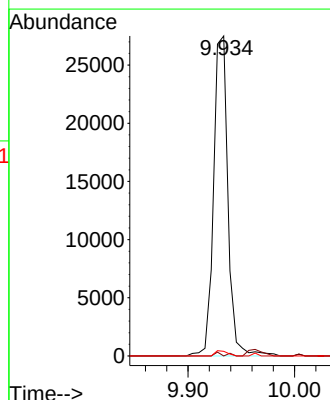
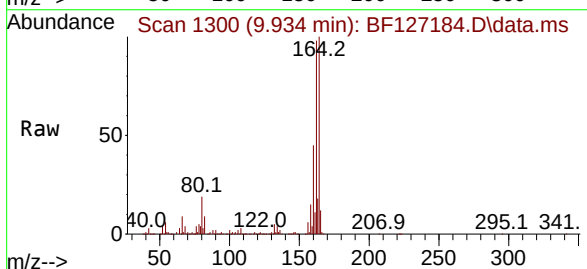
Tgt Ion:165 Resp: 25881

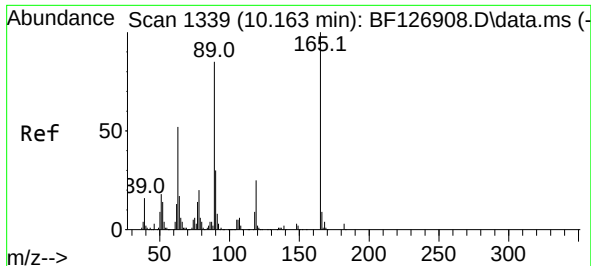
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.5 50.5 75.7#

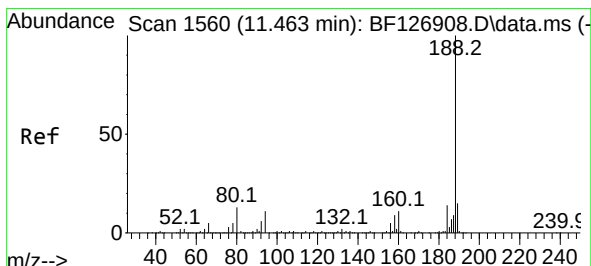
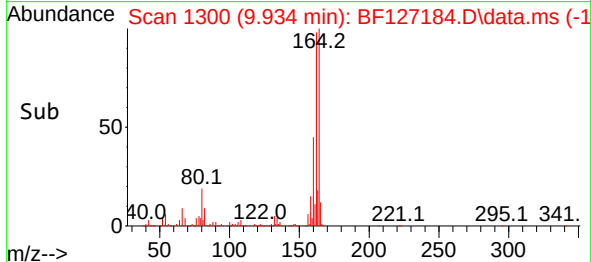
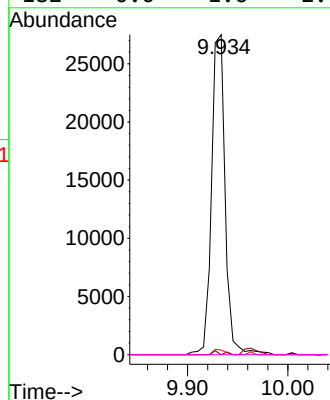
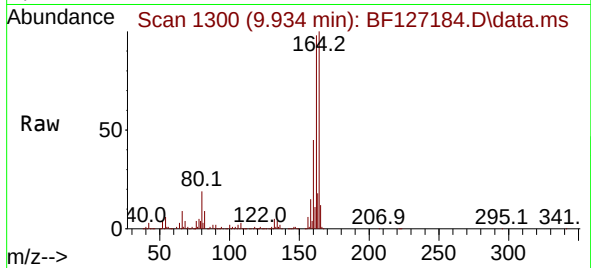




#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

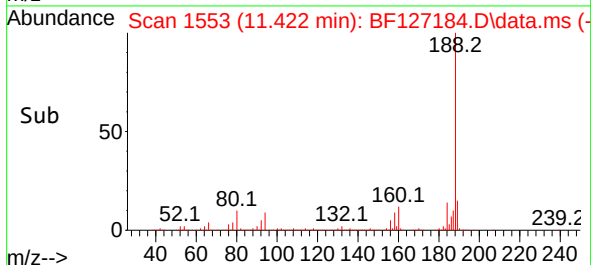
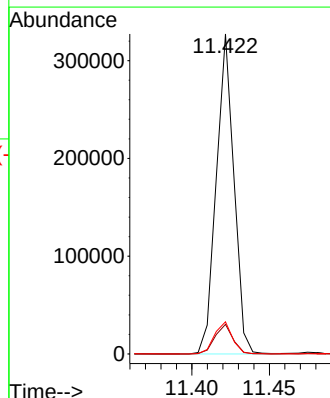
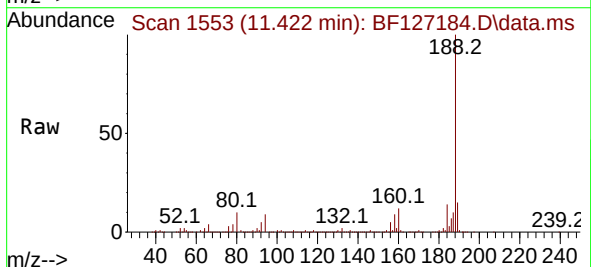
Instrument :
BNA_F
ClientSampleId :
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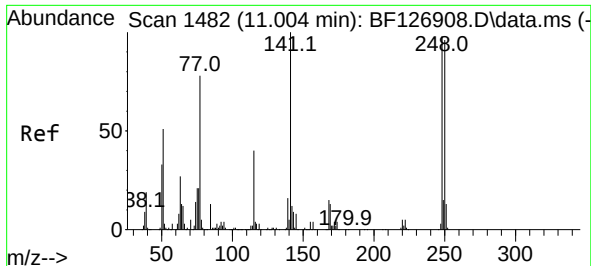
Tgt Ion:165 Resp: 25882
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:188 Resp: 259471
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.1 11.8 17.6#

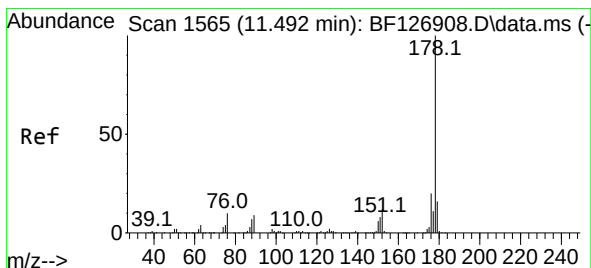
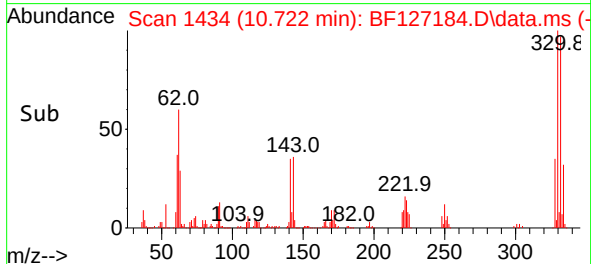
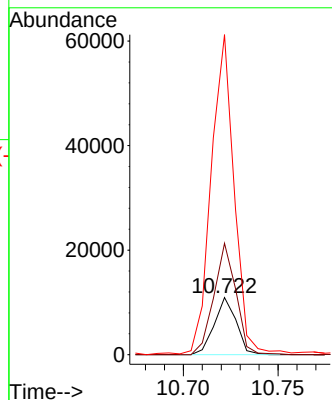
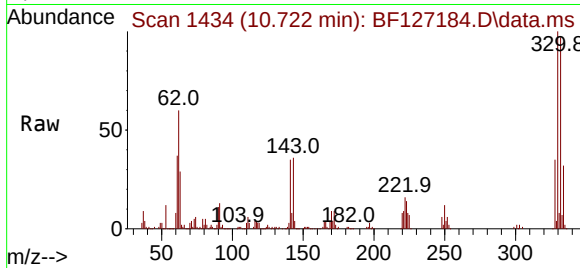




#67
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 10.722 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

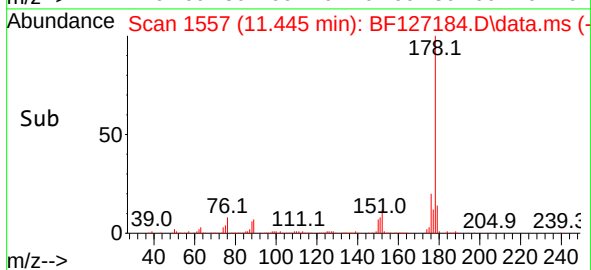
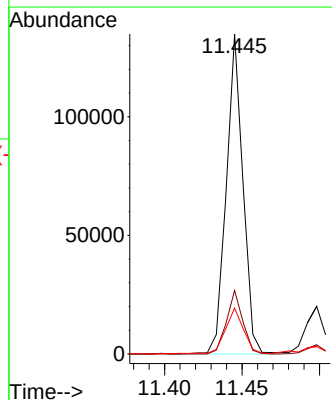
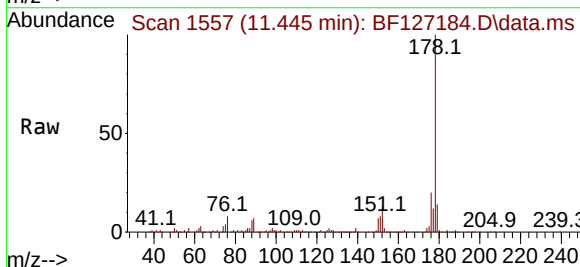
Instrument :
BNA_F
ClientSampleId :
DUM-15

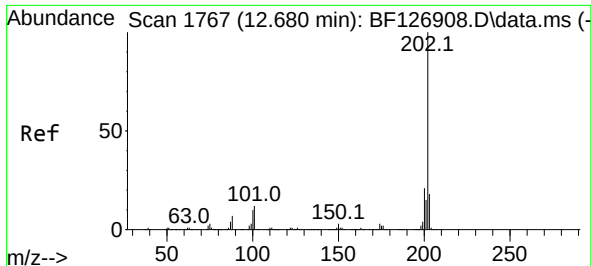
Tgt Ion:248 Resp: 8835
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.4#
141 559.9 66.2 99.4#



#71
Phenanthrene
Concen: 6.937 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:178 Resp: 100749
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 14.4 12.3 18.5

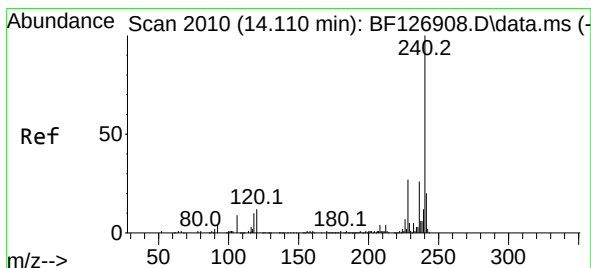
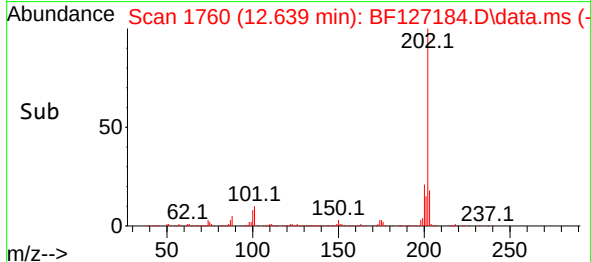
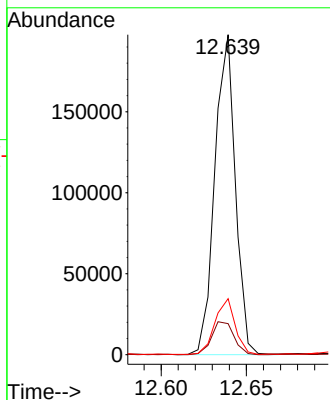
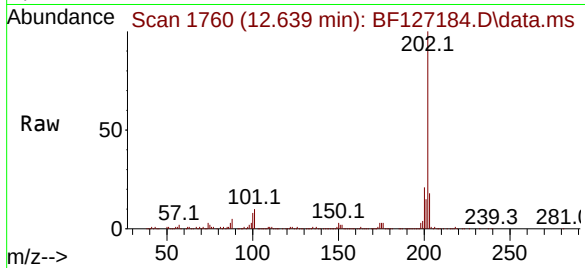




#75
Fluoranthene
Concen: 12.026 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

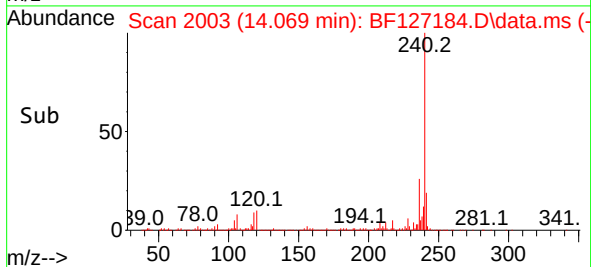
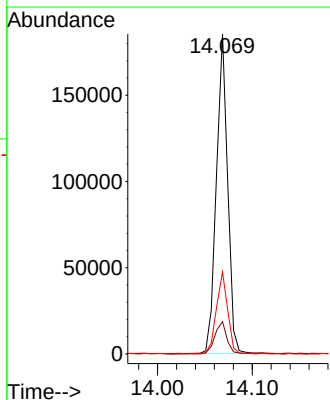
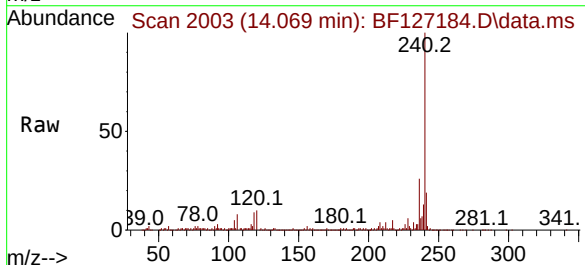
Instrument :
BNA_F
ClientSampleId :
DUM-15

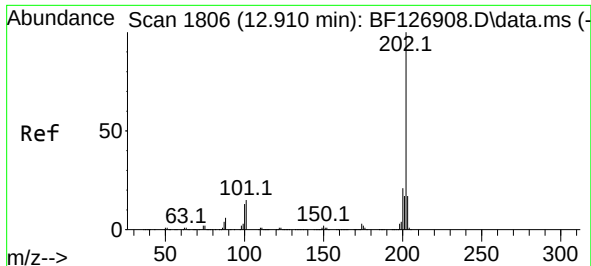
Tgt Ion:202 Resp: 165834
Ion Ratio Lower Upper
202 100
101 9.7 0.0 35.7
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:240 Resp: 153234
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.6 20.5 30.7

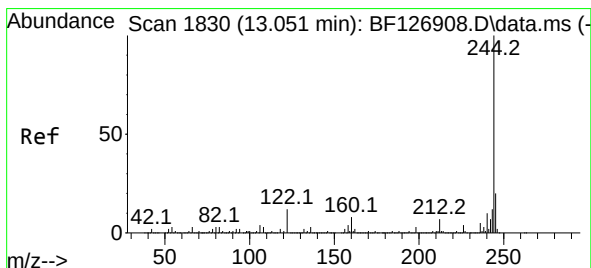
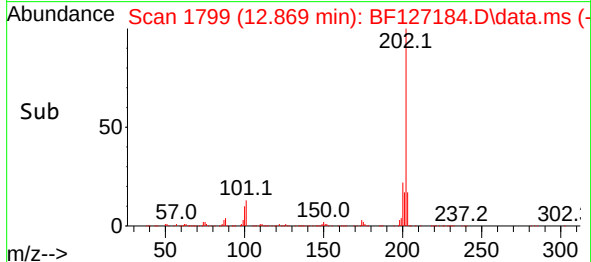
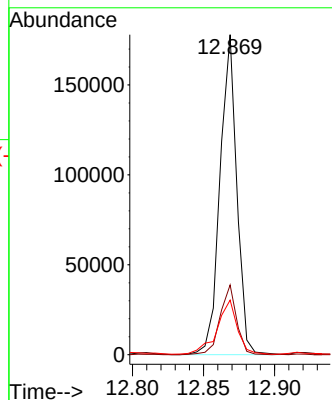
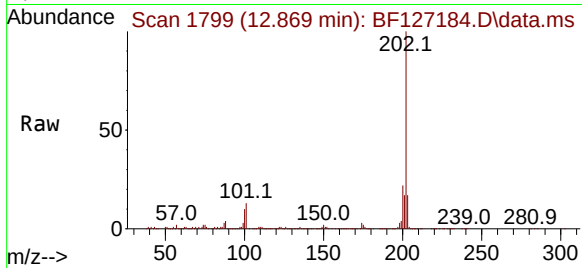




#78
Pyrene
Concen: 10.985 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

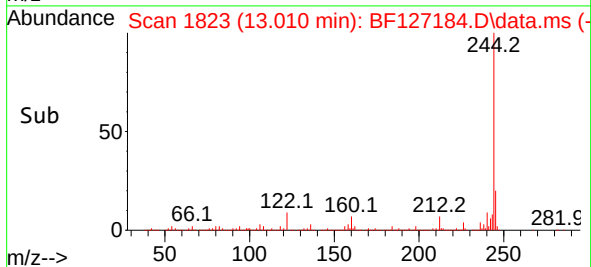
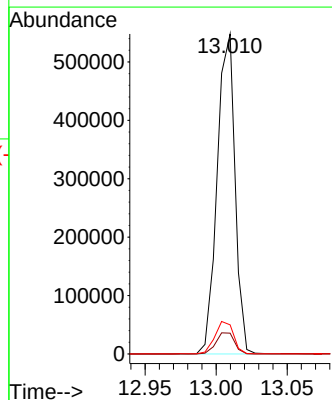
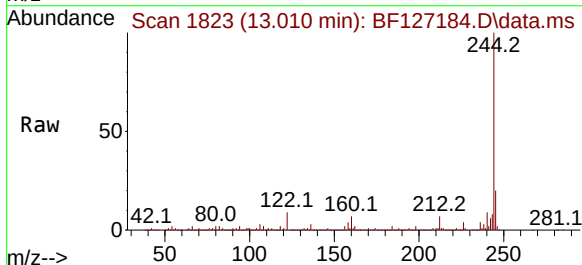
Instrument :
BNA_F
ClientSampleId :
DUM-15

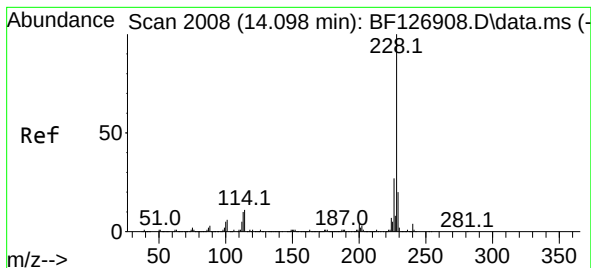
Tgt Ion:202 Resp: 146241
Ion Ratio Lower Upper
202 100
200 21.8 16.6 24.8
203 17.1 13.8 20.8



#79
Terphenyl-d14
Concen: 45.975 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127184.D
Acq: 03 Mar 2022 21:24

Tgt Ion:244 Resp: 479237
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.1 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 5.963 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15

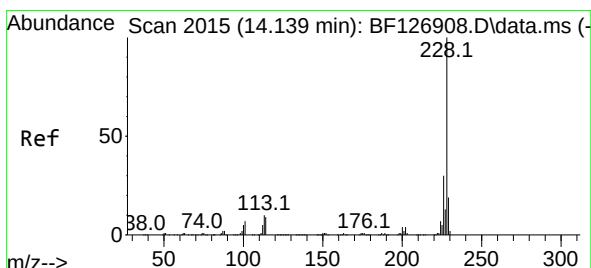
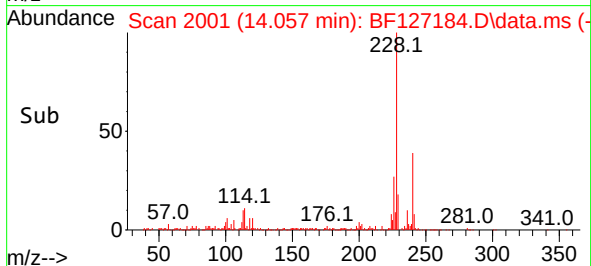
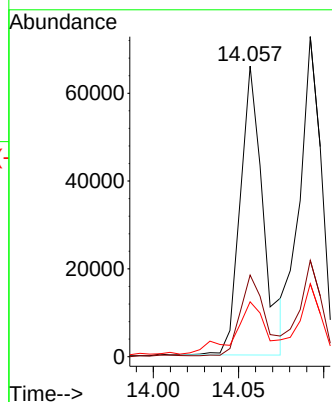
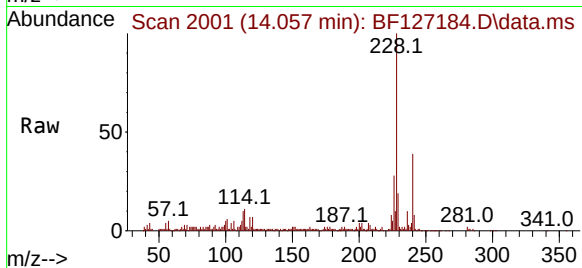
Tgt Ion:228 Resp: 61596

Ion Ratio Lower Upper

228 100

226 28.1 21.4 32.0

229 18.9 15.4 23.2



#83

Chrysene

Concen: 6.721 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

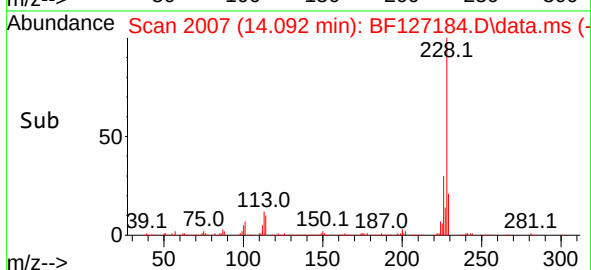
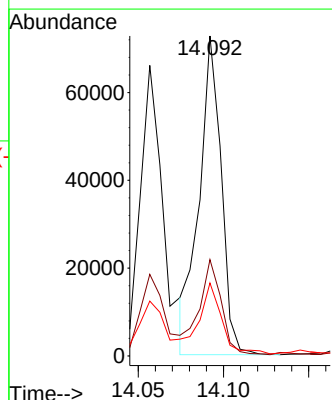
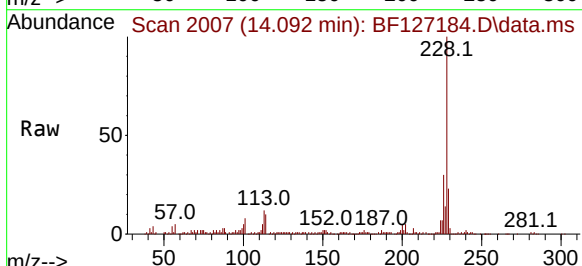
Tgt Ion:228 Resp: 65294

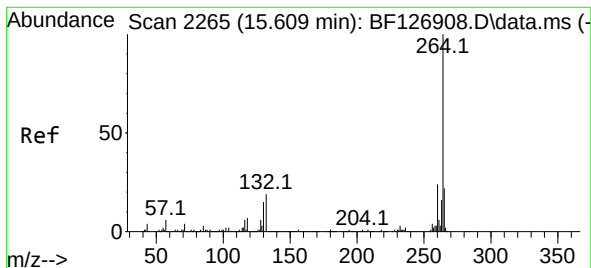
Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 22.8 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15

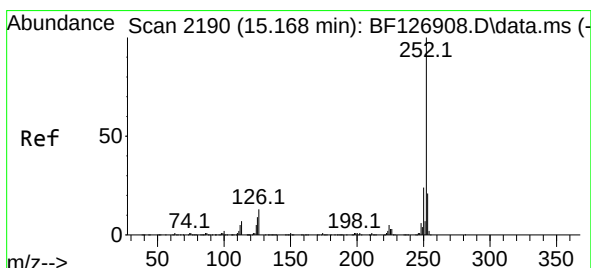
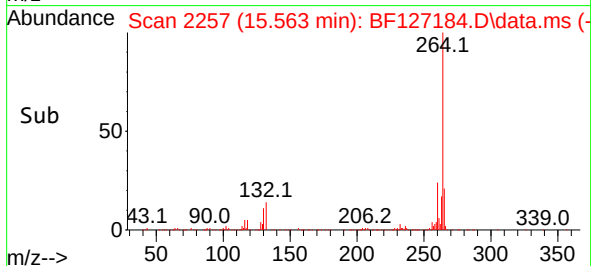
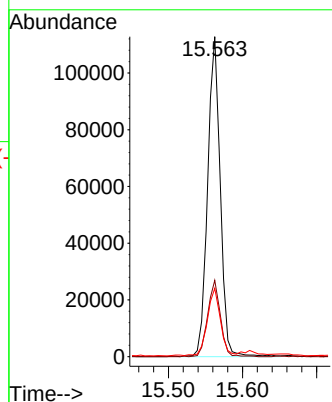
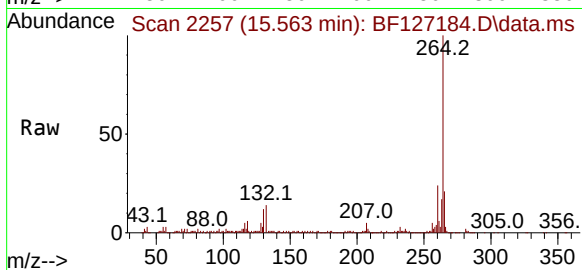
Tgt Ion:264 Resp: 133794

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 12.212 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

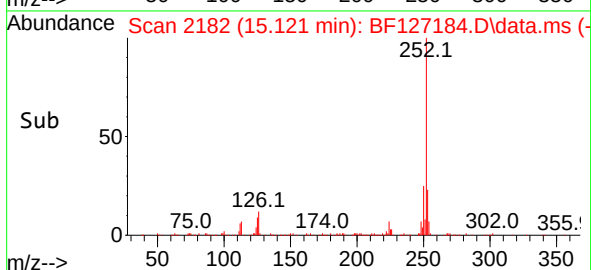
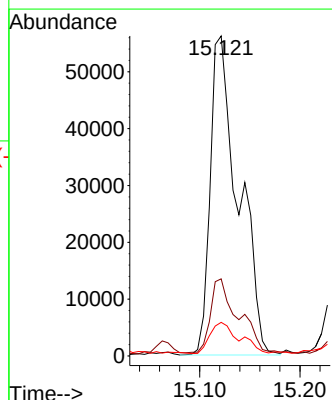
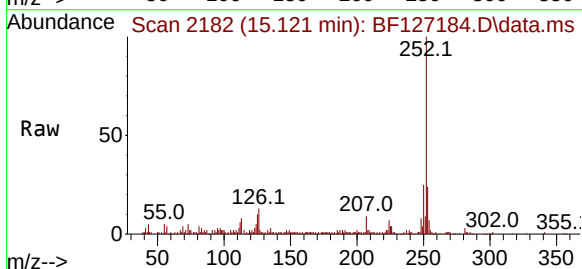
Tgt Ion:252 Resp: 109735

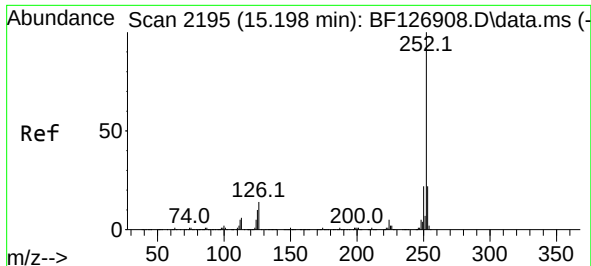
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 10.5 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 12.661 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15

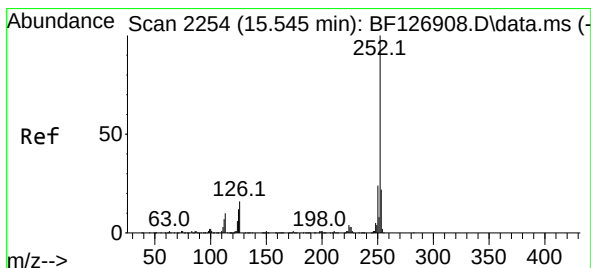
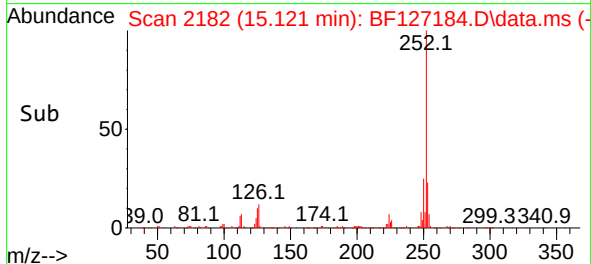
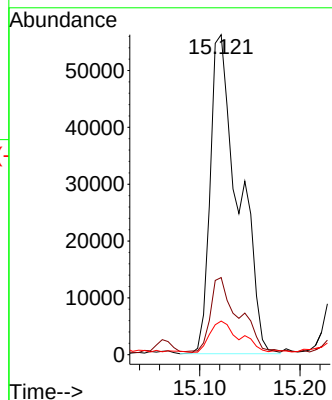
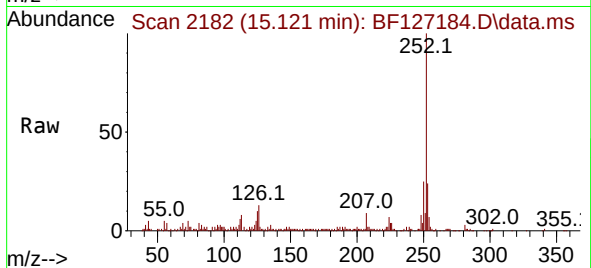
Tgt Ion:252 Resp: 109735

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 10.5 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 5.791 ng

RT: 15.433 min Scan# 2235

Delta R.T. -0.071 min

Lab File: BF127184.D

Acq: 03 Mar 2022 21:24

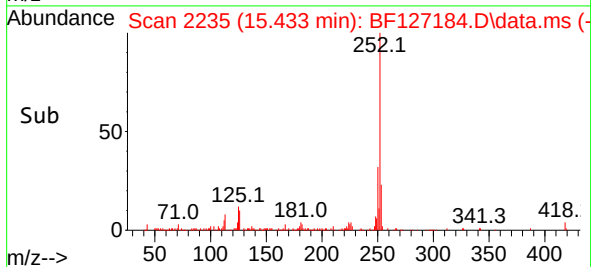
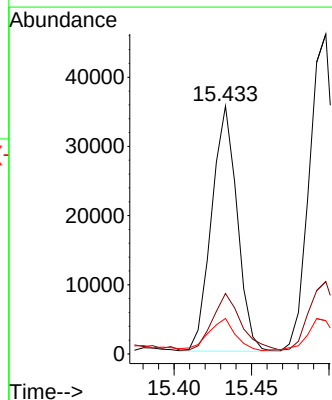
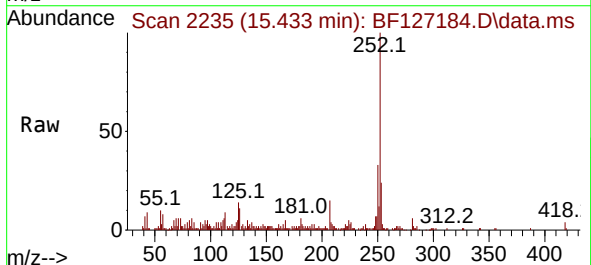
Tgt Ion:252 Resp: 40650

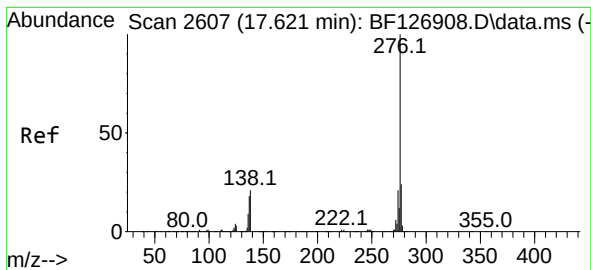
Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

125 14.3 13.0 19.6





#92

Benzo(g,h,i)perylene

Concen: 4.261 ng

RT: 17.533 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF127184.D

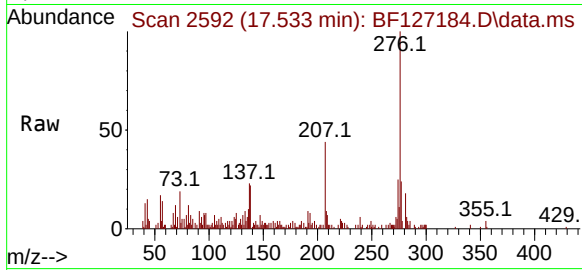
Acq: 03 Mar 2022 21:24

Instrument :

BNA_F

ClientSampleId :

DUM-15



Tgt Ion:276 Resp: 30480

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 22.2 25.9 38.9#

