

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127047.D
 Acq On : 23 Feb 2022 19:01
 Operator : CG\JU
 Sample : N1626-04RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B2RE

Quant Time: Feb 24 02:17:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

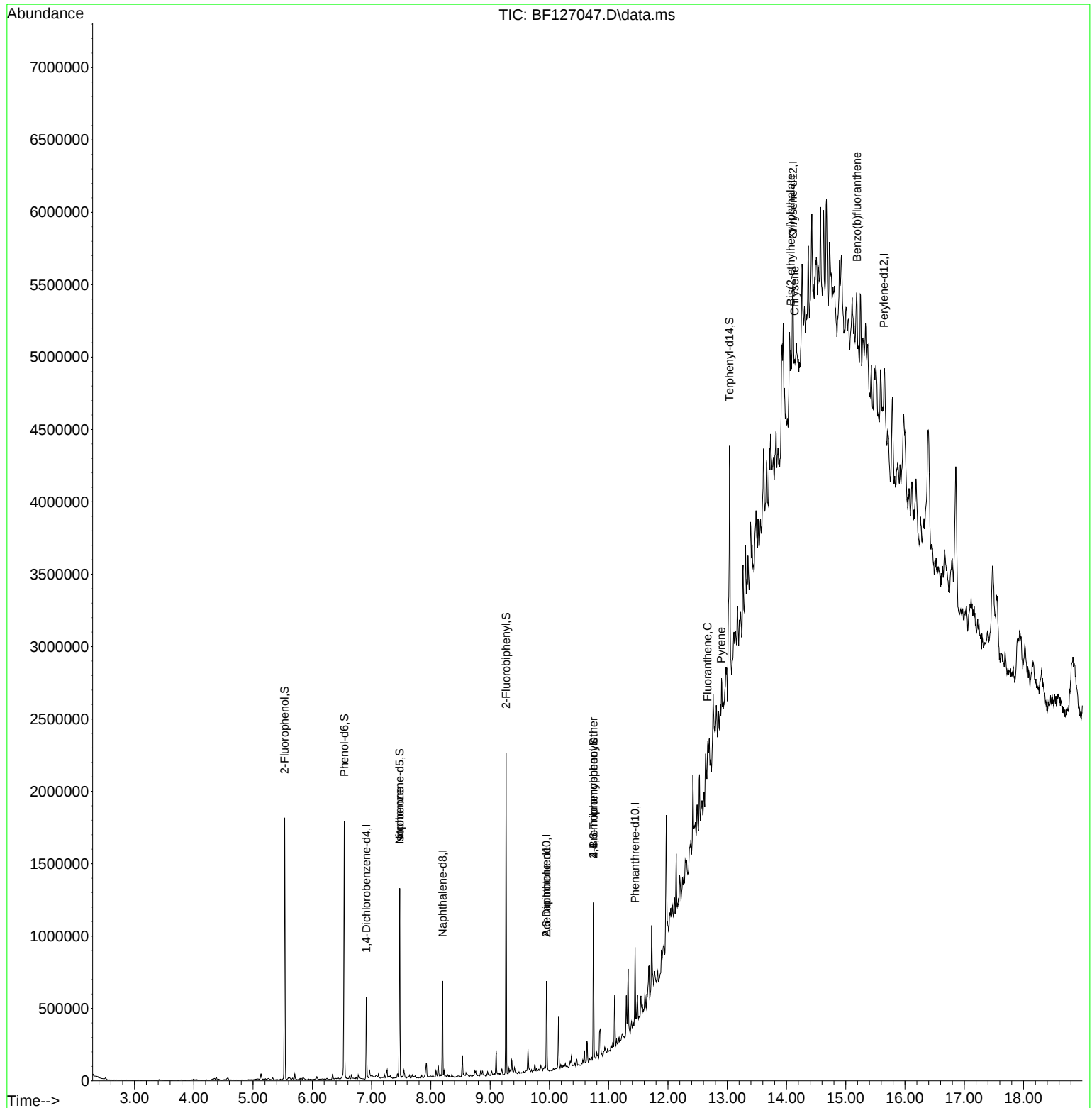
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	71974	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	259644	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	106075	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	158773	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	107199	20.000	ng	0.02
86) Perylene-d12	15.645	264	78681	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	415919	89.315	ng	0.00
7) Phenol-d6	6.539	99	534456	85.055	ng	0.00
23) Nitrobenzene-d5	7.475	82	357660	62.177	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	106042	86.826	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	540676	75.037	ng	0.00
79) Terphenyl-d14	13.039	244	483614	66.319	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.475	82	356409	37.444	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	14738	9.554	ng	# 23
67) 4-Bromophenyl-phenylether	10.745	248	6394	3.604	ng	# 1
75) Fluoranthene	12.668	202	20530	2.433	ng	# 60
78) Pyrene	12.898	202	19497	2.093	ng	# 73
83) Chrysene	14.139	228	13989	2.058	ng	# 55
84) Bis(2-ethylhexyl)phtha...	14.074	149	98018	16.933	ng	# 92
88) Benzo(b)fluoranthene	15.192	252	17275	3.269	ng	# 1

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

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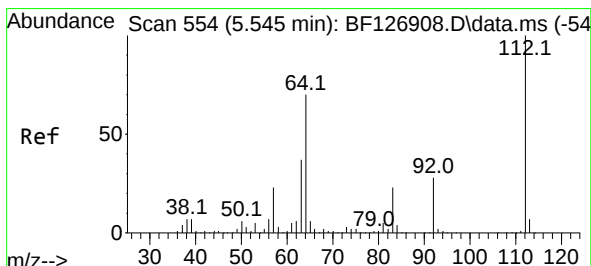
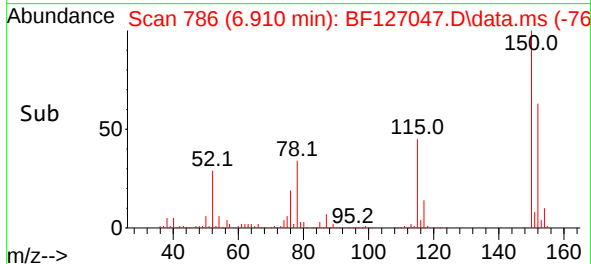
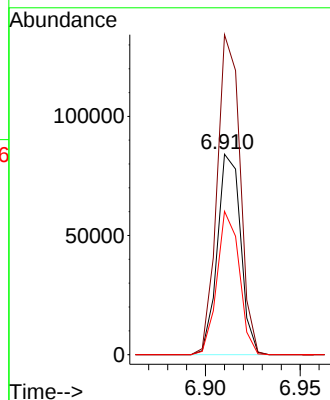
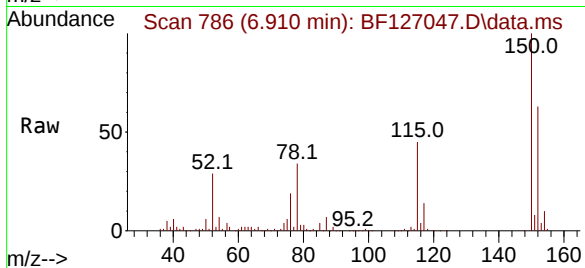




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127047.D
 Acq: 23 Feb 2022 19:01

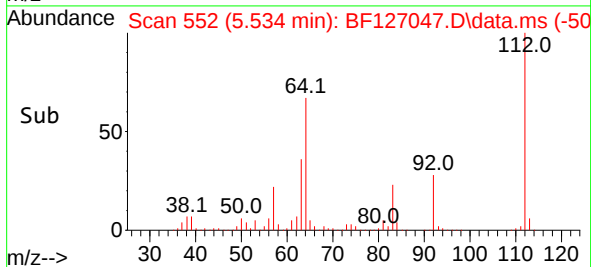
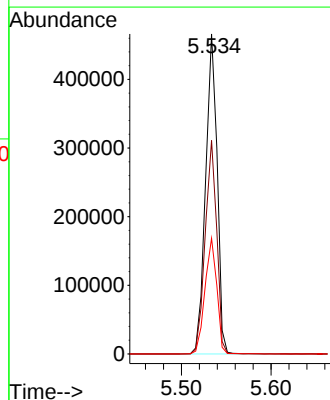
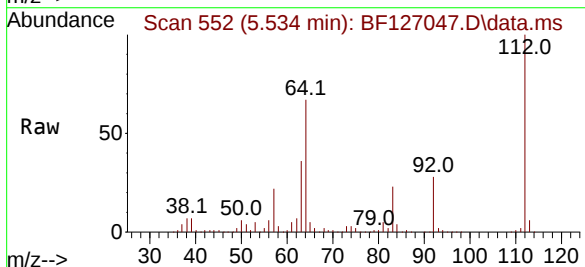
Instrument :
 BNA_F
 ClientSampleId :
 CC-B2RE

Tgt Ion:152 Resp: 71974
 Ion Ratio Lower Upper
 152 100
 150 159.6 128.1 192.1
 115 71.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 89.315 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.006 min
 Lab File: BF127047.D
 Acq: 23 Feb 2022 19:01

Tgt Ion:112 Resp: 415919
 Ion Ratio Lower Upper
 112 100
 64 66.7 49.5 74.3
 63 36.2 23.9 35.9#

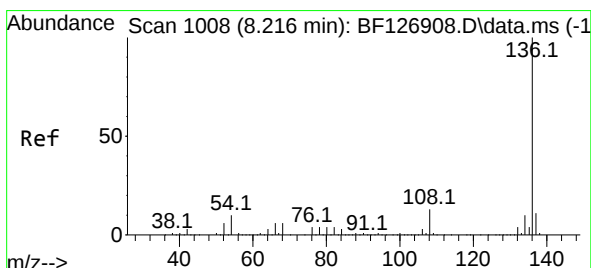
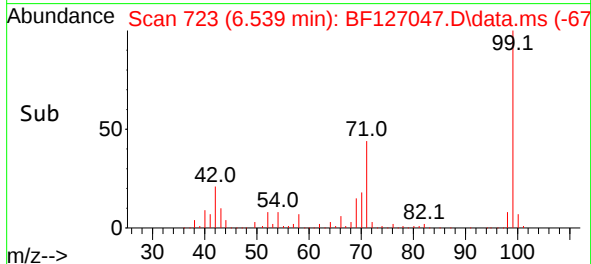
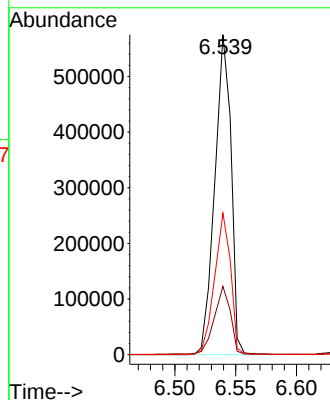
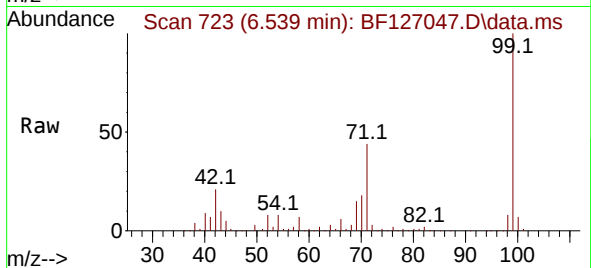




#7
Phenol-d6
Concen: 85.055 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

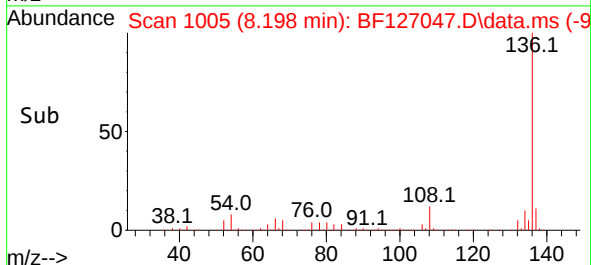
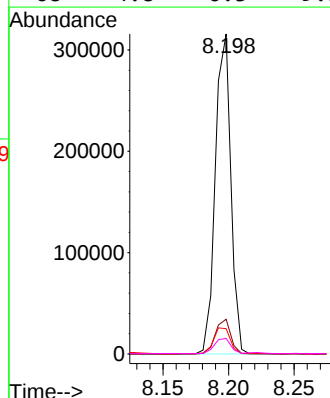
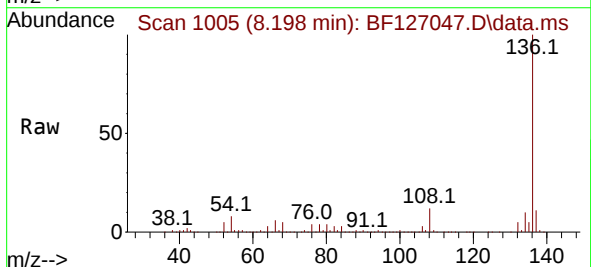
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

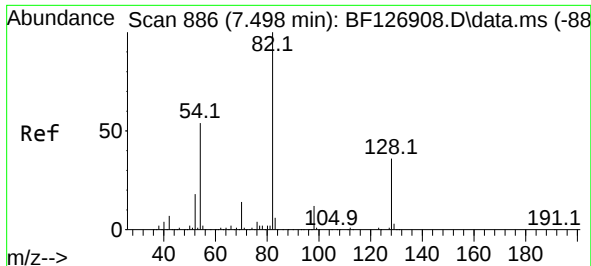
Tgt Ion: 99 Resp: 534456
Ion Ratio Lower Upper
99 100
42 21.4 14.2 21.4#
71 44.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion: 136 Resp: 259644
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.8 11.6
68 4.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 62.177 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

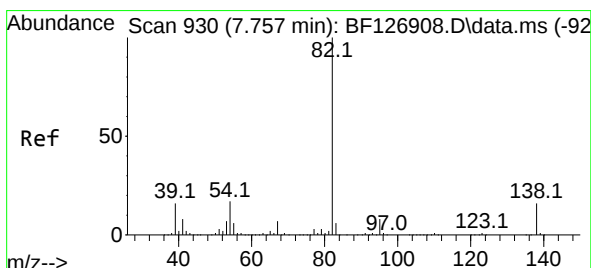
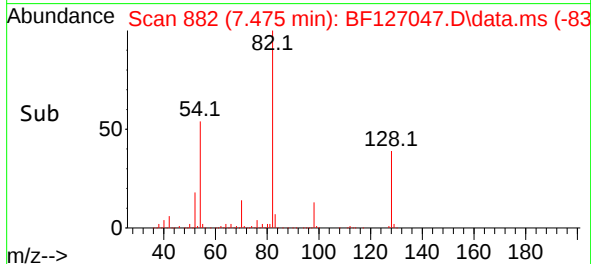
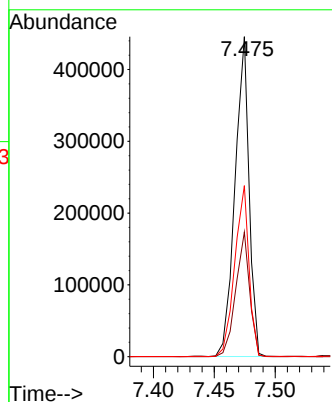
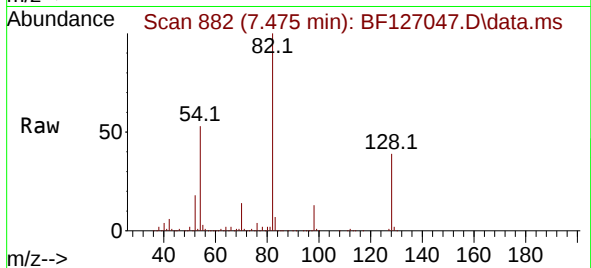
BNA_F

ClientSampleId :

CC-B2RE

Tgt Ion: 82 Resp: 357660

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.7	49.1
54	53.5	41.7	62.5



#25

Isophorone

Concen: 37.444 ng

RT: 7.475 min Scan# 882

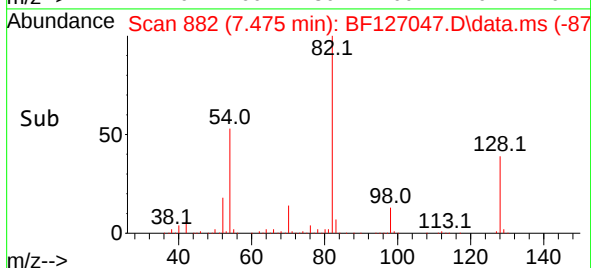
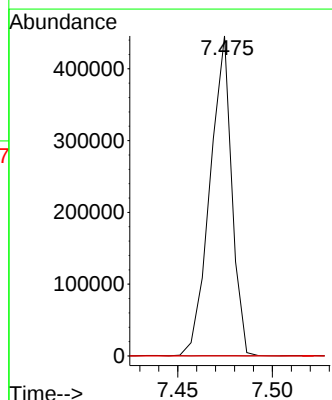
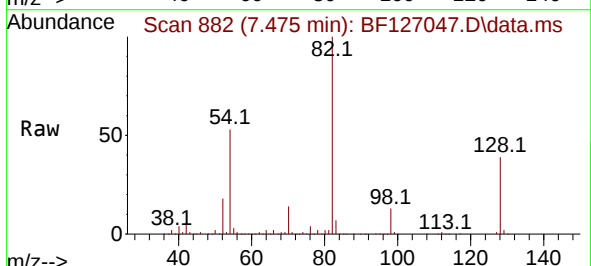
Delta R.T. -0.259 min

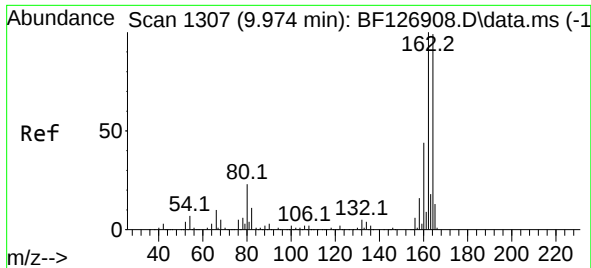
Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Tgt Ion: 82 Resp: 356409

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.0	7.4#
138	0.0	12.3	18.5#

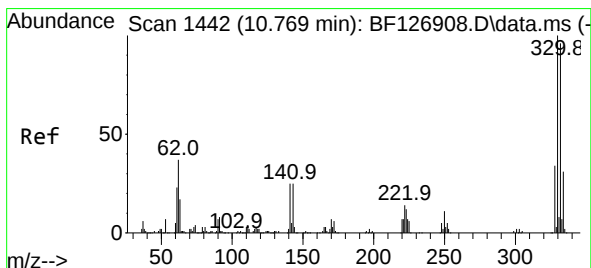
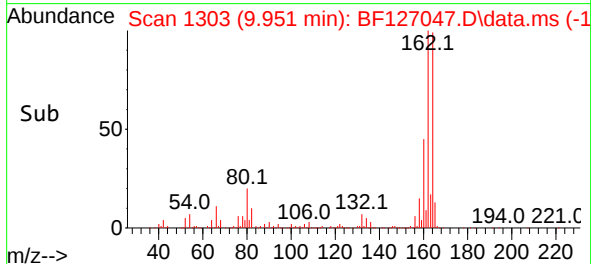
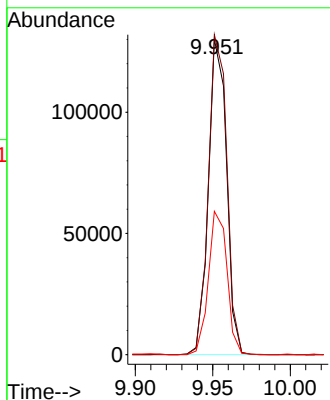
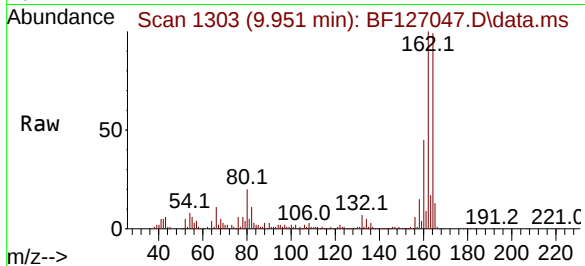




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

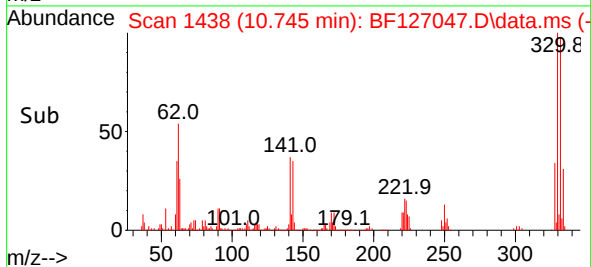
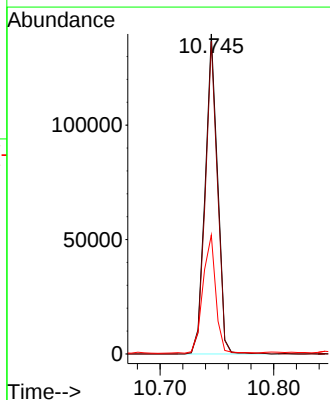
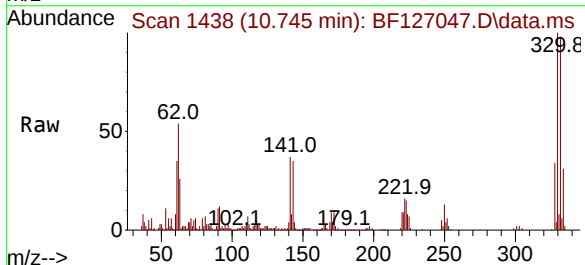
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

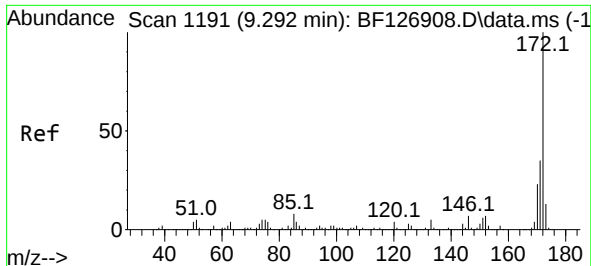
Tgt Ion:164 Resp: 106075
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 86.826 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:330 Resp: 106042
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 38.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 75.037 ng

RT: 9.269 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

BNA_F

ClientSampleId :

CC-B2RE

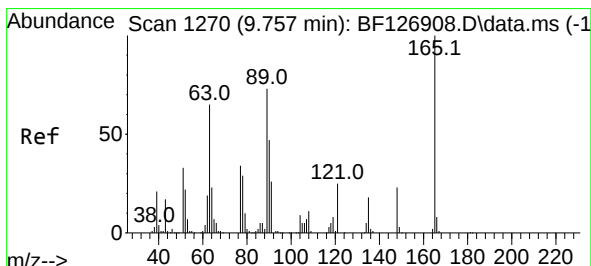
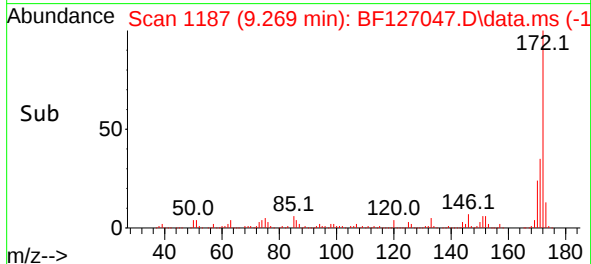
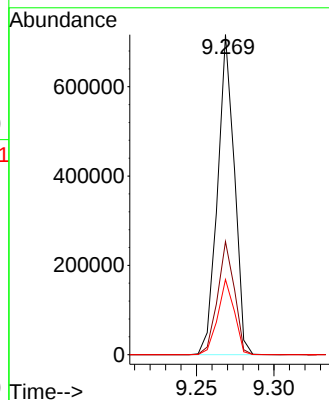
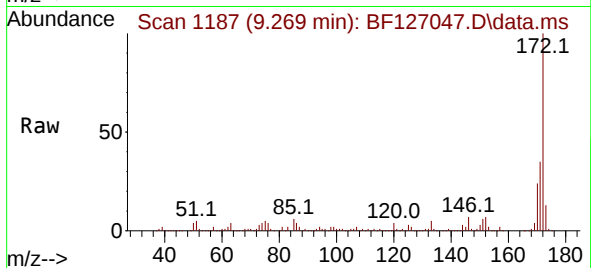
Tgt Ion:172 Resp: 540676

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.554 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.218 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

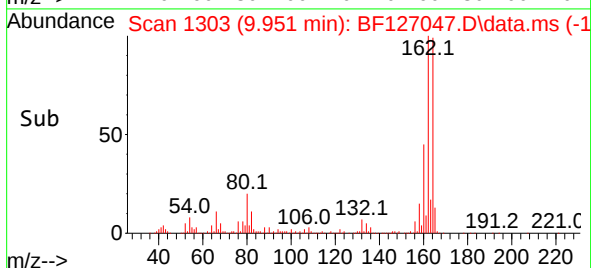
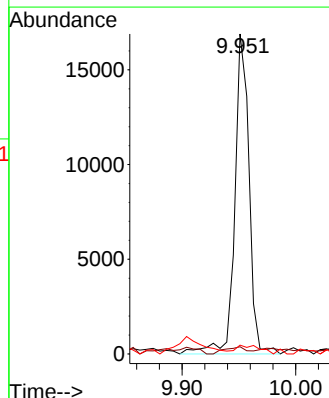
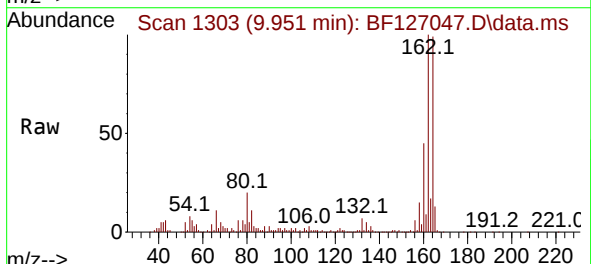
Tgt Ion:165 Resp: 14738

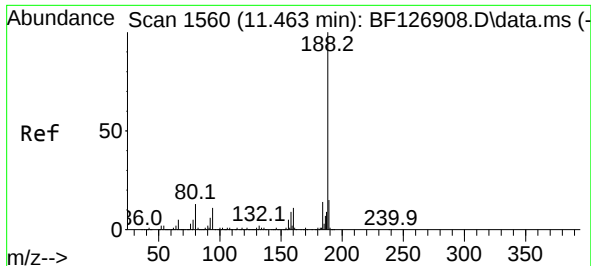
Ion Ratio Lower Upper

165 100

63 2.3 48.4 72.6#

89 2.7 50.5 75.7#

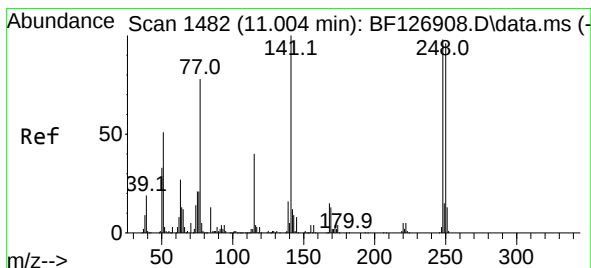
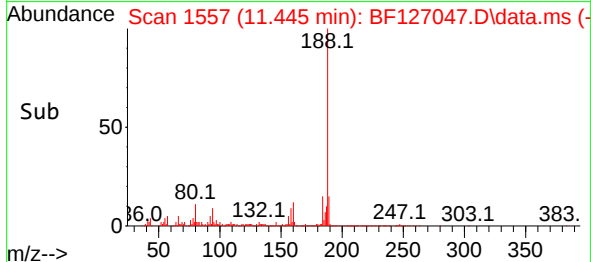
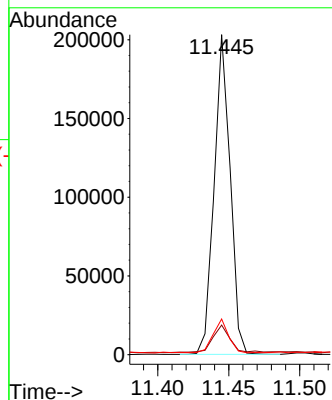
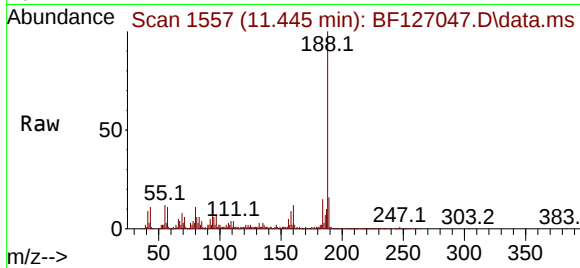




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

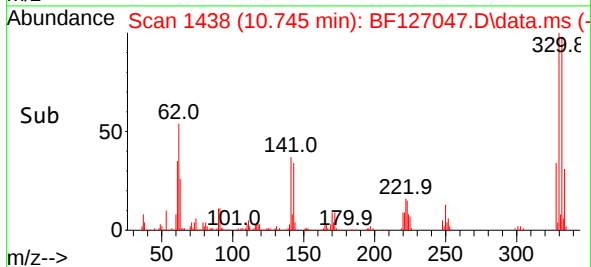
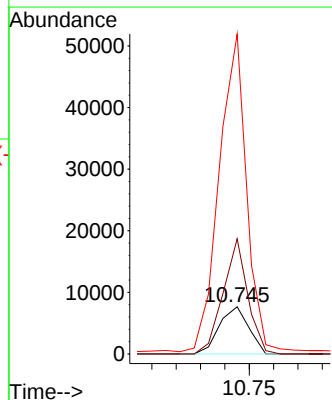
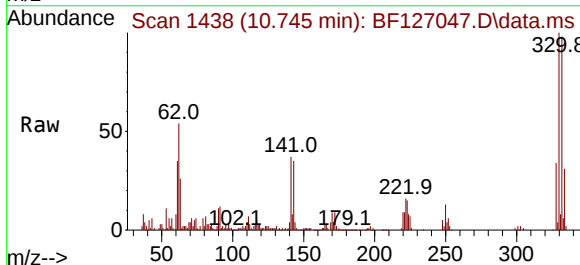
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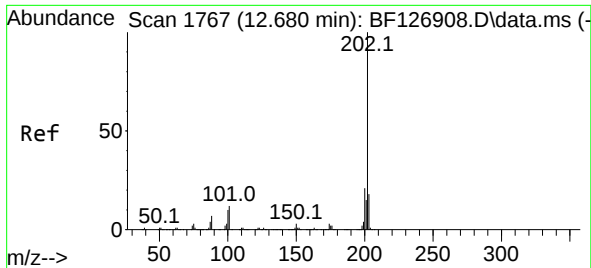
Tgt Ion:188 Resp: 158773
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 11.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.604 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:248 Resp: 6394
Ion Ratio Lower Upper
248 100
250 243.7 76.2 114.4#
141 677.3 66.2 99.4#

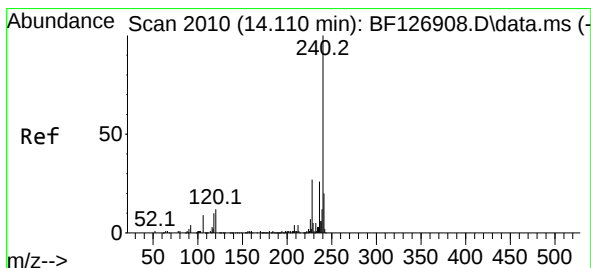
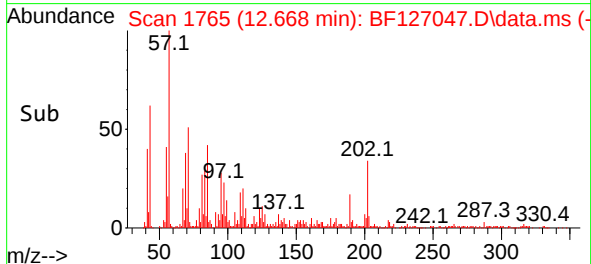
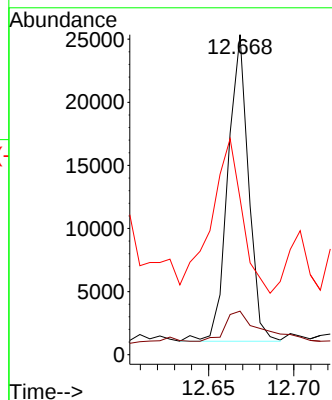
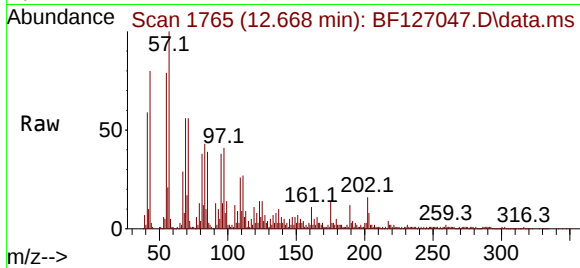




#75
Fluoranthene
Concen: 2.433 ng
RT: 12.668 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

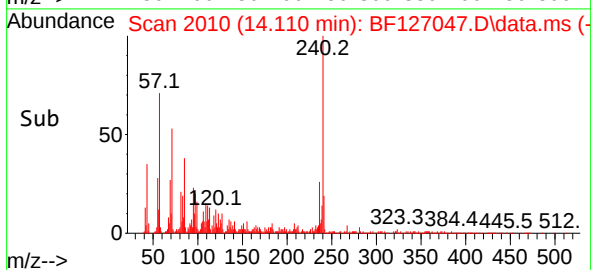
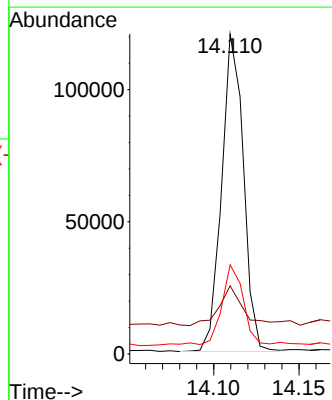
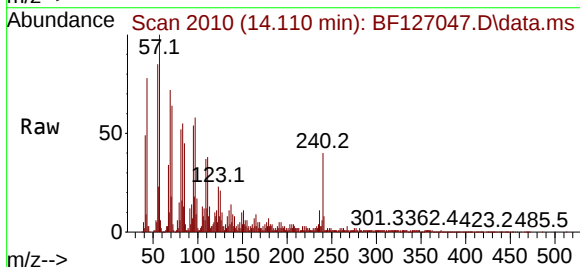
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

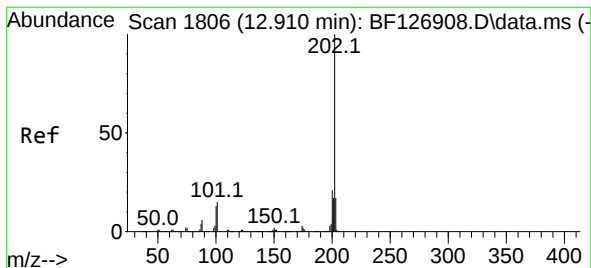
Tgt Ion:202 Resp: 20530
Ion Ratio Lower Upper
202 100
101 13.6 0.0 35.7
203 48.8 0.0 37.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.024 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:240 Resp: 107199
Ion Ratio Lower Upper
240 100
120 21.3 14.4 21.6
236 27.8 20.5 30.7





#78

Pyrene

Concen: 2.093 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

BNA_F

ClientSampleId :

CC-B2RE

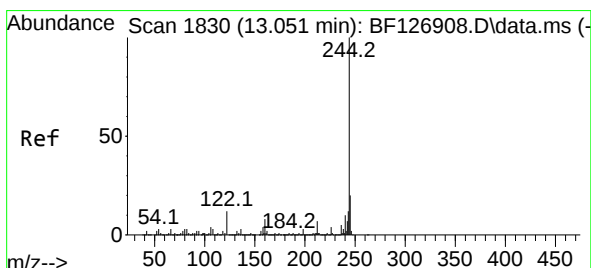
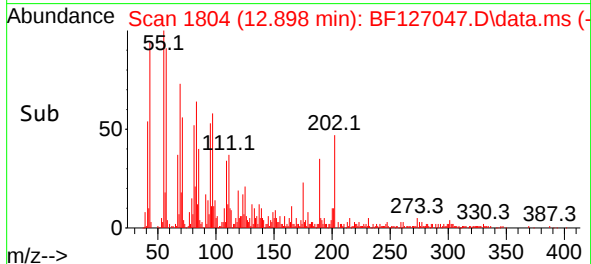
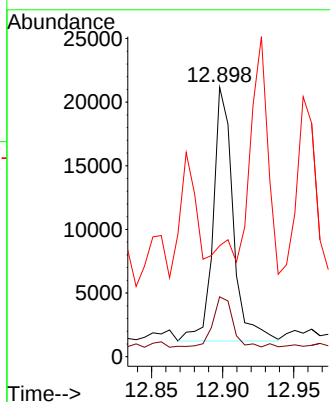
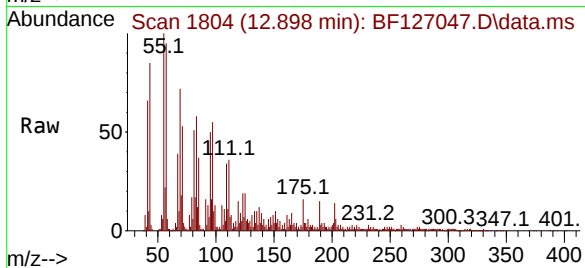
Tgt Ion:202 Resp: 19497

Ion Ratio Lower Upper

202 100

200 22.2 16.6 24.8

203 41.2 13.8 20.8#



#79

Terphenyl-d14

Concen: 66.319 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

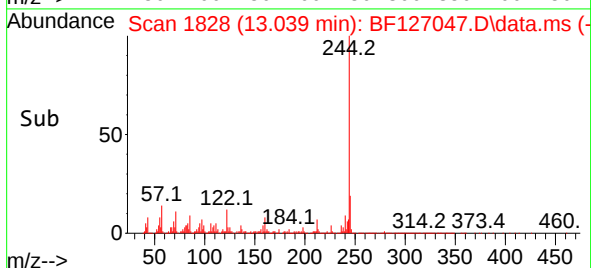
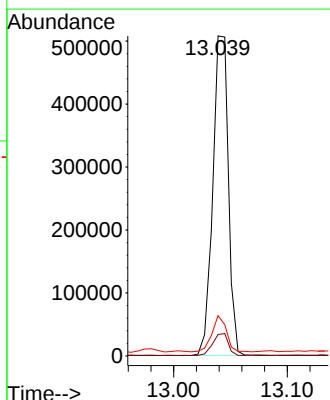
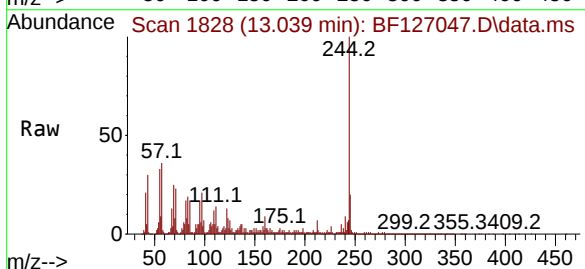
Tgt Ion:244 Resp: 483614

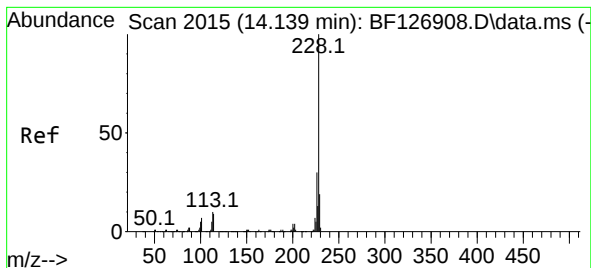
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 12.6 13.3 19.9#





#83

Chrysene

Concen: 2.058 ng

RT: 14.139 min Scan# 2015

Delta R.T. 0.024 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

BNA_F

ClientSampleId :

CC-B2RE

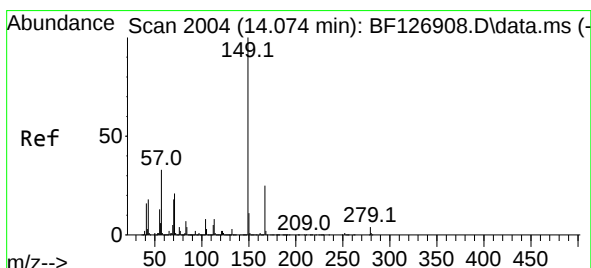
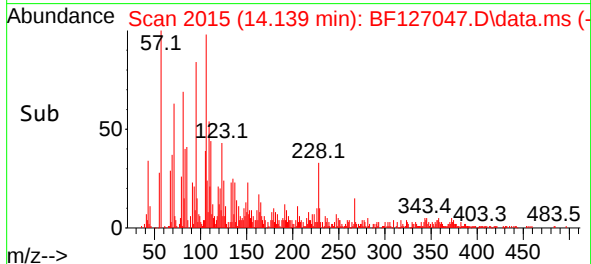
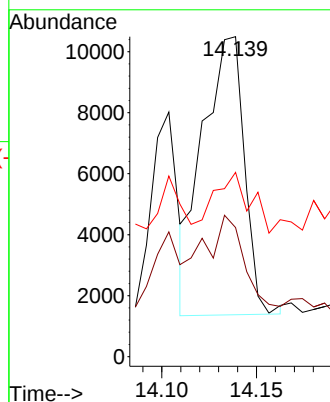
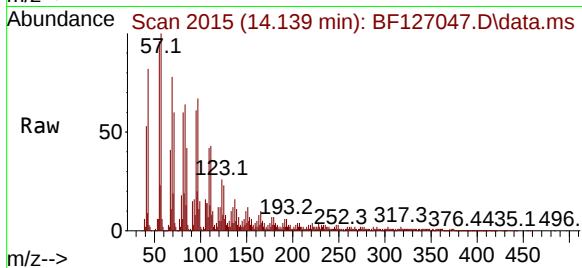
Tgt Ion:228 Resp: 13989

Ion Ratio Lower Upper

228 100

226 40.4 23.7 35.5#

229 57.6 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.933 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.023 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

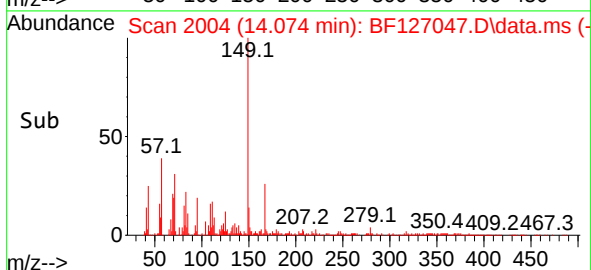
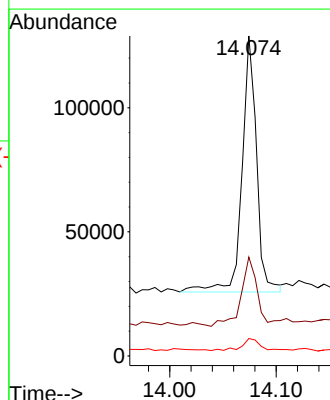
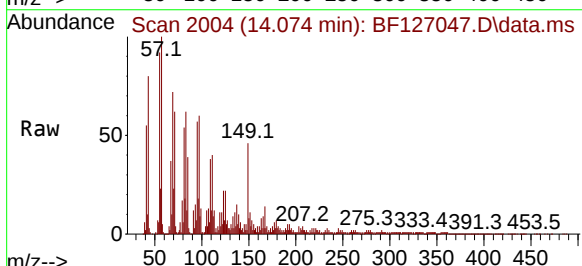
Tgt Ion:149 Resp: 98018

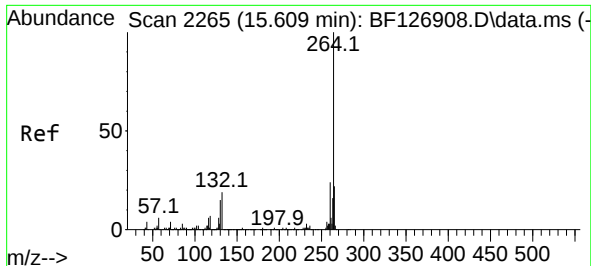
Ion Ratio Lower Upper

149 100

167 30.9 21.4 32.2

279 5.4 2.4 3.6#

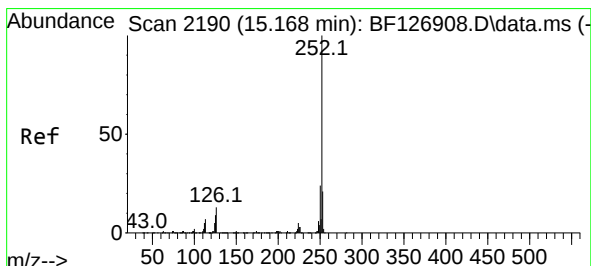
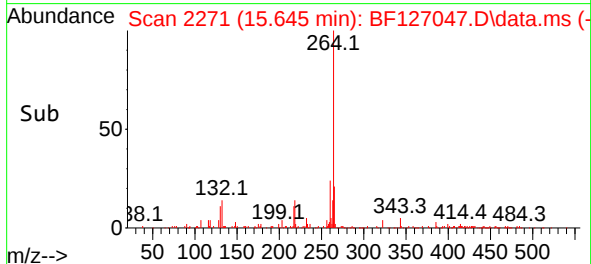
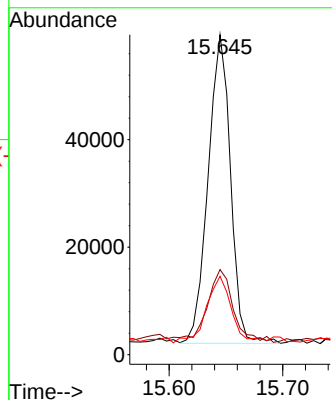
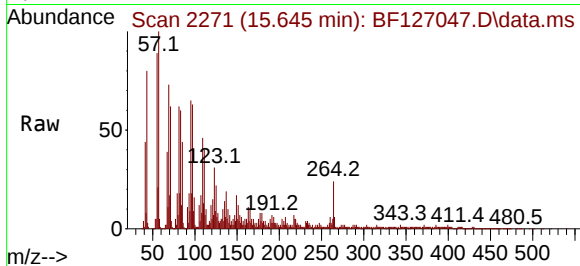




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2194
Delta R.T. 0.059 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Instrument :
BNA_F
ClientSampleId :
CC-B2RE

Tgt Ion:264 Resp: 78681
Ion Ratio Lower Upper
264 100
260 26.6 19.2 28.8
265 24.5 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.269 ng
RT: 15.192 min Scan# 2194
Delta R.T. 0.047 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:252 Resp: 17275
Ion Ratio Lower Upper
252 100
253 77.3 17.8 26.8#
125 730.9 12.4 18.6#

