

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127124.D
 Acq On : 01 Mar 2022 19:02
 Operator : CG\JU
 Sample : N1689-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP022222

Quant Time: Mar 02 00:01:38 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)

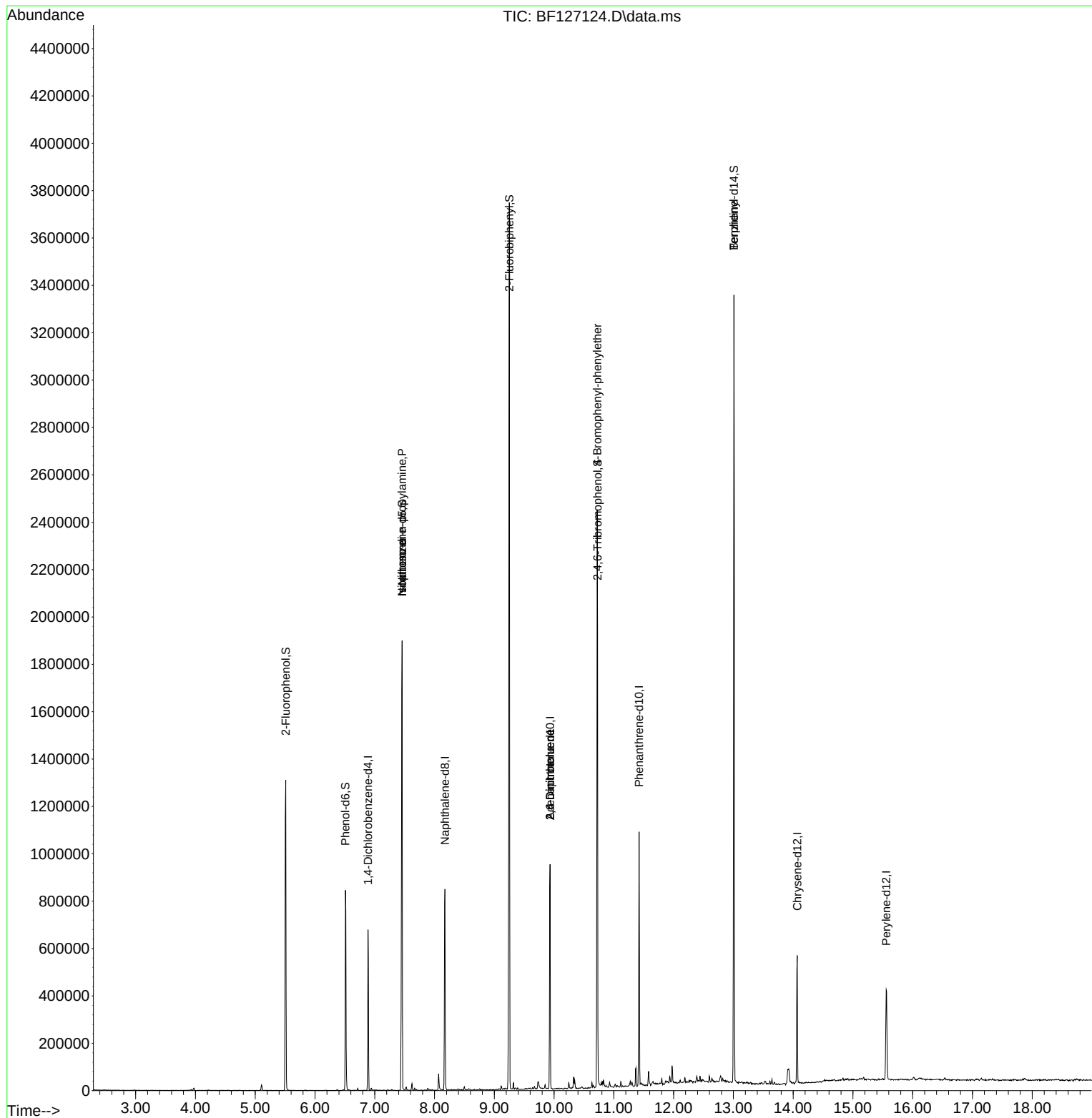
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	88618	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	360334	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	180359	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	323191	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	170360	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	168568	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	316908	55.271	ng	0.00
7) Phenol-d6	6.510	99	252220	32.600	ng	-0.01
23) Nitrobenzene-d5	7.457	82	645318	80.836	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	286186	137.815	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1023597	83.550	ng	0.00
79) Terphenyl-d14	13.010	244	1084502	93.582	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	88083	17.668	ng	# 76
25) Isophorone	7.457	82	645113	48.836	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	23282	8.876	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23282	6.565	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	16238	4.497	ng	# 1
77) Benzidine	13.010	184	16274	3.515	ng	# 95

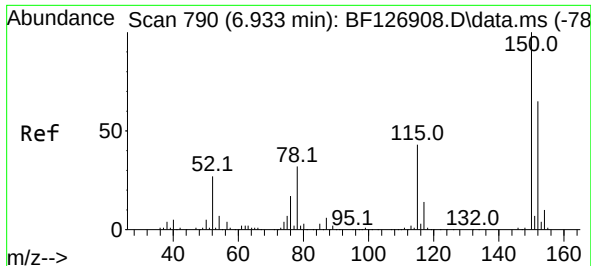
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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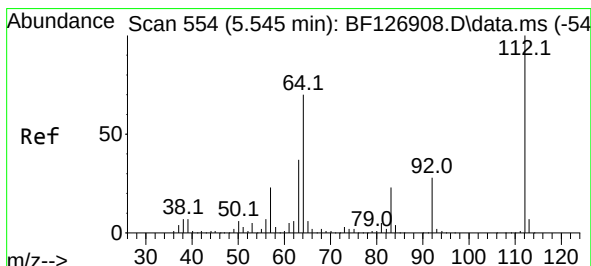
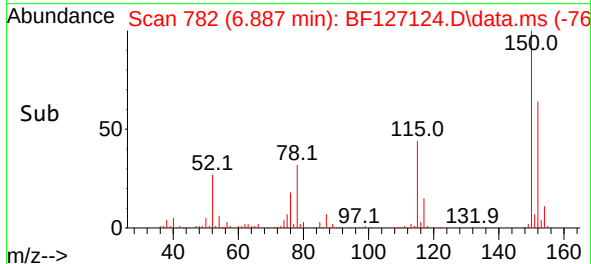
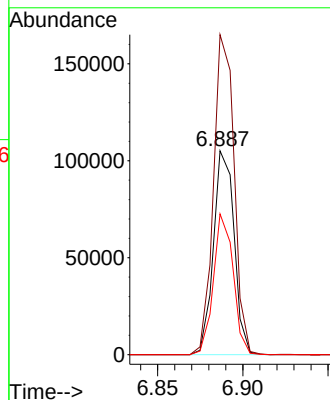
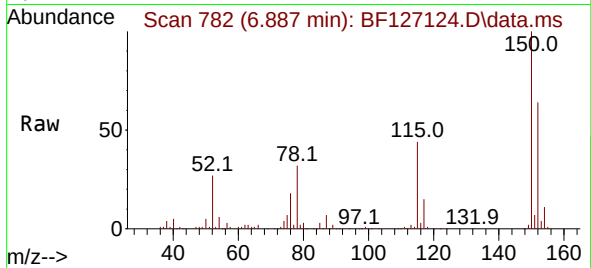




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

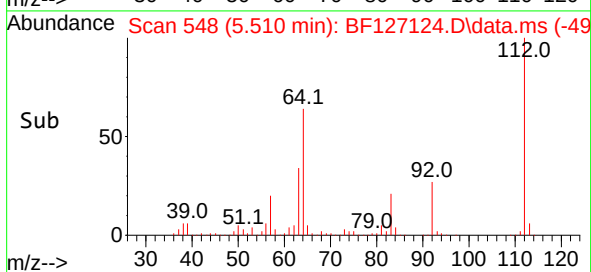
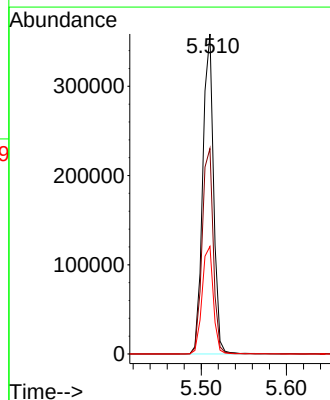
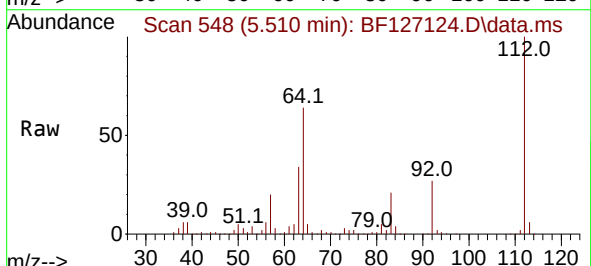
Instrument :
BNA_F
ClientSampleId :
DUP022222

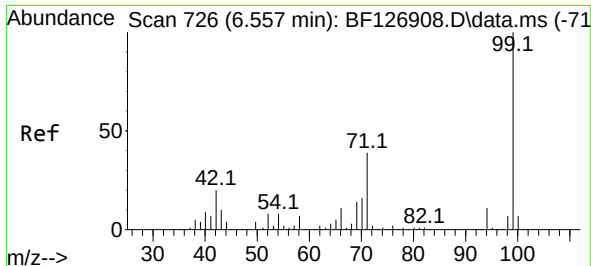
Tgt Ion:152 Resp: 88618
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 55.271 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion:112 Resp: 316908
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 33.6 23.9 35.9

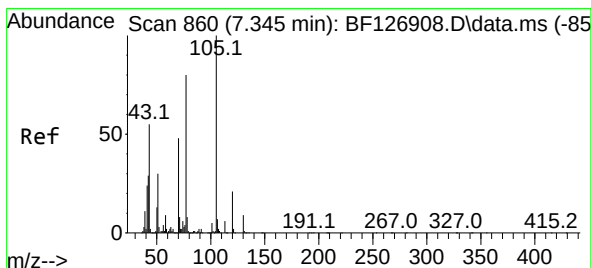
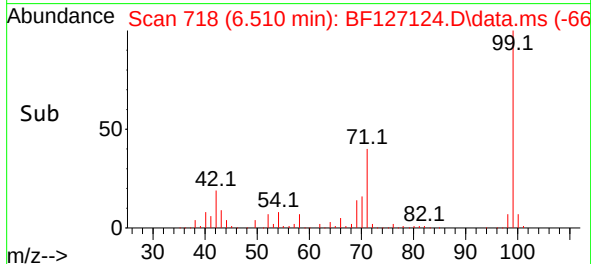
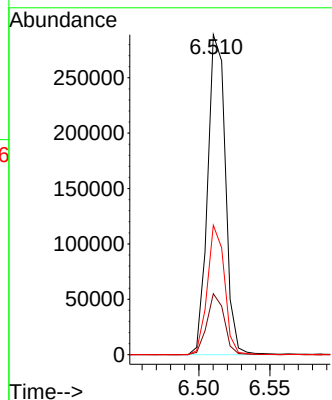
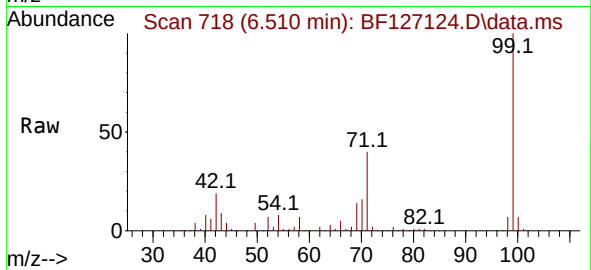




#7
Phenol-d6
Concen: 32.600 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

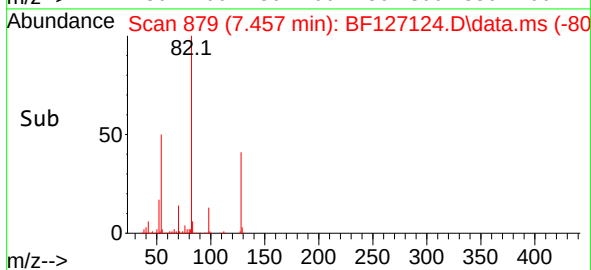
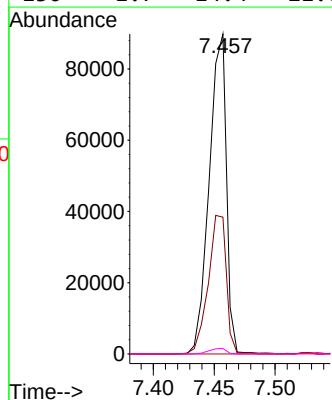
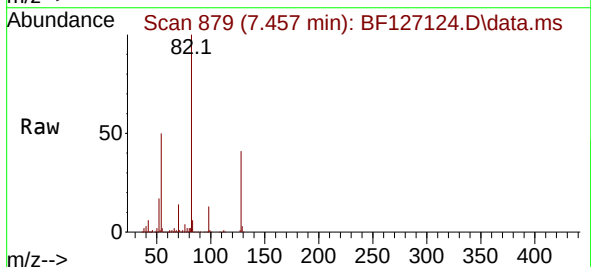
Instrument :
BNA_F
ClientSampleId :
DUP022222

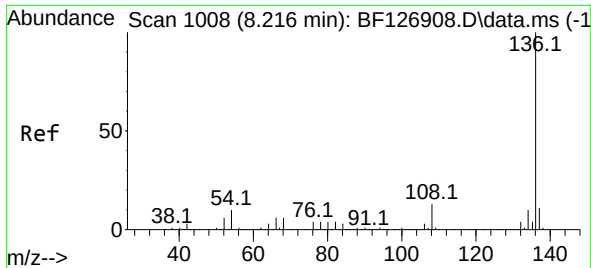
Tgt Ion: 99 Resp: 252220
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.668 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion: 70 Resp: 88083
Ion Ratio Lower Upper
70 100
42 42.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

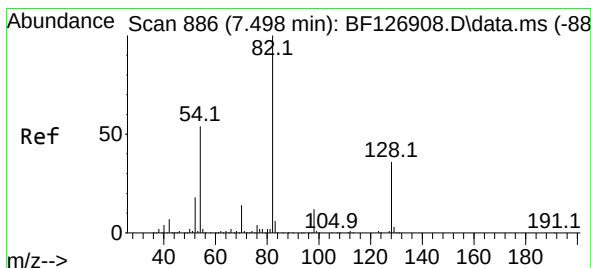
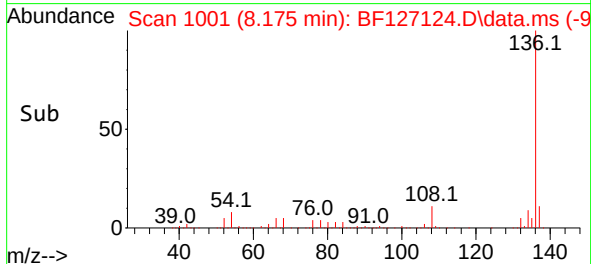
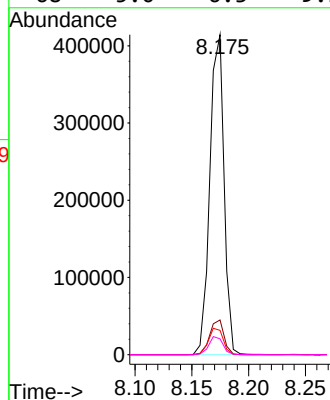
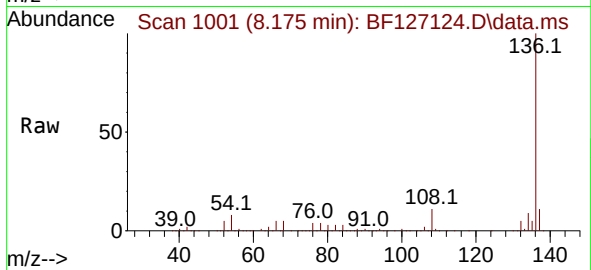




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

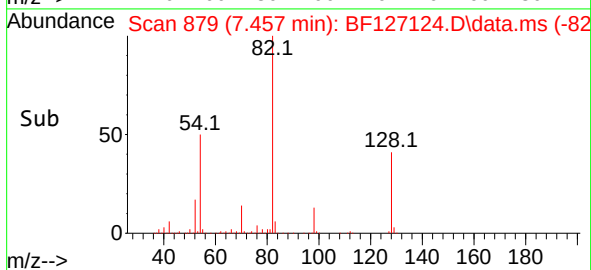
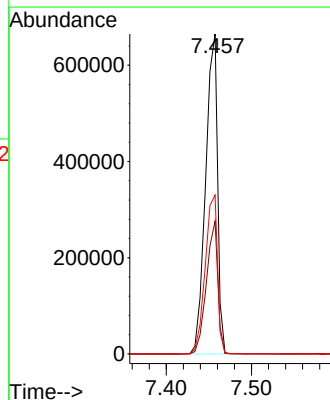
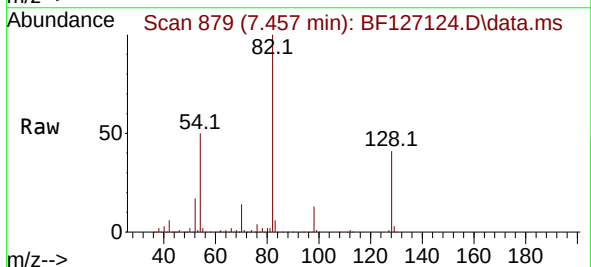
Instrument :
BNA_F
ClientSampleId :
DUP022222

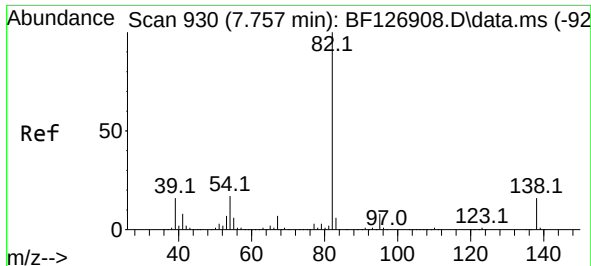
Tgt Ion:136 Resp: 360334
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 7.8 11.6#
68 5.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.836 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion: 82 Resp: 645318
Ion Ratio Lower Upper
82 100
128 41.5 32.7 49.1
54 49.6 41.7 62.5

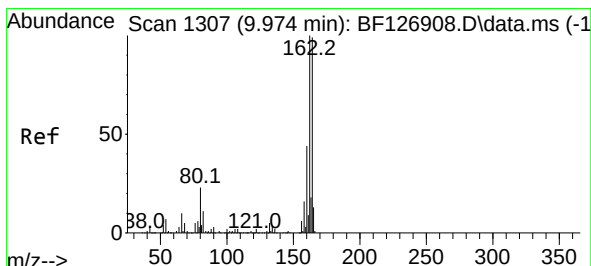
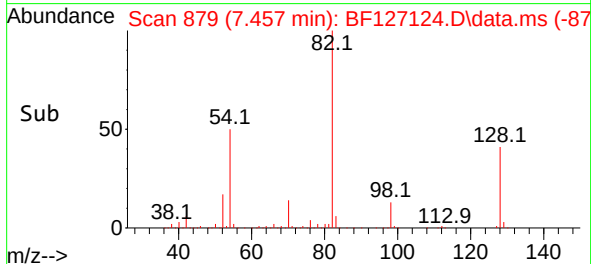
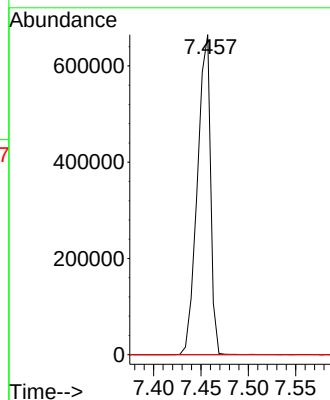
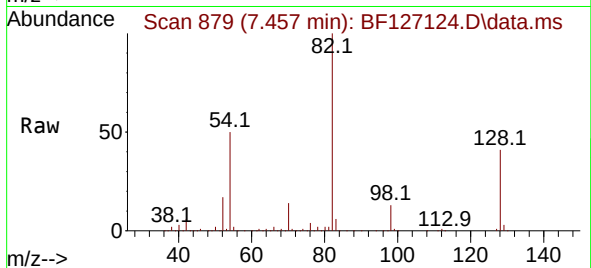




#25
Isophorone
Concen: 48.836 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

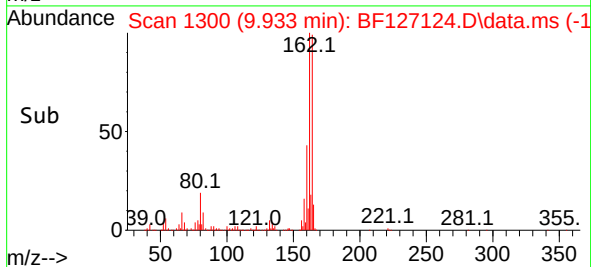
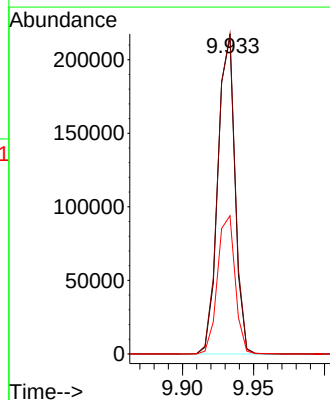
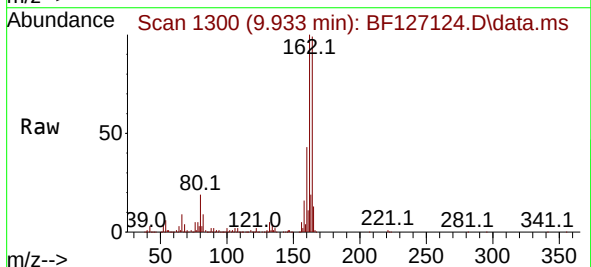
Instrument :
BNA_F
ClientSampleId :
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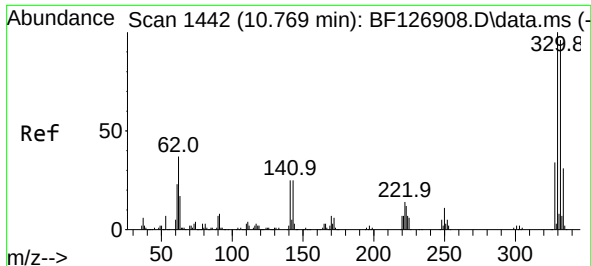
Tgt Ion: 82 Resp: 645113
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion:164 Resp: 180359
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.6 36.6 54.8

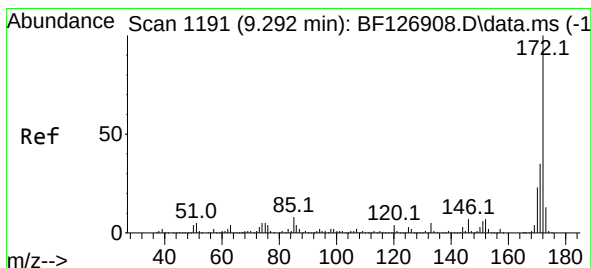
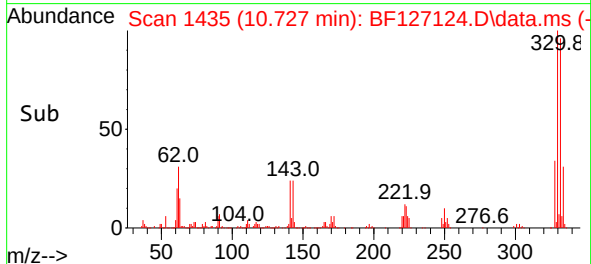
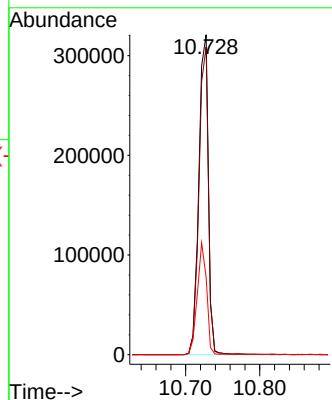
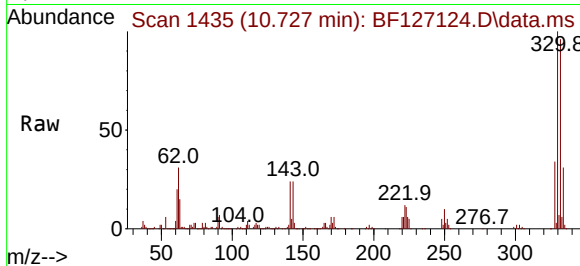




#42
2,4,6-Tribromophenol
Concen: 137.815 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

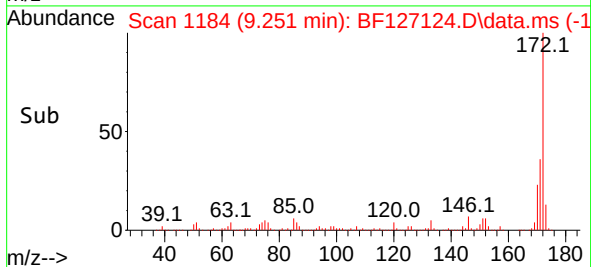
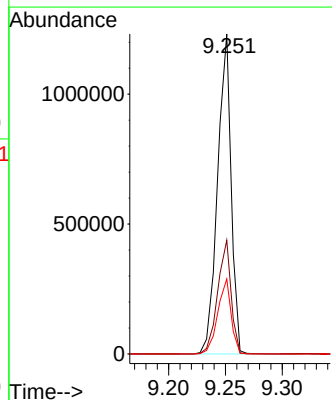
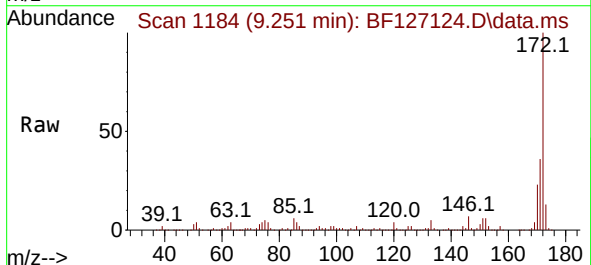
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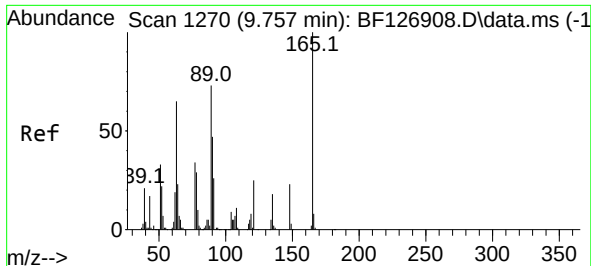
Tgt Ion: 330 Resp: 286186
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 34.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 83.550 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion: 172 Resp: 1023597
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.876 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127124.D

Acq: 01 Mar 2022 19:02

Instrument :

BNA_F

ClientSampleId :

DUP022222

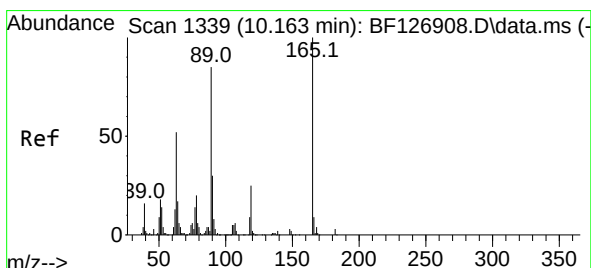
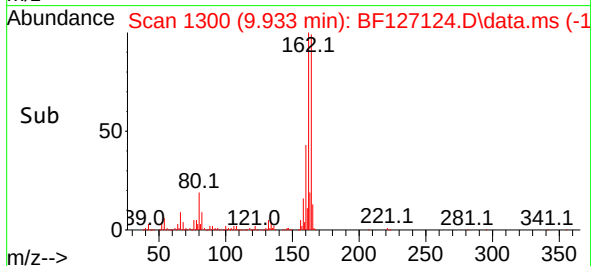
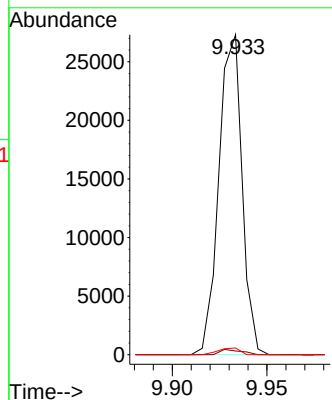
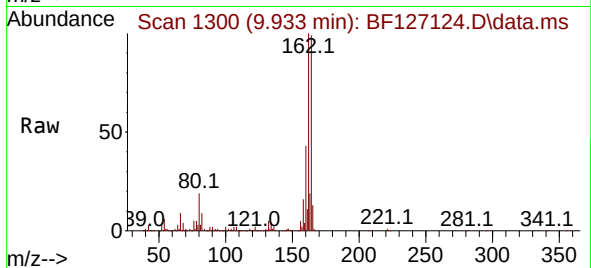
Tgt Ion:165 Resp: 23282

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 2.1 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.565 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF127124.D

Acq: 01 Mar 2022 19:02

Tgt Ion:165 Resp: 23282

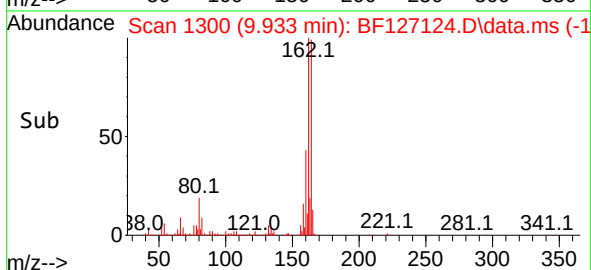
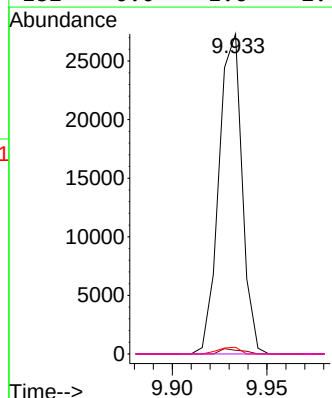
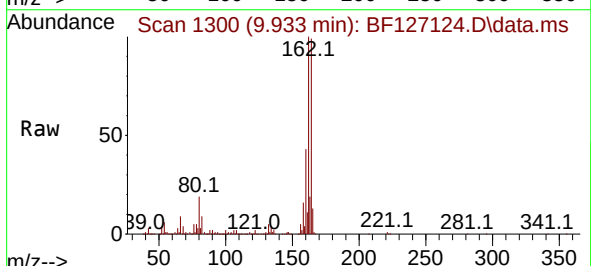
Ion Ratio Lower Upper

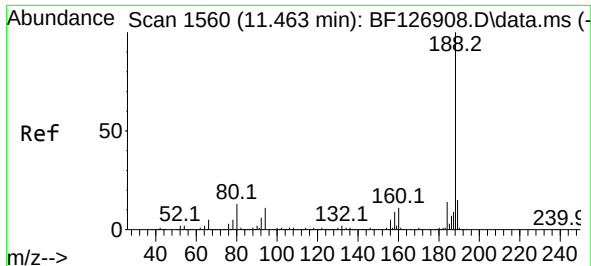
165 100

63 1.1 43.0 64.6#

89 2.1 71.0 106.4#

182 0.0 1.6 2.4#

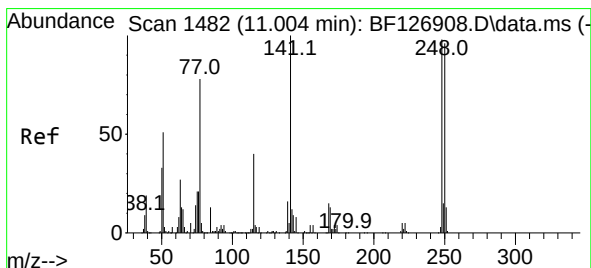
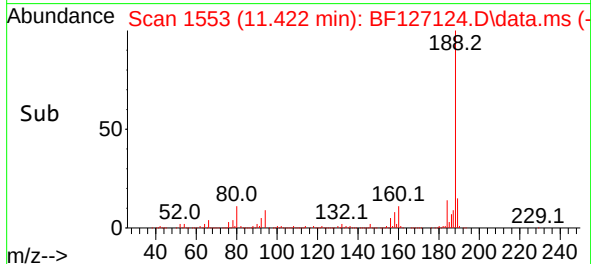
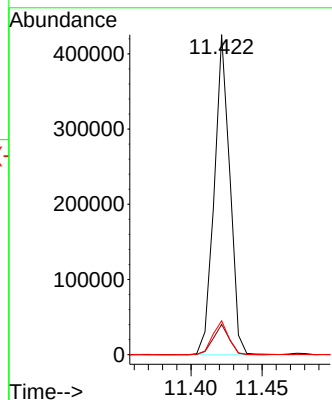
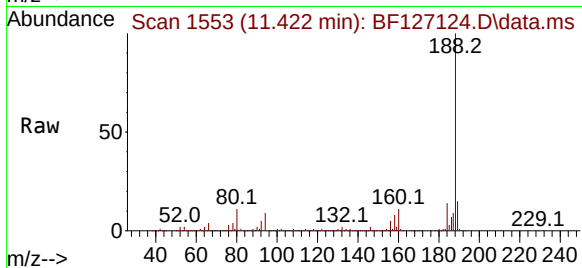




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

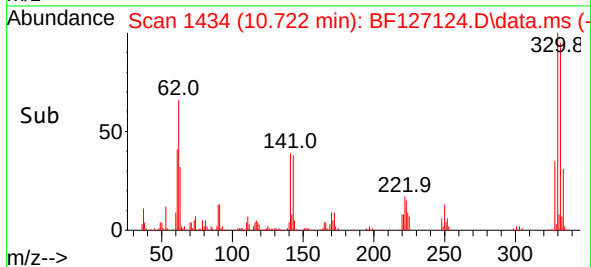
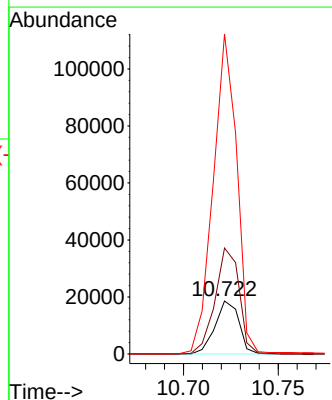
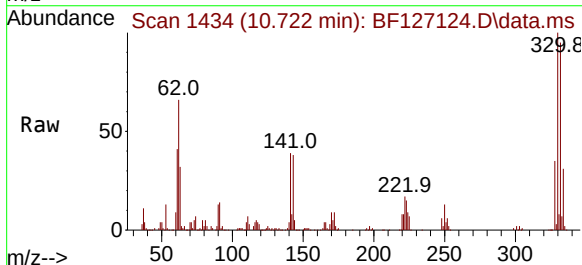
Instrument :
BNA_F
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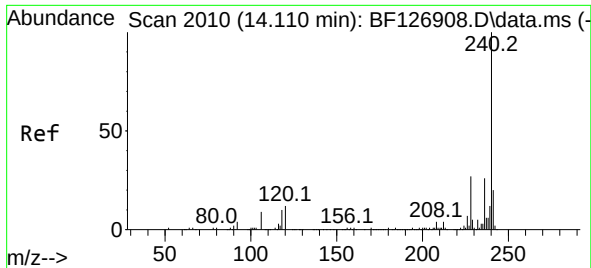
Tgt Ion:188 Resp: 323191
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.497 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion:248 Resp: 16238
Ion Ratio Lower Upper
248 100
250 199.8 76.2 114.4#
141 603.7 66.2 99.4#

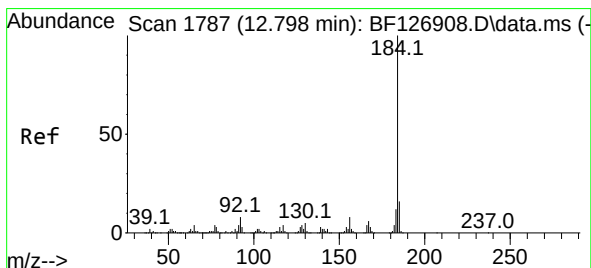
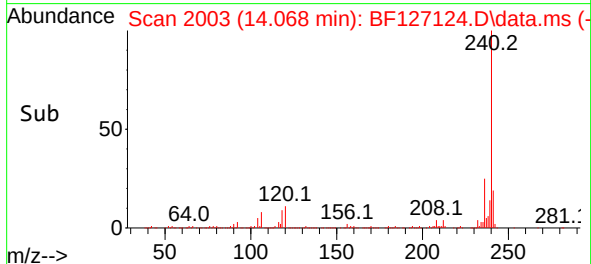
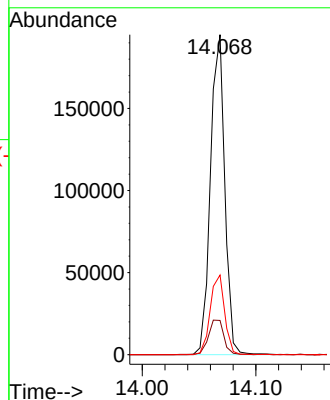
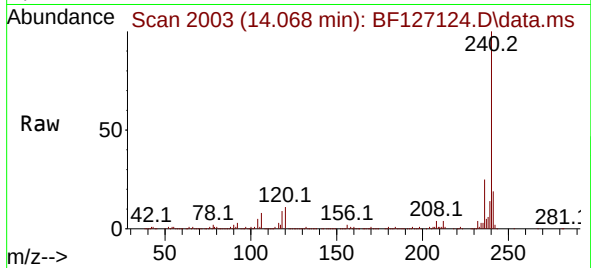




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

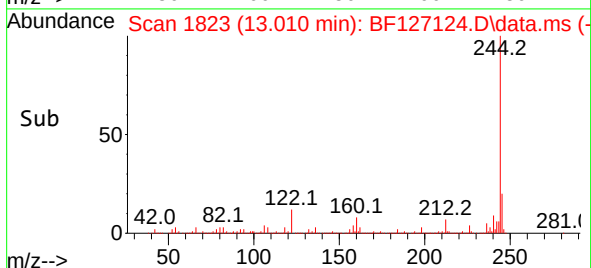
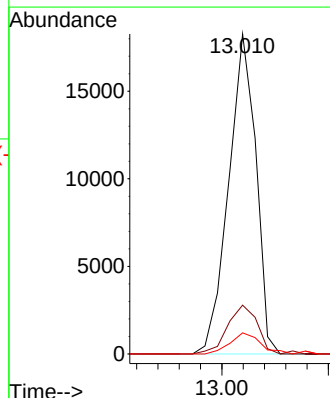
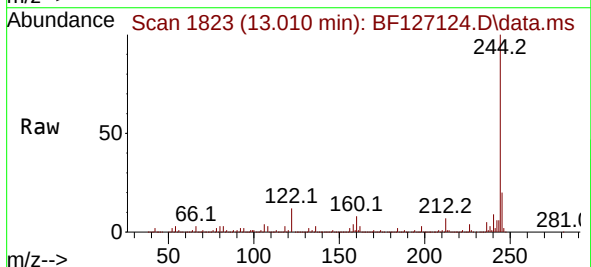
Instrument :
BNA_F
ClientSampleId :
DUP022222

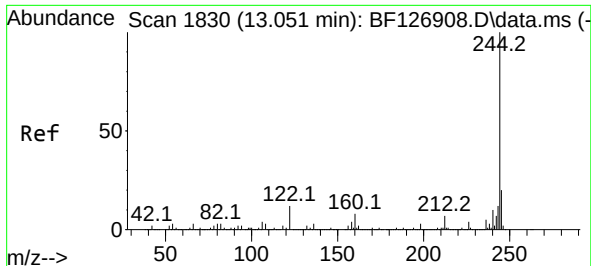
Tgt Ion:240 Resp: 170360
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 3.515 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127124.D
Acq: 01 Mar 2022 19:02

Tgt Ion:184 Resp: 16274
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 6.6 8.2 12.2#

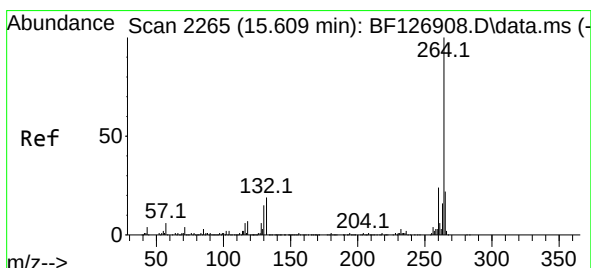
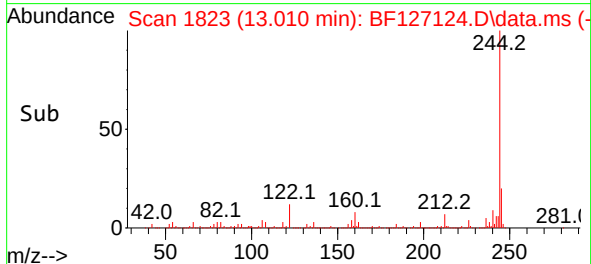
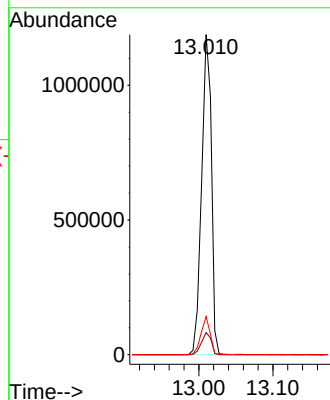
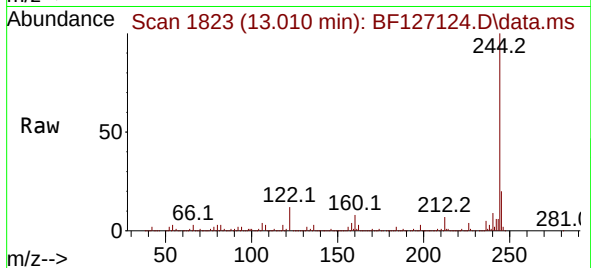




#79
 Terphenyl-d14
 Concen: 93.582 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF127124.D
 Acq: 01 Mar 2022 19:02

Instrument :
 BNA_F
 ClientSampleId :
 DUP022222

Tgt Ion:244 Resp: 1084502
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127124.D
 Acq: 01 Mar 2022 19:02

Tgt Ion:264 Resp: 168568
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 17.4 26.2

