

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127172.D
 Acq On : 03 Mar 2022 15:36
 Operator : CG\JU
 Sample : PB142998TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142998TB

Quant Time: Mar 03 17:02:28 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)

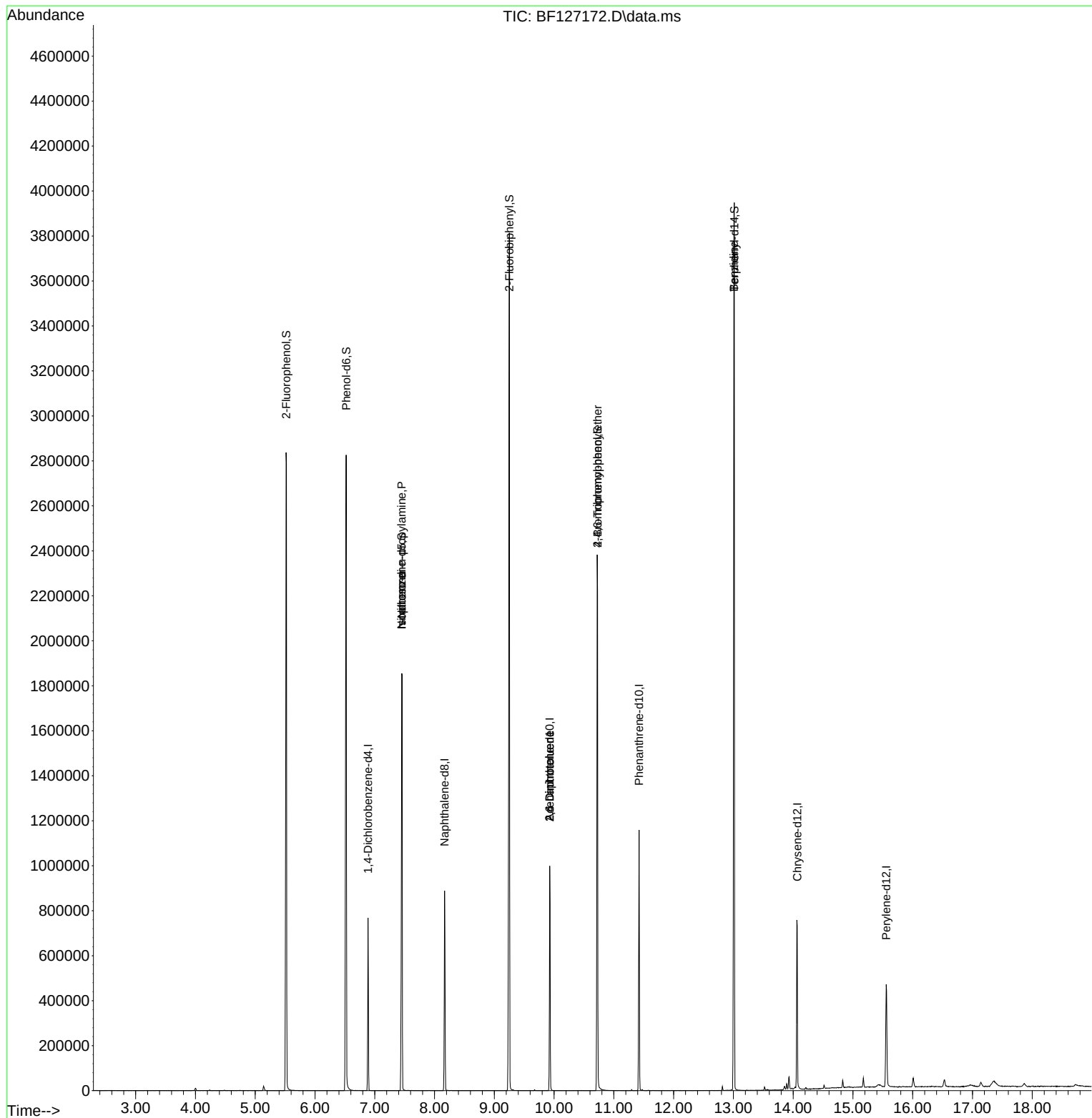
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	94336	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	383609	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	198220	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	362276	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	254534	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	191738	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	782582	128.216	ng	0.01
7) Phenol-d6	6.522	99	1001649	121.619	ng	0.00
23) Nitrobenzene-d5	7.451	82	703209	82.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	316140	138.522	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1158812	86.064	ng	0.00
79) Terphenyl-d14	13.016	244	1488714	85.979	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	97189	18.313	ng	# 78
25) Isophorone	7.451	82	703204	50.003	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	25845	8.966	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	25845	6.631	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	18557	4.585	ng	# 1
77) Benizidine	13.010	184	21406	3.095	ng	# 94

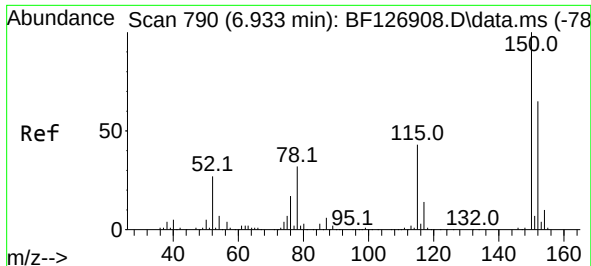
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127172.D
Acq On : 03 Mar 2022 15:36
Operator : CG\JU
Sample : PB142998TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142998TB

Quant Time: Mar 03 17:02:28 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

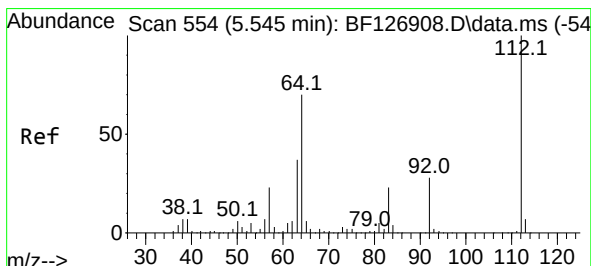
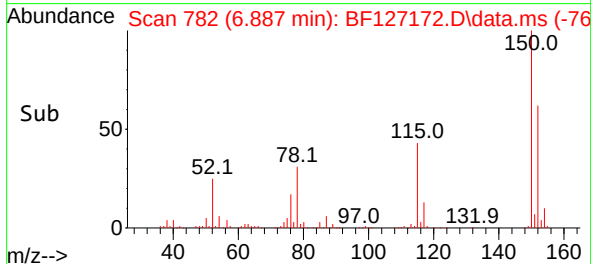
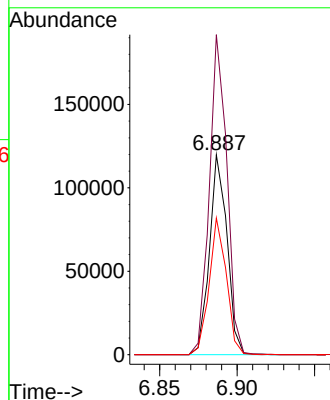
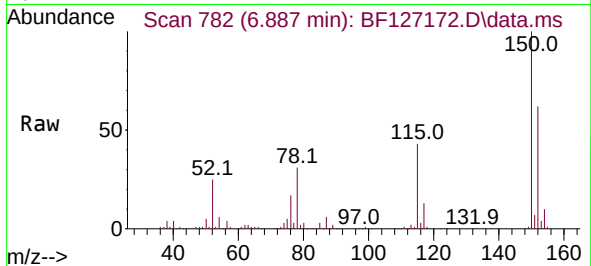




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

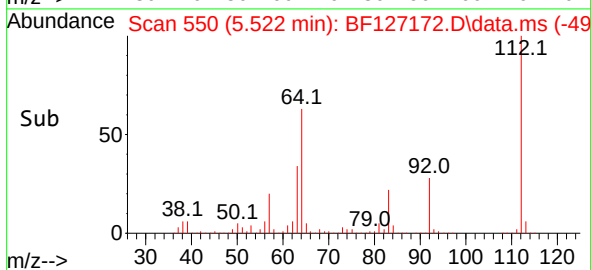
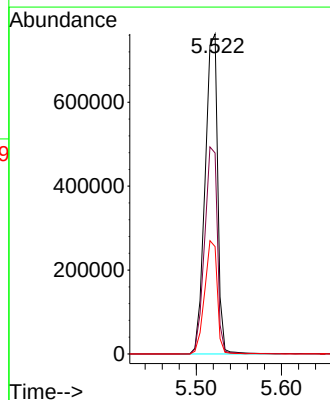
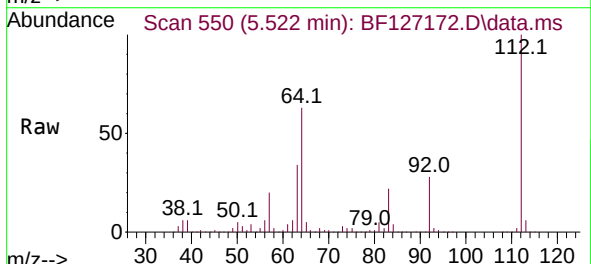
Instrument :
BNA_F
ClientSampleId :
PB142998TB

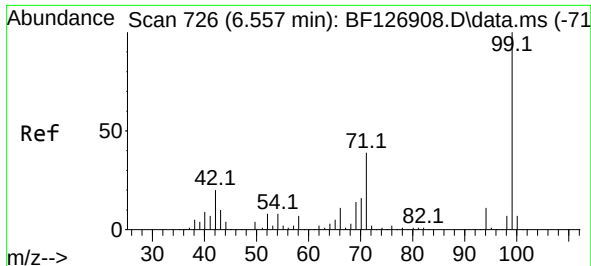
Tgt Ion:152 Resp: 94336
Ion Ratio Lower Upper
152 100
150 160.1 128.1 192.1
115 68.3 56.7 85.1



#5
2-Fluorophenol
Concen: 128.216 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion:112 Resp: 782582
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 33.5 23.9 35.9

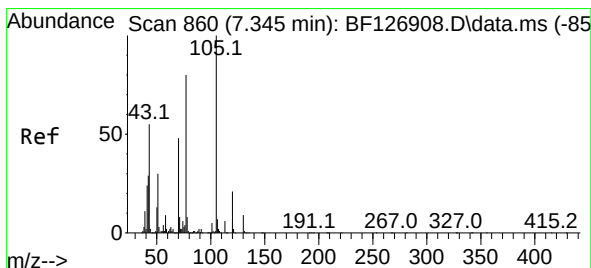
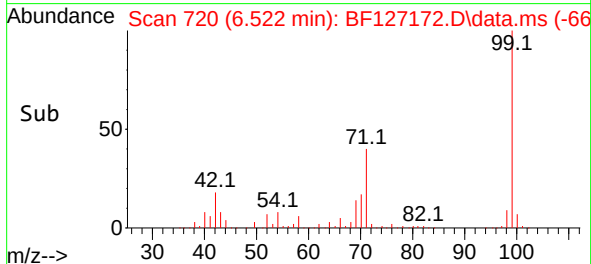
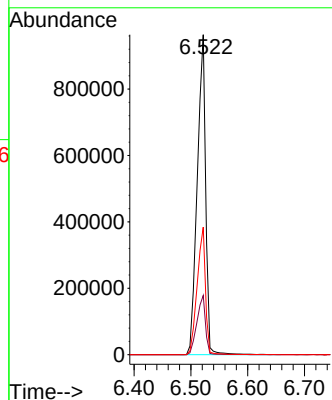
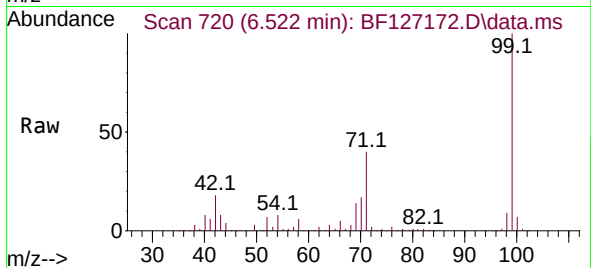




#7
Phenol-d6
Concen: 121.619 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

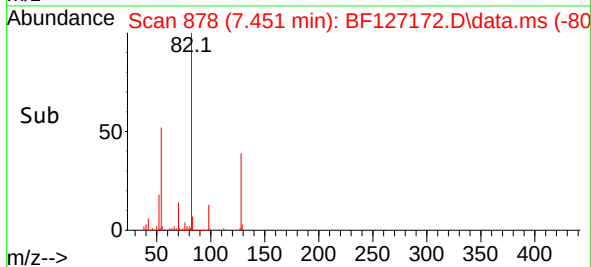
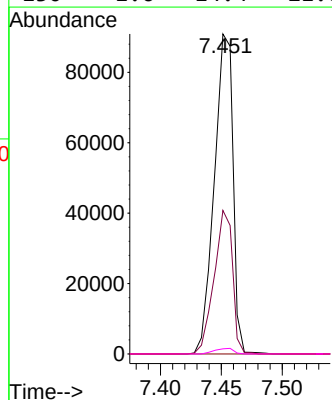
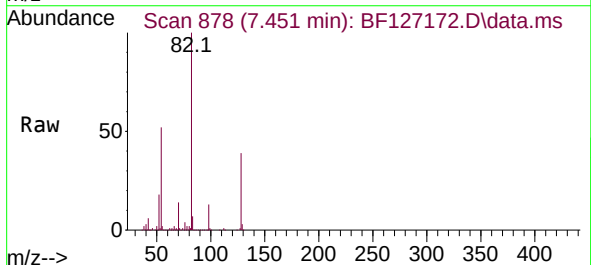
Instrument :
BNA_F
ClientSampleId :
PB142998TB

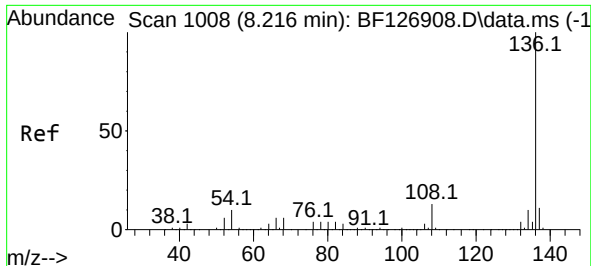
Tgt Ion: 99 Resp: 1001649
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 39.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.313 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion: 70 Resp: 97189
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#





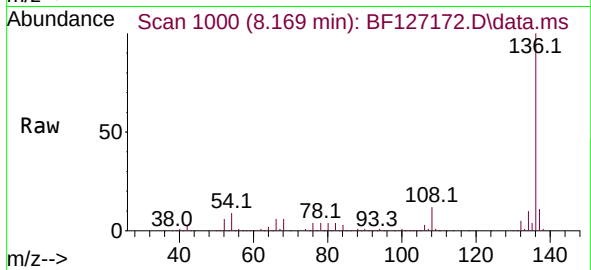
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Instrument :

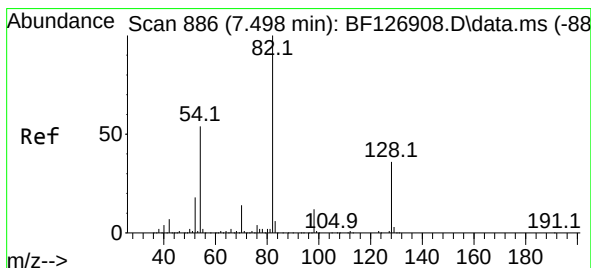
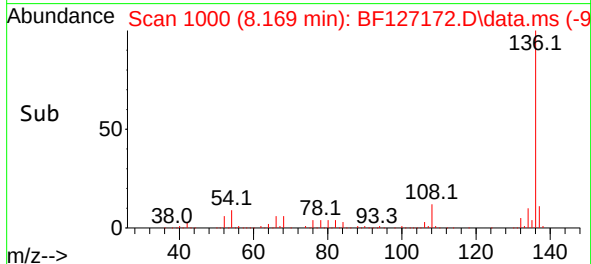
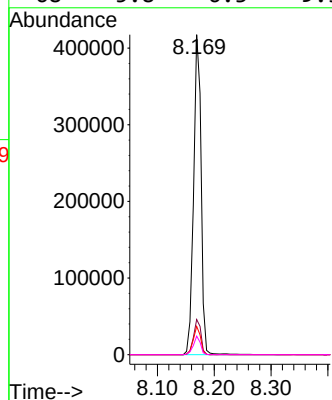
BNA_F

ClientSampleId :

PB142998TB

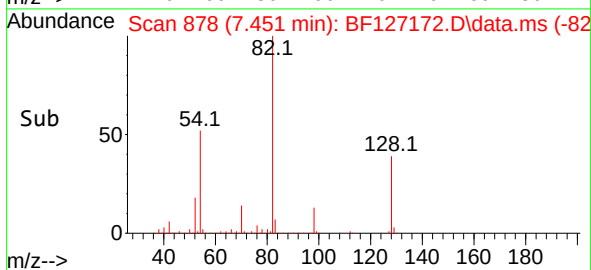
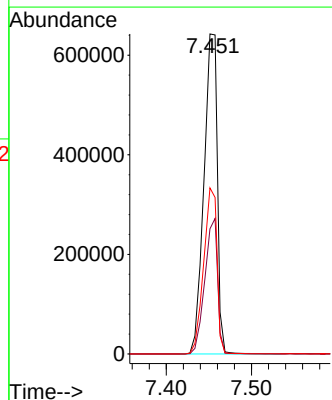
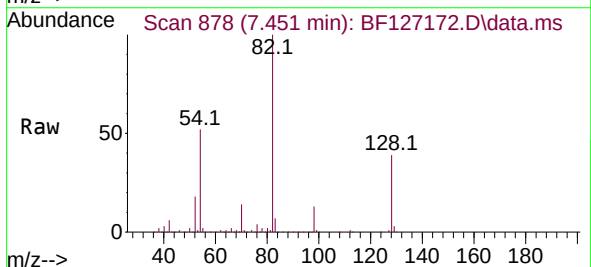


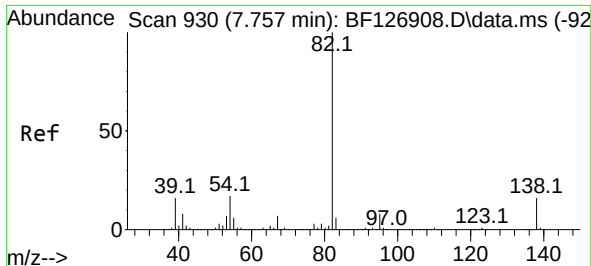
Tgt Ion:136 Resp: 383609
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.743 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion: 82 Resp: 703209
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 51.9 41.7 62.5

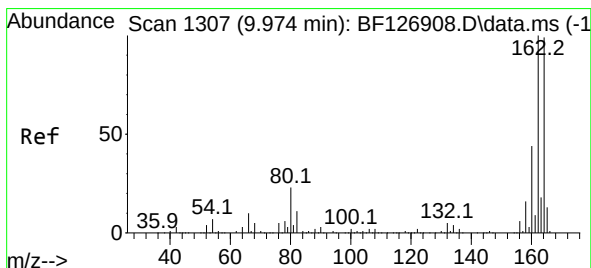
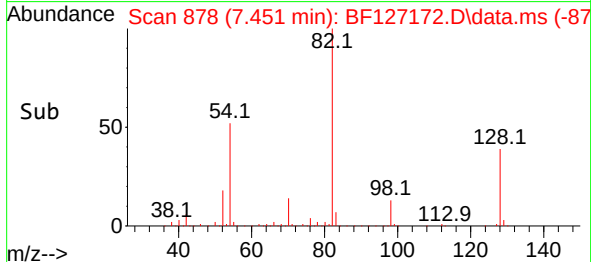
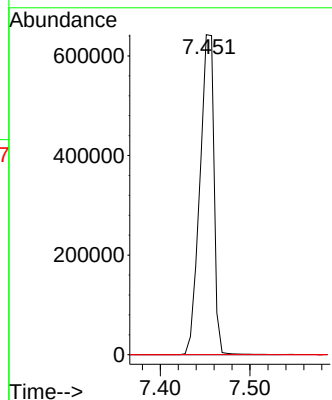
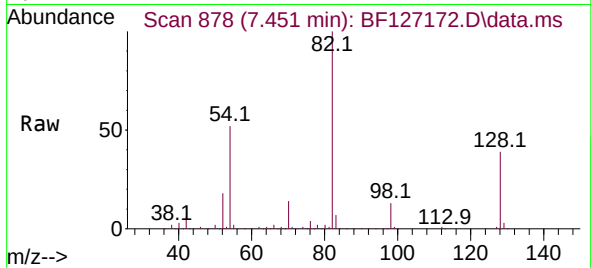




#25
Isophorone
Concen: 50.003 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

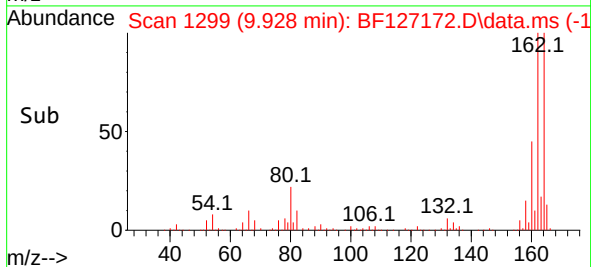
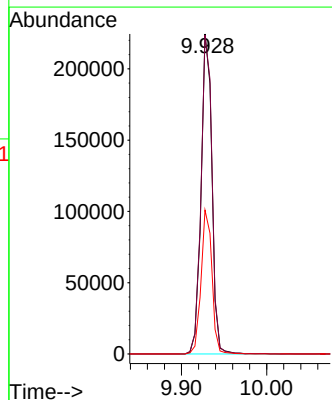
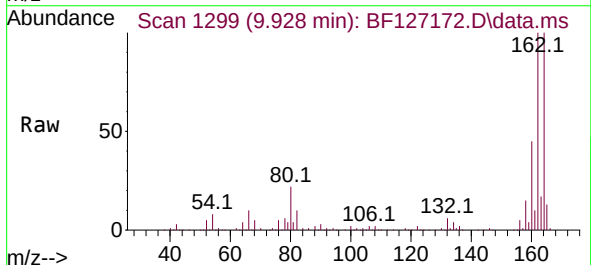
Instrument :
BNA_F
ClientSampleId :
PB142998TB

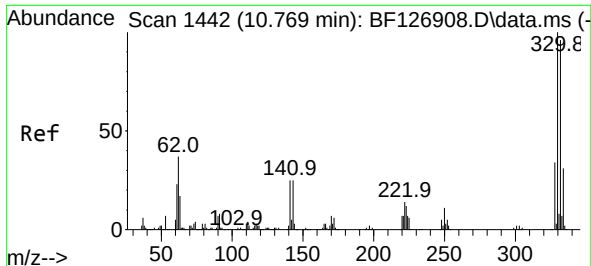
Tgt Ion: 82 Resp: 703204
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion:164 Resp: 198220
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 45.0 36.6 54.8

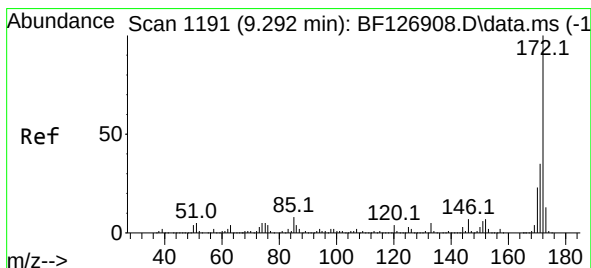
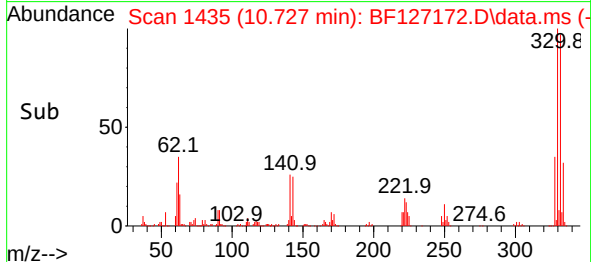
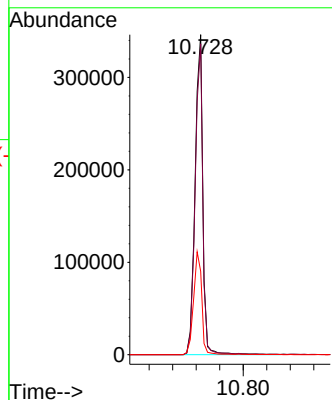
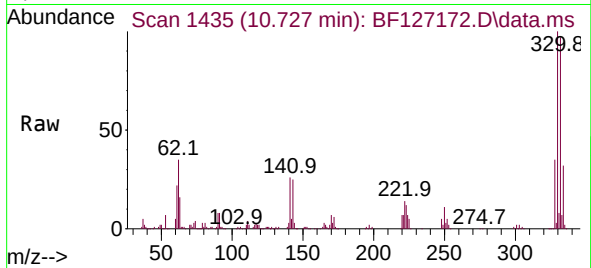




#42
2,4,6-Tribromophenol
Concen: 138.522 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

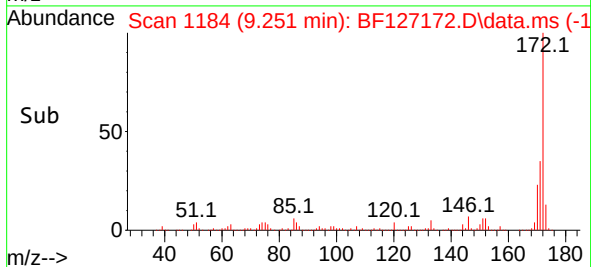
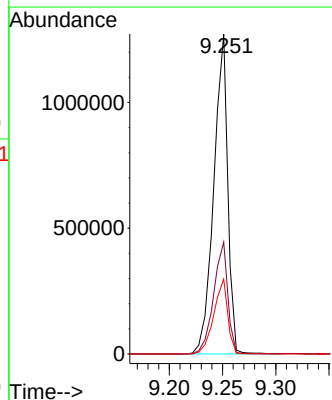
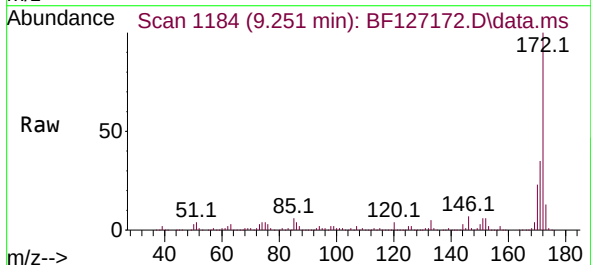
Instrument :
BNA_F
ClientSampleId :
PB142998TB

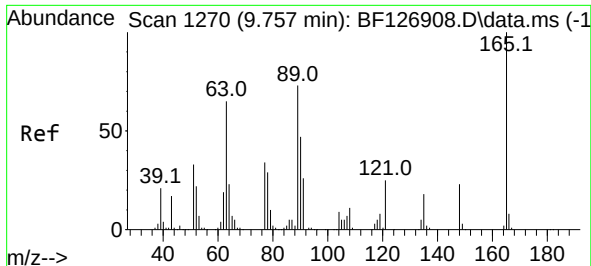
Tgt Ion:330 Resp: 316140
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 86.064 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion:172 Resp: 1158812
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.4 19.0 28.6

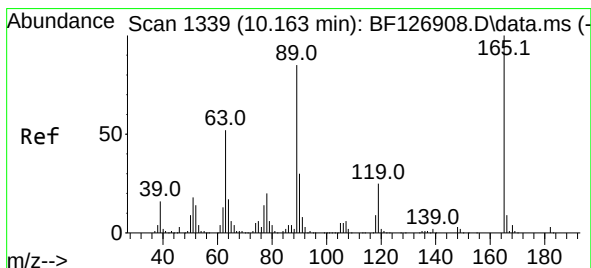
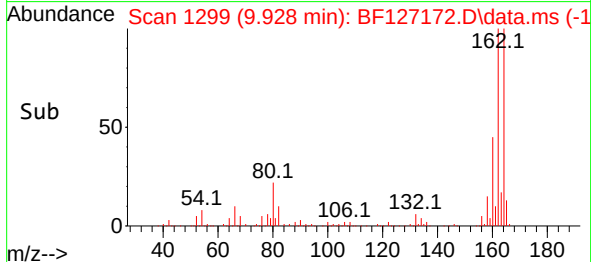
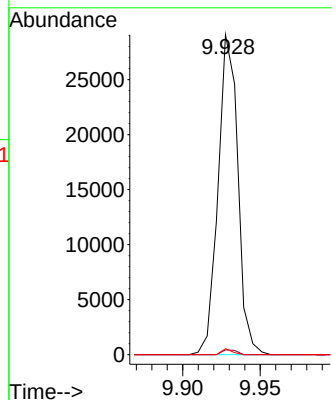
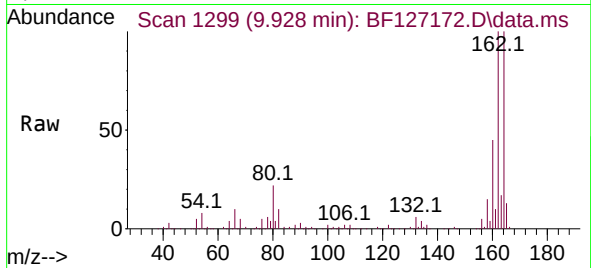




#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

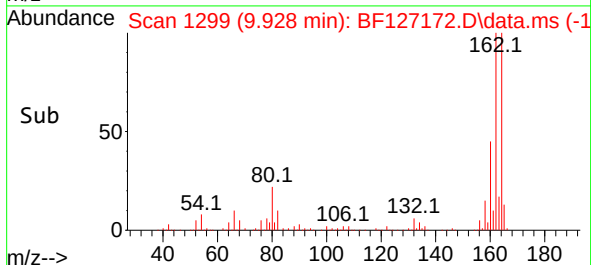
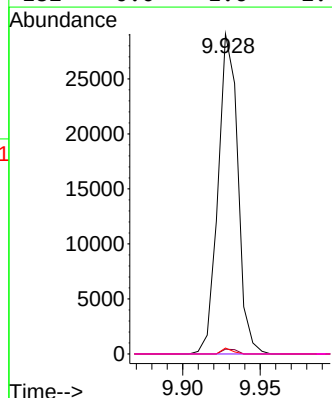
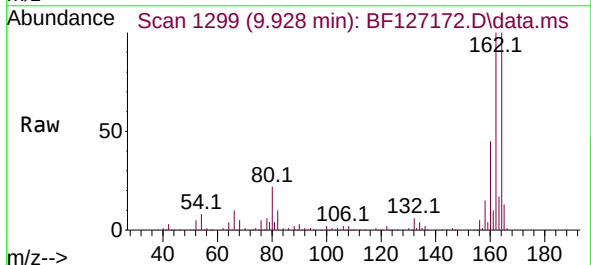
Instrument :
BNA_F
ClientSampleId :
PB142998TB

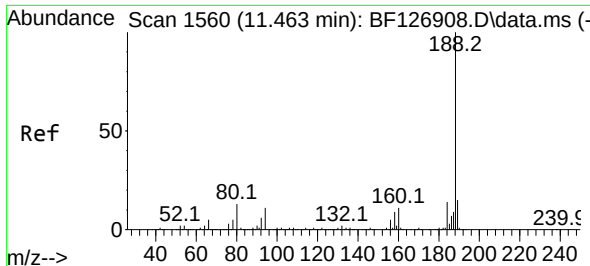
Tgt Ion:165 Resp: 25845
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.631 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion:165 Resp: 25845
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

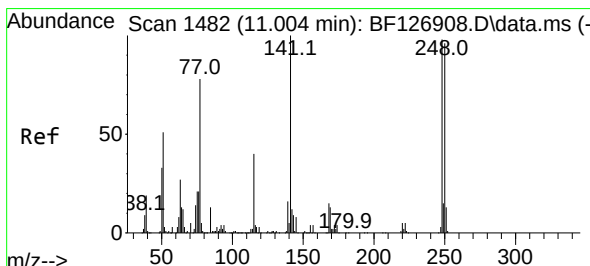
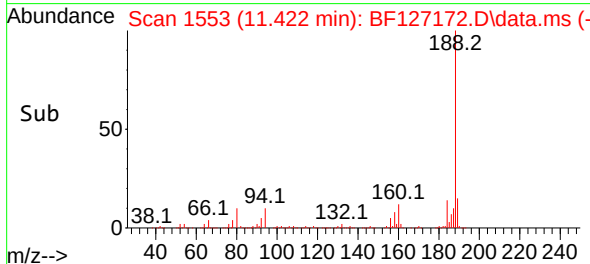
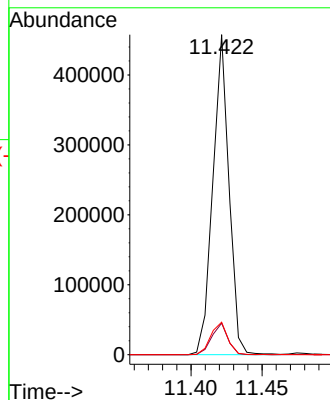
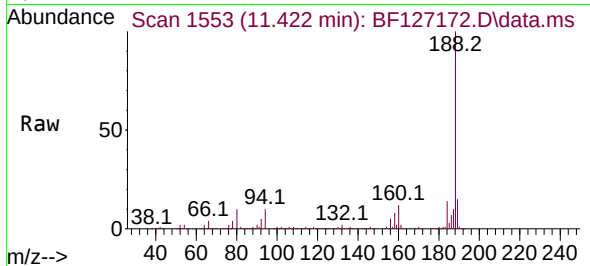




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

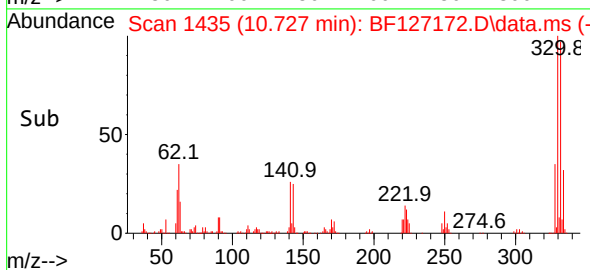
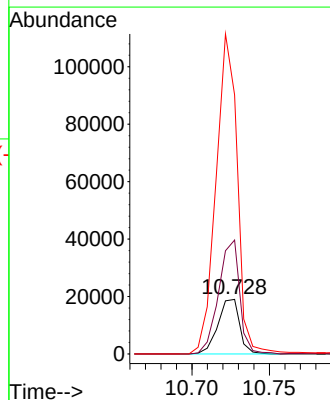
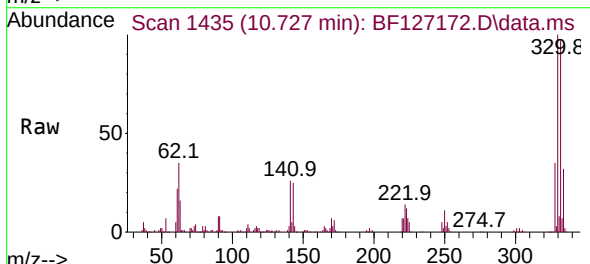
Instrument :
BNA_F
ClientSampleId :
PB142998TB

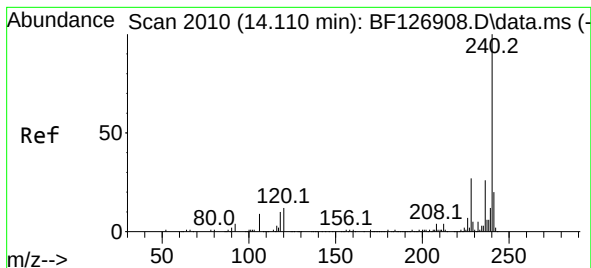
Tgt Ion:188 Resp: 362276
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.585 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127172.D
Acq: 03 Mar 2022 15:36

Tgt Ion:248 Resp: 18557
Ion Ratio Lower Upper
248 100
250 208.8 76.2 114.4#
141 474.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127172.D

Acq: 03 Mar 2022 15:36

Instrument :

BNA_F

ClientSampleId :

PB142998TB

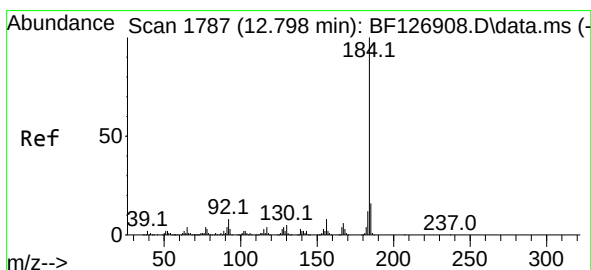
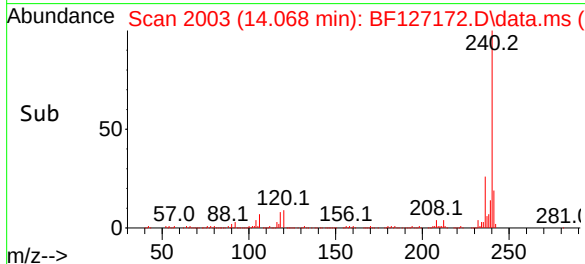
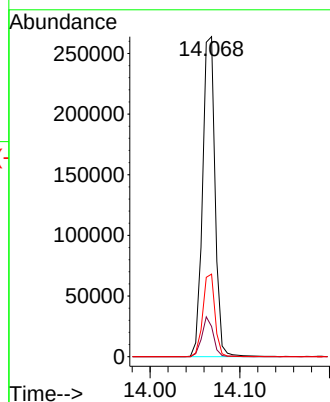
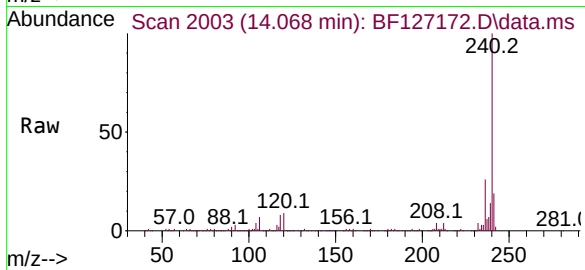
Tgt Ion:240 Resp: 254534

Ion Ratio Lower Upper

240 100

120 9.4 14.4 21.6#

236 25.8 20.5 30.7



#77

Benzidine

Concen: 3.095 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127172.D

Acq: 03 Mar 2022 15:36

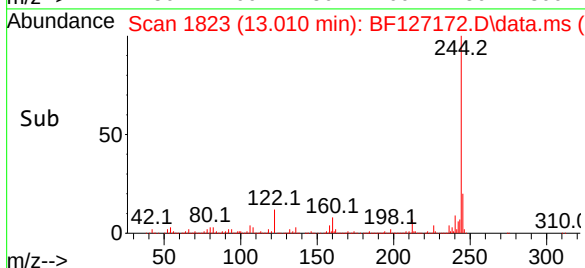
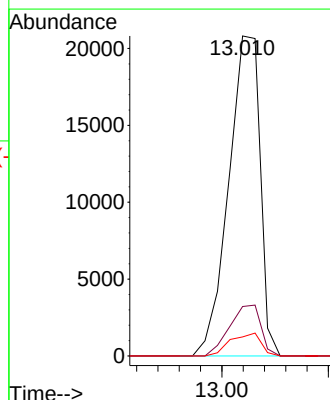
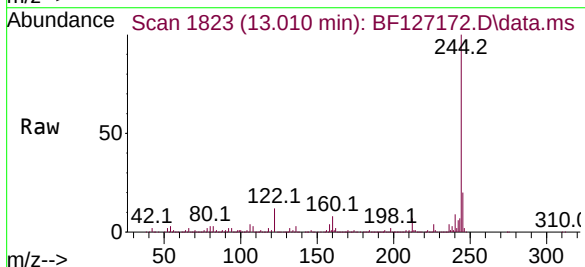
Tgt Ion:184 Resp: 21406

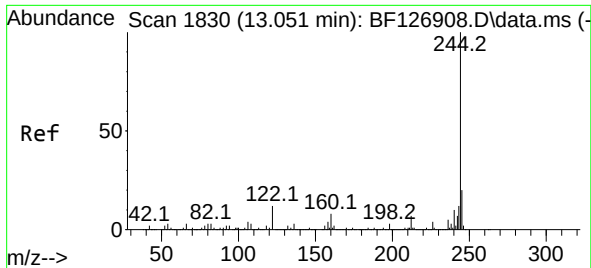
Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

183 5.9 8.2 12.2#

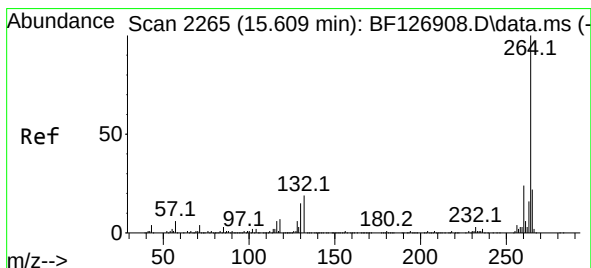
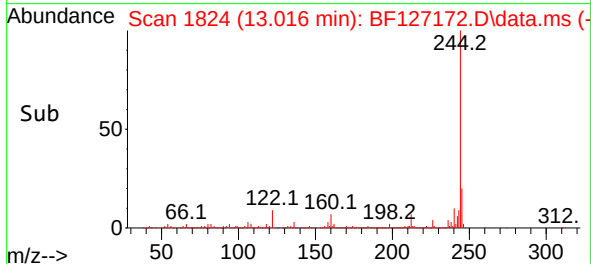
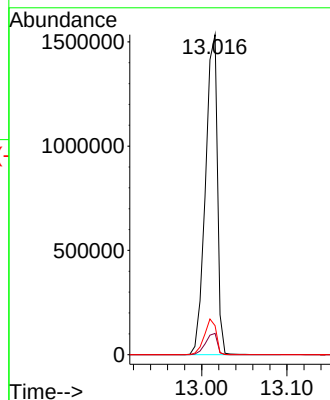
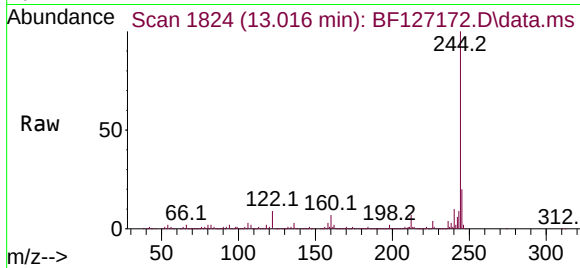




#79
 Terphenyl-d14
 Concen: 85.979 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127172.D
 Acq: 03 Mar 2022 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB142998TB

Tgt Ion:244 Resp: 1488714
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 9.1 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: BF127172.D
 Acq: 03 Mar 2022 15:36

Tgt Ion:264 Resp: 191738
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.4 26.2

