

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132677.D
 Acq On : 07 Mar 2023 14:25
 Operator : CG\JU
 Sample : PB151267BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151267BL

Quant Time: Mar 08 04:39:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

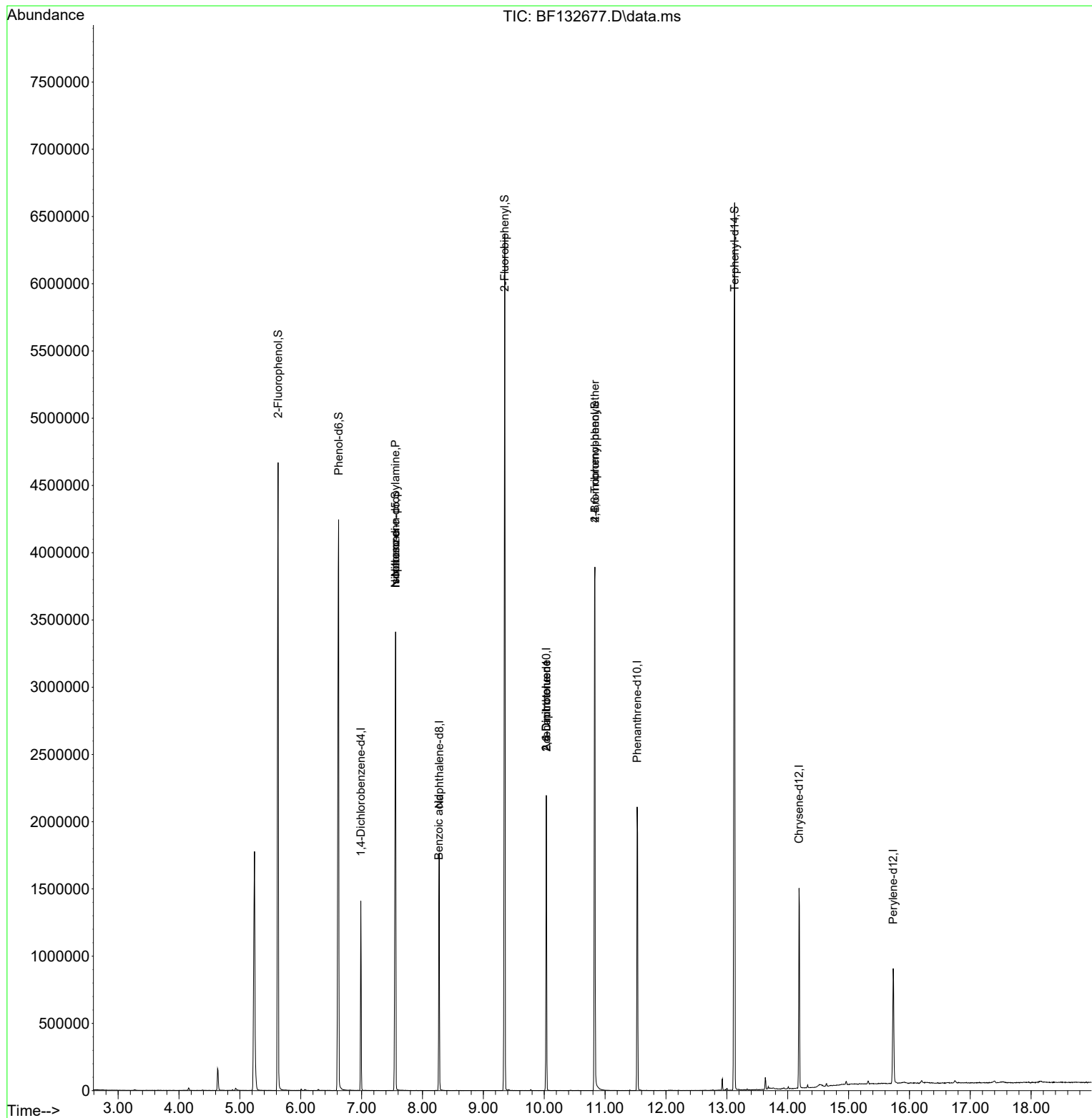
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	196954	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	759565	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	423551	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	825939	20.000	ng	0.00
76) Chrysene-d12	14.186	240	513814	20.000	ng	#-0.01
86) Perylene-d12	15.733	264	410787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1471076	121.222	ng	0.01
7) Phenol-d6	6.622	99	1886616	119.121	ng	0.00
23) Nitrobenzene-d5	7.557	82	1275149	79.649	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	557102	121.793	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	2055083	73.880	ng	0.00
79) Terphenyl-d14	13.127	244	2622486	86.295	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.557	70	169067	17.345	ng	# 75
25) Isophorone	7.557	82	1272120	41.445	ng	# 67
32) Benzoic acid	8.269	122	251	3.861	ng	# 1
51) 2,6-Dinitrotoluene	10.033	165	56558	8.053	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	56558	6.053	ng	# 21
67) 4-Bromophenyl-phenylether	10.833	248	36582	3.916	ng	# 1

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

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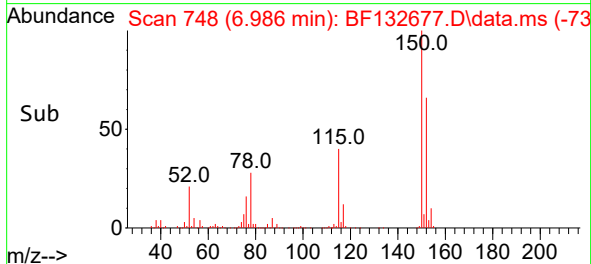
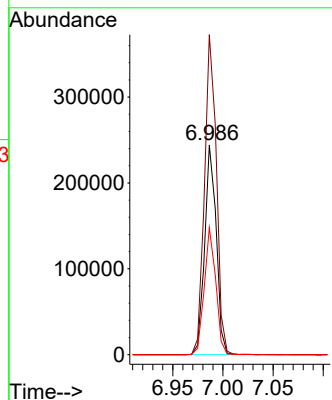
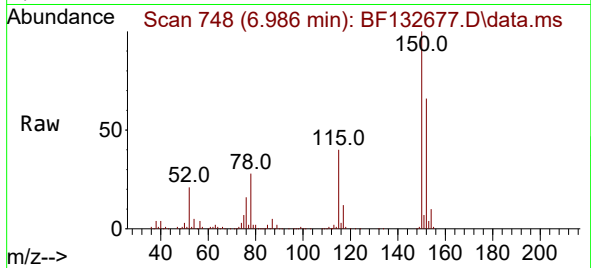




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 710
Delta R.T. -0.007 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

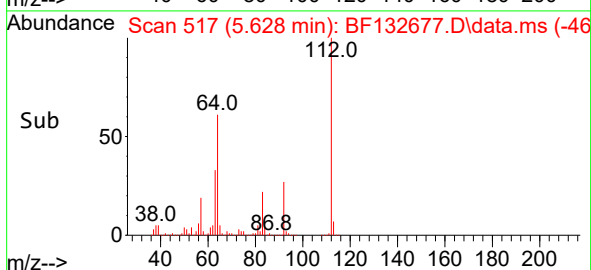
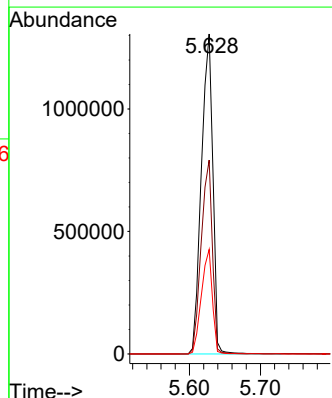
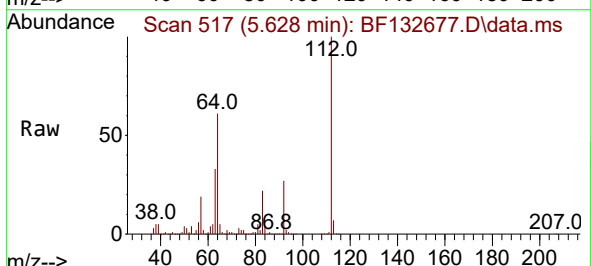
Instrument :
BNA_F
ClientSampleId :
PB151267BL

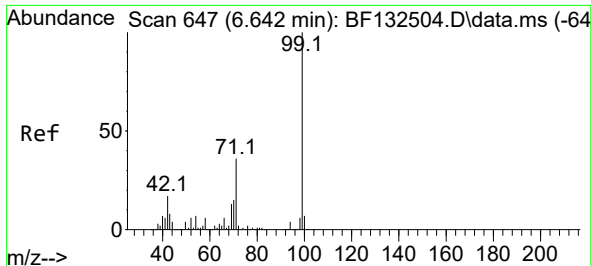
Tgt Ion:152 Resp: 196954
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 60.6 47.8 71.6



#5
2-Fluorophenol
Concen: 121.222 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion:112 Resp: 1471076
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.7 27.4 41.2

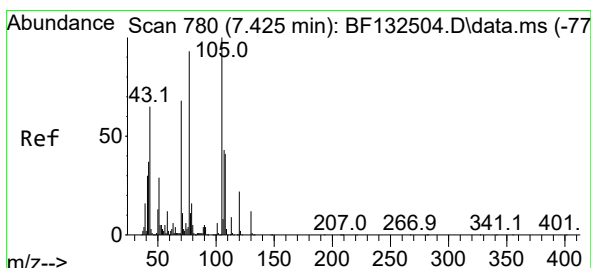
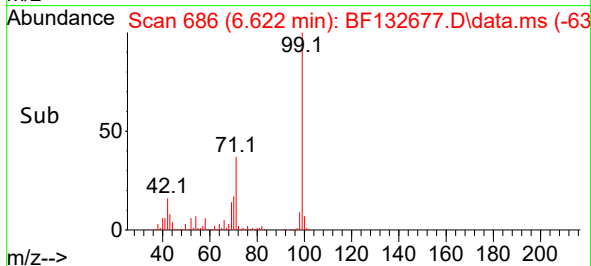
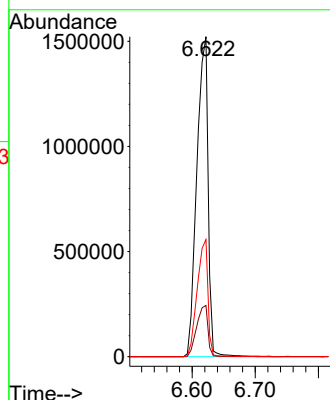
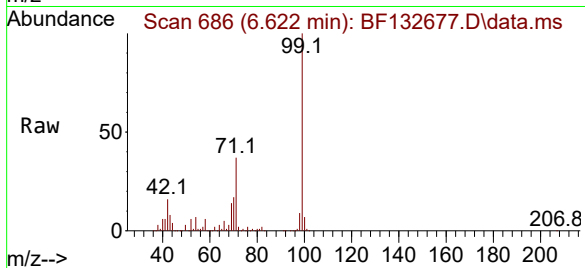




#7
Phenol-d6
Concen: 119.121 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

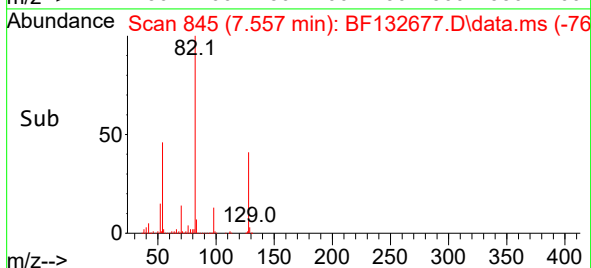
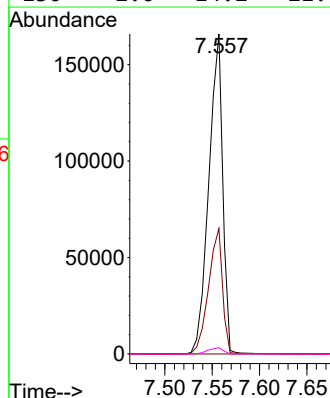
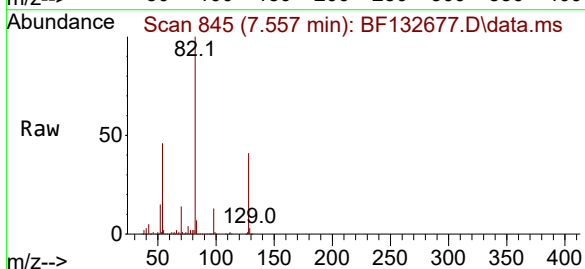
Instrument :
BNA_F
ClientSampleId :
PB151267BL

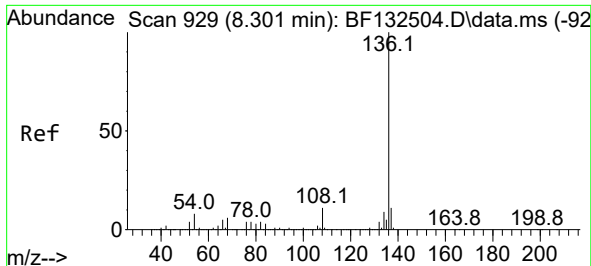
Tgt Ion: 99 Resp: 1886616
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 36.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.345 ng
RT: 7.557 min Scan# 845
Delta R.T. 0.153 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion: 70 Resp: 169067
Ion Ratio Lower Upper
70 100
42 39.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

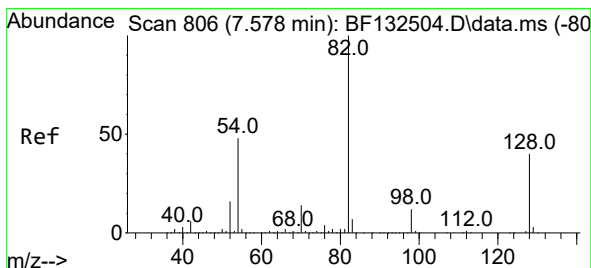
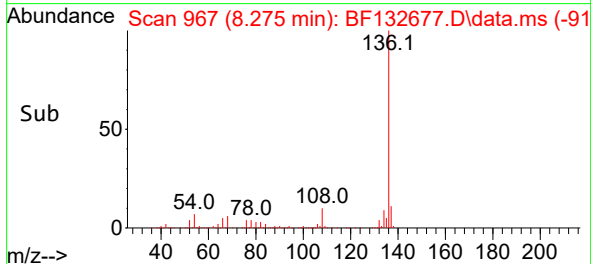
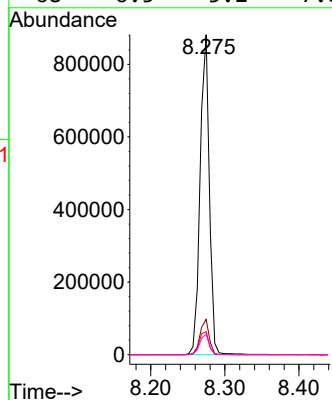
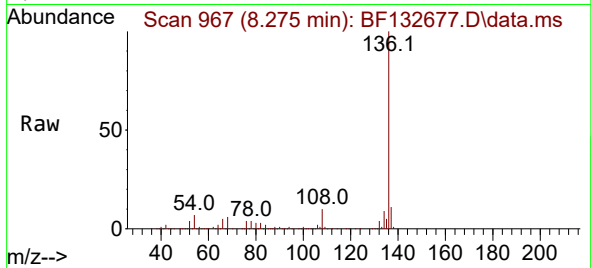




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

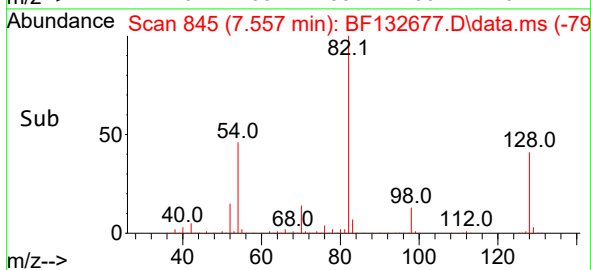
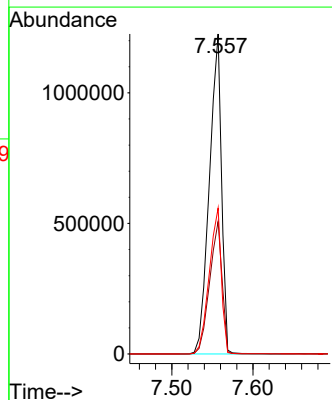
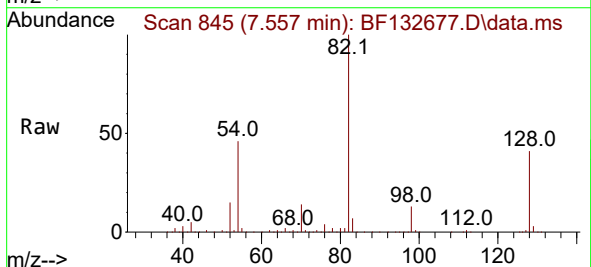
Instrument :
BNA_F
ClientSampleId :
PB151267BL

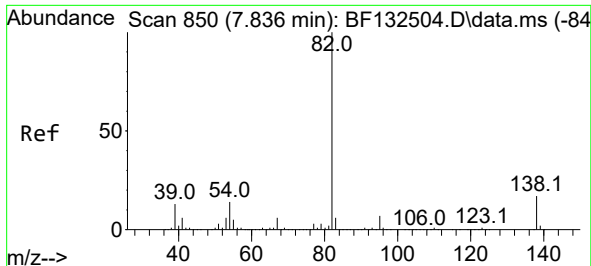
Tgt Ion:136 Resp: 759565
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.649 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion: 82 Resp: 1275149
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 45.6 38.4 57.6

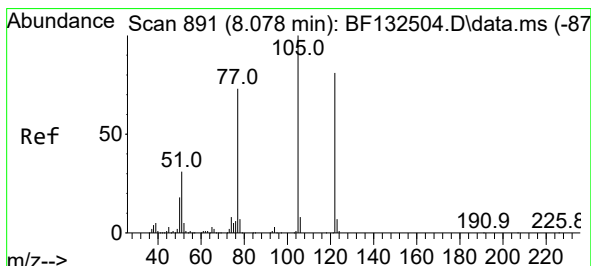
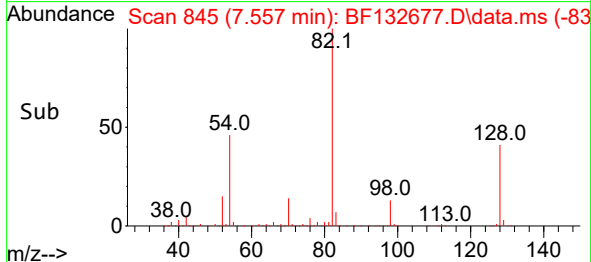
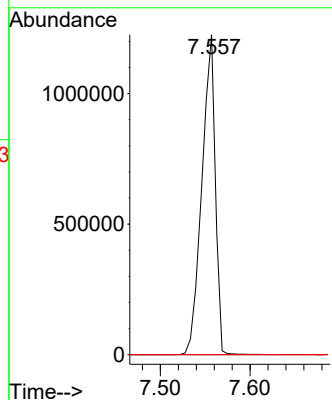
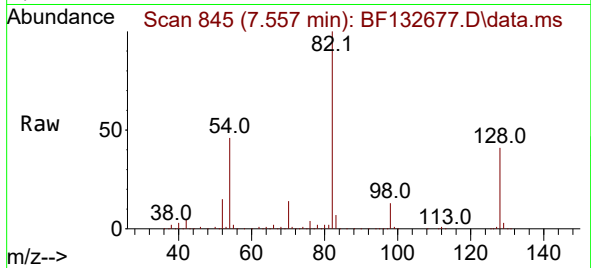




#25
Isophorone
Concen: 41.445 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

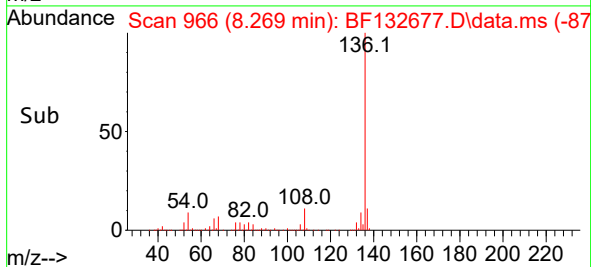
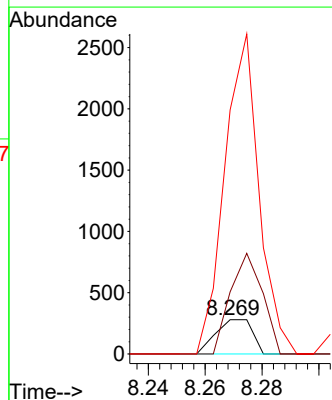
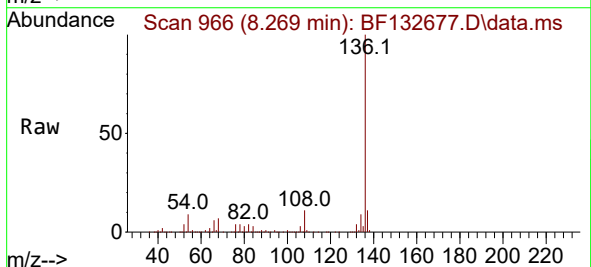
Instrument :
BNA_F
ClientSampleId :
PB151267BL

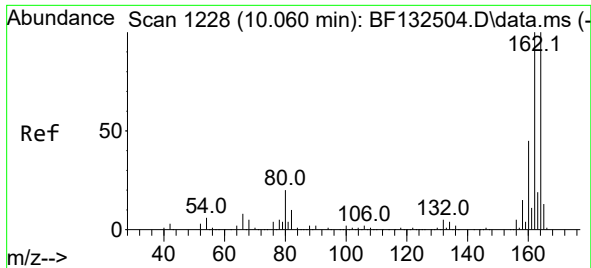
Tgt Ion: 82 Resp: 1272120
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 8.269 min Scan# 966
Delta R.T. 0.212 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion:122 Resp: 251
Ion Ratio Lower Upper
122 100
105 181.1 102.6 142.6#
77 711.1 70.2 110.2#

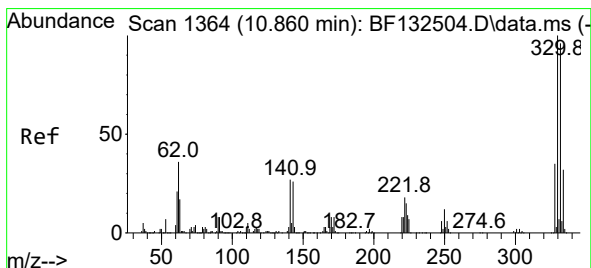
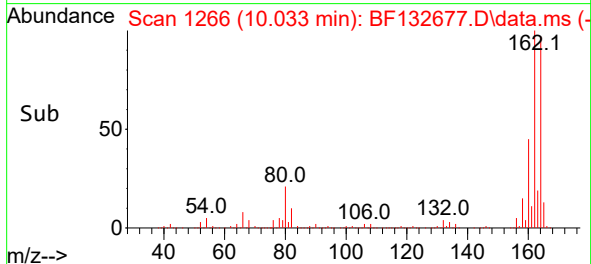
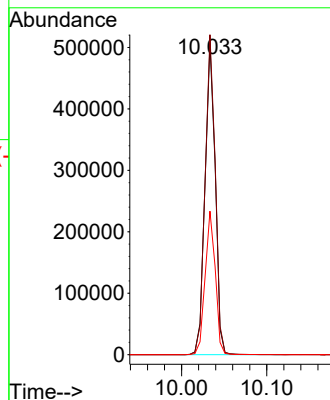
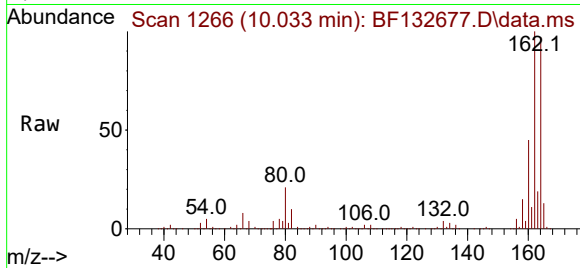




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

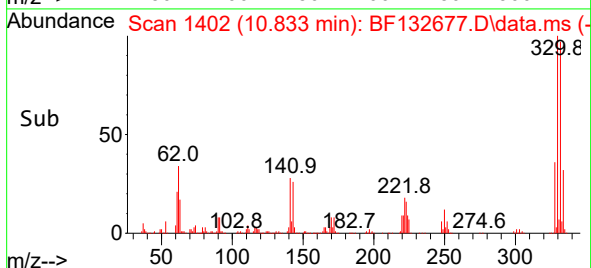
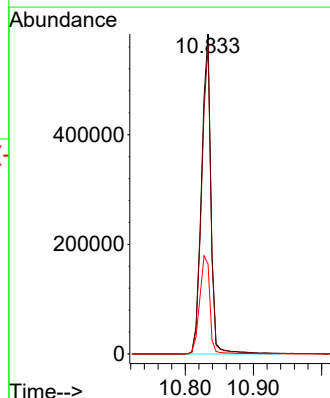
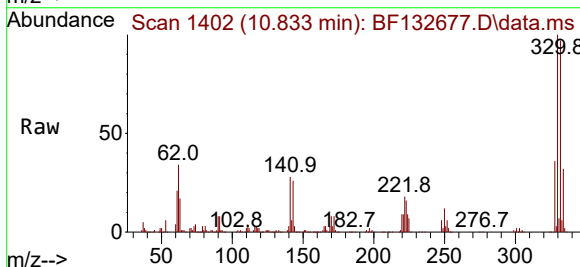
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PB151267BL

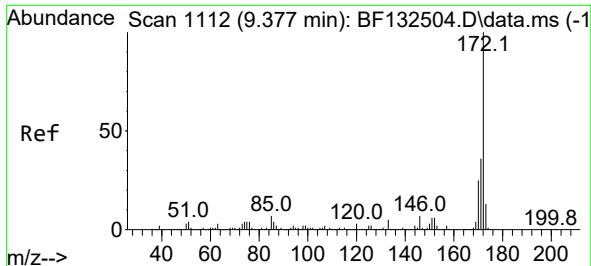
Tgt Ion:164 Resp: 423551
Ion Ratio Lower Upper
164 100
162 102.9 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 121.793 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion:330 Resp: 557102
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 73.880 ng

RT: 9.351 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132677.D

Acq: 07 Mar 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB151267BL

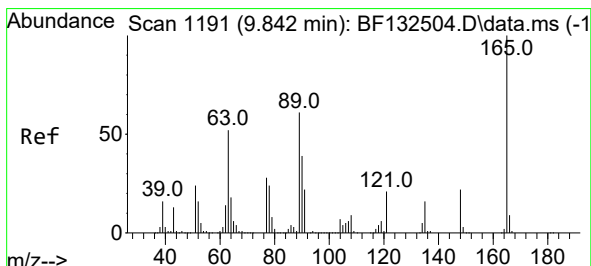
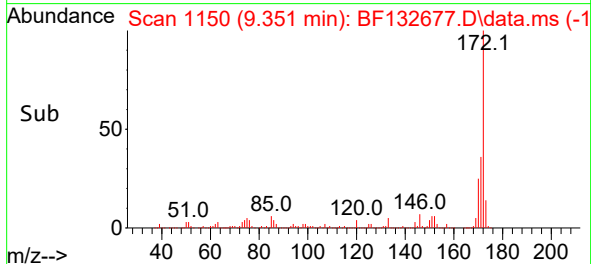
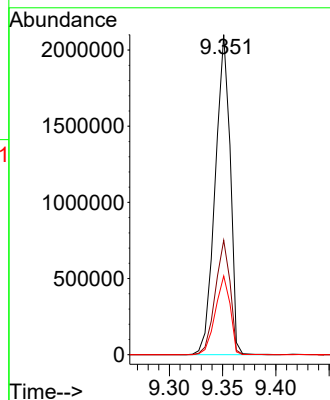
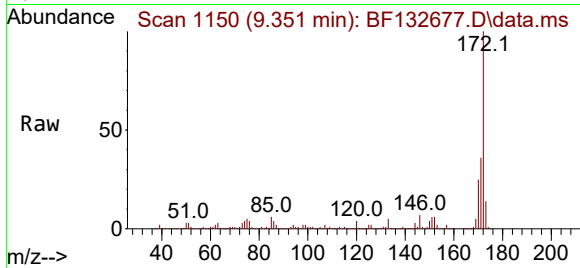
Tgt Ion:172 Resp: 2055083

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.6 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 8.053 ng

RT: 10.033 min Scan# 1266

Delta R.T. 0.212 min

Lab File: BF132677.D

Acq: 07 Mar 2023 14:25

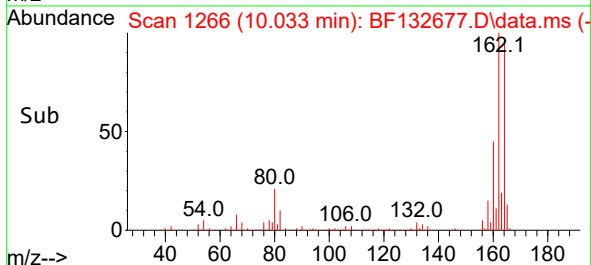
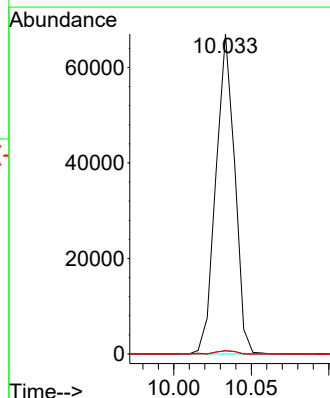
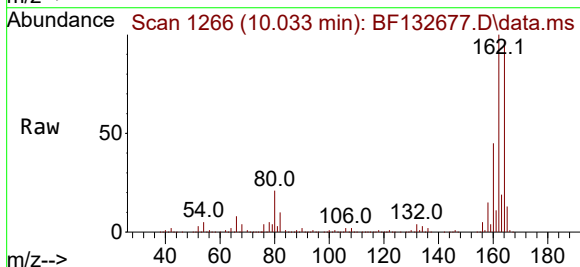
Tgt Ion:165 Resp: 56558

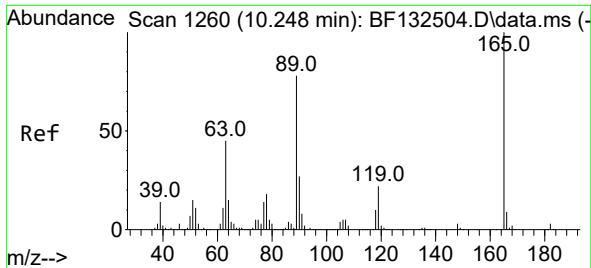
Ion Ratio Lower Upper

165 100

63 1.0 47.3 70.9#

89 1.0 48.9 73.3#

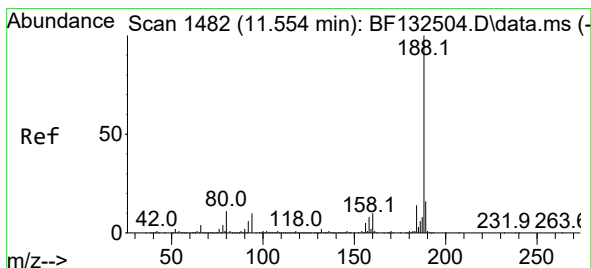
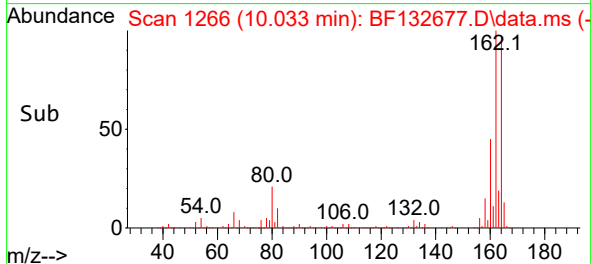
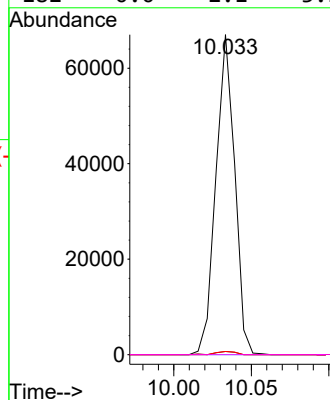
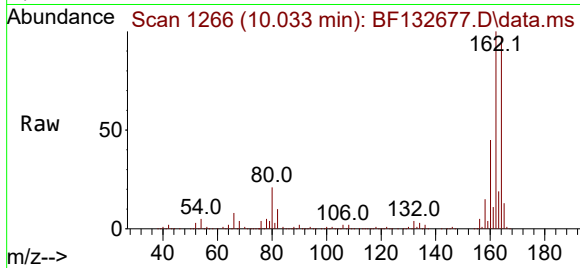




#57
2,4-Dinitrotoluene
Concen: 6.053 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

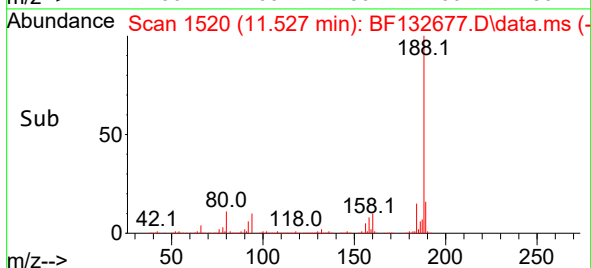
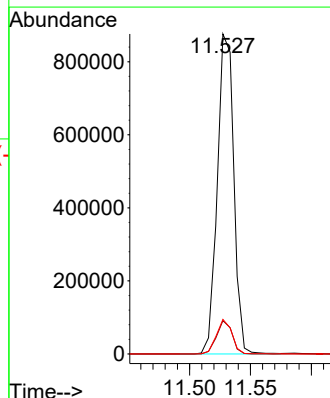
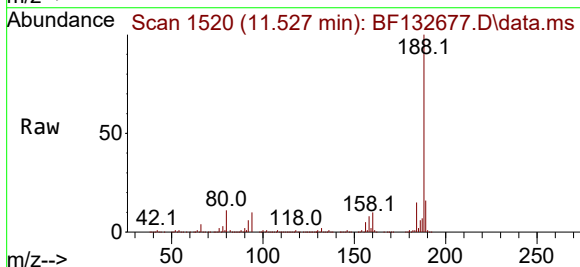
Instrument :
BNA_F
ClientSampleId :
PB151267BL

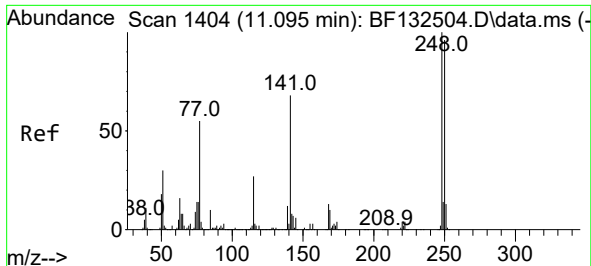
Tgt Ion:165 Resp: 56558
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion:188 Resp: 825939
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.8 8.7 13.1

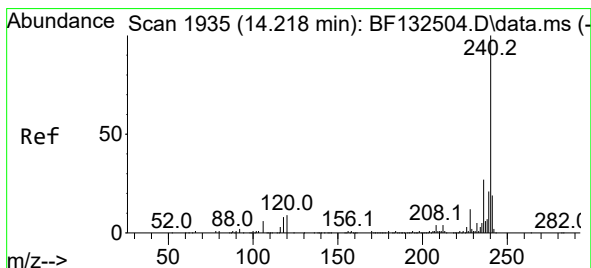
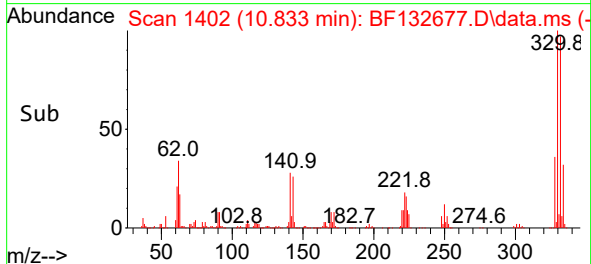
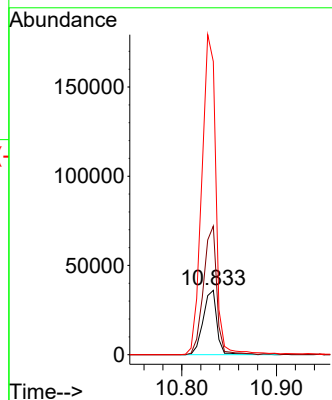
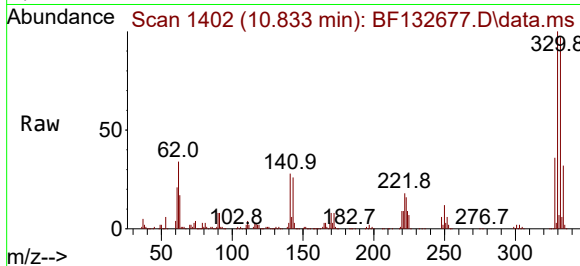




#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.241 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

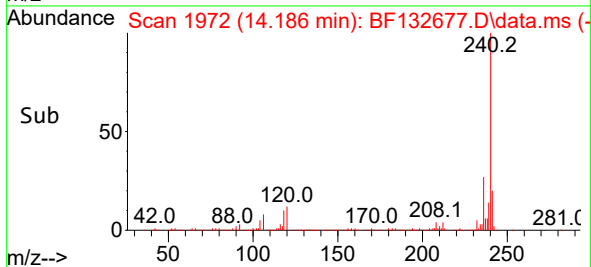
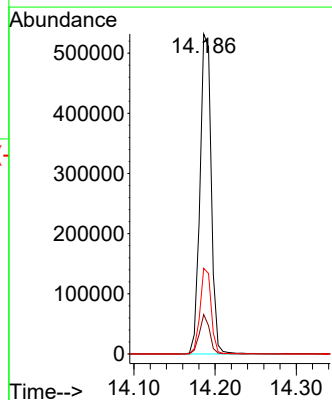
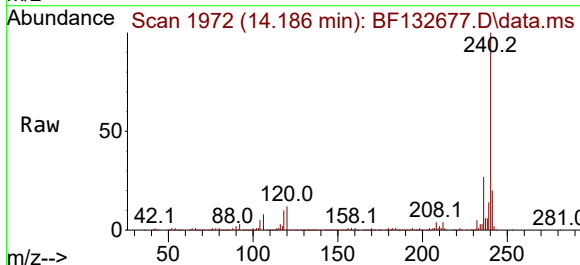
Instrument :
BNA_F
ClientSampleId :
PB151267BL

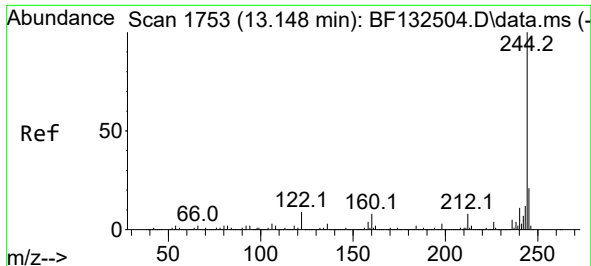
Tgt Ion:248 Resp: 36582
Ion Ratio Lower Upper
248 100
250 199.7 77.0 115.4#
141 455.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132677.D
Acq: 07 Mar 2023 14:25

Tgt Ion:240 Resp: 513814
Ion Ratio Lower Upper
240 100
120 12.3 7.2 10.8#
236 26.7 21.8 32.6

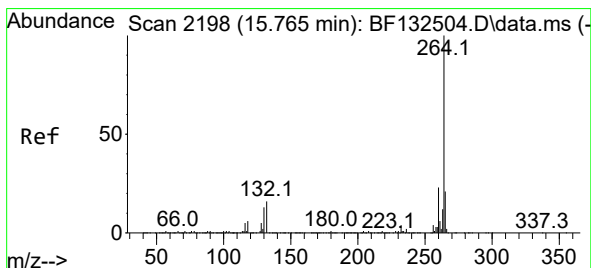
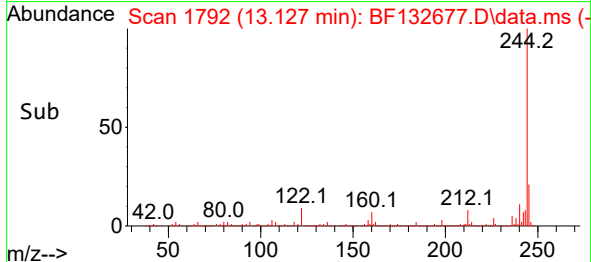
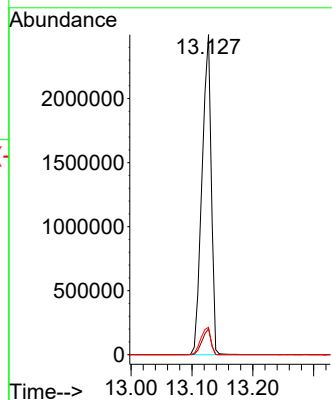
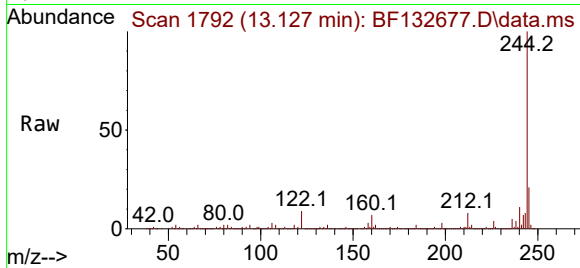




#79
 Terphenyl-d14
 Concen: 86.295 ng
 RT: 13.127 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF132677.D
 Acq: 07 Mar 2023 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB151267BL

Tgt Ion:244 Resp: 2622486
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2235
 Delta R.T. -0.006 min
 Lab File: BF132677.D
 Acq: 07 Mar 2023 14:25

Tgt Ion:264 Resp: 410787
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.8 28.2
 265 22.4 17.1 25.7

