

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132510.D
 Acq On : 22 Feb 2023 17:35
 Operator : CG\JU
 Sample : PB151002BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL

Quant Time: Feb 23 01:17:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

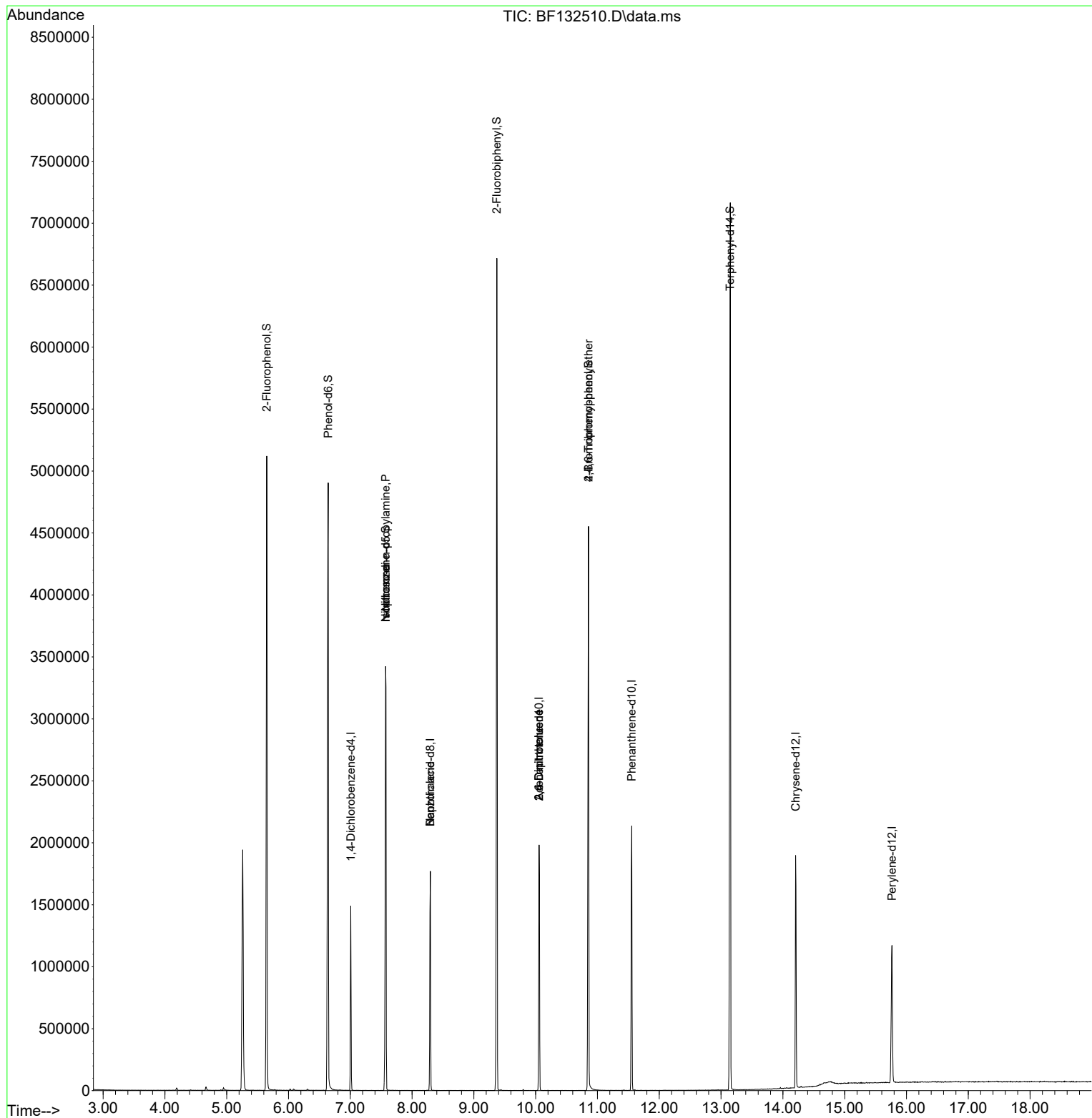
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	197214	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	734256	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	409071	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	786222	20.000	ng	0.00
76) Chrysene-d12	14.207	240	631119	20.000	ng	#-0.01
86) Perylene-d12	15.766	264	556384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1513020	124.514	ng	0.01
7) Phenol-d6	6.643	99	1967252	124.049	ng	0.00
23) Nitrobenzene-d5	7.572	82	1349318	87.187	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	553059	125.189	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2087710	77.710	ng	0.00
79) Terphenyl-d14	13.148	244	2732020	73.190	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.572	70	181989	18.646	ng	# 78
25) Isophorone	7.572	82	1345953	45.362	ng	# 67
32) Benzoic acid	8.295	122	223	3.859	ng	# 1
51) 2,6-Dinitrotoluene	10.054	165	53107	7.829	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	53107	5.885	ng	# 21
67) 4-Bromophenyl-phenylether	10.854	248	37279	4.192	ng	# 1

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

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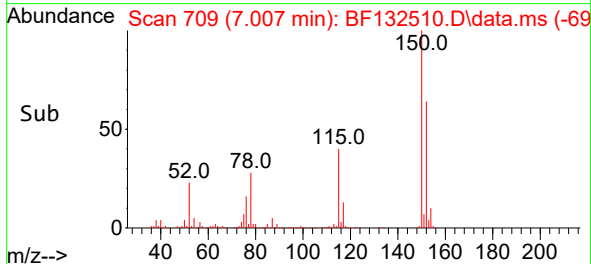
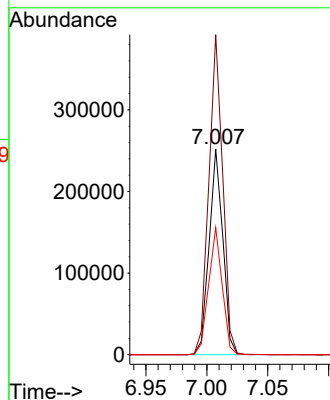
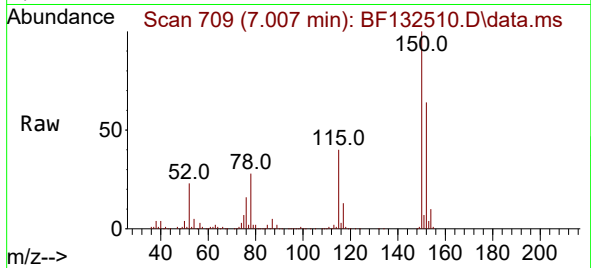




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

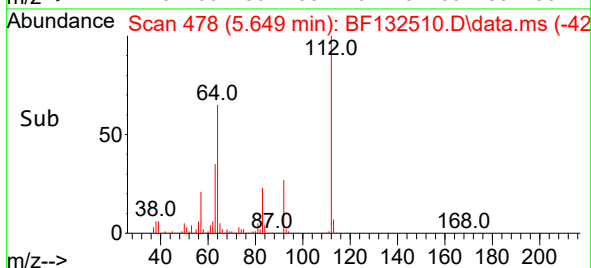
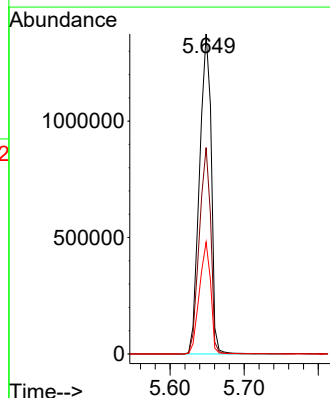
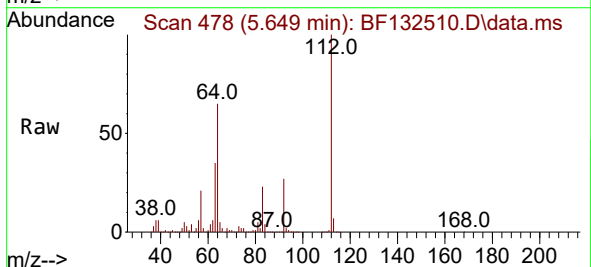
Instrument :
BNA_F
ClientSampleId :
PB151002BL

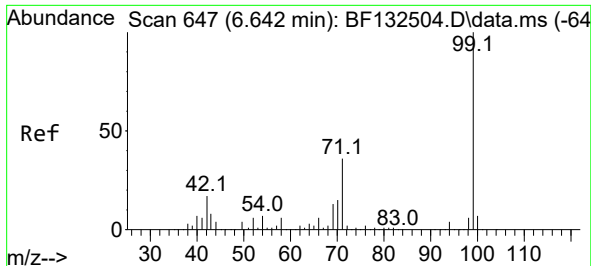
Tgt Ion:152 Resp: 197214
Ion Ratio Lower Upper
152 100
150 155.5 125.4 188.2
115 61.7 47.8 71.6



#5
2-Fluorophenol
Concen: 124.514 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion:112 Resp: 1513020
Ion Ratio Lower Upper
112 100
64 64.5 51.6 77.4
63 35.0 27.4 41.2

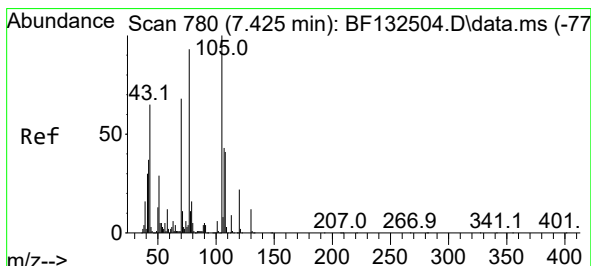
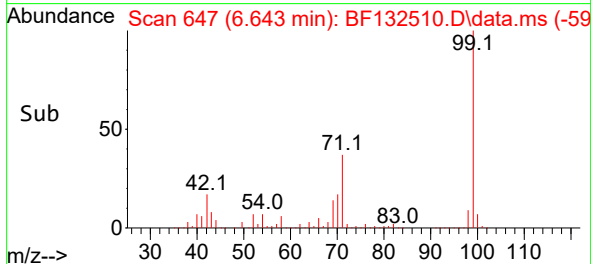
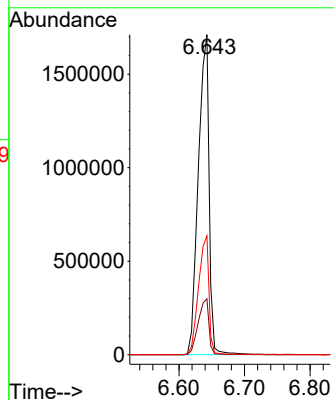
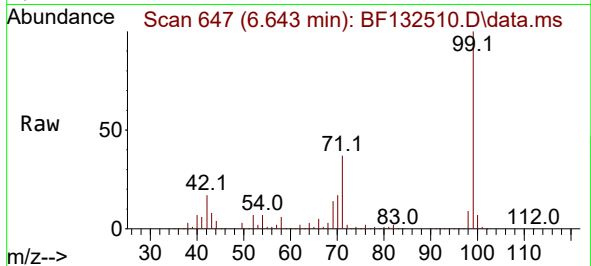




#7
Phenol-d6
Concen: 124.049 ng
RT: 6.643 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

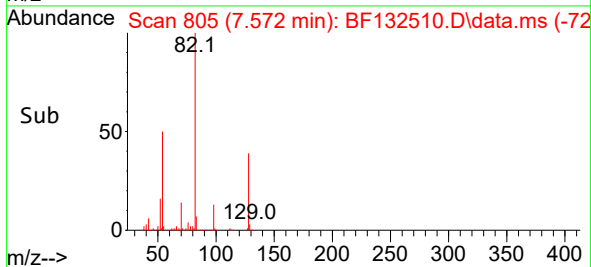
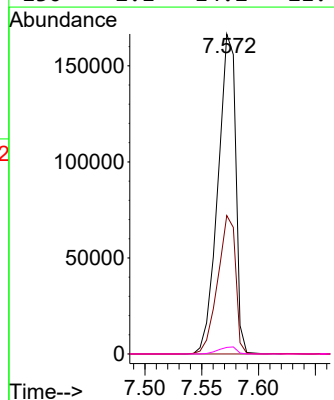
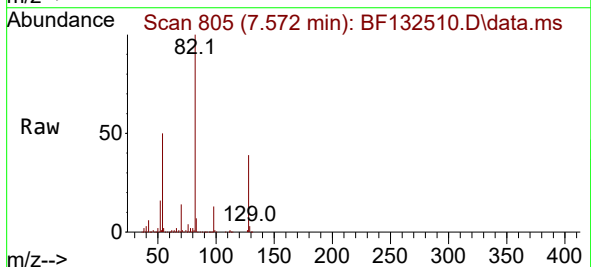
Instrument :
BNA_F
ClientSampleId :
PB151002BL

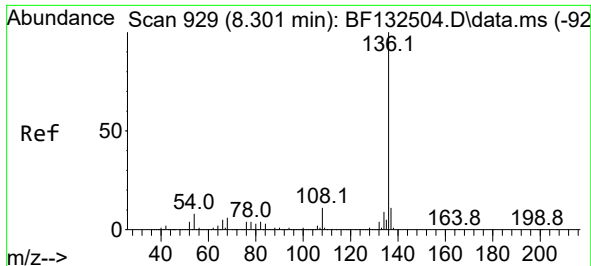
Tgt Ion: 99 Resp: 1967252
Ion Ratio Lower Upper
99 100
42 17.5 13.9 20.9
71 37.2 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.646 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion: 70 Resp: 181989
Ion Ratio Lower Upper
70 100
42 43.3 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

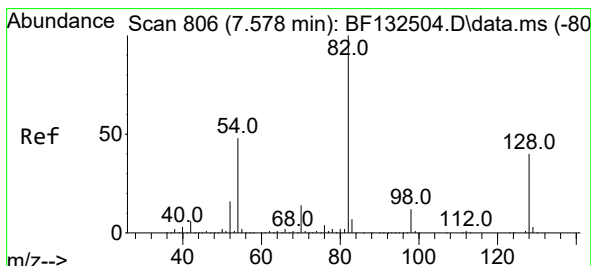
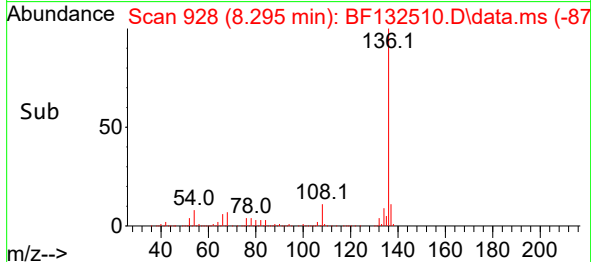
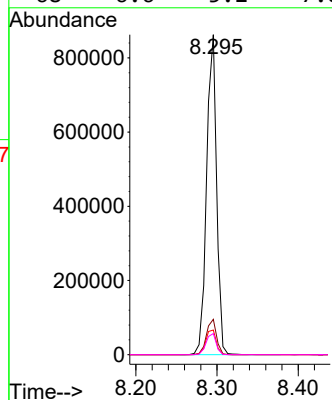
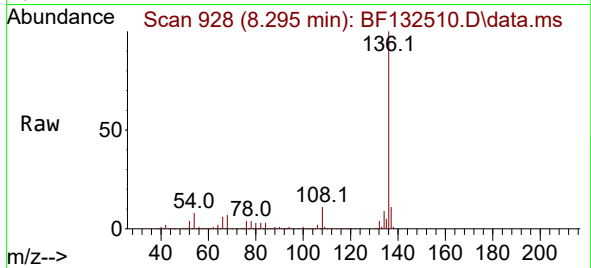




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

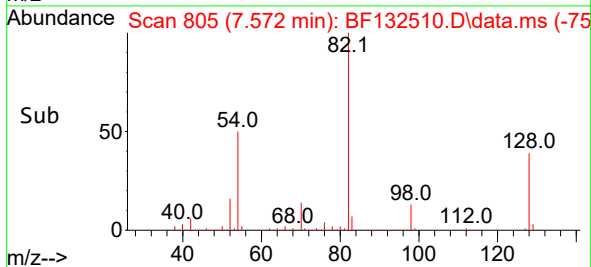
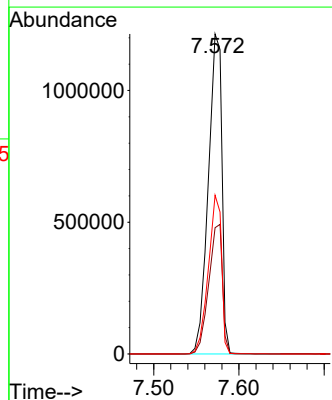
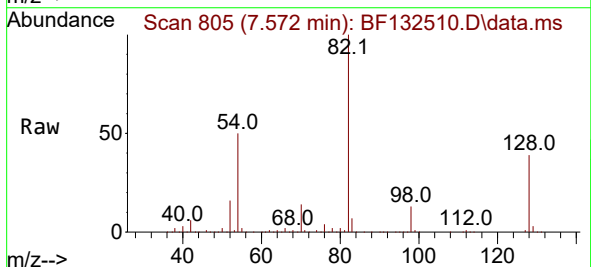
Instrument :
BNA_F
ClientSampleId :
PB151002BL

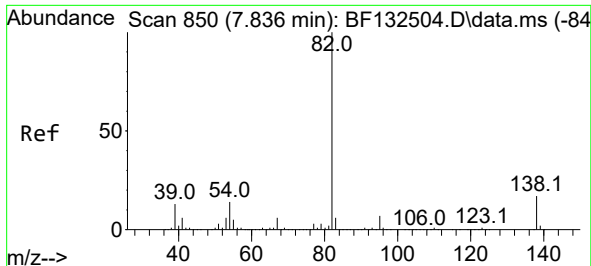
Tgt Ion:136 Resp: 734256
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.2 9.4
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.187 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion: 82 Resp: 1349318
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 49.6 38.4 57.6

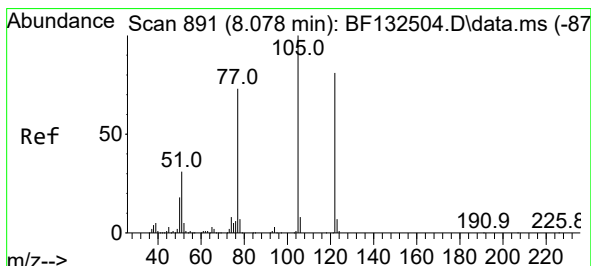
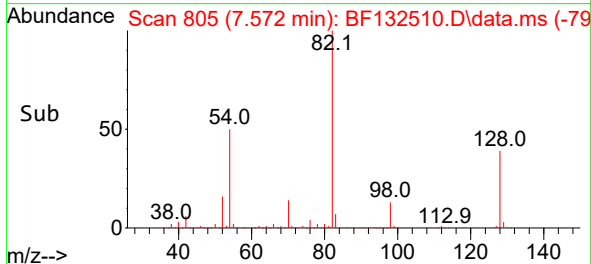
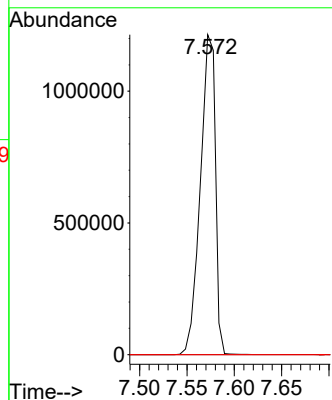
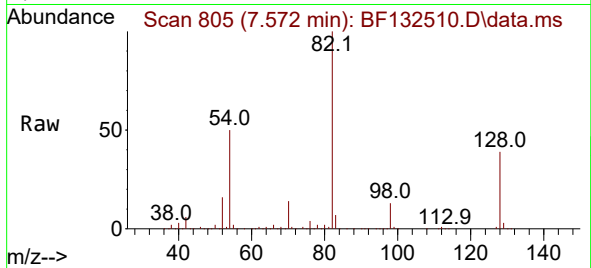




#25
Isophorone
Concen: 45.362 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

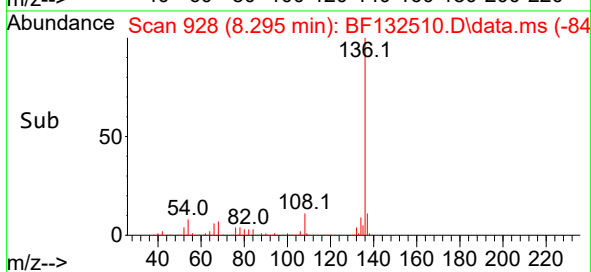
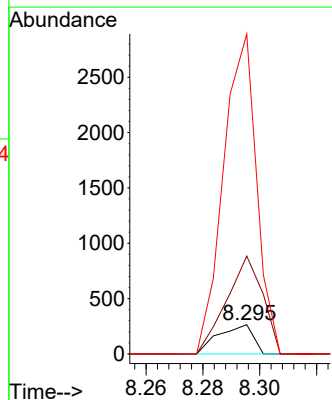
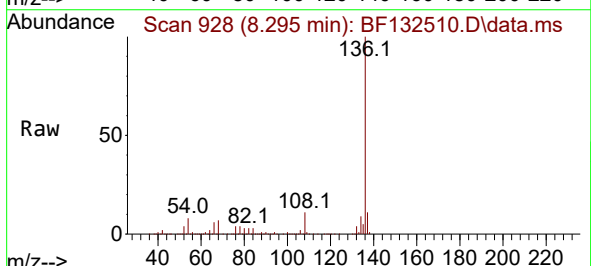
Instrument :
BNA_F
ClientSampleId :
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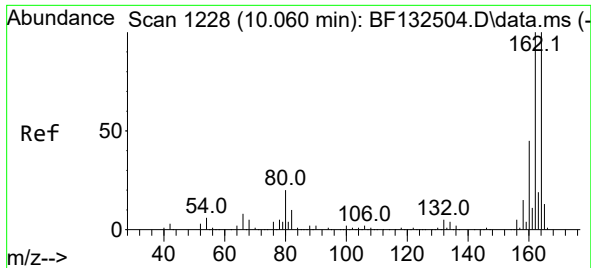
Tgt Ion: 82 Resp: 1345953
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.859 ng
RT: 8.295 min Scan# 928
Delta R.T. 0.217 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

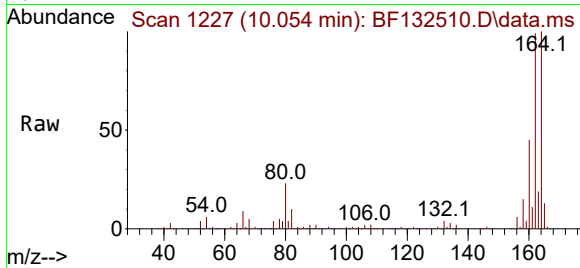
Tgt Ion:122 Resp: 223
Ion Ratio Lower Upper
122 100
105 335.2 102.6 142.6#
77 1095.1 70.2 110.2#



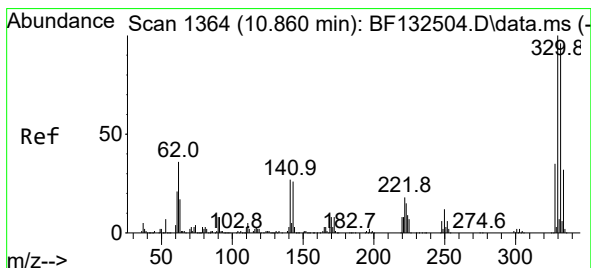
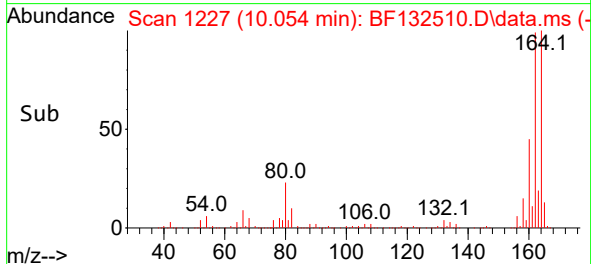
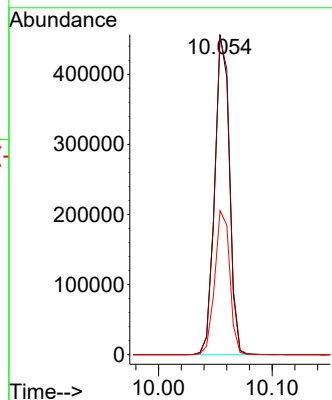


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Instrument :
BNA_F
ClientSampleId :
PB151002BL

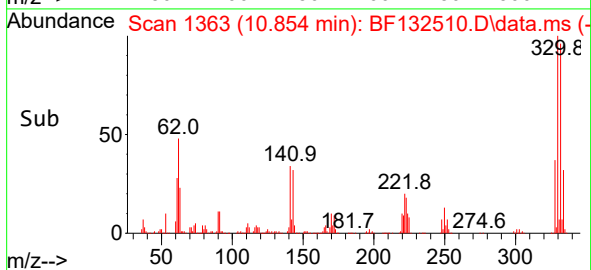
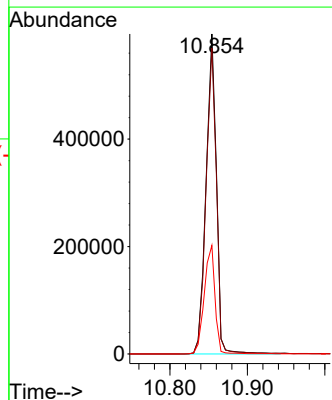
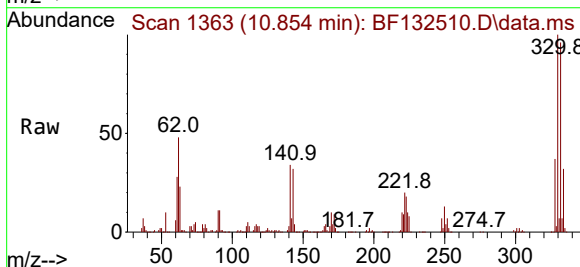


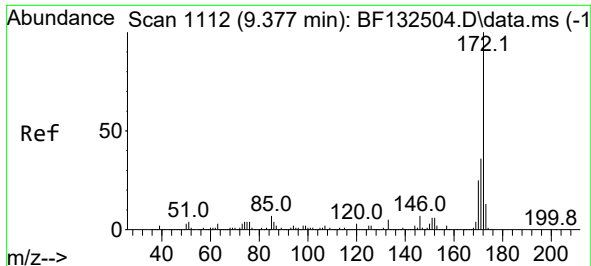
Tgt Ion:164 Resp: 409071
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 45.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 125.189 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion:330 Resp: 553059
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.5 28.4 42.6

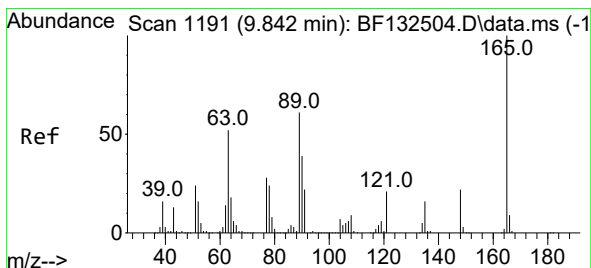
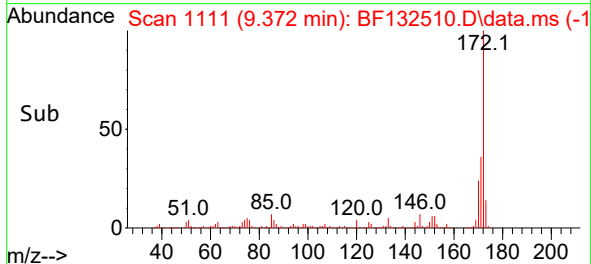
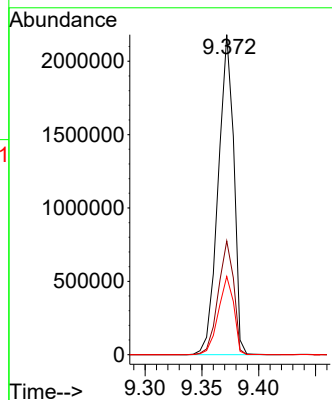
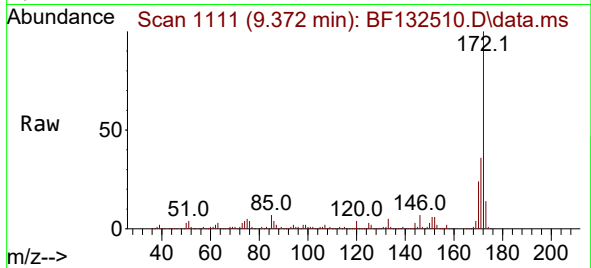




#45
2-Fluorobiphenyl
Concen: 77.710 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

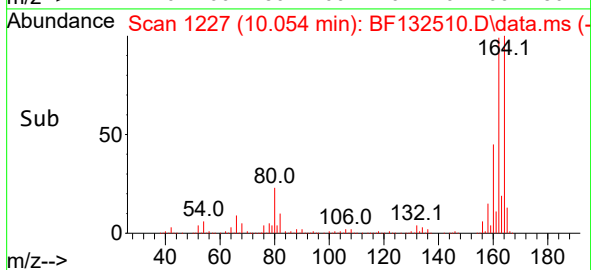
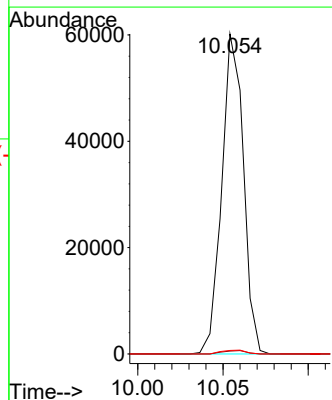
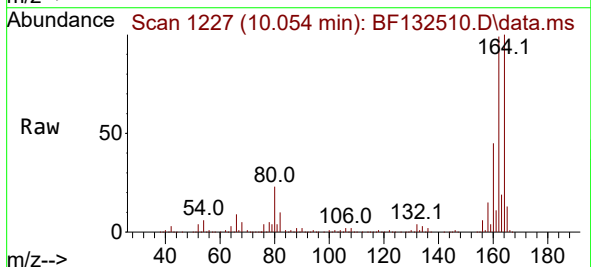
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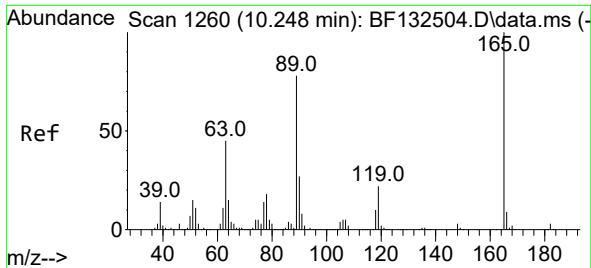
Tgt Ion:172 Resp: 2087710
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion:165 Resp: 53107
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.1 48.9 73.3#

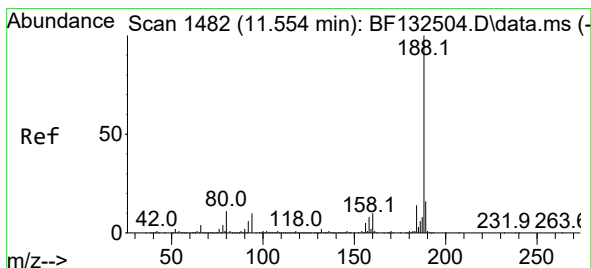
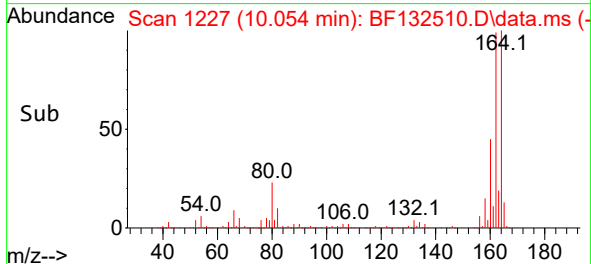
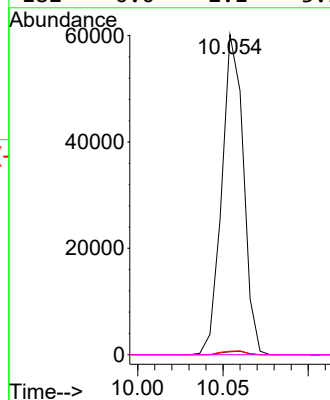
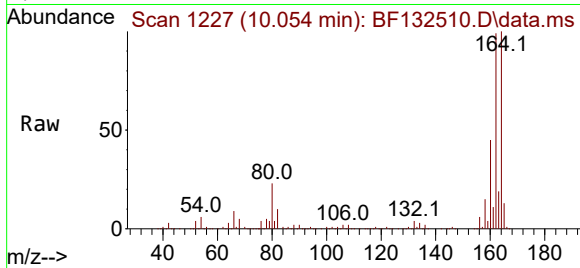




#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.194 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

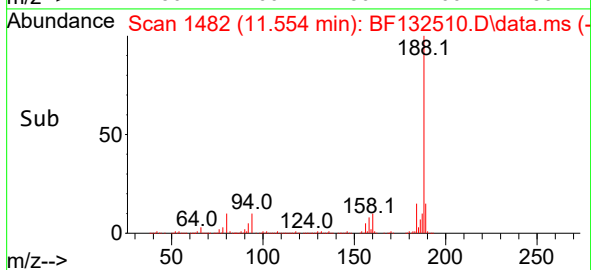
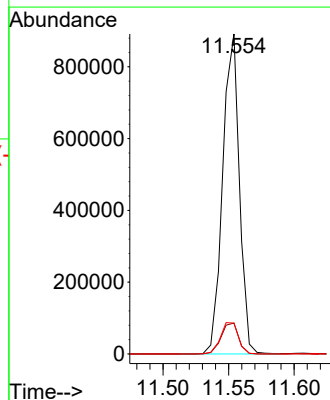
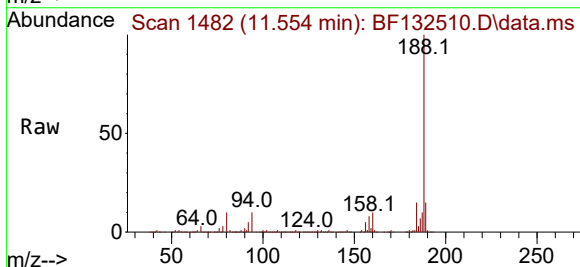
Instrument :
BNA_F
ClientSampleId :
PB151002BL

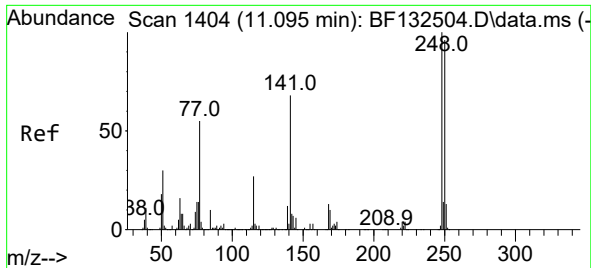
Tgt Ion:165 Resp: 53107
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion:188 Resp: 786222
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 9.6 8.7 13.1

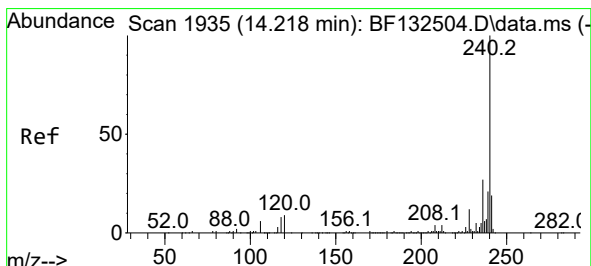
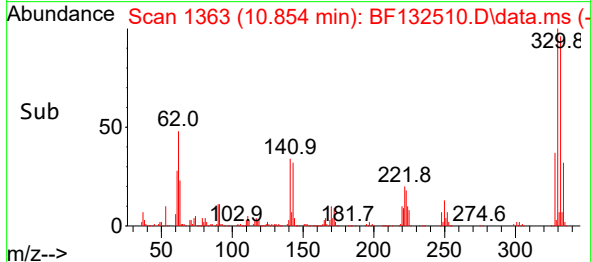
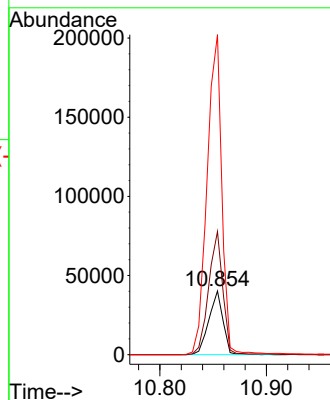
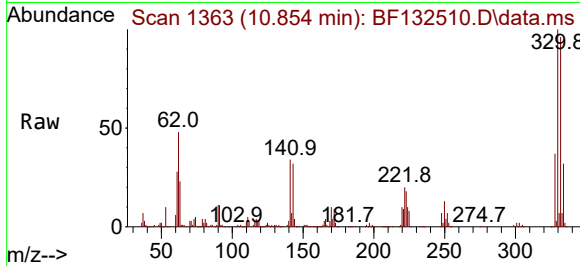




#67
4-Bromophenyl-phenylether
Concen: 4.192 ng
RT: 10.854 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

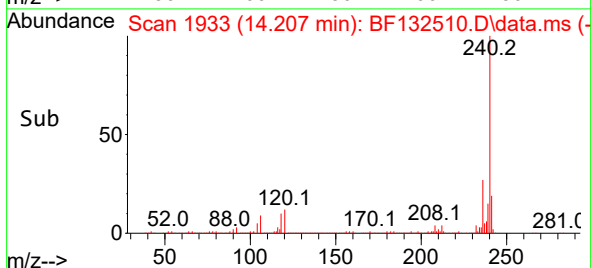
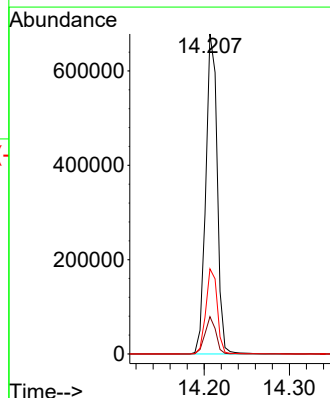
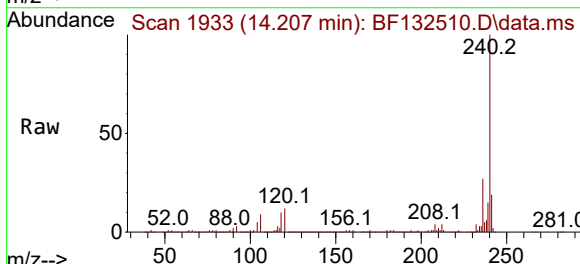
Instrument :
BNA_F
ClientSampleId :
PB151002BL

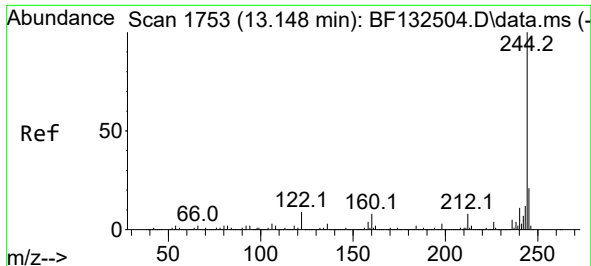
Tgt Ion:248 Resp: 37279
Ion Ratio Lower Upper
248 100
250 193.6 77.0 115.4#
141 502.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

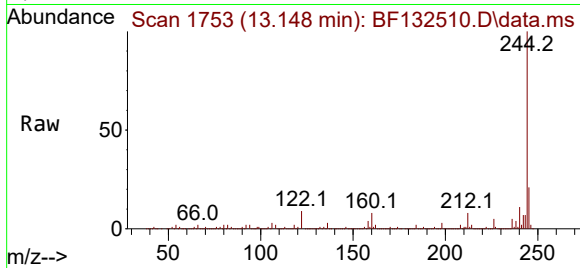
Tgt Ion:240 Resp: 631119
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.6 21.8 32.6



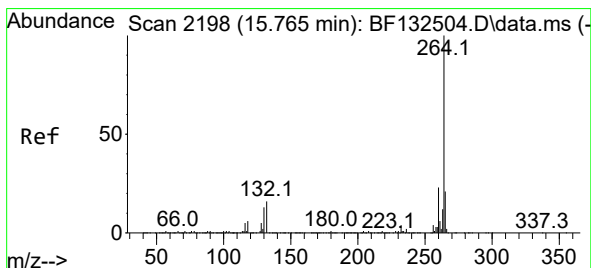
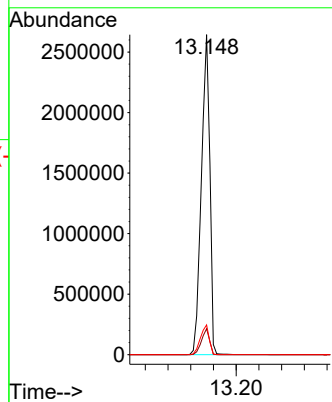
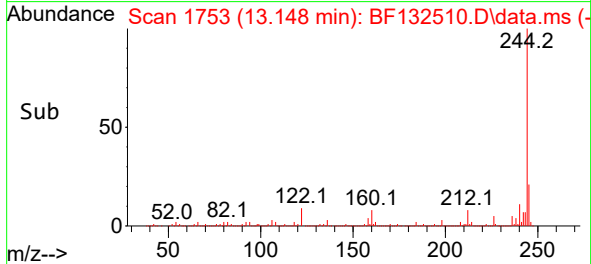


#79
 Terphenyl-d14
 Concen: 73.190 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL



Tgt Ion:244 Resp: 2732020
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.766 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Tgt Ion:264 Resp: 556384
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.5 17.1 25.7

