

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130995.D
 Acq On : 04 Nov 2022 17:28
 Operator : CG\JU
 Sample : PB148794TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148794TB

Quant Time: Nov 05 00:38:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

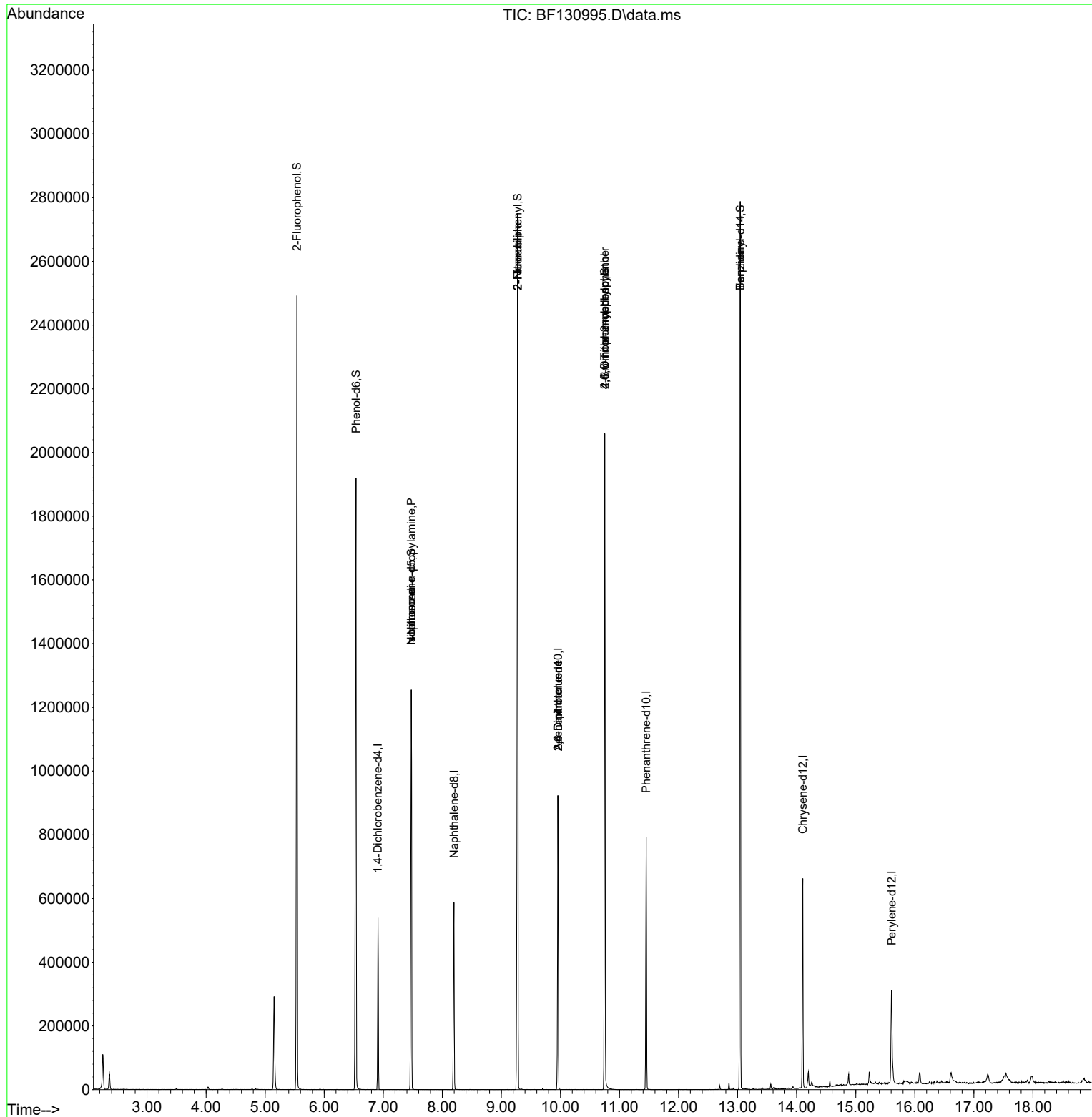
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	71015	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	261868	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	182687	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	266646	20.000	ng	0.00
76) Chrysene-d12	14.104	240	216354	20.000	ng	0.00
86) Perylene-d12	15.609	264	133798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	627649	153.221	ng	0.01
7) Phenol-d6	6.539	99	610975	114.776	ng	0.00
23) Nitrobenzene-d5	7.475	82	441747	101.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	227787	148.120	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	923275	76.408	ng	0.00
79) Terphenyl-d14	13.045	244	946372	80.155	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	62805	17.341	ng	# 76
25) Isophorone	7.475	82	441671	49.318	ng	# 66
48) 2-Nitroaniline	9.275	65	1720	4.615	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	22549	11.693	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	22549	10.649	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	677	8.435	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	14996	5.592	ng	# 1
77) Benzidine	13.045	184	15016	2.859	ng	# 93

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

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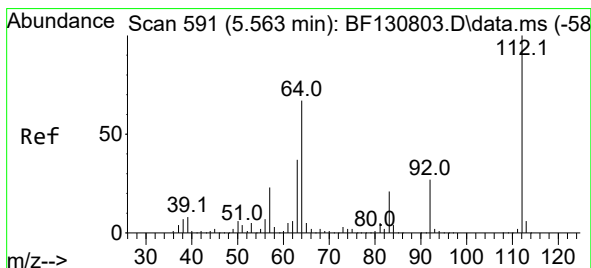
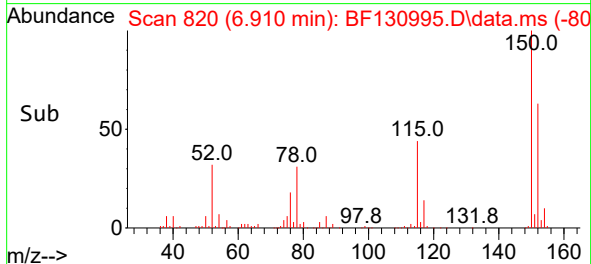
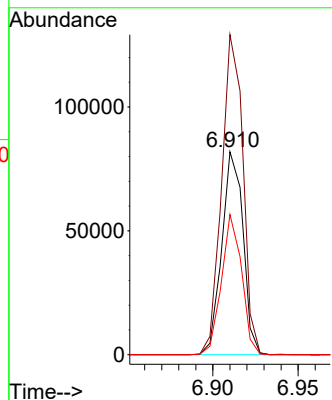
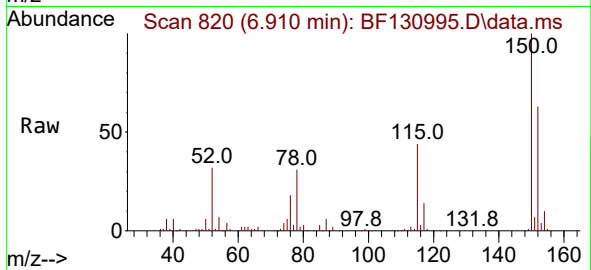




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

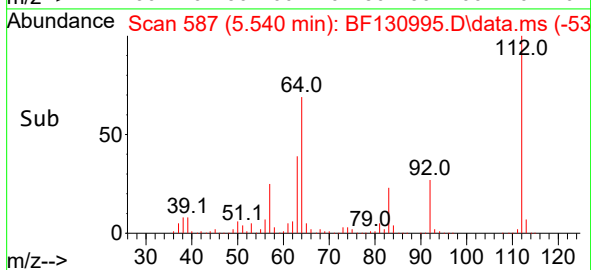
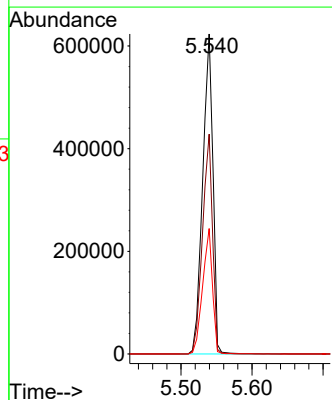
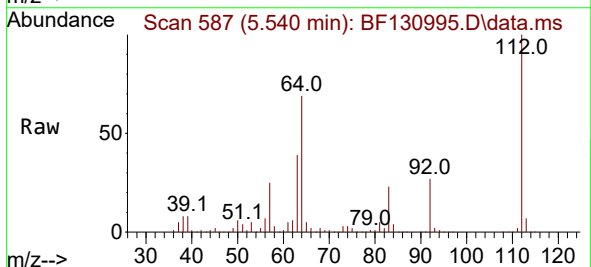
Instrument :
BNA_F
ClientSampleId :
PB148794TB

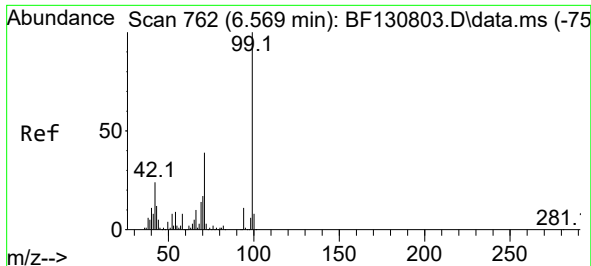
Tgt Ion:152 Resp: 71015
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 69.1 50.1 75.1



#5
2-Fluorophenol
Concen: 153.221 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion:112 Resp: 627649
Ion Ratio Lower Upper
112 100
64 68.7 53.9 80.9
63 39.2 29.4 44.2

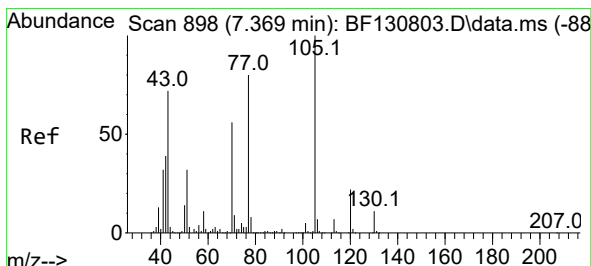
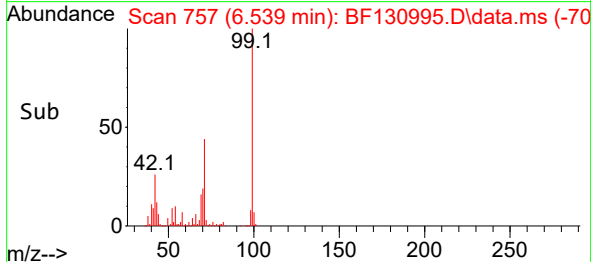
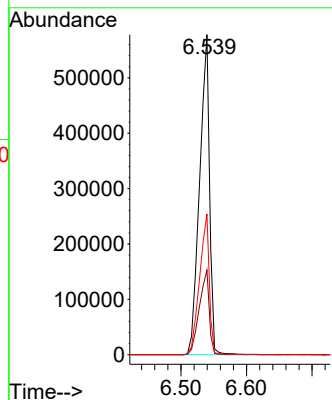
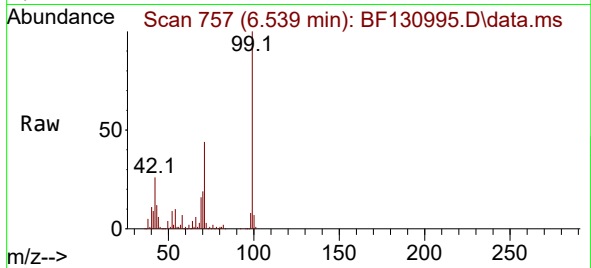




#7
Phenol-d6
Concen: 114.776 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

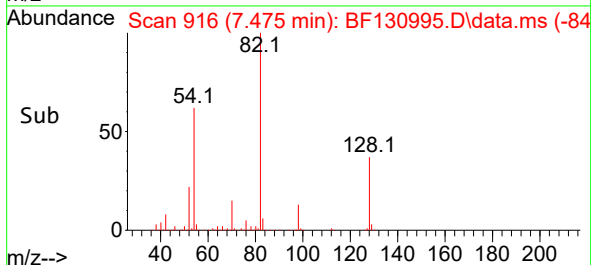
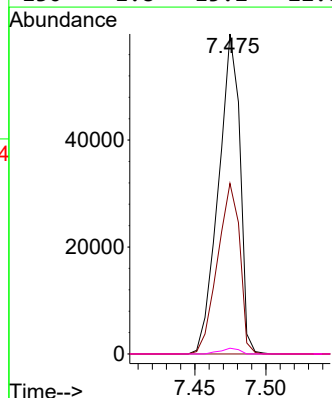
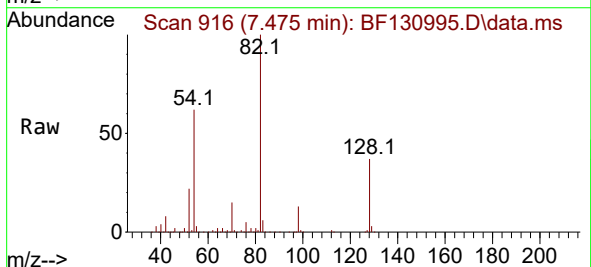
Instrument :
BNA_F
ClientSampleId :
PB148794TB

Tgt Ion: 99 Resp: 610975
Ion Ratio Lower Upper
99 100
42 26.4 18.8 28.2
71 44.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.341 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion: 70 Resp: 62805
Ion Ratio Lower Upper
70 100
42 53.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

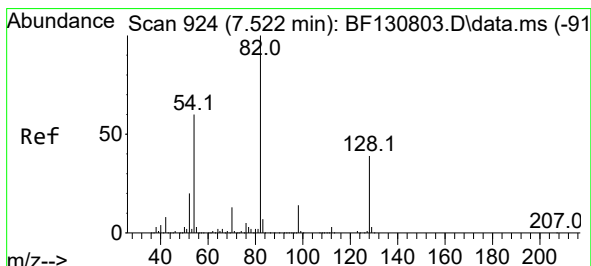
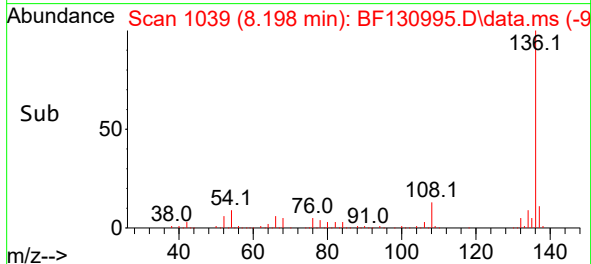
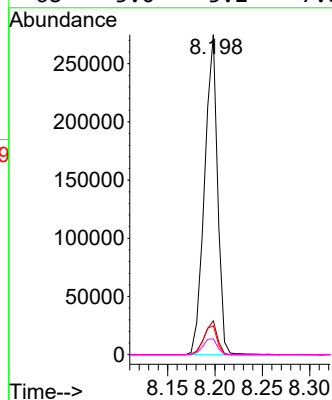
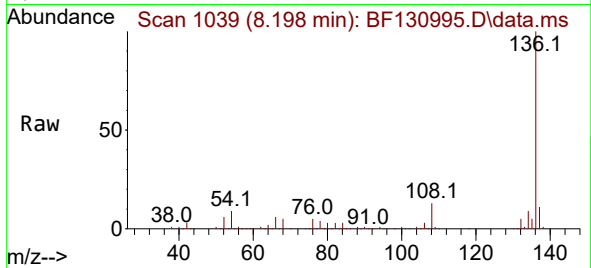




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

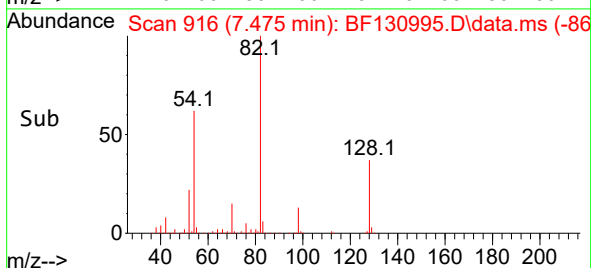
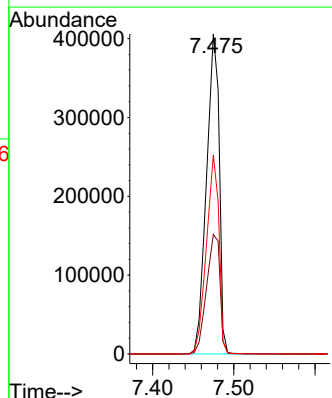
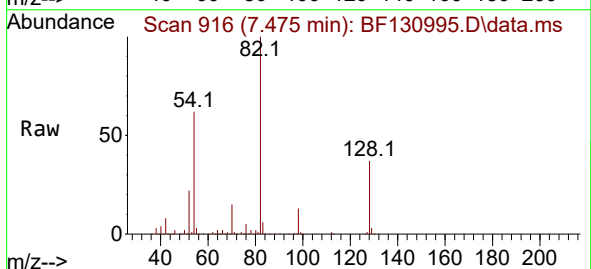
Instrument :
BNA_F
ClientSampleId :
PB148794TB

Tgt Ion:136 Resp: 261868
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.0 8.8 13.2
68 5.0 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 101.719 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion: 82 Resp: 441747
Ion Ratio Lower Upper
82 100
128 37.3 31.2 46.8
54 62.2 48.0 72.0

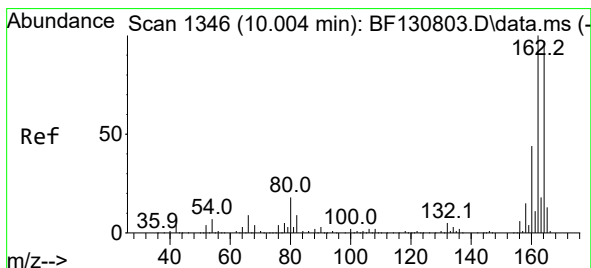
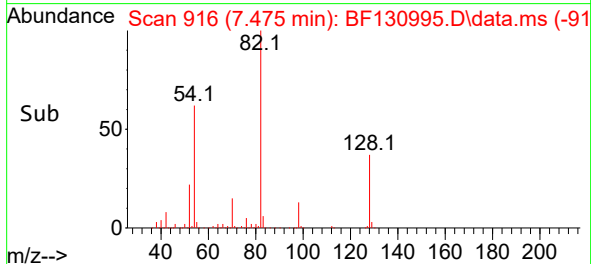
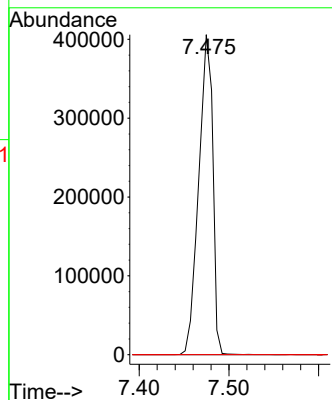
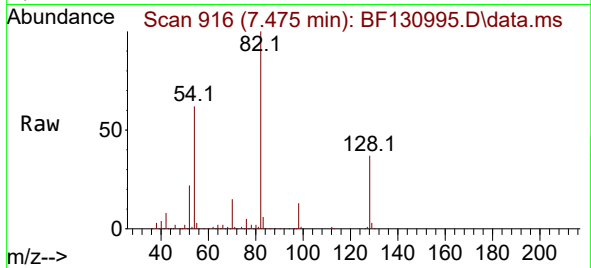




#25
Isophorone
Concen: 49.318 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

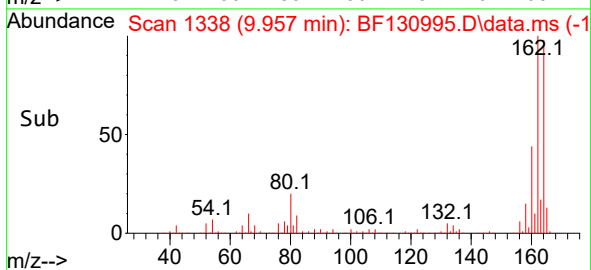
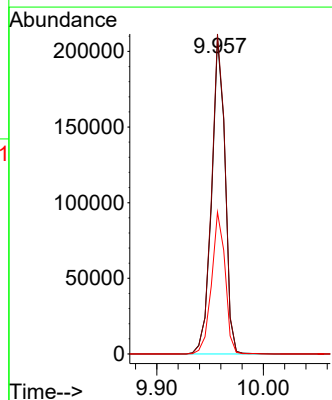
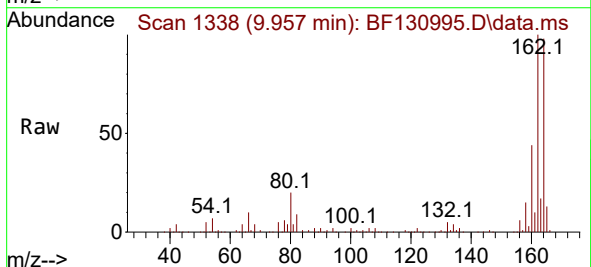
Instrument :
BNA_F
ClientSampleId :
PB148794TB

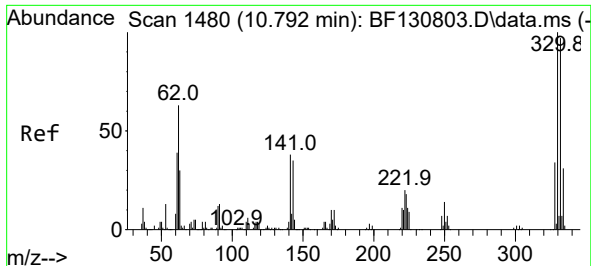
Tgt Ion: 82 Resp: 441671
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion: 164 Resp: 182687
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 148.120 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130995.D

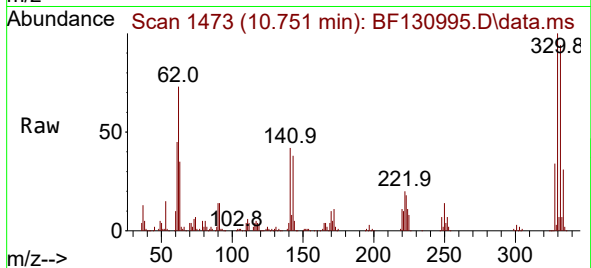
Acq: 04 Nov 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB148794TB



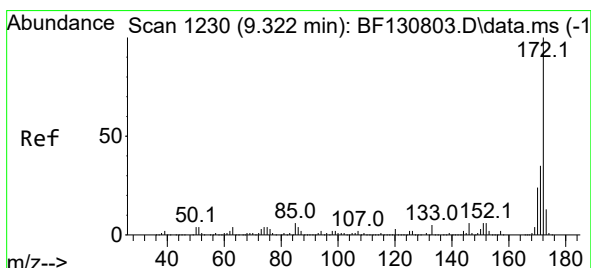
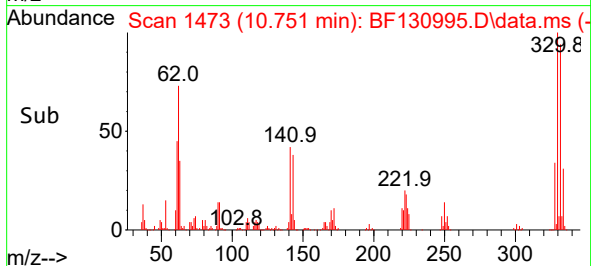
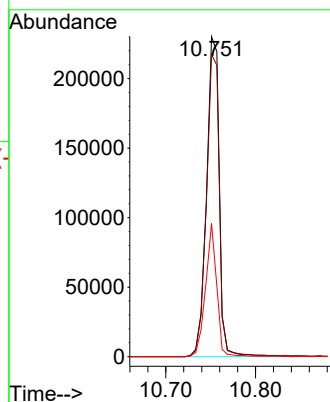
Tgt Ion:330 Resp: 227787

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 36.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 76.408 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF130995.D

Acq: 04 Nov 2022 17:28

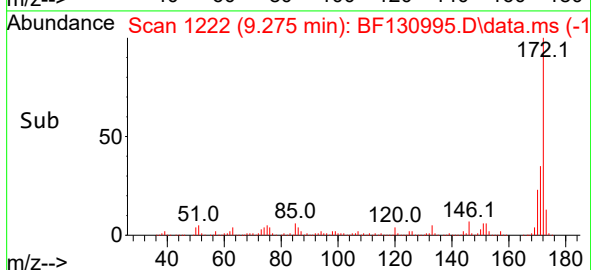
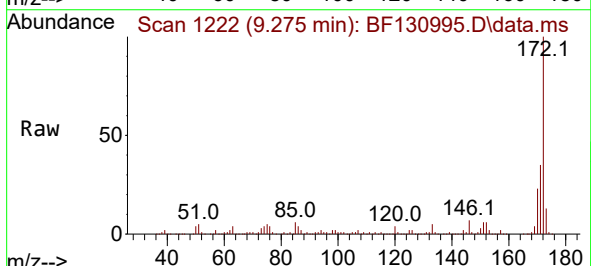
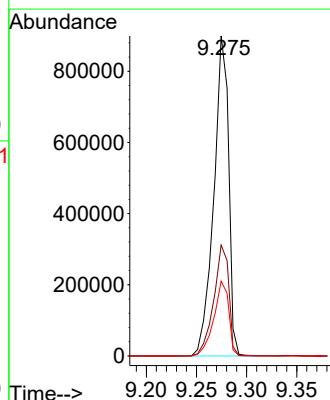
Tgt Ion:172 Resp: 923275

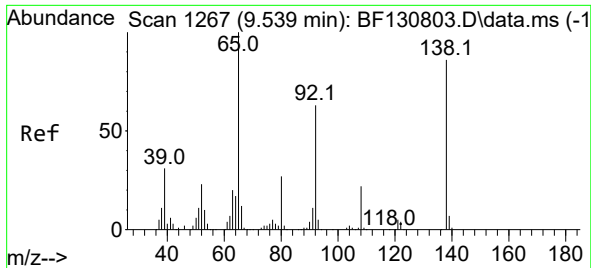
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.4 19.0 28.4

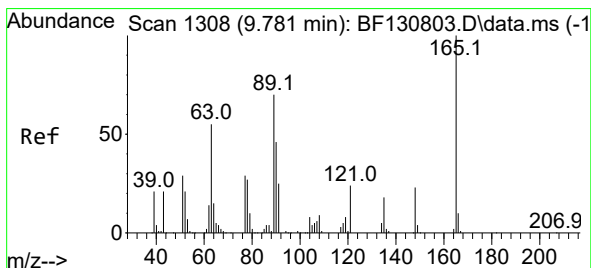
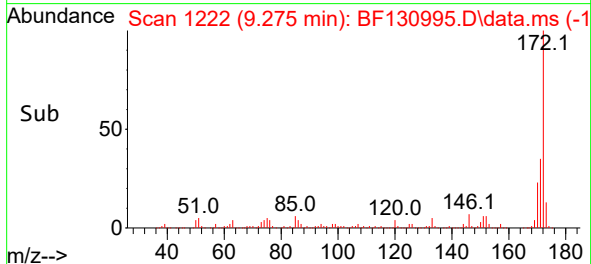
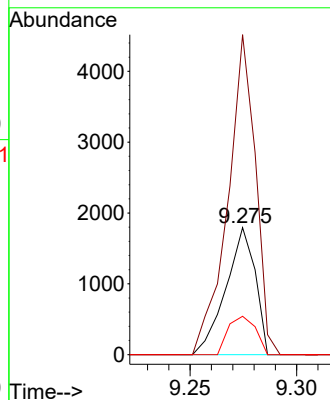
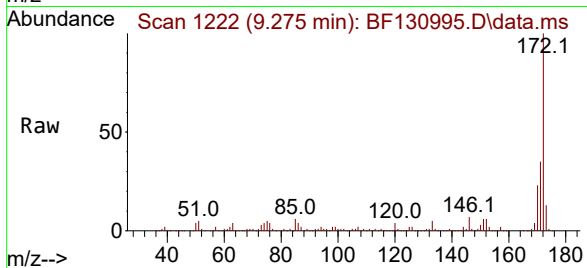




#48
 2-Nitroaniline
 Concen: 4.615 ng
 RT: 9.275 min Scan# 11
 Delta R.T. -0.230 min
 Lab File: BF130995.D
 Acq: 04 Nov 2022 17:28

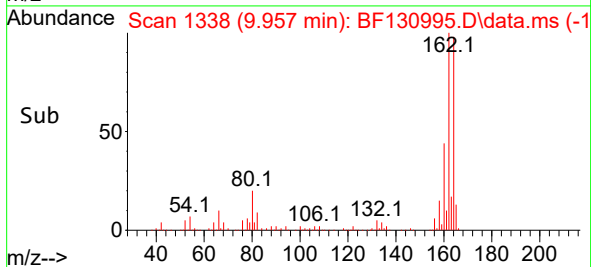
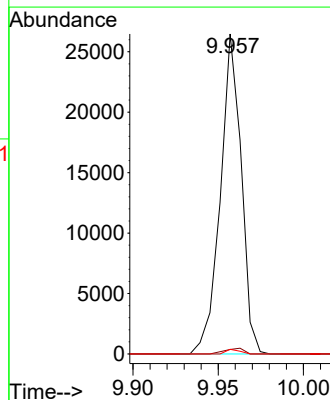
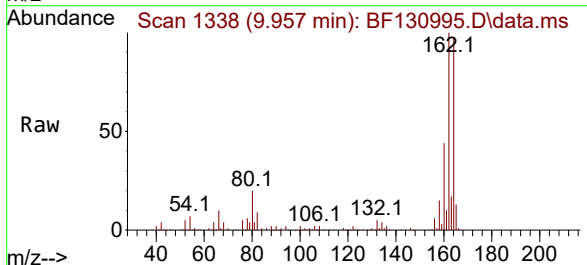
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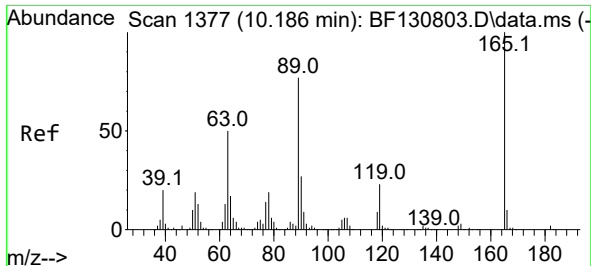
Tgt Ion: 65 Resp: 1720
 Ion Ratio Lower Upper
 65 100
 92 252.0 50.1 75.1#
 138 30.2 69.2 103.8#



#51
 2,6-Dinitrotoluene
 Concen: 11.693 ng
 RT: 9.957 min Scan# 1338
 Delta R.T. 0.212 min
 Lab File: BF130995.D
 Acq: 04 Nov 2022 17:28

Tgt Ion: 165 Resp: 22549
 Ion Ratio Lower Upper
 165 100
 63 1.4 61.8 92.8#
 89 1.4 56.2 84.4#

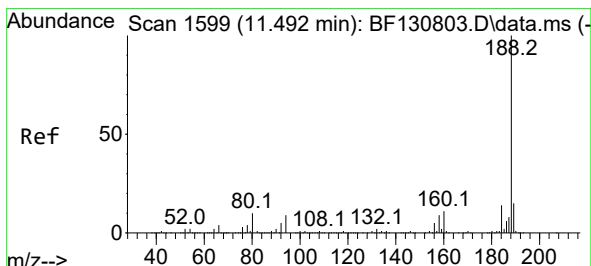
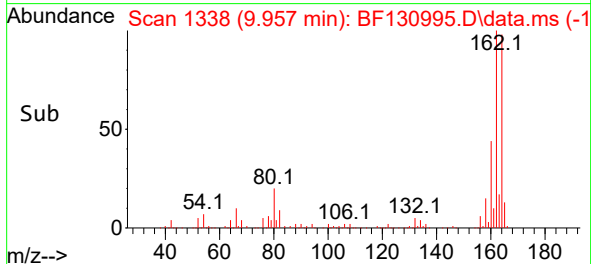
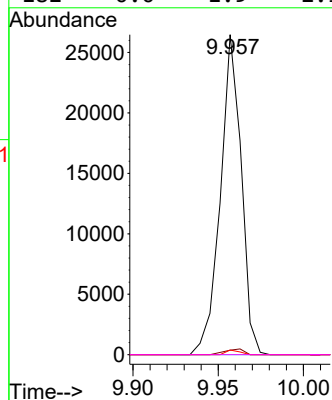
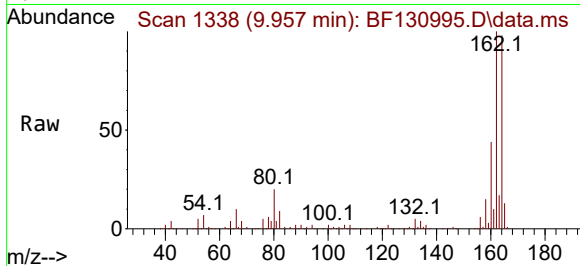




#57
2,4-Dinitrotoluene
Concen: 10.649 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

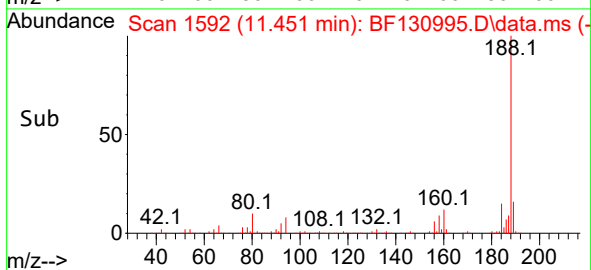
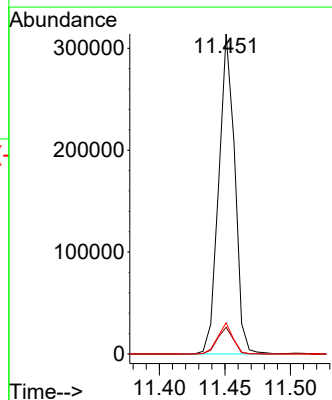
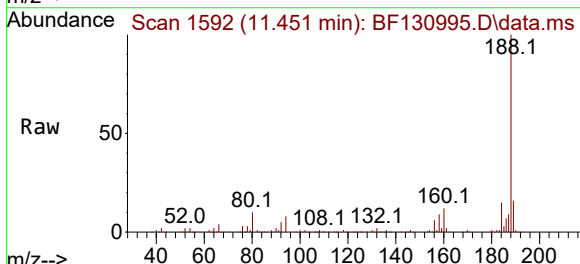
Instrument :
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PB148794TB

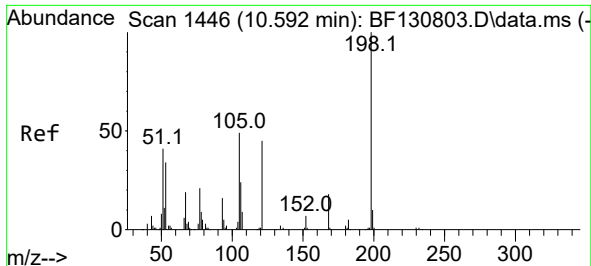
Tgt Ion:165 Resp: 22549
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion:188 Resp: 266646
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.8 8.0 12.0

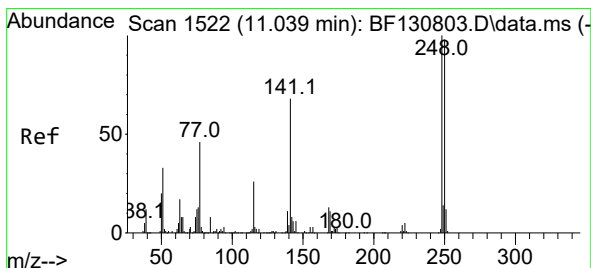
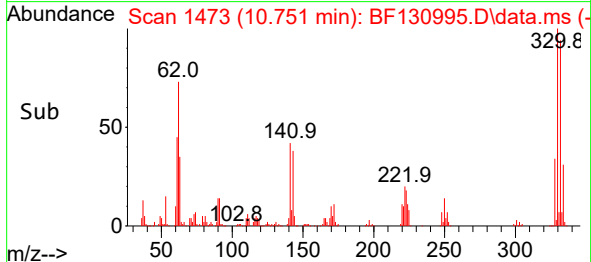
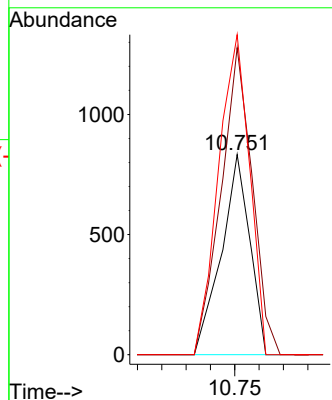
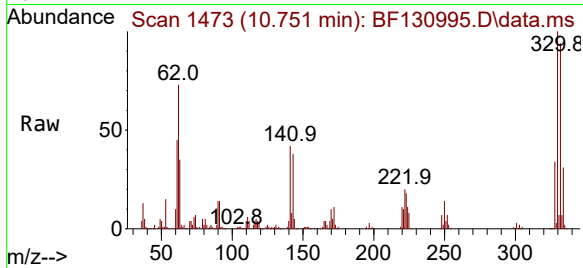




#65
4,6-Dinitro-2-methylphenol
Concen: 8.435 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

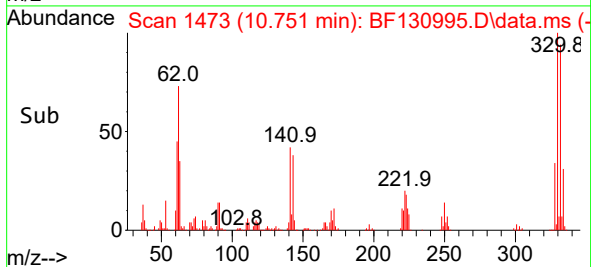
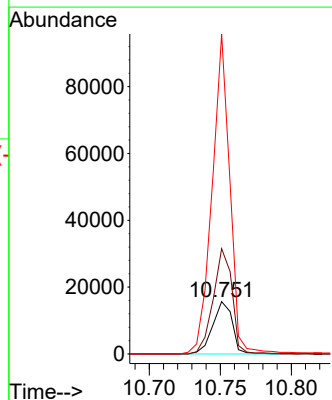
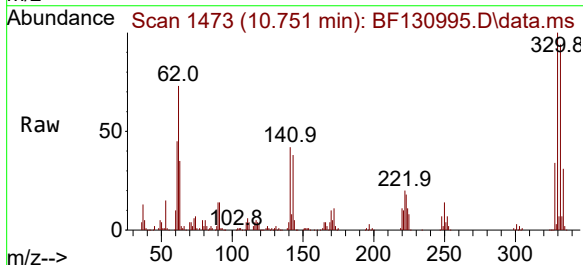
Instrument :
BNA_F
ClientSampleId :
PB148794TB

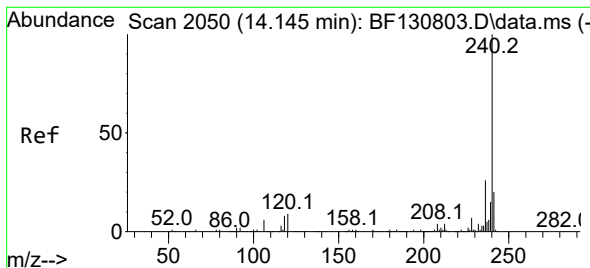
Tgt Ion:198 Resp: 677
Ion Ratio Lower Upper
198 100
51 153.4 39.0 79.0#
105 159.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.592 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF130995.D
Acq: 04 Nov 2022 17:28

Tgt Ion:248 Resp: 14996
Ion Ratio Lower Upper
248 100
250 201.4 78.6 117.8#
141 612.4 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BF130995.D

Acq: 04 Nov 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PB148794TB

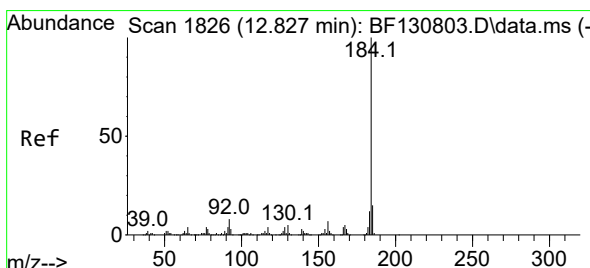
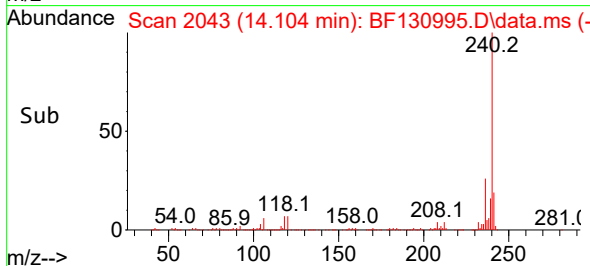
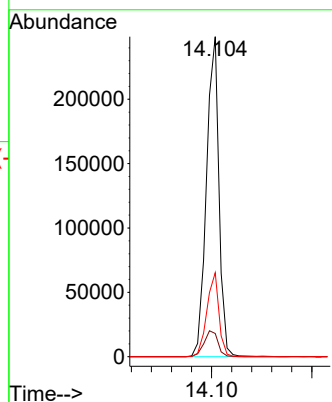
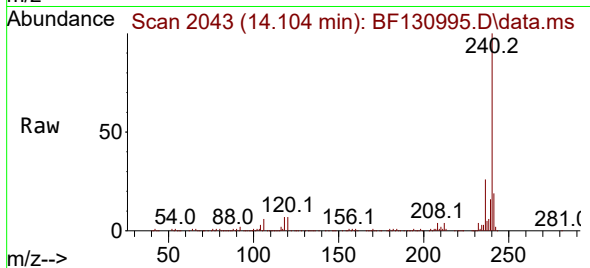
Tgt Ion:240 Resp: 216354

Ion Ratio Lower Upper

240 100

120 7.2 7.0 10.4

236 26.2 20.5 30.7



#77

Benzidine

Concen: 2.859 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.253 min

Lab File: BF130995.D

Acq: 04 Nov 2022 17:28

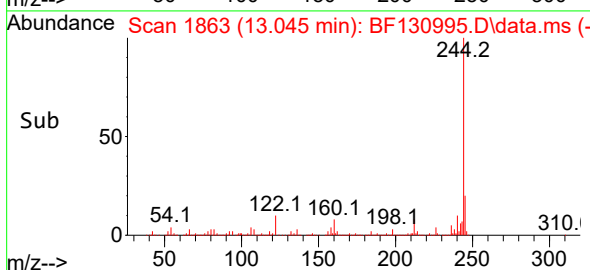
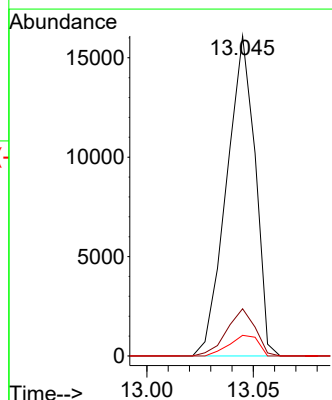
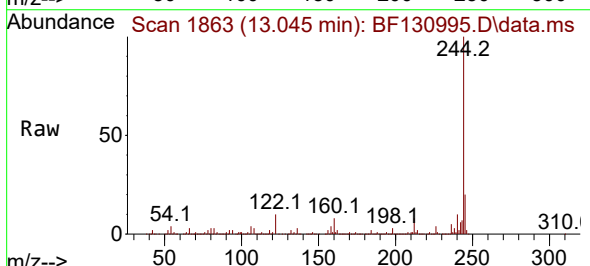
Tgt Ion:184 Resp: 15016

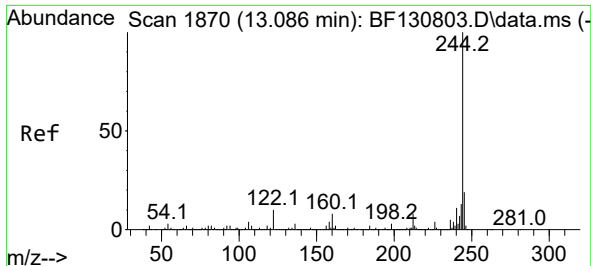
Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

183 6.4 9.7 14.5#

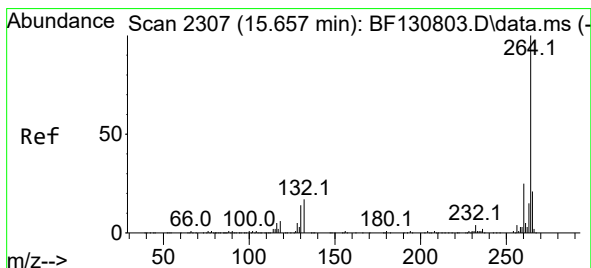
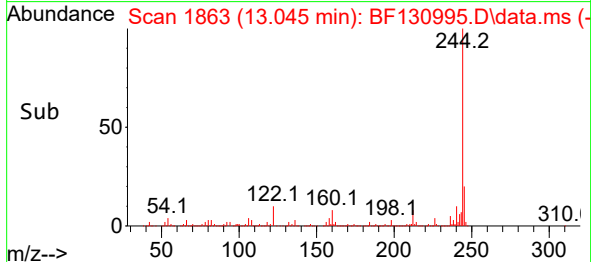
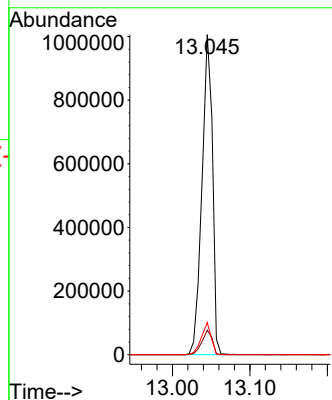
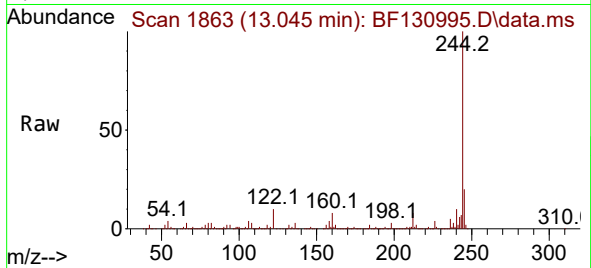




#79
 Terphenyl-d14
 Concen: 80.155 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130995.D
 Acq: 04 Nov 2022 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB148794TB

Tgt Ion:244 Resp: 946372
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: BF130995.D
 Acq: 04 Nov 2022 17:28

Tgt Ion:264 Resp: 133798
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.9 29.9
 265 21.0 17.0 25.6

