

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134702.D
 Acq On : 10 Aug 2023 10:35
 Operator : CG\JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

Quant Time: Aug 11 03:51:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

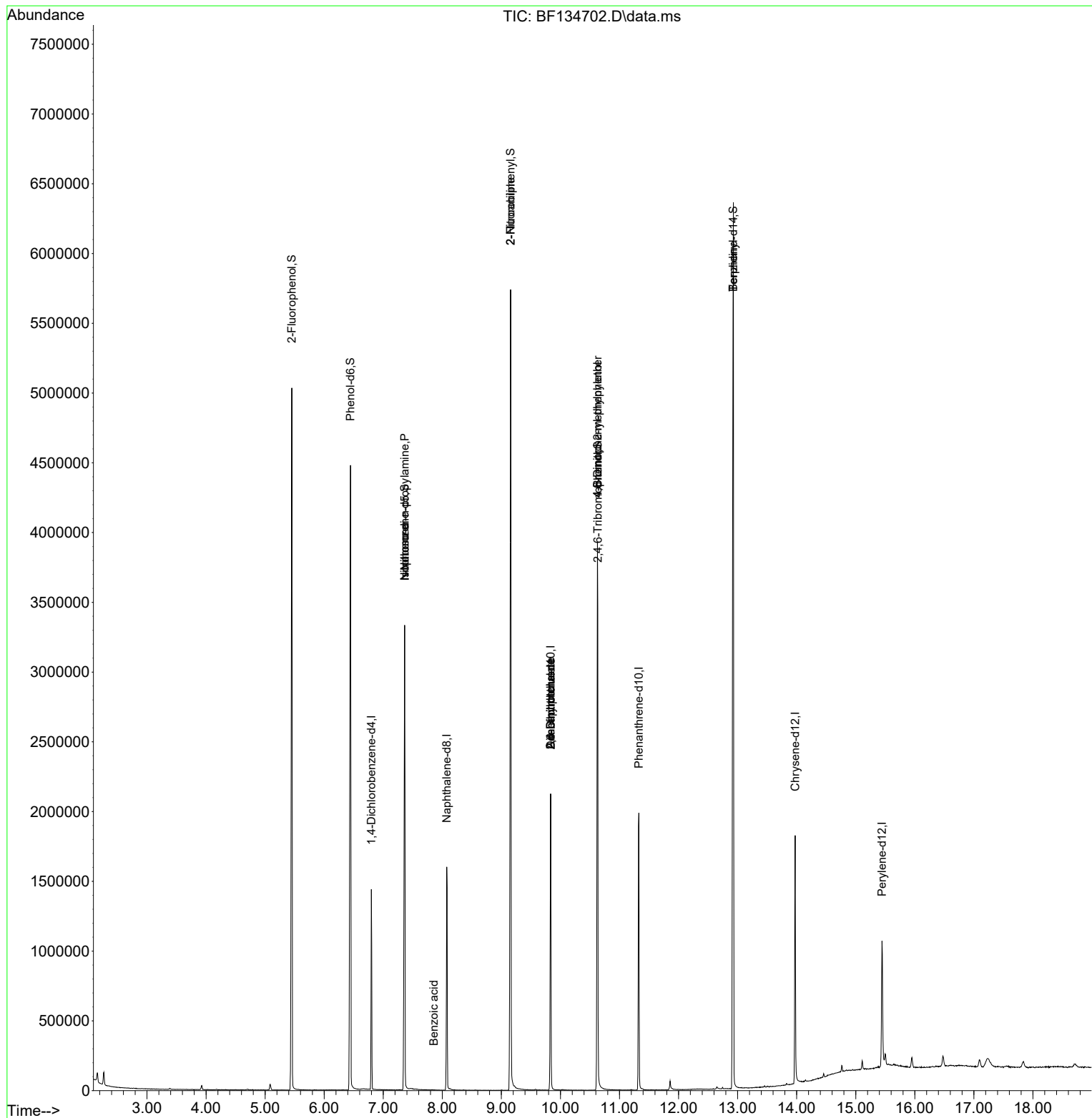
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	199366	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	795279	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	414612	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	806378	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	612479	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	489306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1549355	118.133	ng	0.02
7) Phenol-d6	6.445	99	1930177	115.129	ng	0.00
23) Nitrobenzene-d5	7.363	82	1250150	98.236	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	627411	148.444	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2224009	89.188	ng	0.00
79) Terphenyl-d14	12.927	244	2785435	80.172	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	2634	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	168242	16.761	ng	# 73
25) Isophorone	7.363	82	1231472	44.367	ng	# 65
32) Benzoic acid	7.857	122	69	7.874	ng	# 1
48) 2-Nitroaniline	9.157	65	3768	3.633	ng	# 1
50) Dimethylphthalate	9.833	163	85167	3.014	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	54330	11.391	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	54330	10.158	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	1322	9.031	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	39026	4.421	ng	# 1
77) Benzidine	12.927	184	33556	2.524	ng	# 95

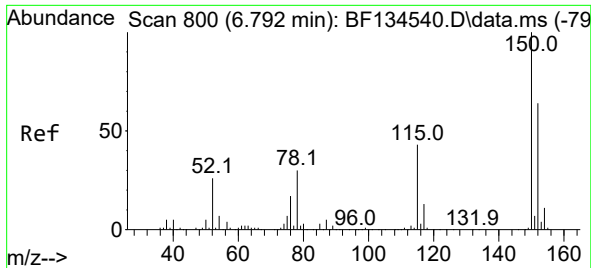
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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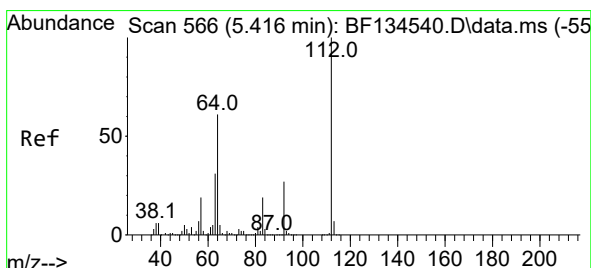
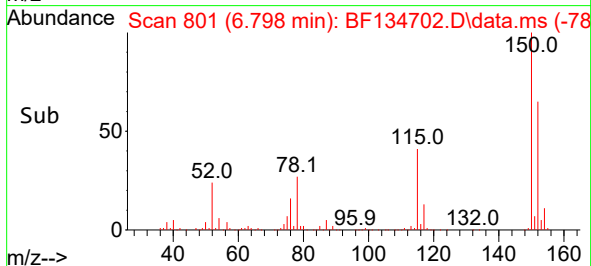
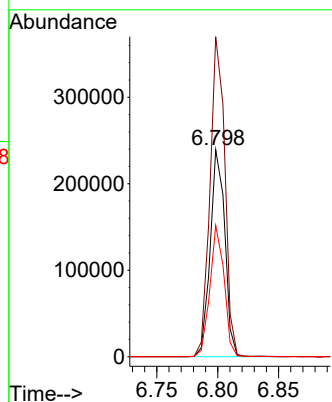
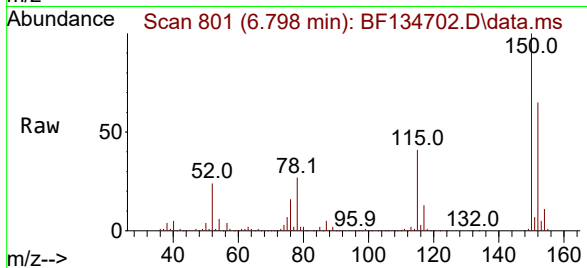




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

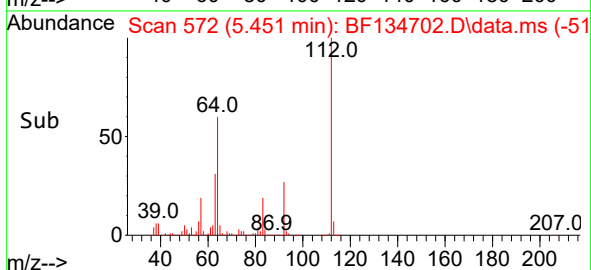
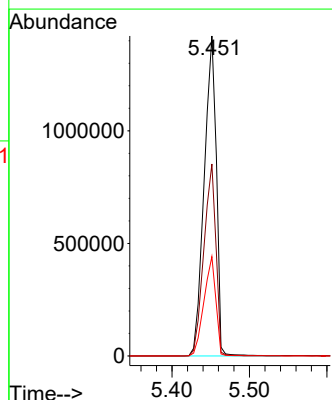
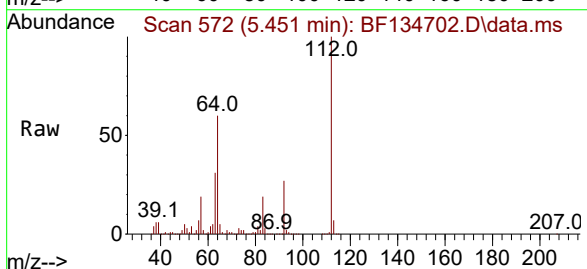
Instrument :
BNA_F
ClientSampleId :
PB154564BL

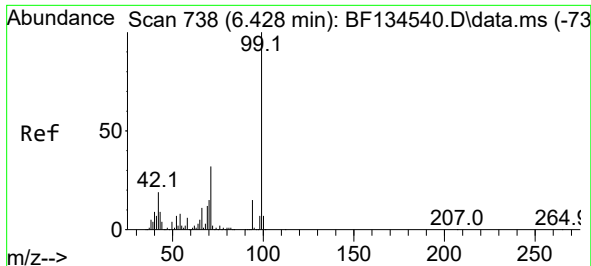
Tgt Ion:152 Resp: 199366
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 63.4 52.4 78.6



#5
2-Fluorophenol
Concen: 118.133 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:112 Resp: 1549355
Ion Ratio Lower Upper
112 100
64 60.0 44.9 67.3
63 31.0 25.4 38.0

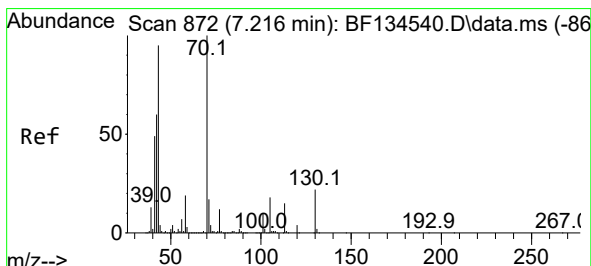
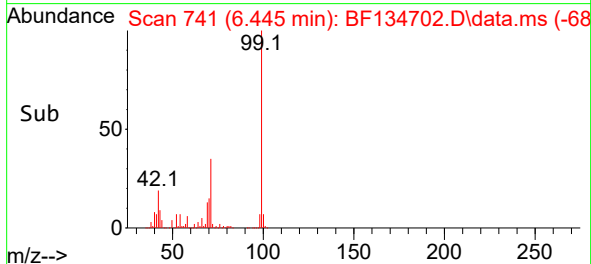
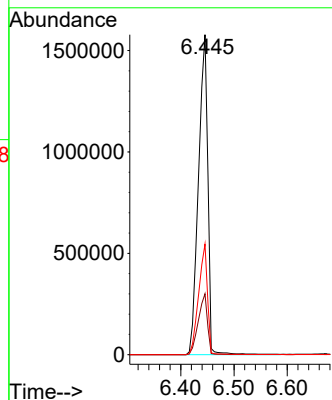
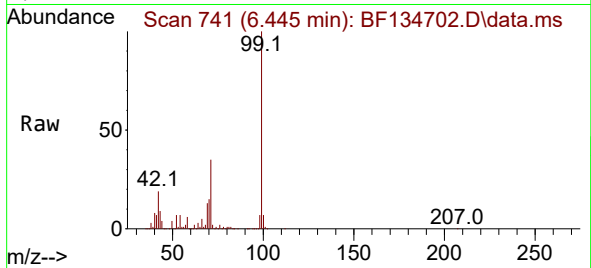




#7
Phenol-d6
Concen: 115.129 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

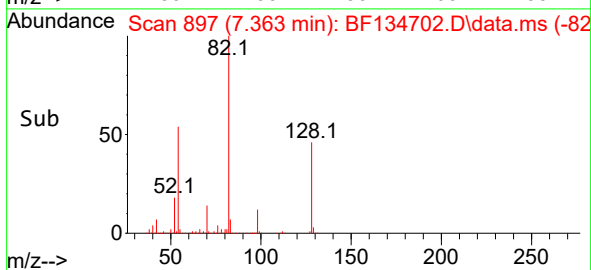
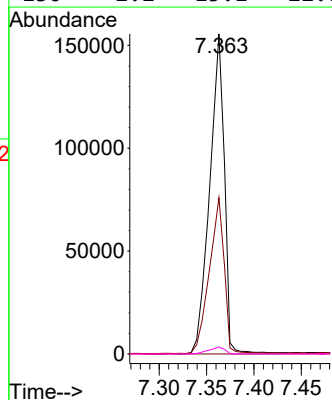
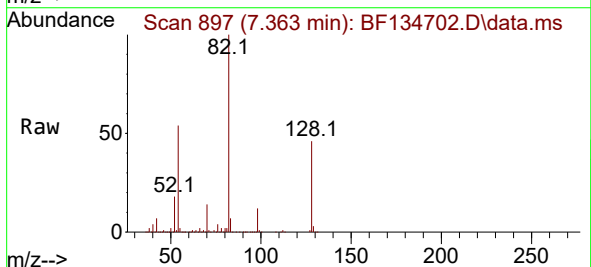
Instrument :
BNA_F
ClientSampleId :
PB154564BL

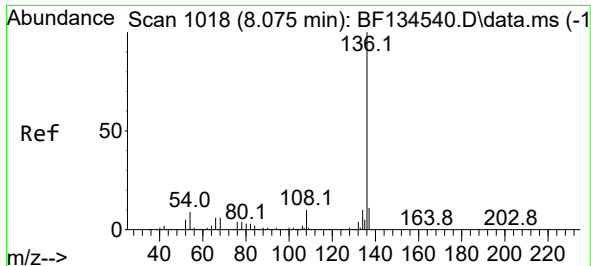
Tgt Ion: 99 Resp: 1930177
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.761 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion: 70 Resp: 168242
Ion Ratio Lower Upper
70 100
42 48.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

Tgt Ion:136 Resp: 795279

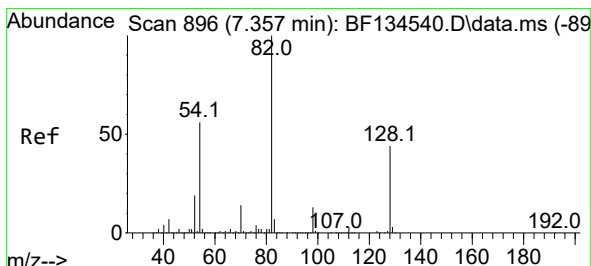
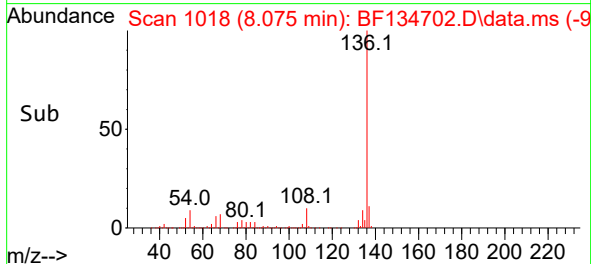
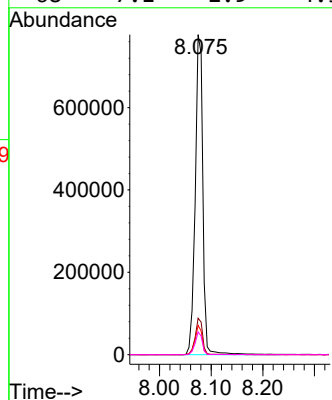
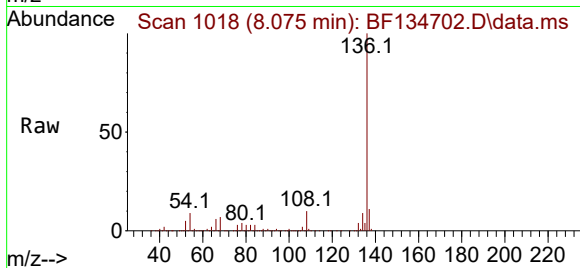
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.2 5.2 7.8#

68 7.1 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 98.236 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

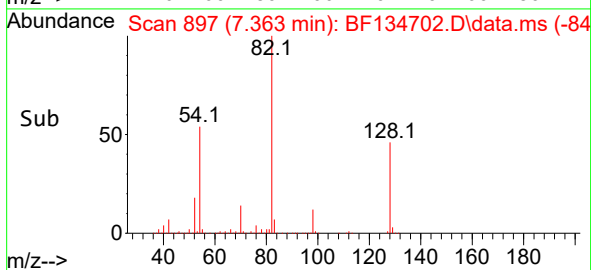
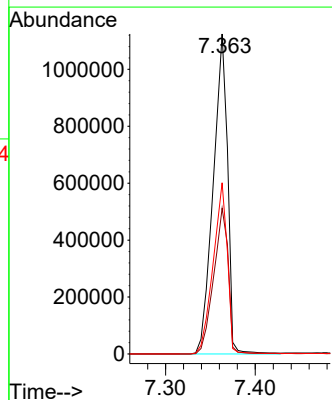
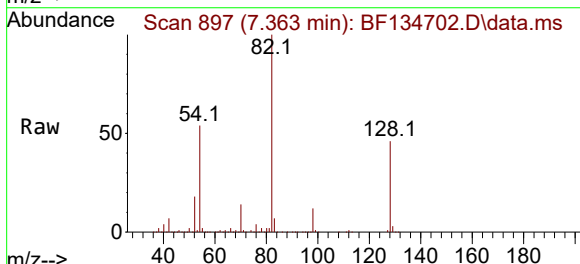
Tgt Ion: 82 Resp: 1250150

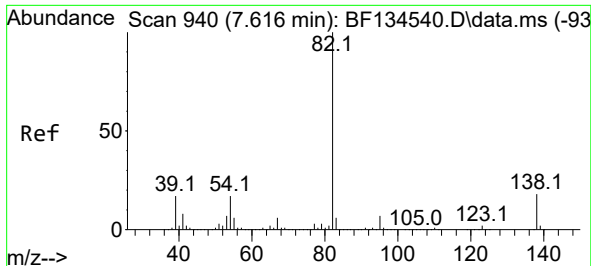
Ion Ratio Lower Upper

82 100

128 45.5 34.3 51.5

54 53.5 43.8 65.6

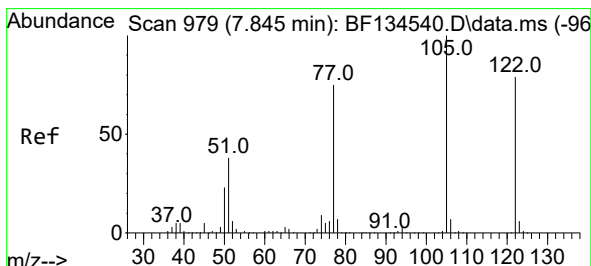
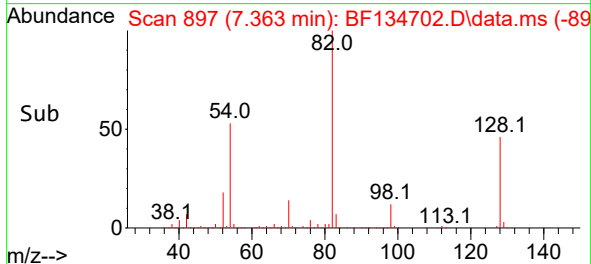
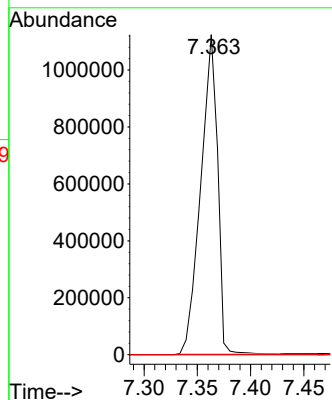
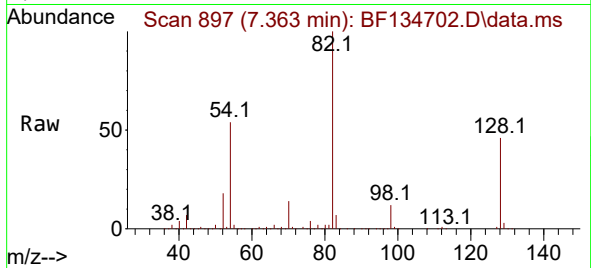




#25
Isophorone
Concen: 44.367 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

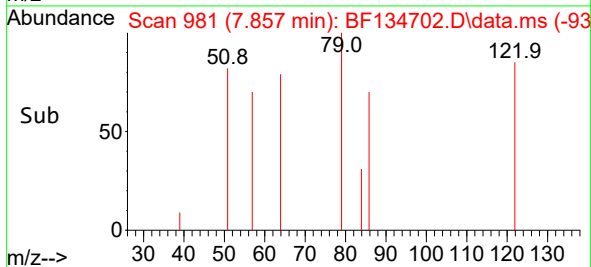
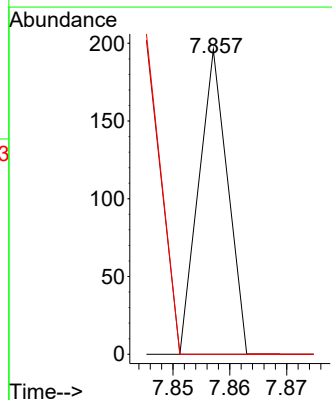
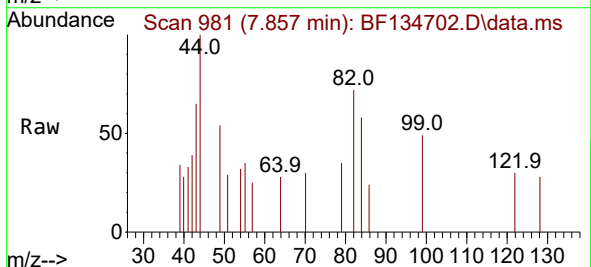
Instrument :
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PB154564BL

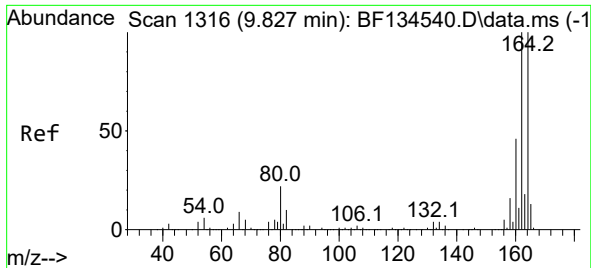
Tgt Ion: 82 Resp: 1231472
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion: 122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#

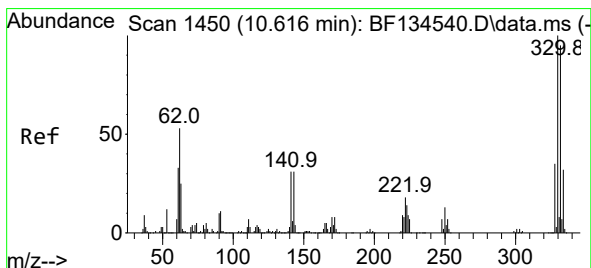
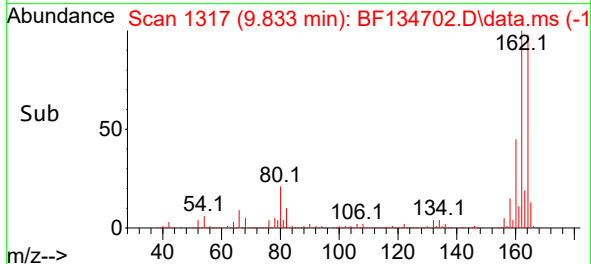
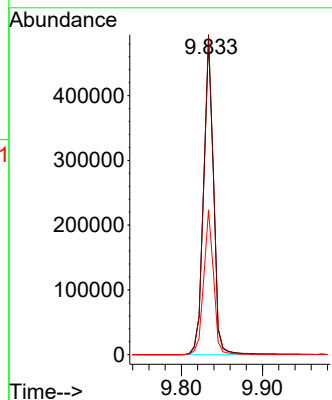
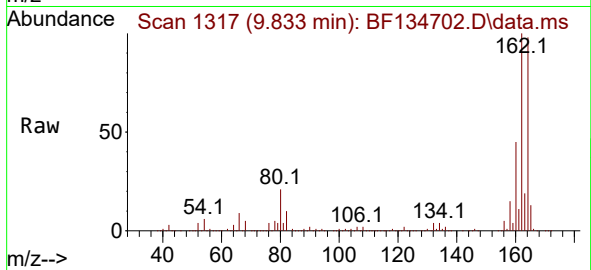




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

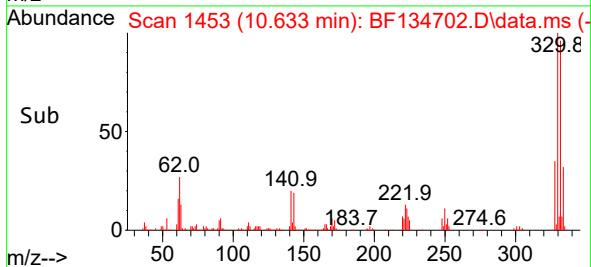
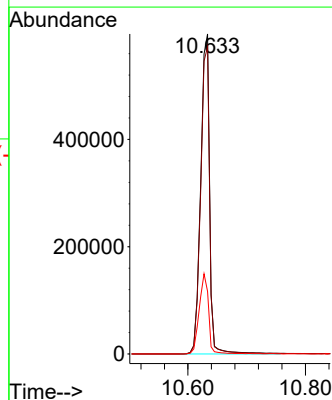
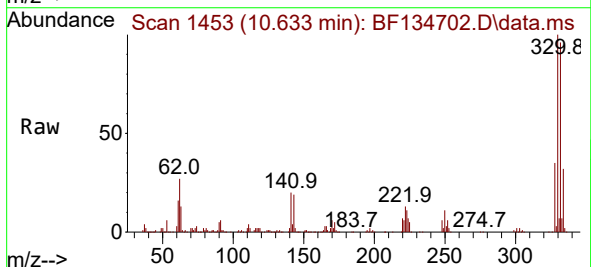
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BNA_F
ClientSampleId :
PB154564BL

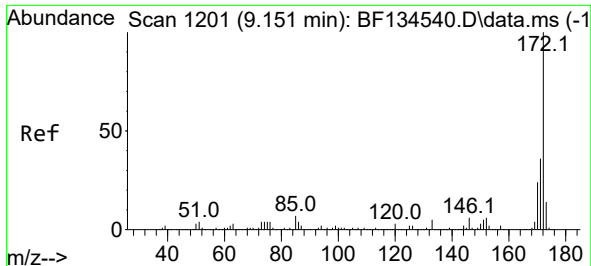
Tgt Ion:164 Resp: 414612
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 148.444 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:330 Resp: 627411
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 26.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 89.188 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

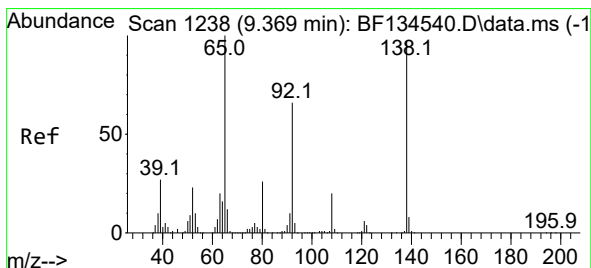
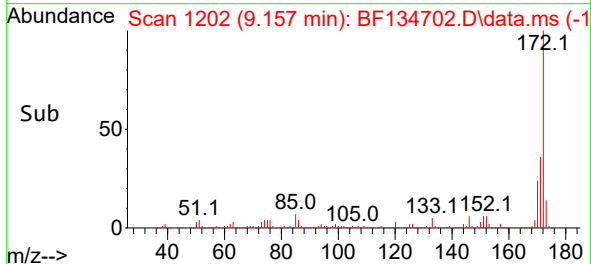
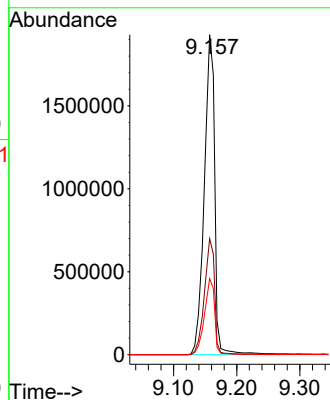
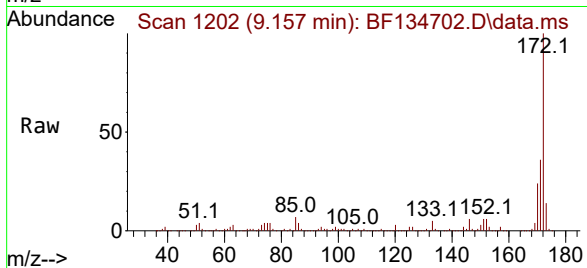
Tgt Ion:172 Resp: 2224009

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.633 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.223 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

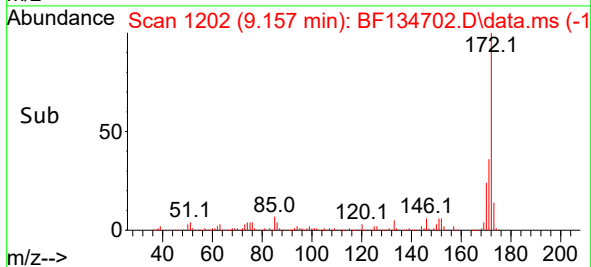
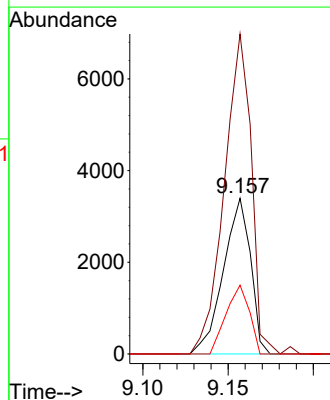
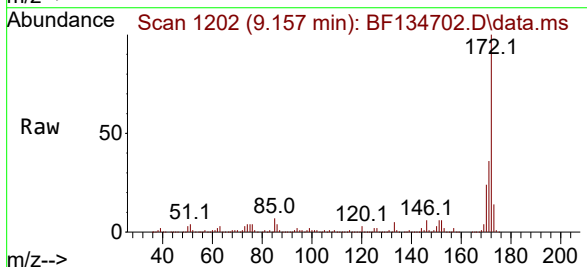
Tgt Ion: 65 Resp: 3768

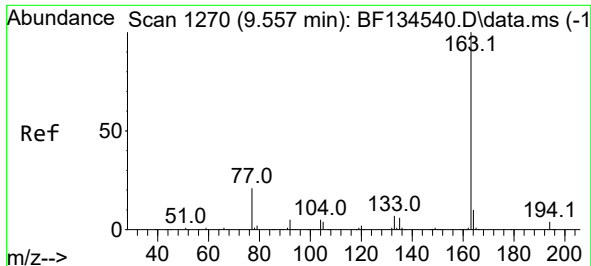
Ion Ratio Lower Upper

65 100

92 205.6 50.7 76.1#

138 44.2 78.2 117.4#

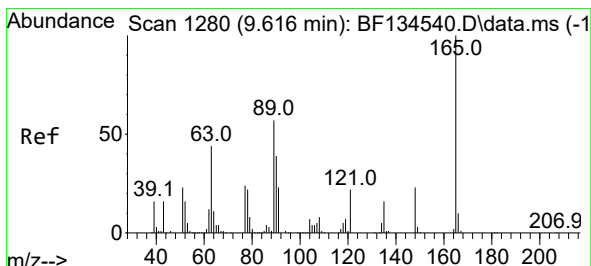
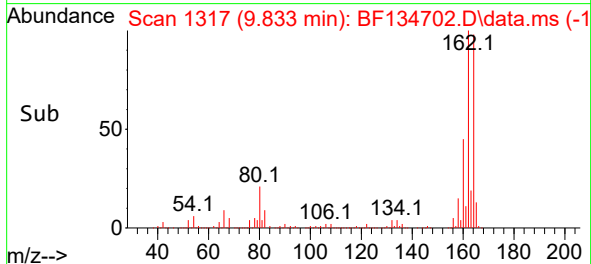
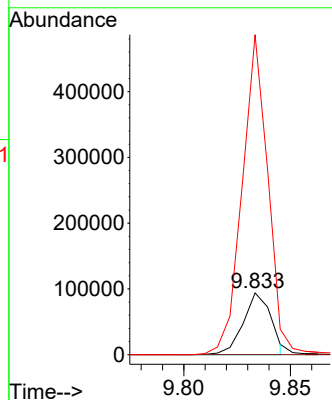
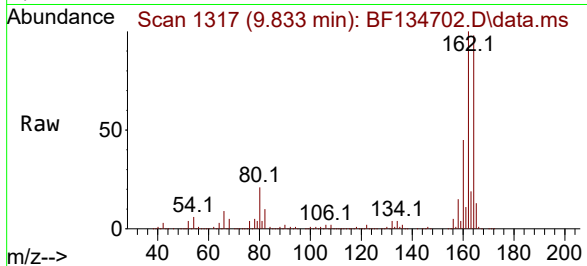




#50
Dimethylphthalate
Concen: 3.014 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

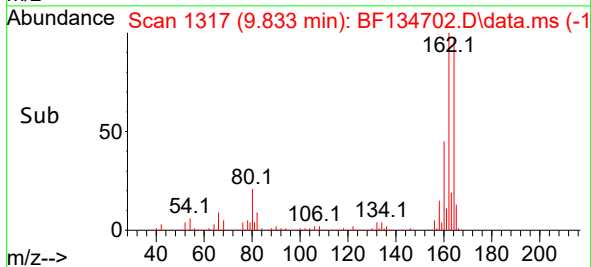
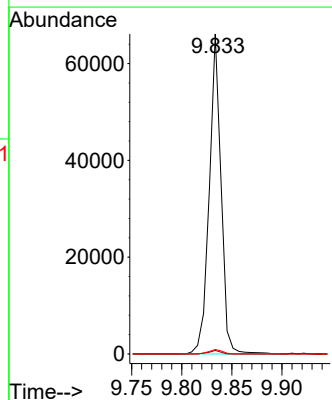
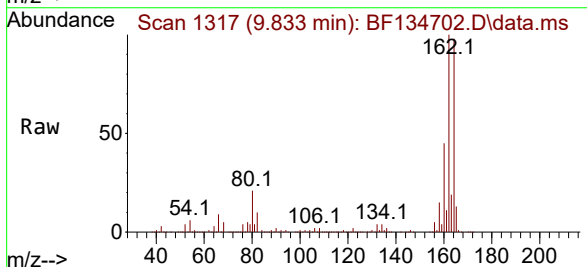
Instrument :
BNA_F
ClientSampleId :
PB154564BL

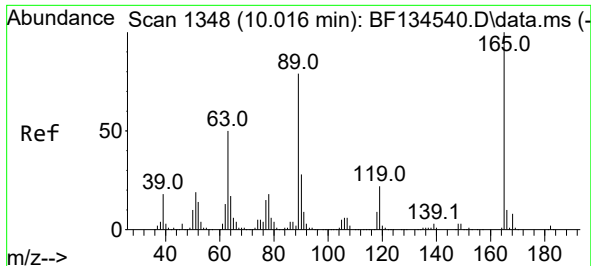
Tgt Ion:163 Resp: 85167
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 517.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.391 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:165 Resp: 54330
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.4 51.8 77.8#

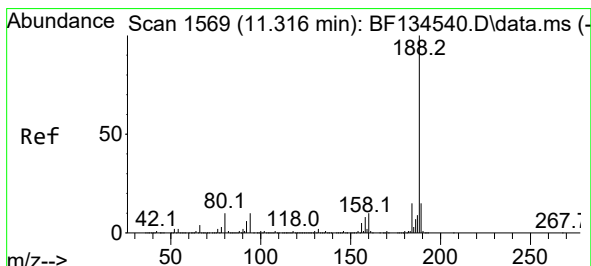
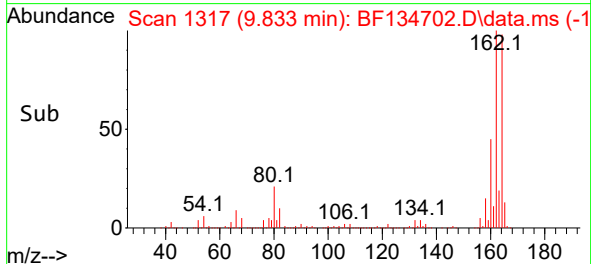
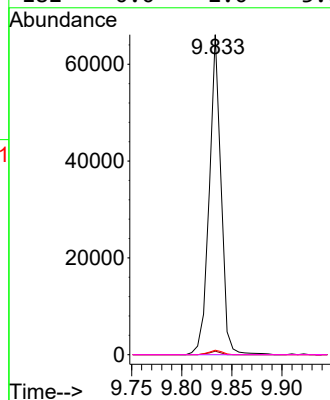
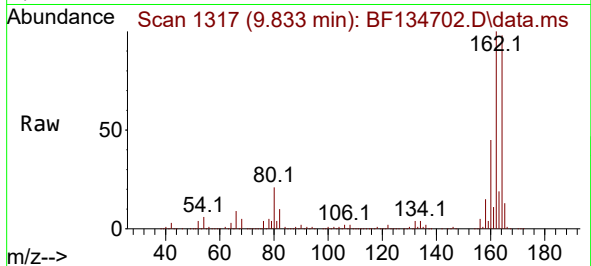




#57
2,4-Dinitrotoluene
Concen: 10.158 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

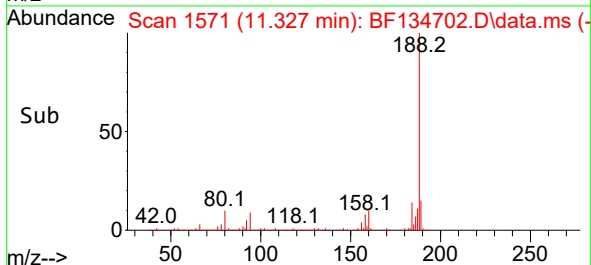
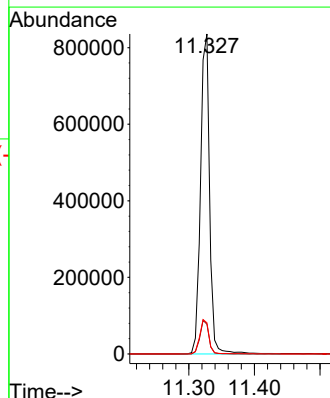
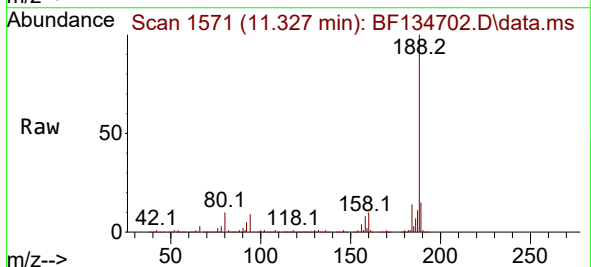
Instrument :
BNA_F
ClientSampleId :
PB154564BL

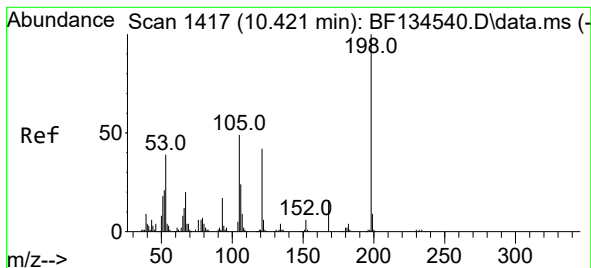
Tgt Ion:165 Resp: 54330
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:188 Resp: 806378
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 9.7 6.6 9.8

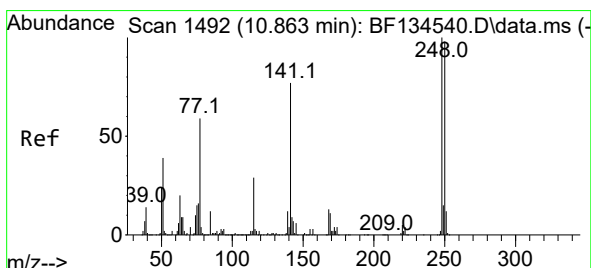
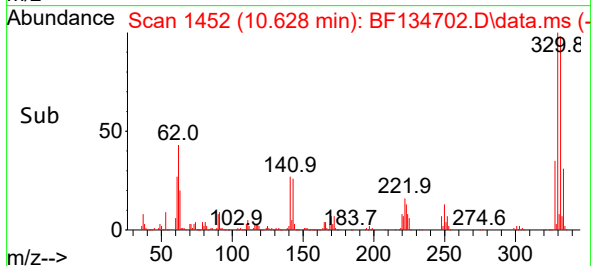
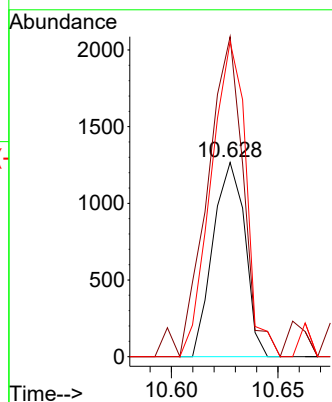
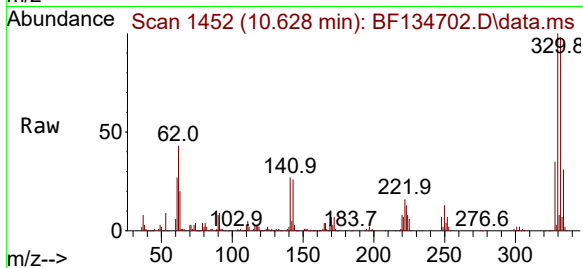




#65
4,6-Dinitro-2-methylphenol
Concen: 9.031 ng
RT: 10.628 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

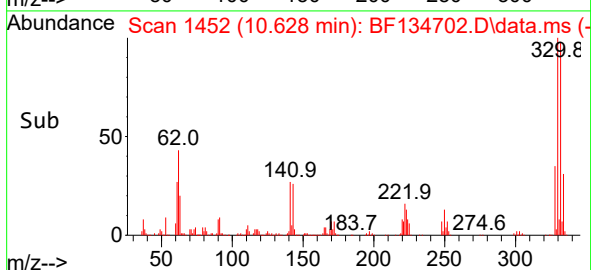
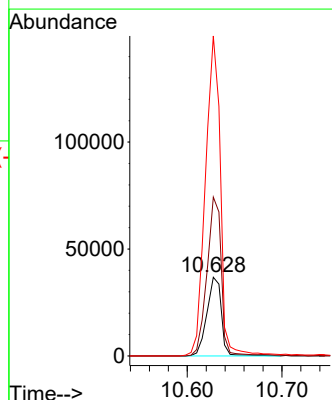
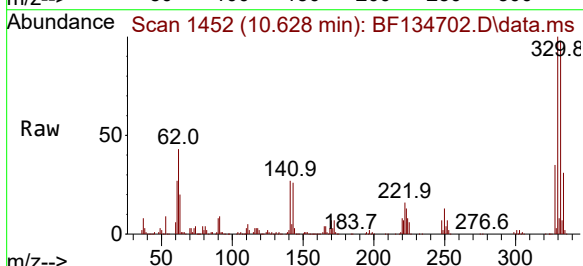
Instrument :
BNA_F
ClientSampleId :
PB154564BL

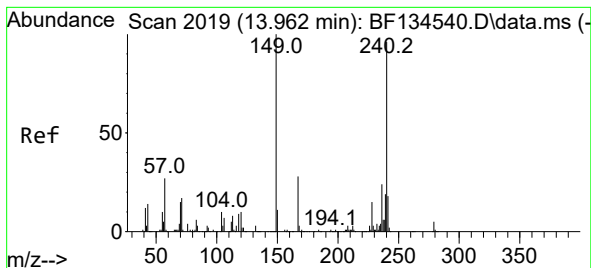
Tgt Ion:198 Resp: 1322
Ion Ratio Lower Upper
198 100
51 164.7 38.6 78.6#
105 162.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.421 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:248 Resp: 39026
Ion Ratio Lower Upper
248 100
250 201.8 79.6 119.4#
141 406.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

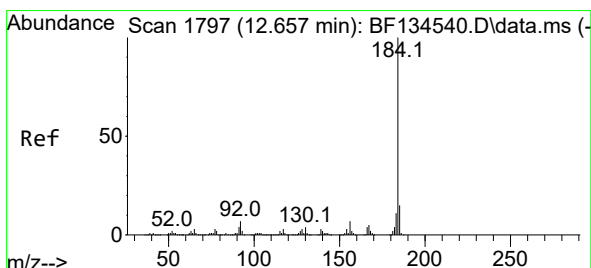
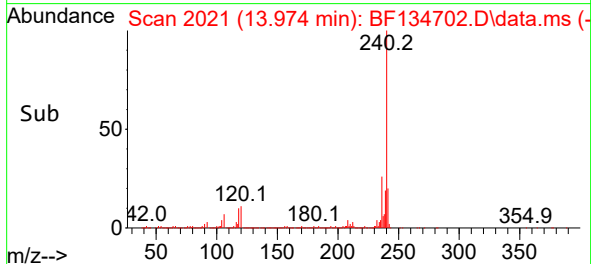
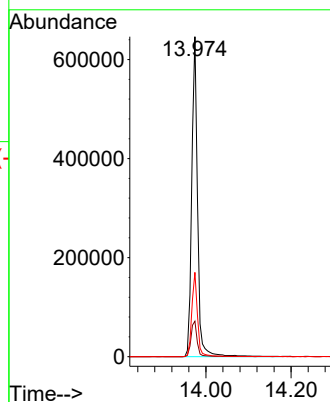
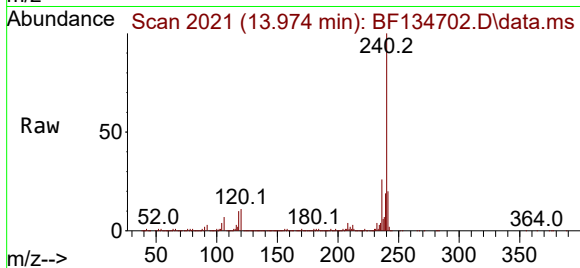
Tgt Ion:240 Resp: 612479

Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.3 20.2 30.2



#77

Benzidine

Concen: 2.524 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

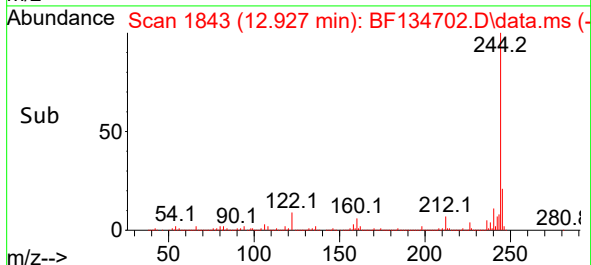
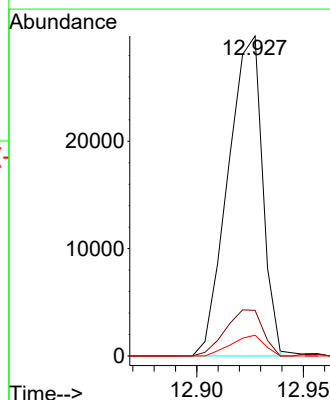
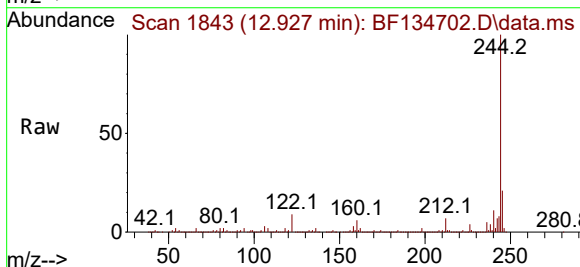
Tgt Ion:184 Resp: 33556

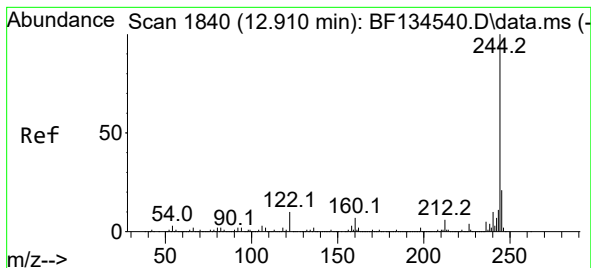
Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 6.5 8.6 13.0#





#79

Terphenyl-d14

Concen: 80.172 ng

RT: 12.927 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

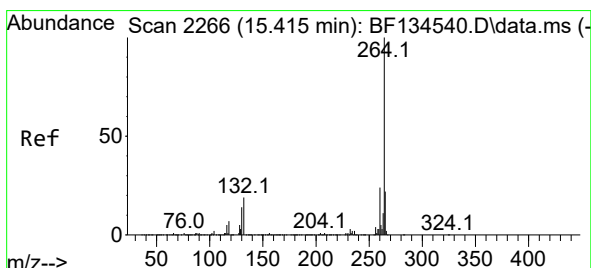
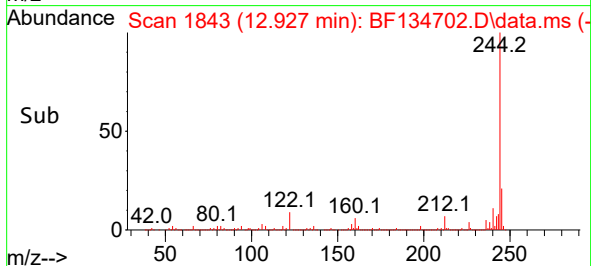
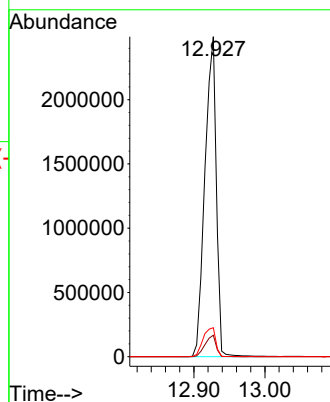
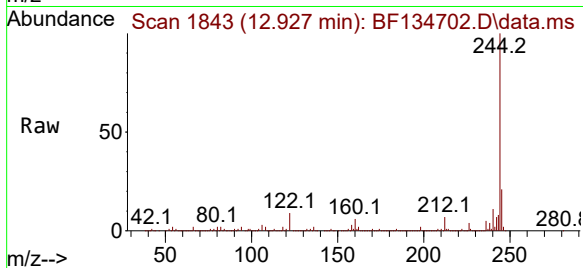
Tgt Ion:244 Resp: 2785435

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Tgt Ion:264 Resp: 489306

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.4 15.8 23.8

