

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134749.D
 Acq On : 14 Aug 2023 09:16
 Operator : CG\JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

Quant Time: Aug 14 09:37:13 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)

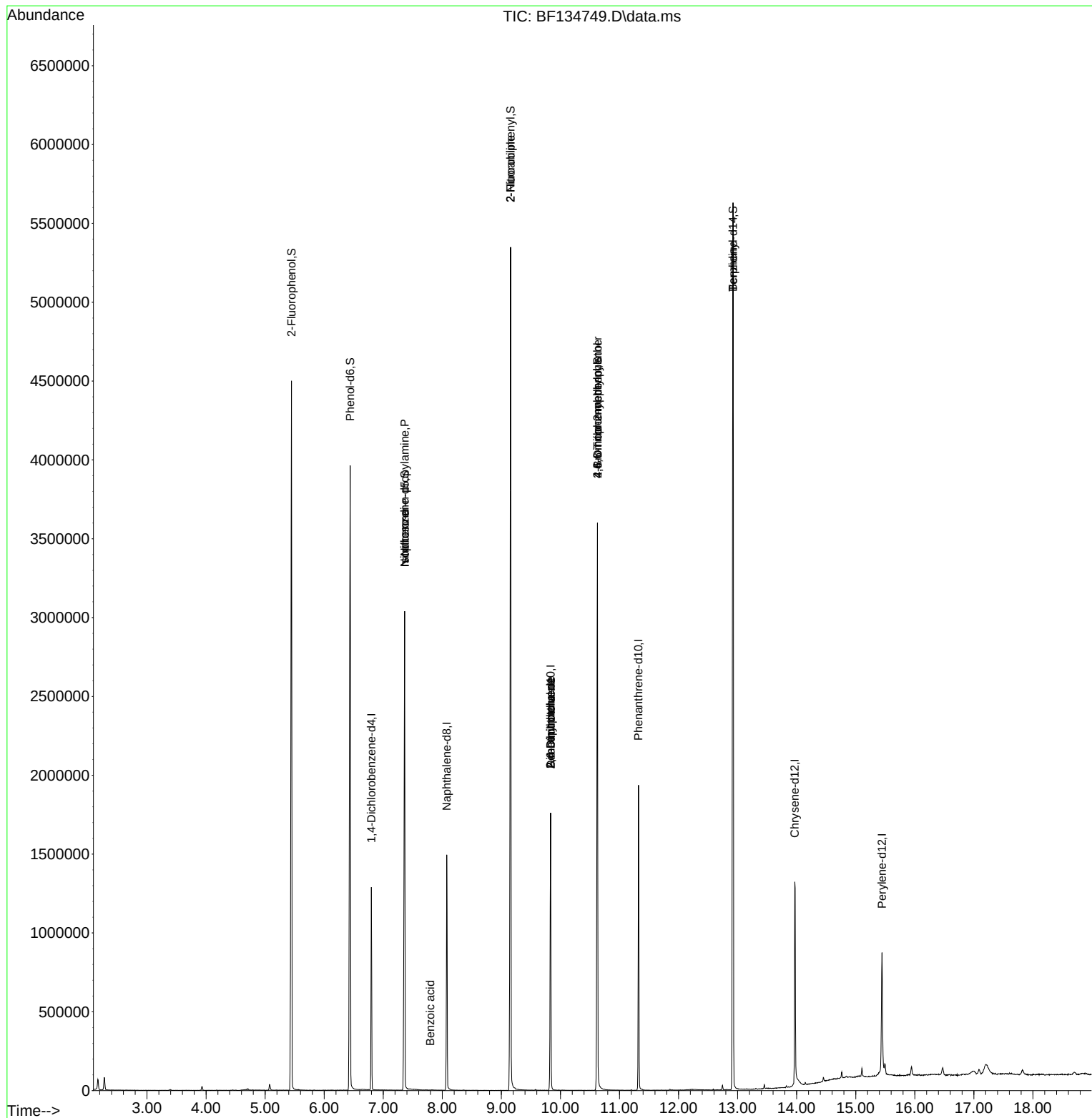
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	172105	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	693512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	354387	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	657376	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	493506	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	413832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1381580	122.027	ng	0.02
7) Phenol-d6	6.440	99	1740068	120.229	ng	0.00
23) Nitrobenzene-d5	7.363	82	1080854	97.396	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	508710	140.814	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1895721	88.942	ng	0.00
79) Terphenyl-d14	12.921	244	2285973	81.658	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	2685	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	145480	16.789	ng	# 72
25) Isophorone	7.363	82	1067149	44.088	ng	# 65
32) Benzoic acid	7.798	122	78	7.876	ng	# 37
48) 2-Nitroaniline	9.157	65	3090	3.614	ng	# 1
50) Dimethylphthalate	9.833	163	72624	3.007	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	46346	11.373	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	46346	10.144	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	1011	9.010	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	31591	4.390	ng	# 1
77) Benzidine	12.921	184	26459	2.470	ng	# 89

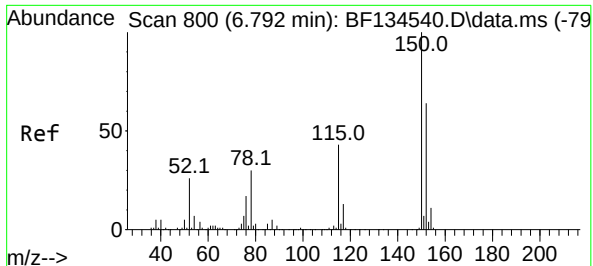
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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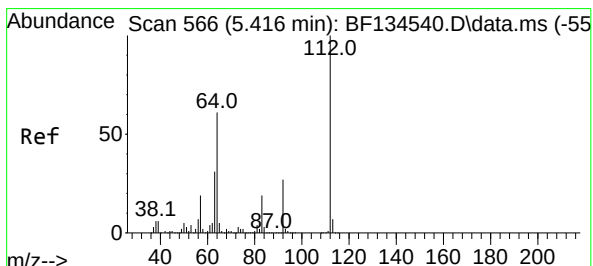
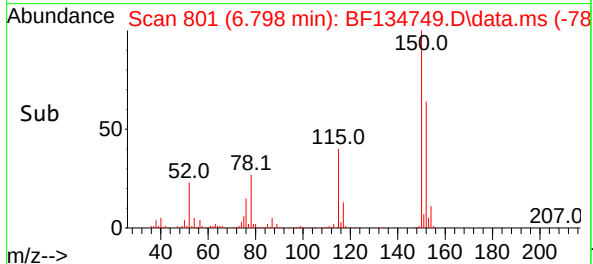
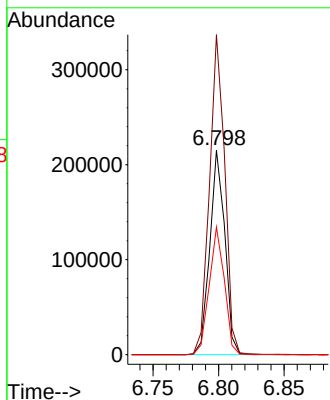
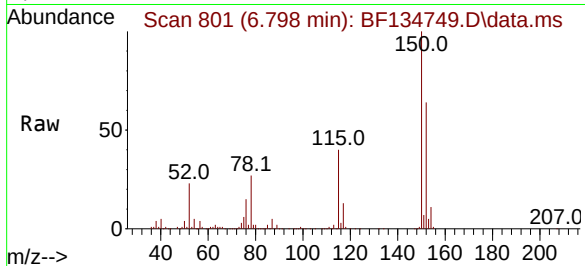




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

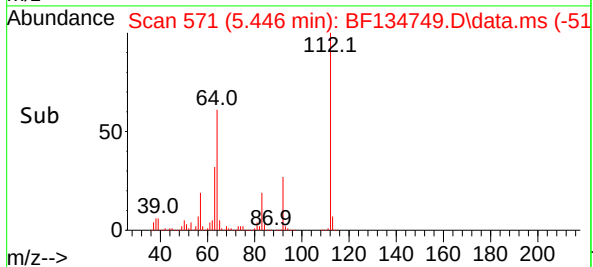
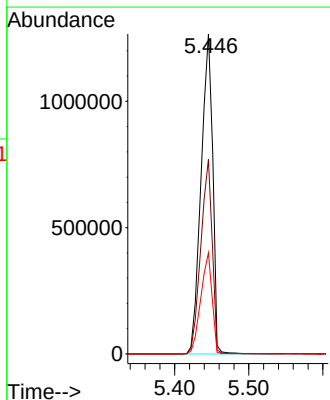
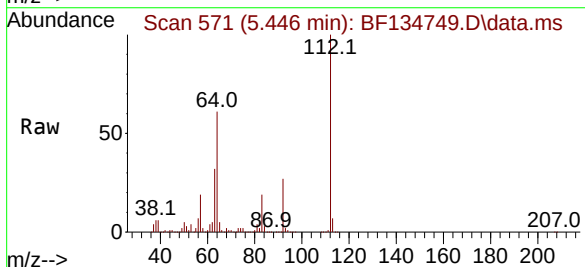
Instrument :
BNA_F
ClientSampleId :
PB154564BL

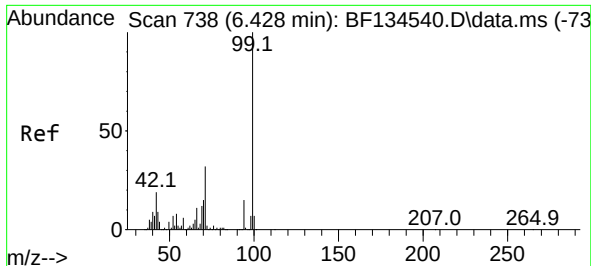
Tgt Ion:152 Resp: 172105
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 62.4 52.4 78.6



#5
2-Fluorophenol
Concen: 122.027 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion:112 Resp: 1381580
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.6 25.4 38.0

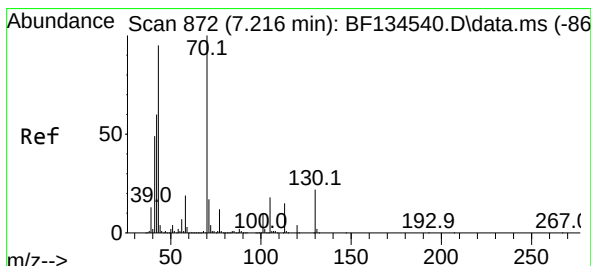
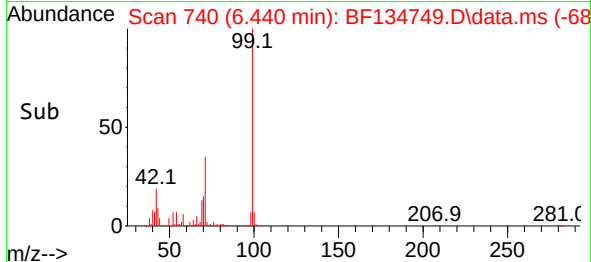
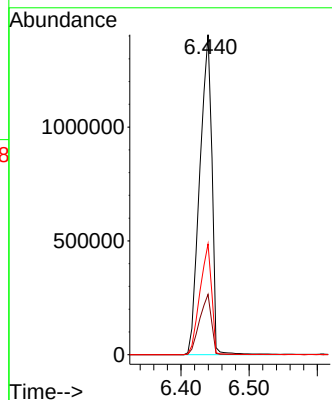
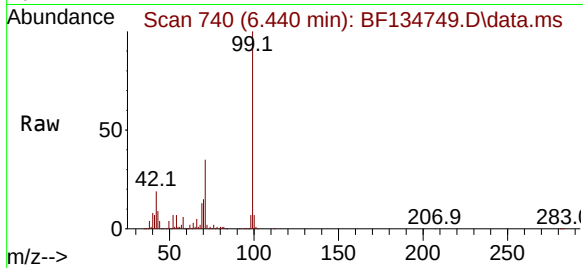




#7
Phenol-d6
Concen: 120.229 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

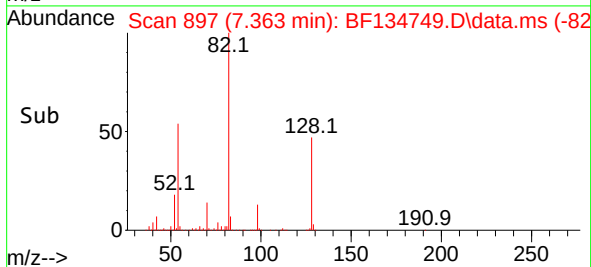
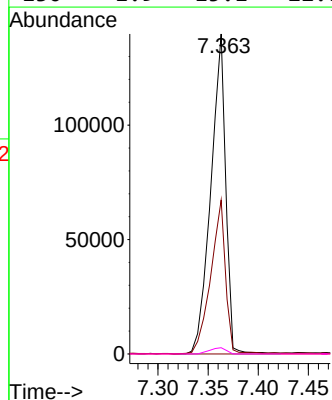
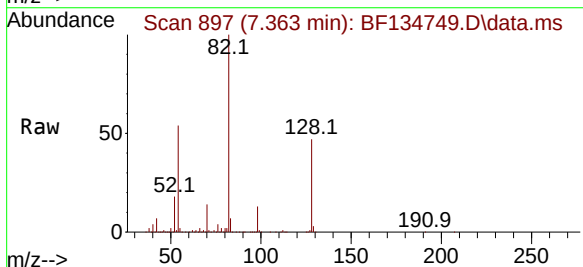
Instrument :
BNA_F
ClientSampleId :
PB154564BL

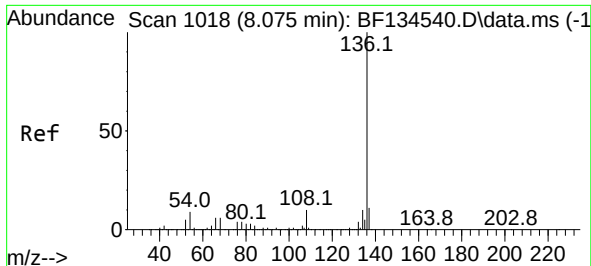
Tgt Ion: 99 Resp: 1740068
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 34.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.789 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion: 70 Resp: 145480
Ion Ratio Lower Upper
70 100
42 48.1 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#

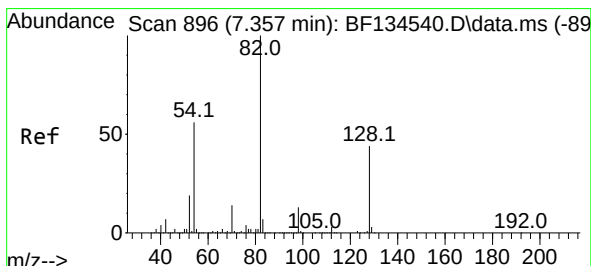
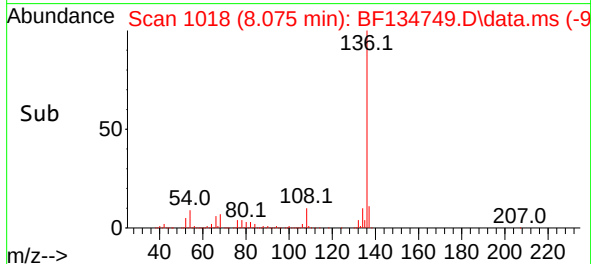
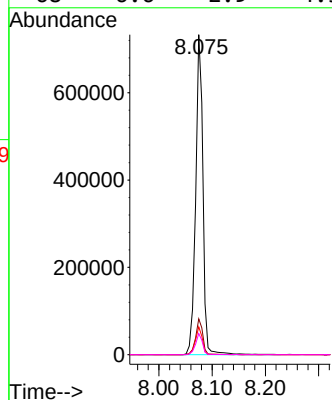
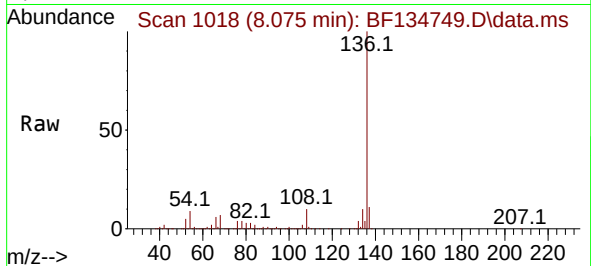




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

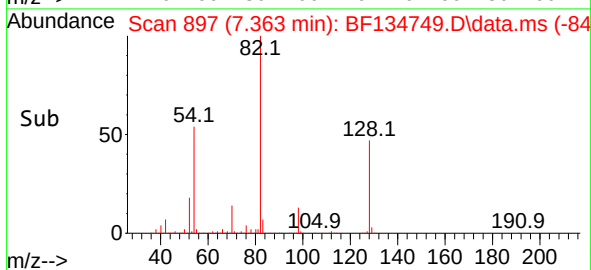
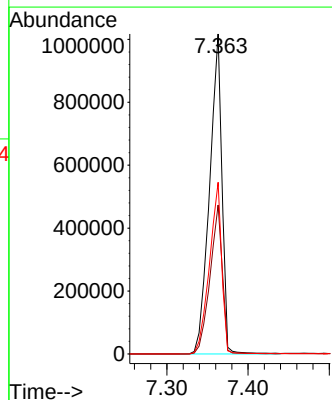
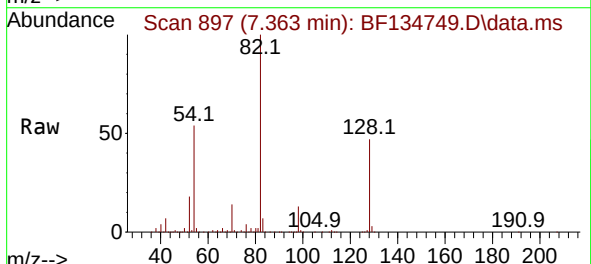
Instrument :
BNA_F
ClientSampleId :
PB154564BL

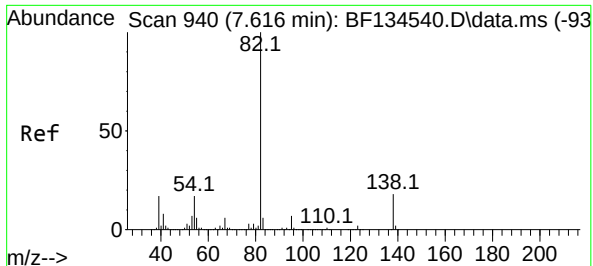
Tgt Ion:136 Resp: 693512
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 97.396 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion: 82 Resp: 1080854
Ion Ratio Lower Upper
82 100
128 46.5 34.3 51.5
54 53.6 43.8 65.6

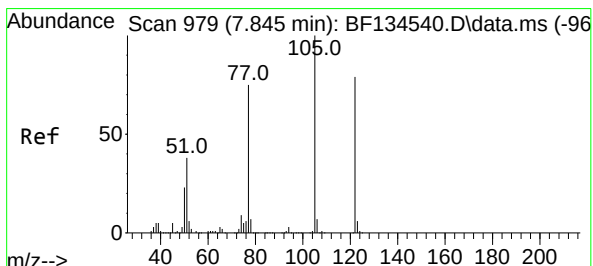
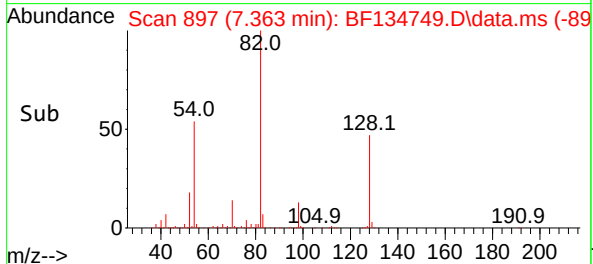
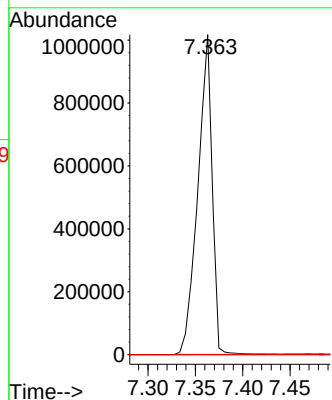
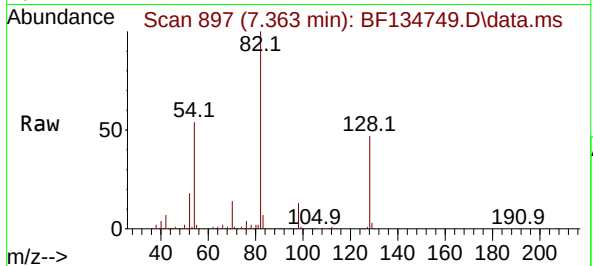




#25
Isophorone
Concen: 44.088 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

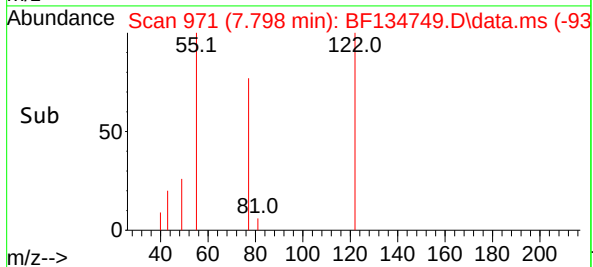
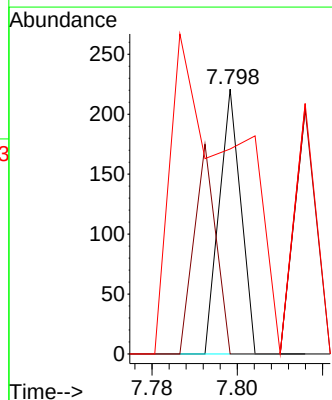
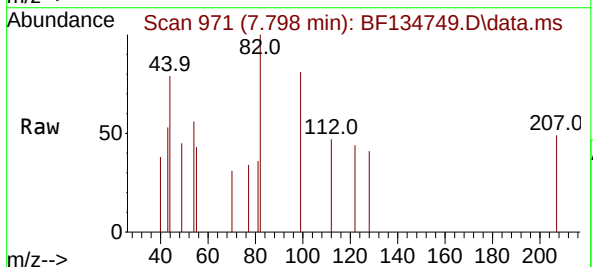
Instrument :
BNA_F
ClientSampleId :
PB154564BL

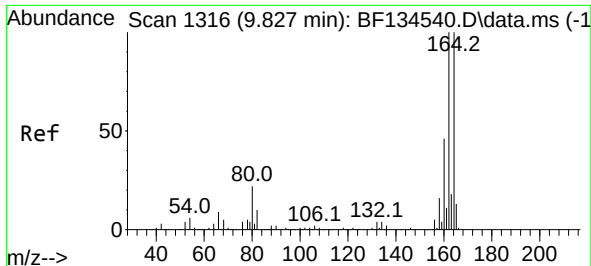
Tgt Ion: 82 Resp: 1067149
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.876 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.065 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 77.4 71.4 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134749.D

Acq: 14 Aug 2023 09:16

Instrument :

BNA_F

ClientSampleId :

PB154564BL

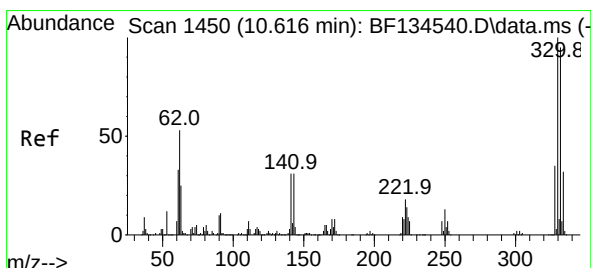
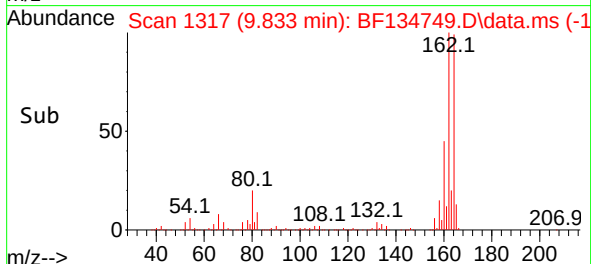
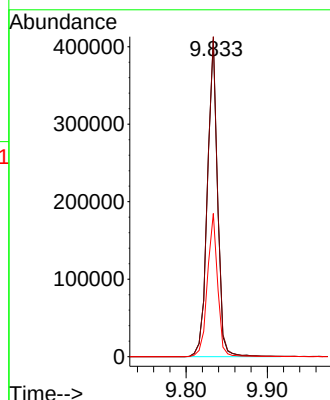
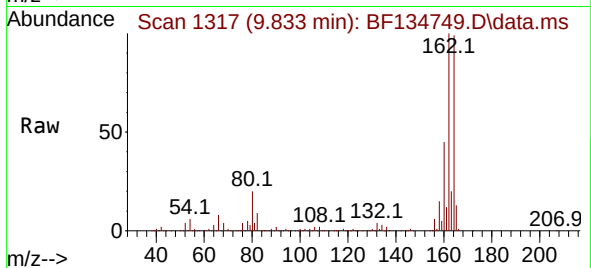
Tgt Ion:164 Resp: 354387

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

160 45.2 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 140.814 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134749.D

Acq: 14 Aug 2023 09:16

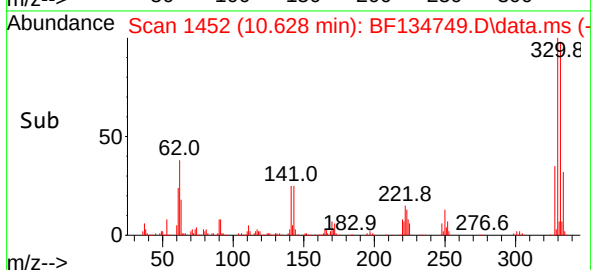
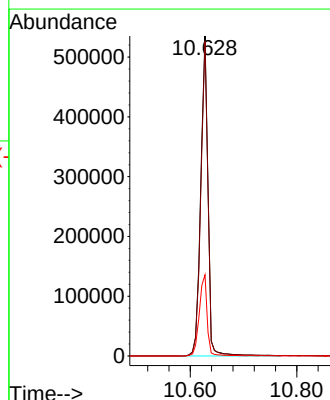
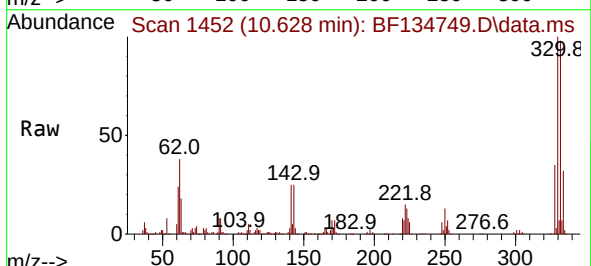
Tgt Ion:330 Resp: 508710

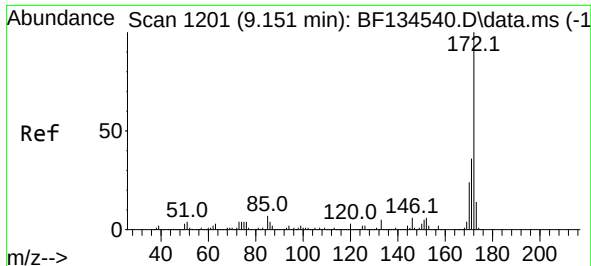
Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 27.6 25.4 38.2

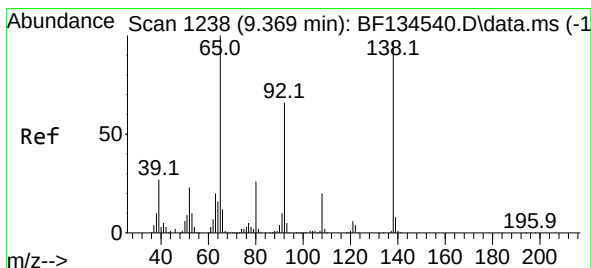
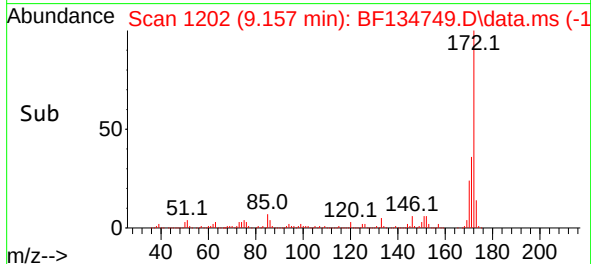
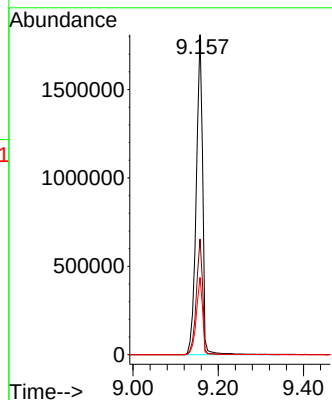
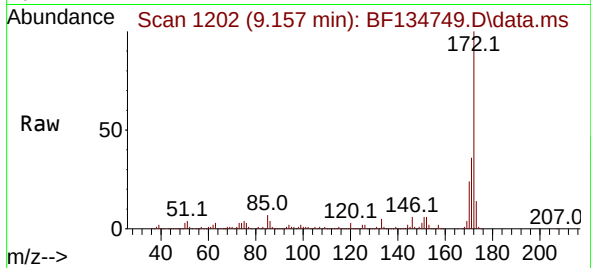




#45
2-Fluorobiphenyl
Concen: 88.942 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

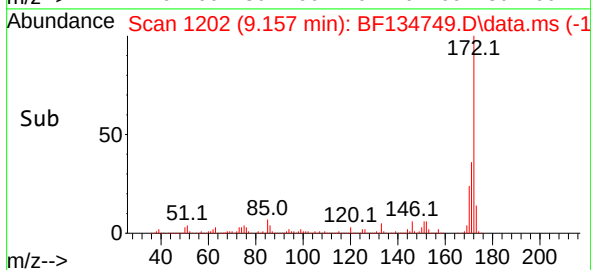
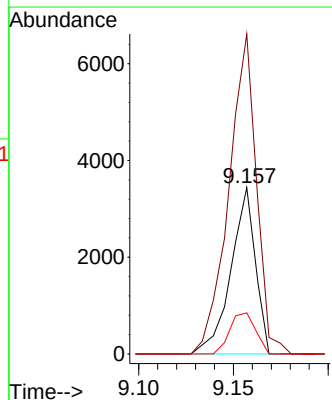
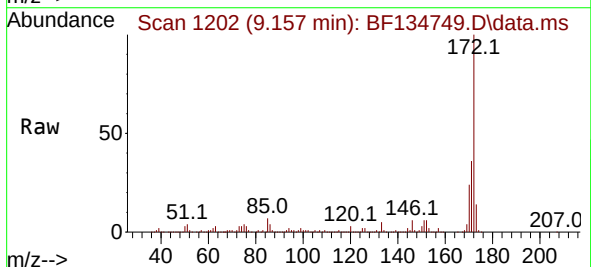
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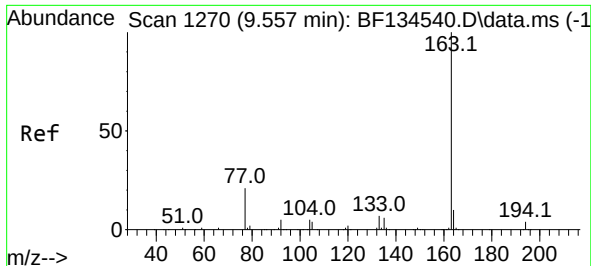
Tgt Ion:172 Resp: 1895721
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 18.7 28.1



#48
2-Nitroaniline
Concen: 3.614 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.223 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion: 65 Resp: 3090
Ion Ratio Lower Upper
65 100
92 192.3 50.7 76.1#
138 24.7 78.2 117.4#

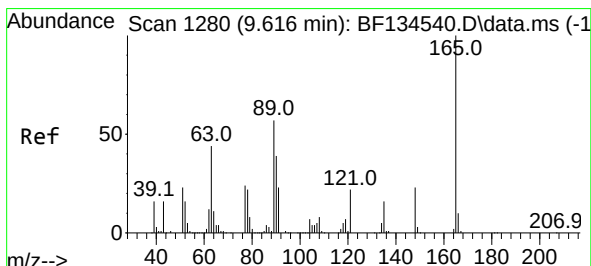
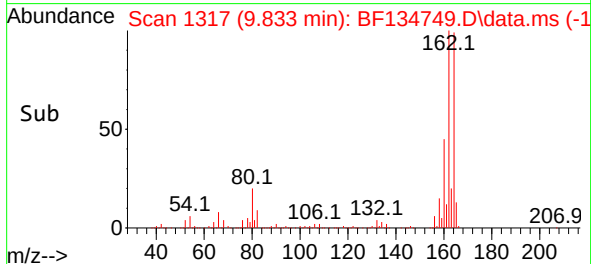
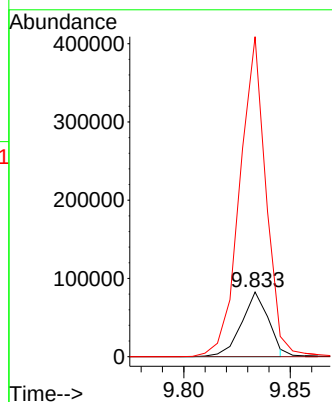
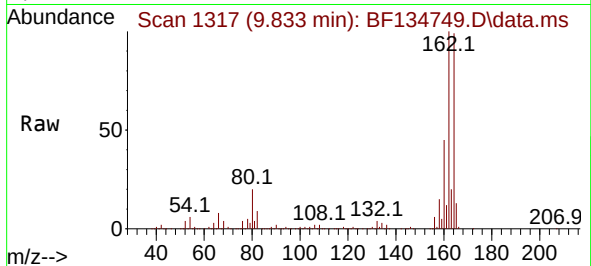




#50
Dimethylphthalate
Concen: 3.007 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

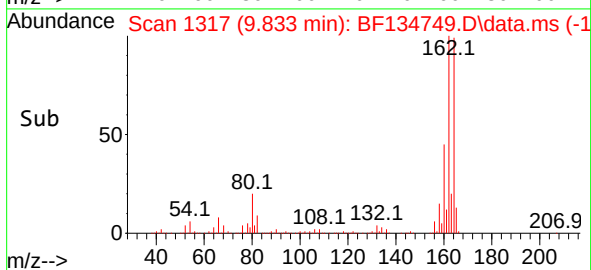
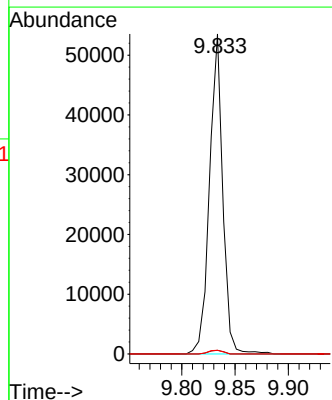
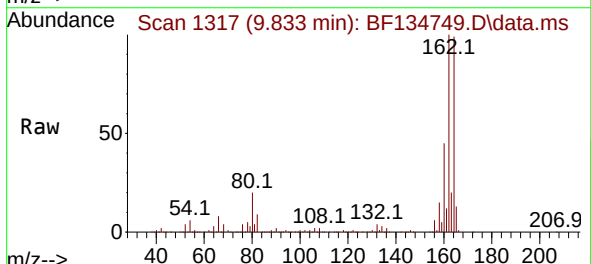
Instrument :
BNA_F
ClientSampleId :
PB154564BL

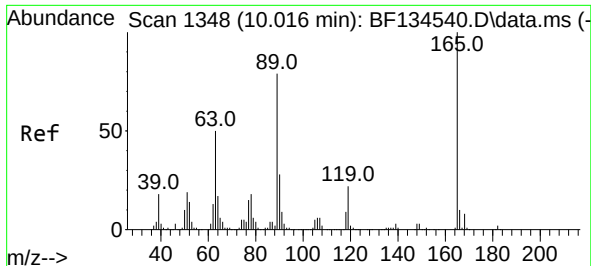
Tgt Ion:163 Resp: 72624
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 495.3 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.373 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

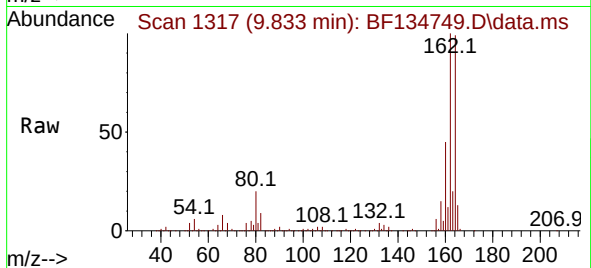
Tgt Ion:165 Resp: 46346
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.1 51.8 77.8#



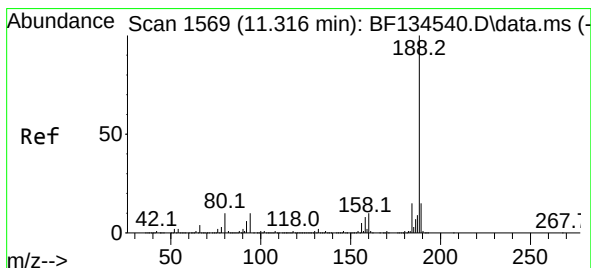
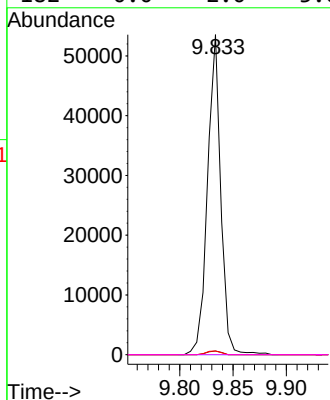
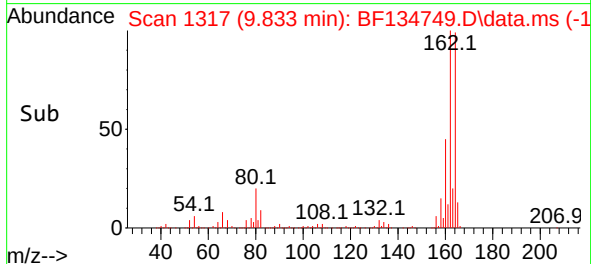


#57
2,4-Dinitrotoluene
Concen: 10.144 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

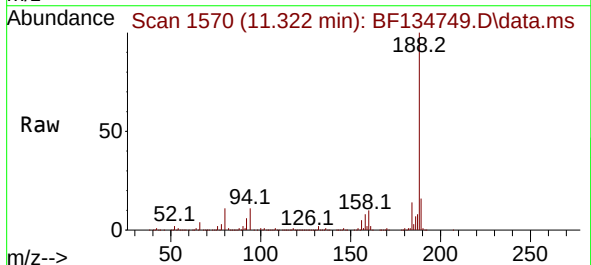
Instrument :
BNA_F
ClientSampleId :
PB154564BL



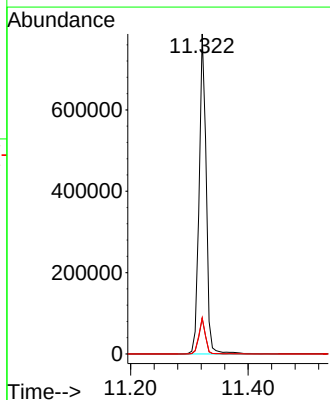
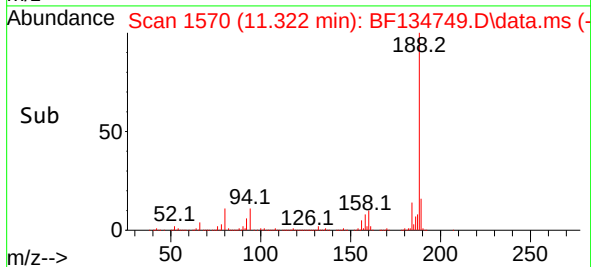
Tgt Ion:165 Resp: 46346
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#

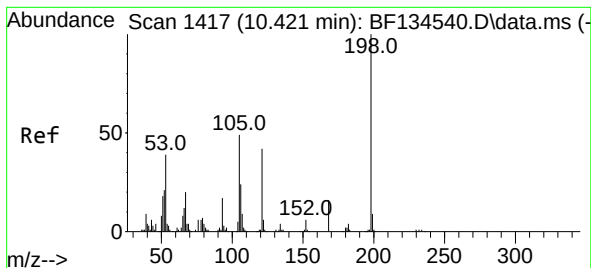


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16



Tgt Ion:188 Resp: 657376
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 11.3 6.6 9.8#

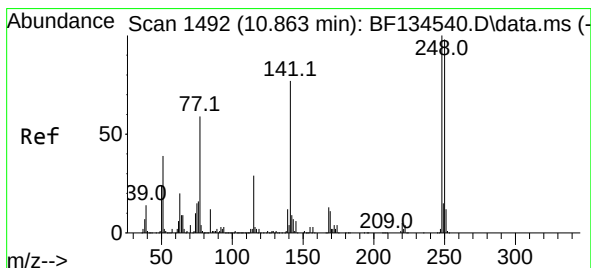
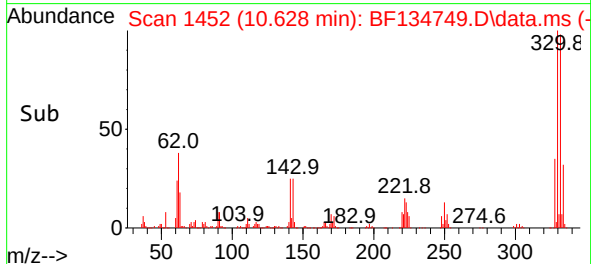
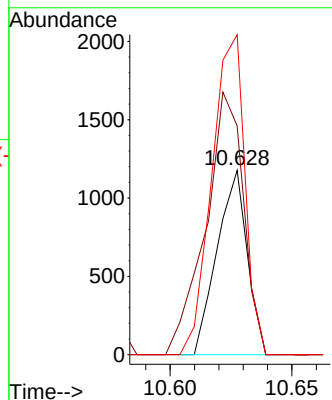
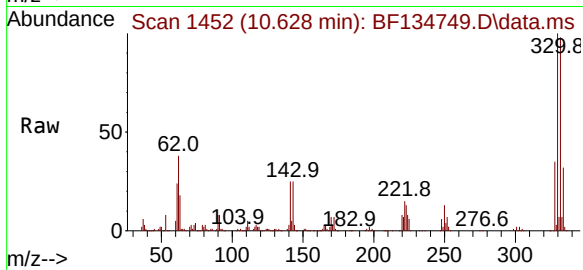




#65
4,6-Dinitro-2-methylphenol
Concen: 9.010 ng
RT: 10.628 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

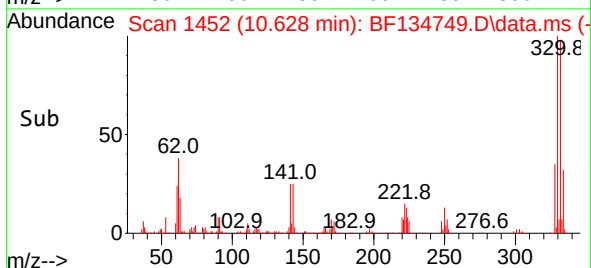
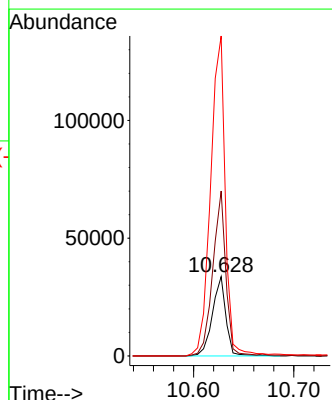
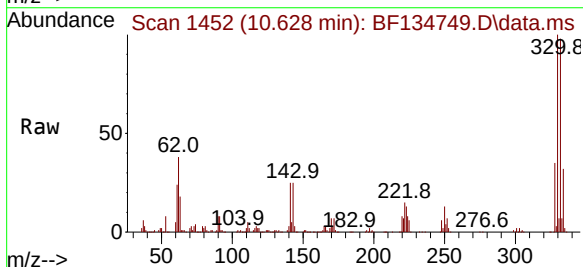
Instrument :
BNA_F
ClientSampleId :
PB154564BL

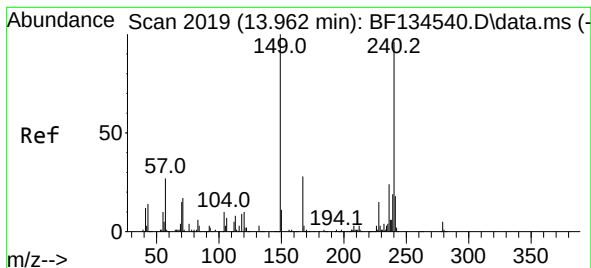
Tgt Ion:198 Resp: 1011
Ion Ratio Lower Upper
198 100
51 124.0 38.6 78.6#
105 173.6 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134749.D
Acq: 14 Aug 2023 09:16

Tgt Ion:248 Resp: 31591
Ion Ratio Lower Upper
248 100
250 207.7 79.6 119.4#
141 402.8 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134749.D

Acq: 14 Aug 2023 09:16

Instrument :

BNA_F

ClientSampleId :

PB154564BL

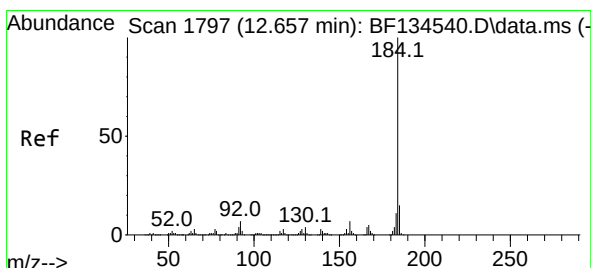
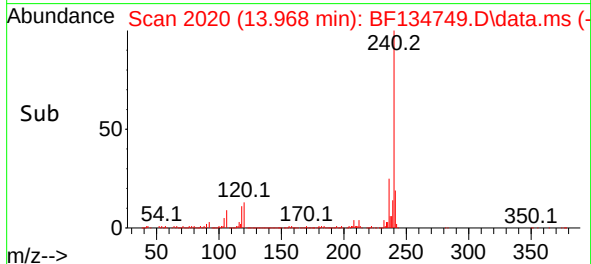
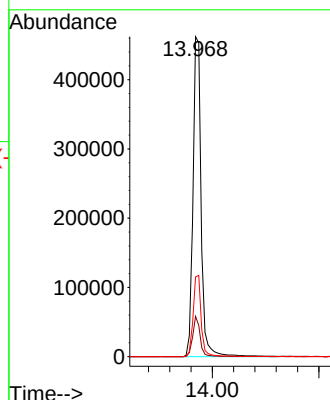
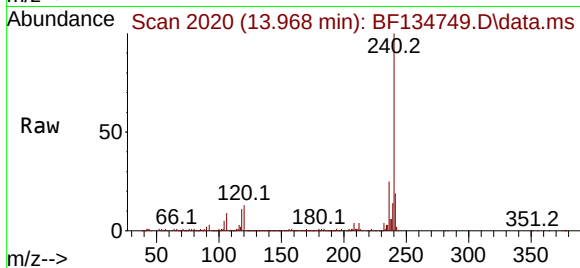
Tgt Ion:240 Resp: 493506

Ion Ratio Lower Upper

240 100

120 12.6 6.6 10.0#

236 24.9 20.2 30.2



#77

Benzidine

Concen: 2.470 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF134749.D

Acq: 14 Aug 2023 09:16

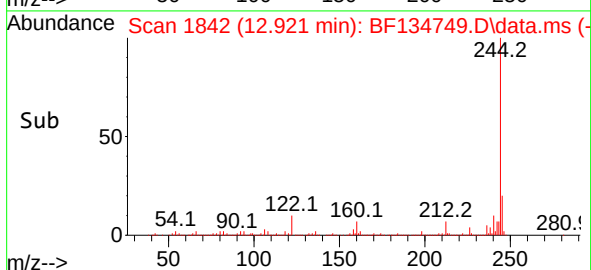
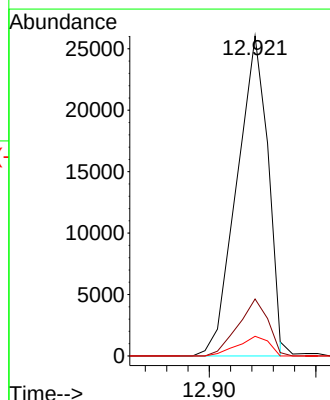
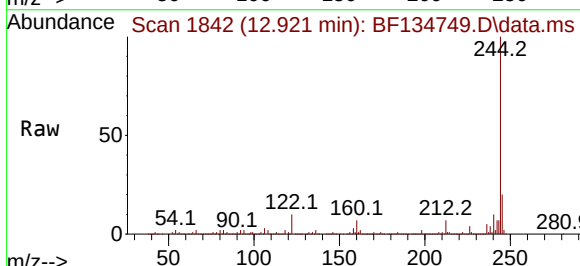
Tgt Ion:184 Resp: 26459

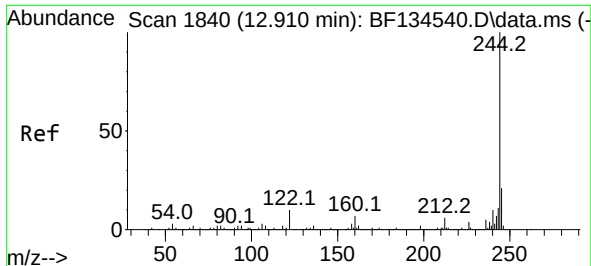
Ion Ratio Lower Upper

184 100

185 17.8 11.2 16.8#

183 6.2 8.6 13.0#

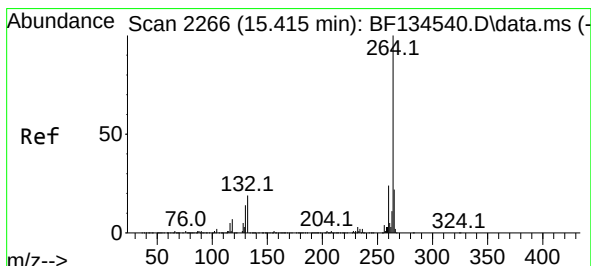
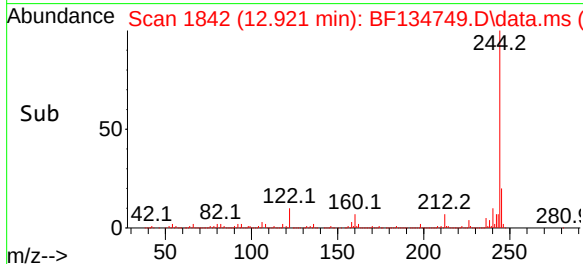
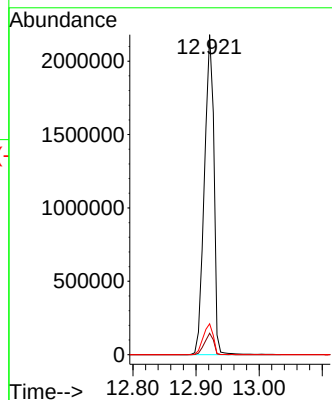
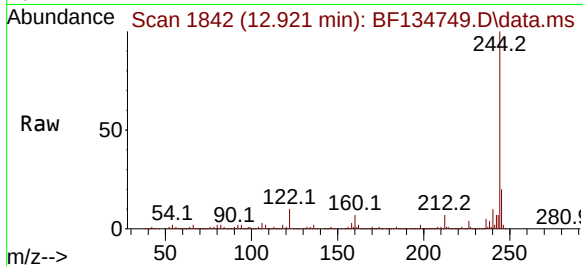




#79
 Terphenyl-d14
 Concen: 81.658 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF134749.D
 Acq: 14 Aug 2023 09:16

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

Tgt Ion:244 Resp: 2285973
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.7 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: BF134749.D
 Acq: 14 Aug 2023 09:16

Tgt Ion:264 Resp: 413832
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 15.8 23.8

