

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134734.D
 Acq On : 11 Aug 2023 16:02
 Operator : CG\JU
 Sample : 03971-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PP01

Quant Time: Aug 11 22:22:15 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)

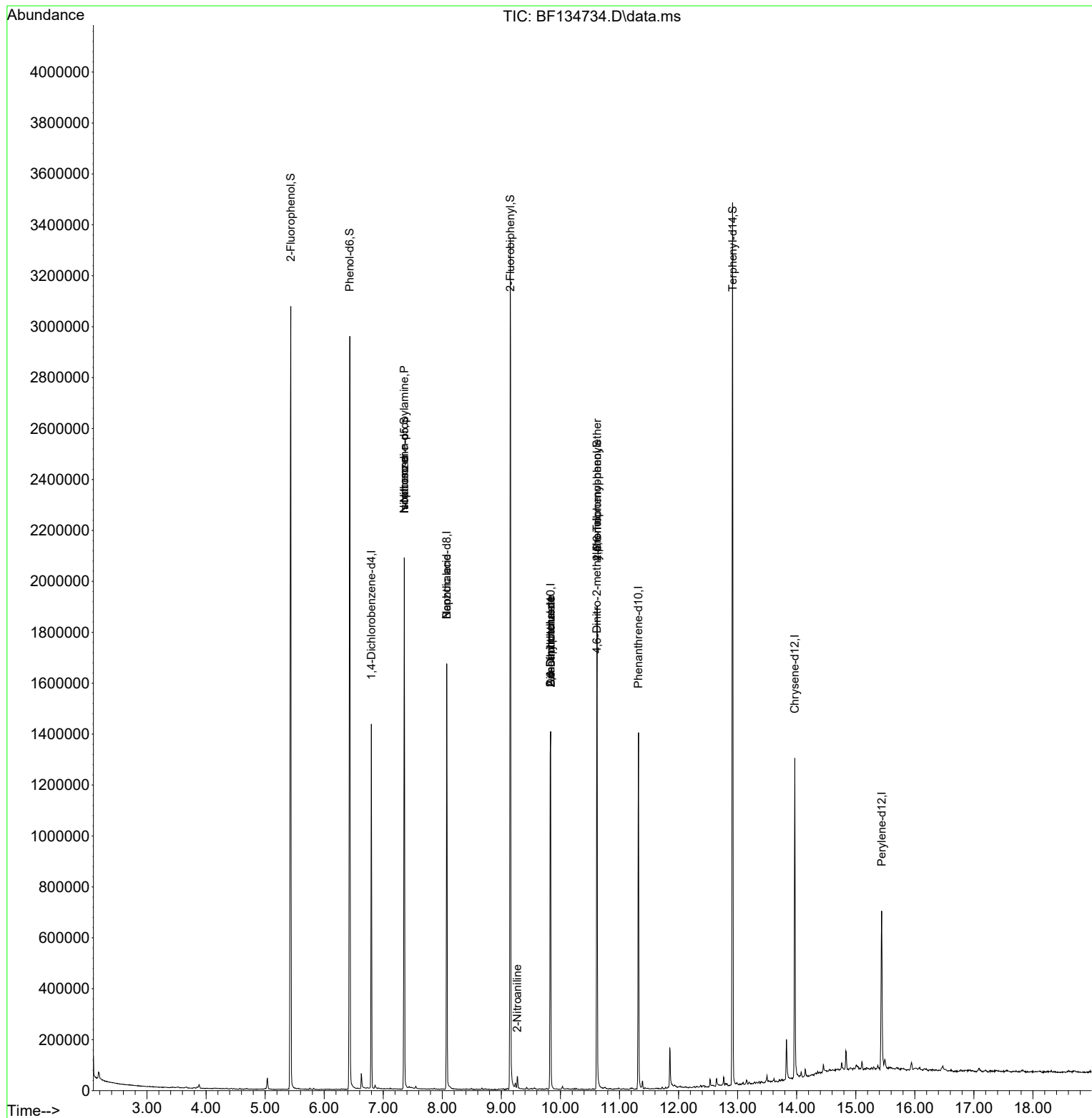
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	183707	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	694840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	299996	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	501406	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	414133	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	311205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	843048	69.759	ng	0.00
7) Phenol-d6	6.434	99	1017756	65.880	ng	0.00
23) Nitrobenzene-d5	7.357	82	616421	55.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	235063	76.864	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1104438	61.212	ng	-0.01
79) Terphenyl-d14	12.915	244	1206339	51.351	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	109	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	82160	8.883	ng	# 73
25) Isophorone	7.357	82	610651	25.180	ng	# 65
32) Benzoic acid	8.075	122	95	7.878	ng	# 1
48) 2-Nitroaniline	9.269	65	662	3.280	ng	# 8
50) Dimethylphthalate	9.833	163	62228	3.043	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	39294	11.387	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	39294	10.155	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	527	8.912	ng	# 26
67) 4-Bromophenyl-phenylether	10.622	248	14192	2.586	ng	# 1

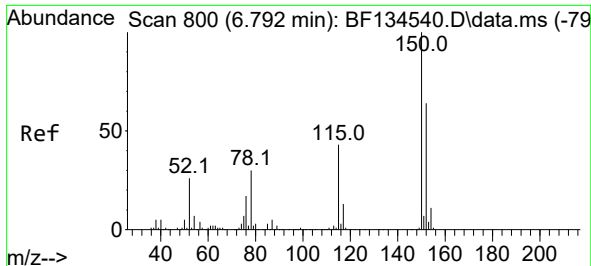
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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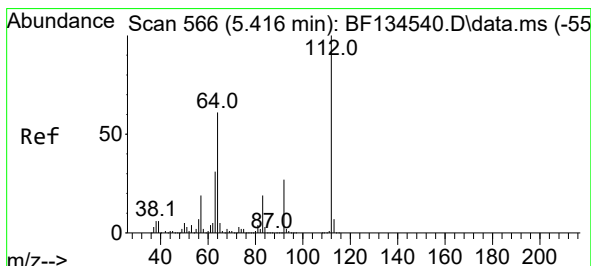
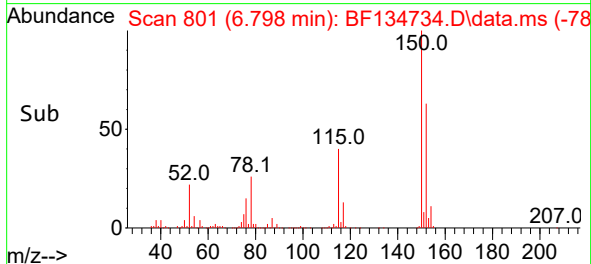
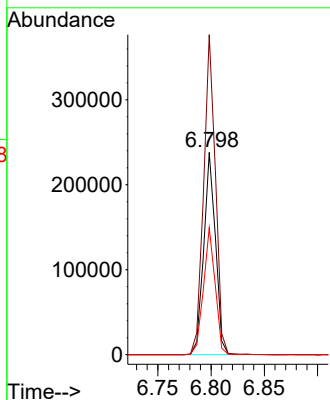
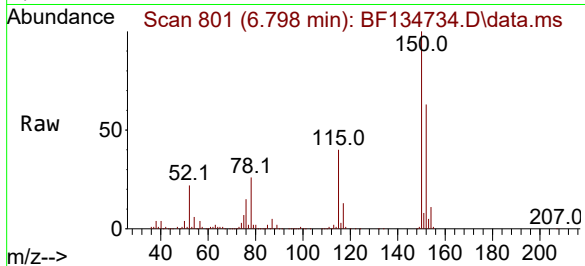




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

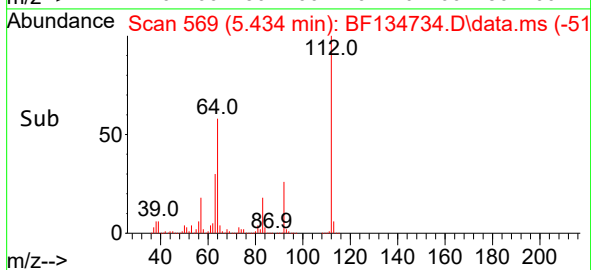
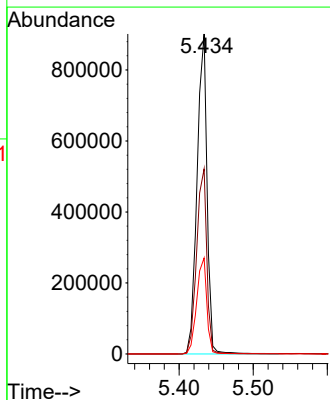
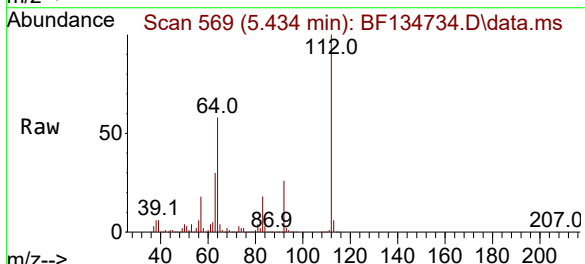
Instrument :
BNA_F
ClientSampleId :
WC-PP01

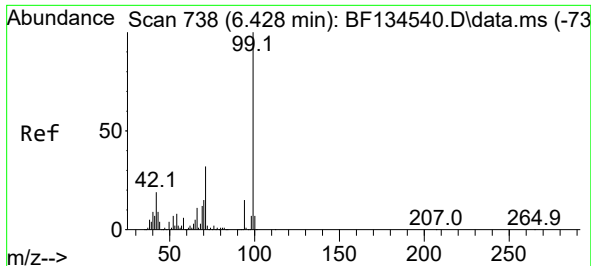
Tgt Ion:152 Resp: 183707
Ion Ratio Lower Upper
152 100
150 158.2 128.3 192.5
115 62.8 52.4 78.6



#5
2-Fluorophenol
Concen: 69.759 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion:112 Resp: 843048
Ion Ratio Lower Upper
112 100
64 57.8 44.9 67.3
63 30.0 25.4 38.0

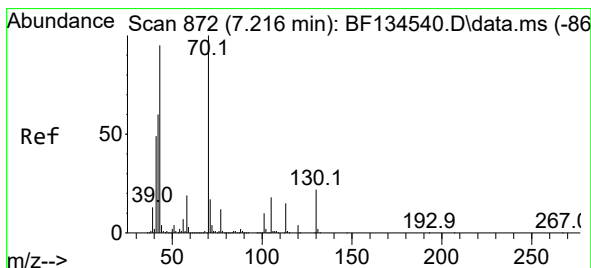
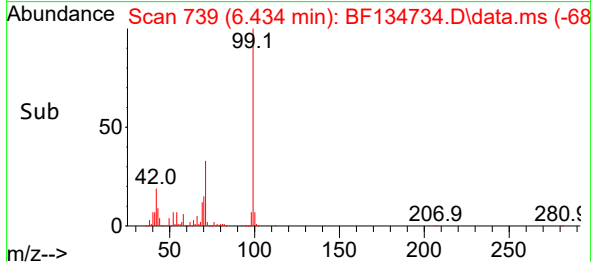
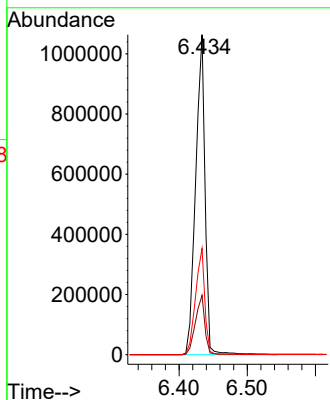
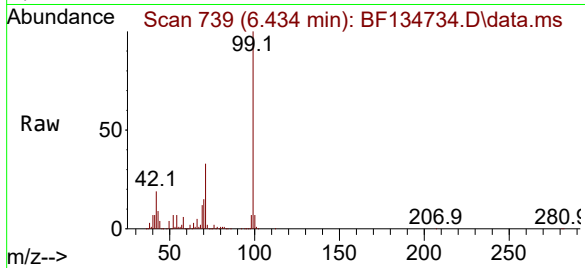




#7
Phenol-d6
Concen: 65.880 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

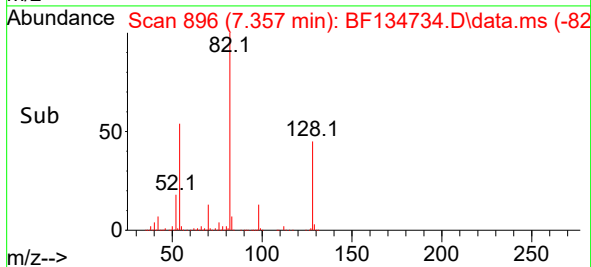
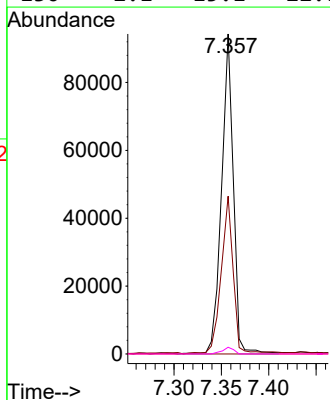
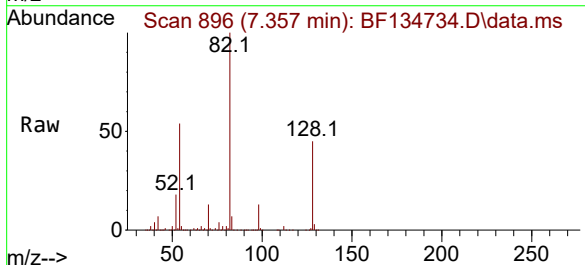
Instrument :
BNA_F
ClientSampleId :
WC-PP01

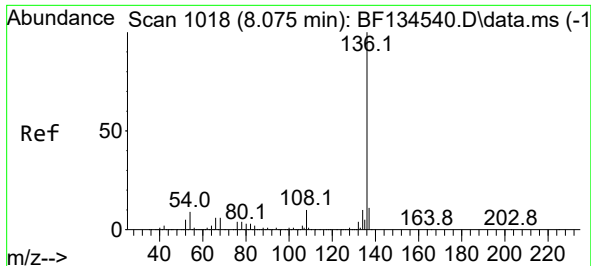
Tgt Ion: 99 Resp: 1017756
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.883 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion: 70 Resp: 82160
Ion Ratio Lower Upper
70 100
42 49.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

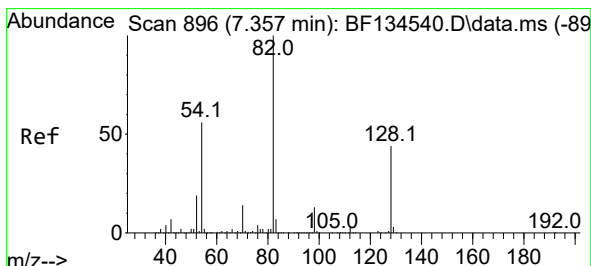
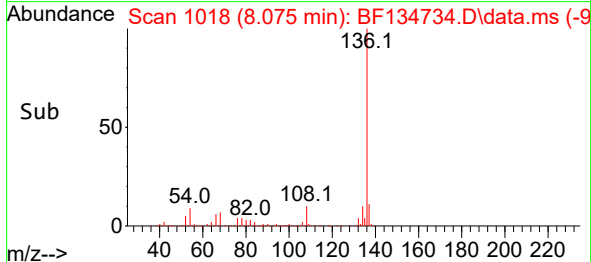
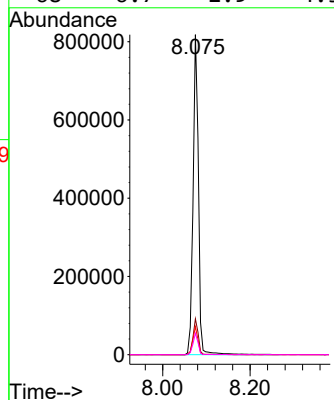
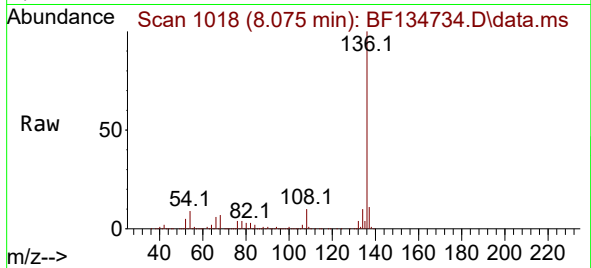




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

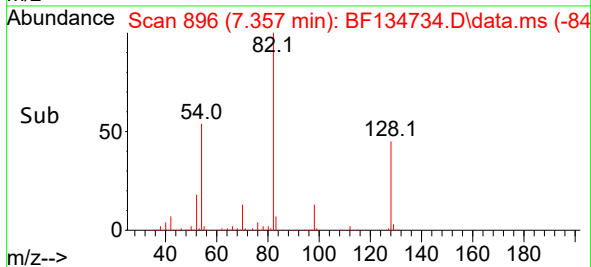
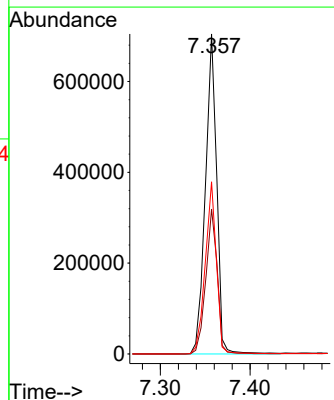
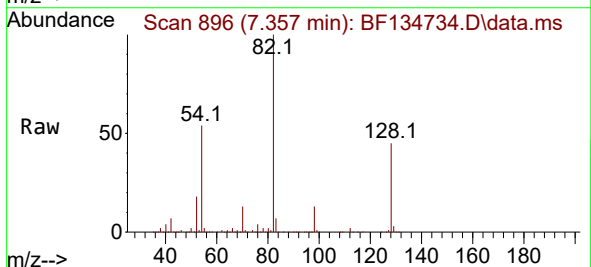
Instrument :
BNA_F
ClientSampleId :
WC-PP01

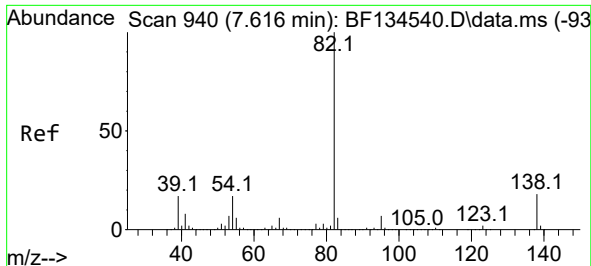
Tgt Ion:136 Resp: 694840
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 55.440 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion: 82 Resp: 616421
Ion Ratio Lower Upper
82 100
128 45.3 34.3 51.5
54 53.8 43.8 65.6

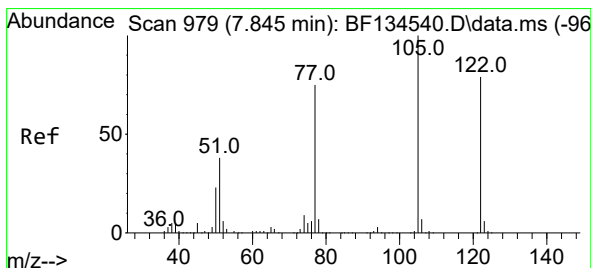
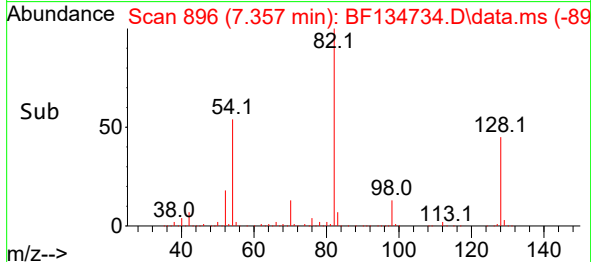
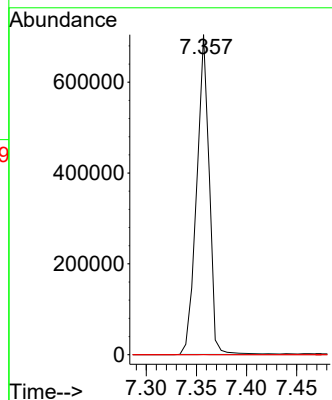
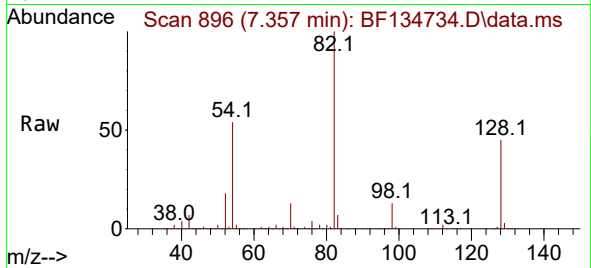




#25
Isophorone
Concen: 25.180 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

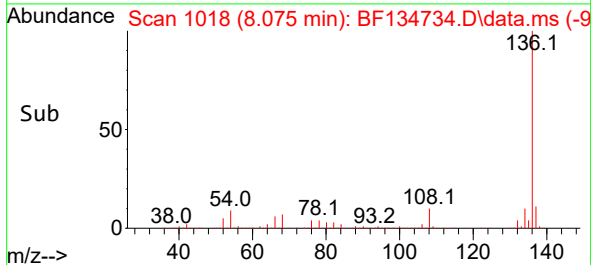
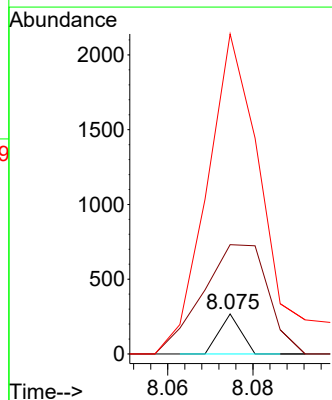
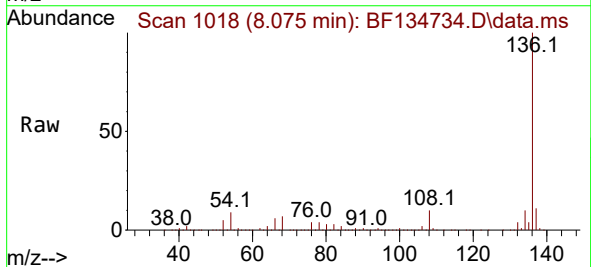
Instrument :
BNA_F
ClientSampleId :
WC-PP01

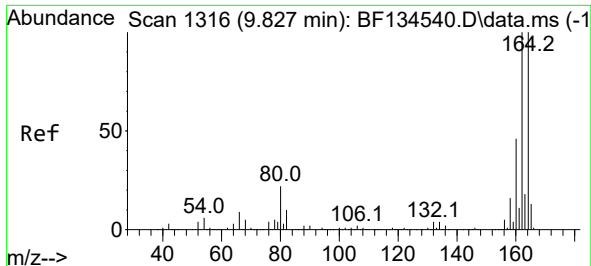
Tgt Ion: 82 Resp: 610651
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.878 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion: 122 Resp: 95
Ion Ratio Lower Upper
122 100
105 272.8 87.5 127.5#
77 798.5 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: BF134734.D

Acq: 11 Aug 2023 16:02

Instrument :

BNA_F

ClientSampleId :

WC-PP01

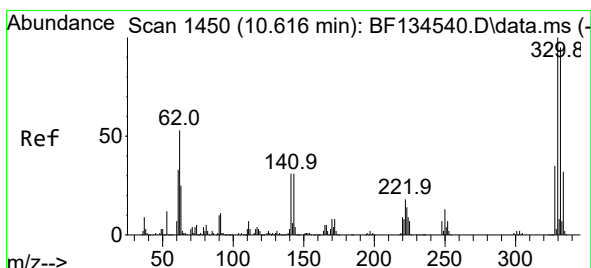
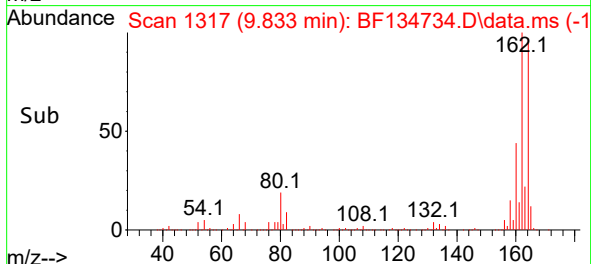
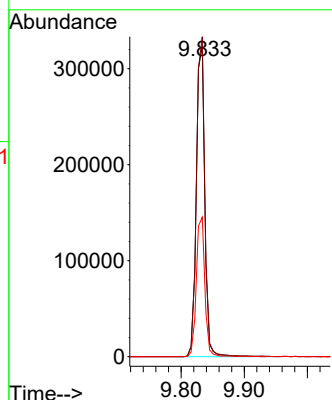
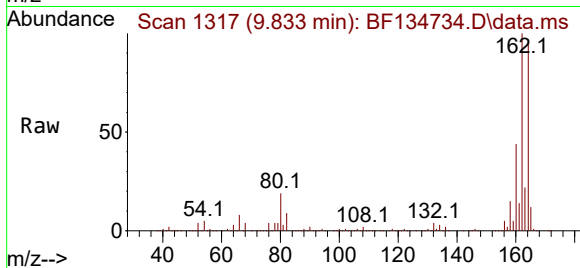
Tgt Ion:164 Resp: 299996

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

160 44.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 76.864 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

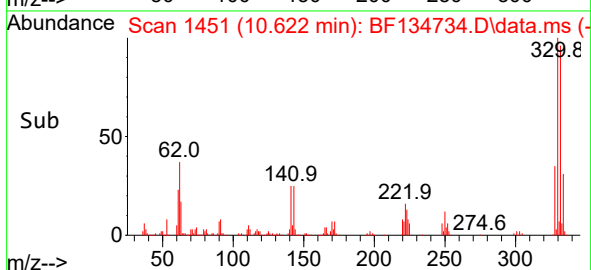
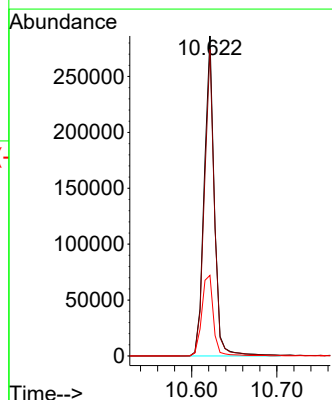
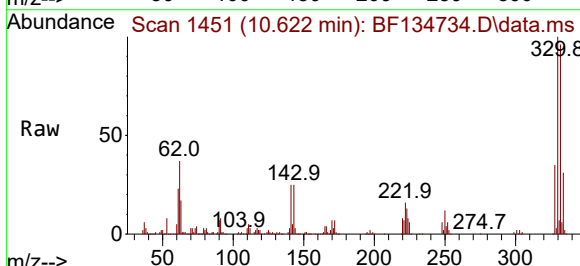
Tgt Ion:330 Resp: 235063

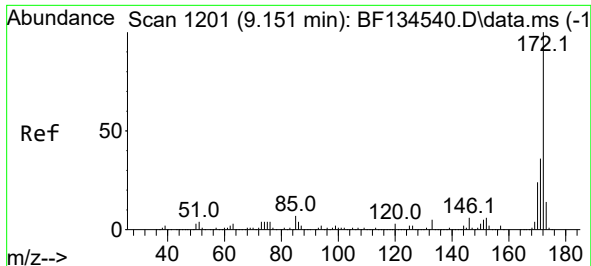
Ion Ratio Lower Upper

330 100

332 95.7 78.8 118.2

141 29.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.212 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

Instrument :

BNA_F

ClientSampleId :

WC-PP01

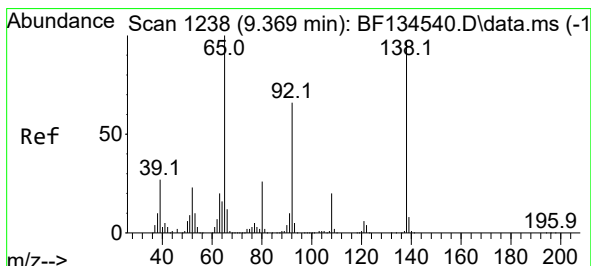
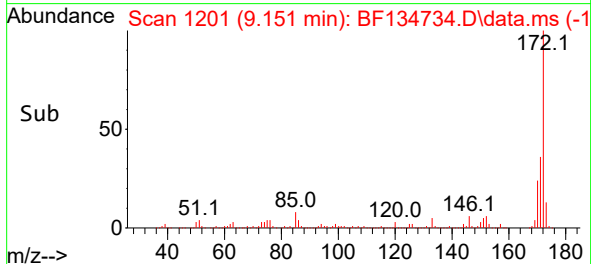
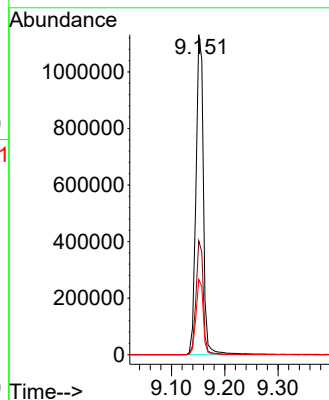
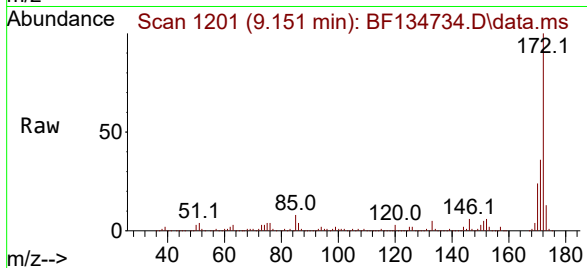
Tgt Ion:172 Resp: 1104438

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.280 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

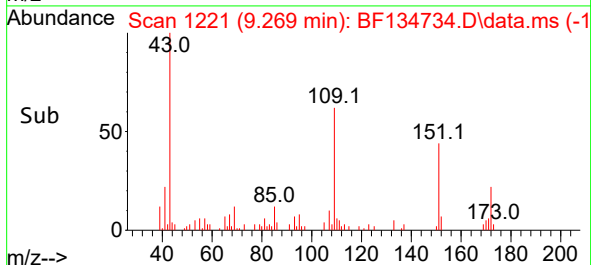
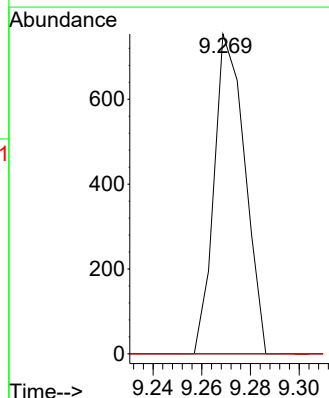
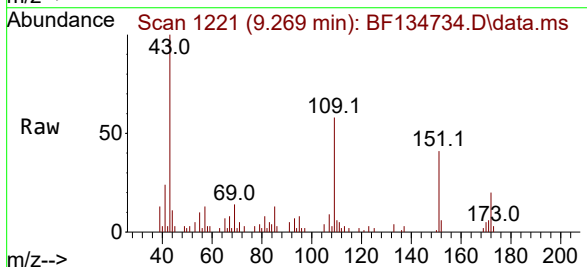
Tgt Ion: 65 Resp: 662

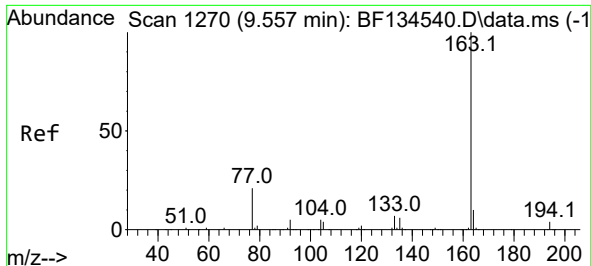
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

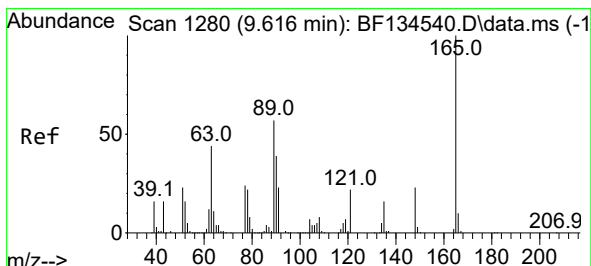
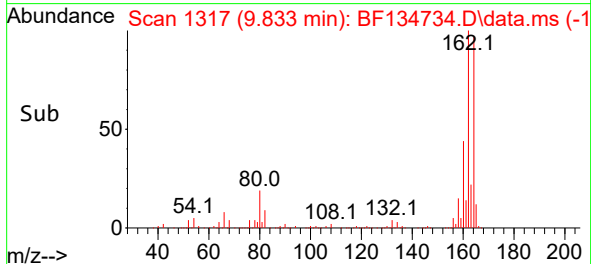
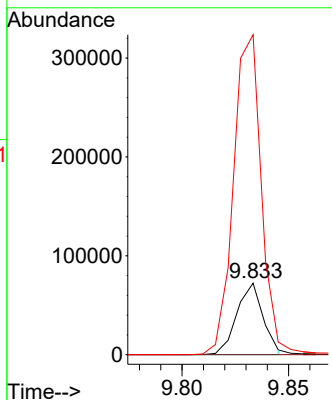
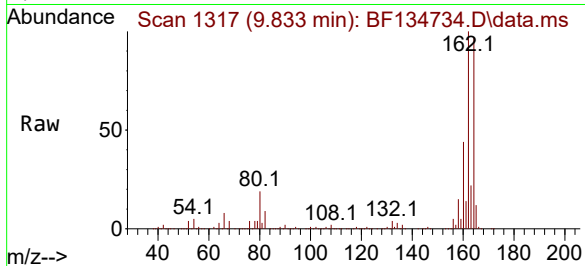




#50
Dimethylphthalate
Concen: 3.043 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

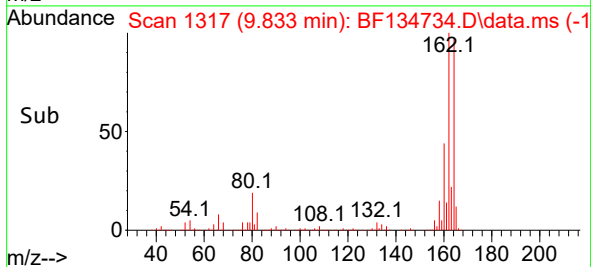
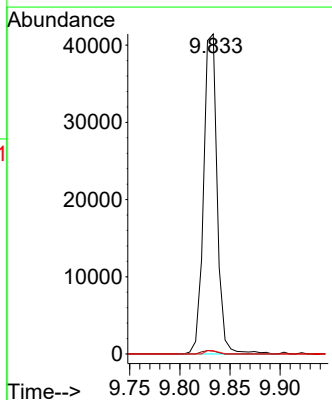
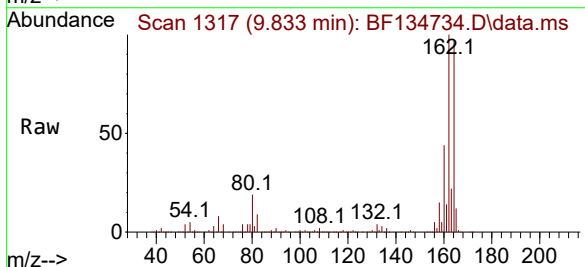
Instrument :
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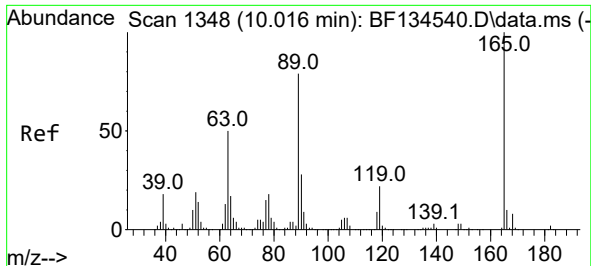
Tgt Ion:163 Resp: 62228
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 447.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.387 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion:165 Resp: 39294
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.0 51.8 77.8#

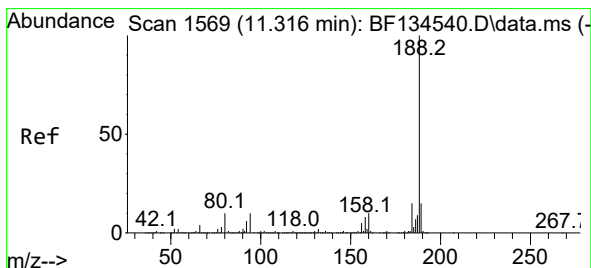
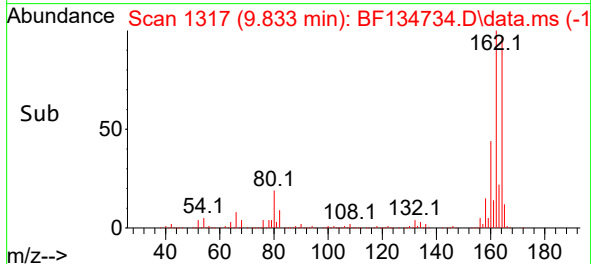
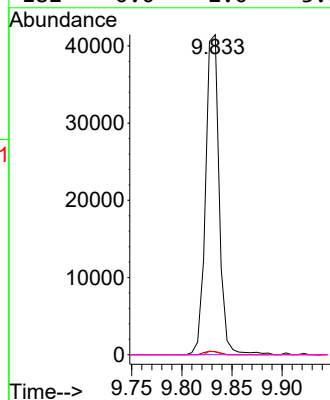
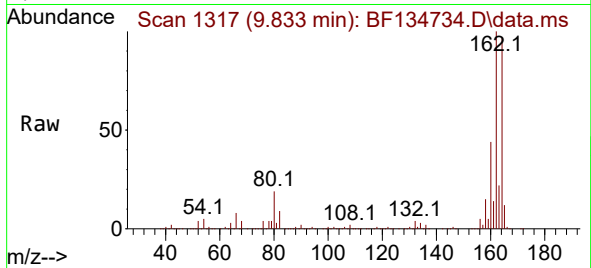




#57
2,4-Dinitrotoluene
Concen: 10.155 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

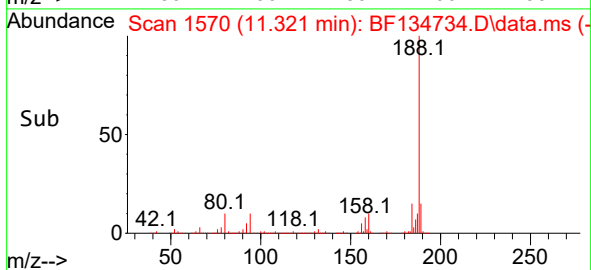
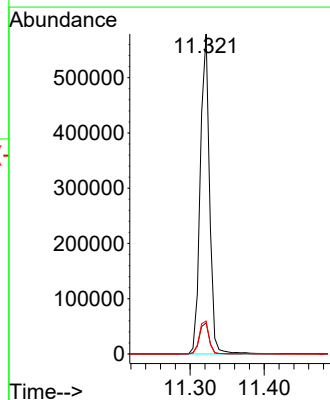
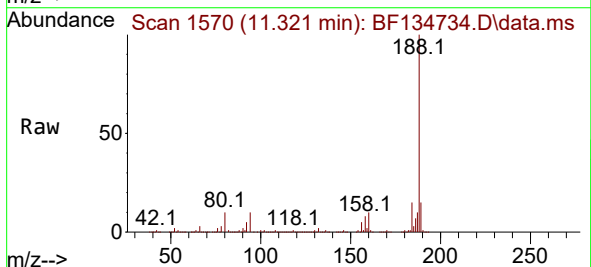
Instrument :
BNA_F
ClientSampleId :
WC-PP01

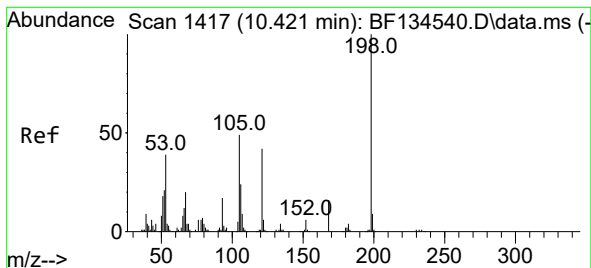
Tgt Ion:165 Resp: 39294
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion:188 Resp: 501406
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.3 6.6 9.8#

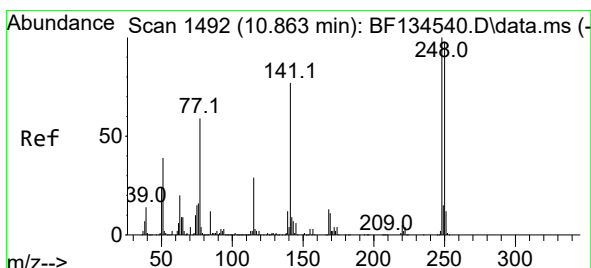
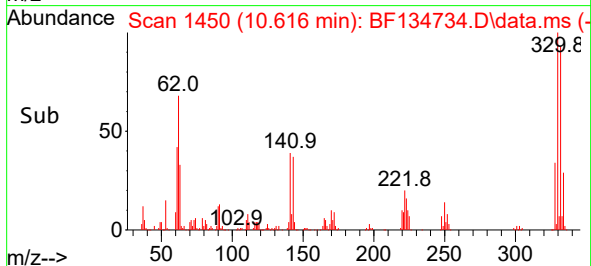
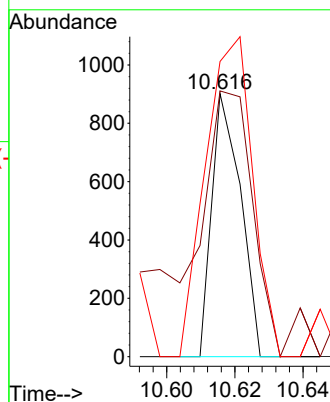
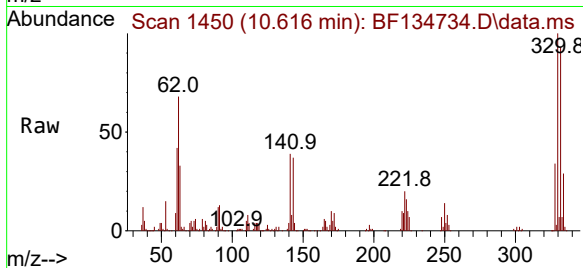




#65
4,6-Dinitro-2-methylphenol
Concen: 8.912 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

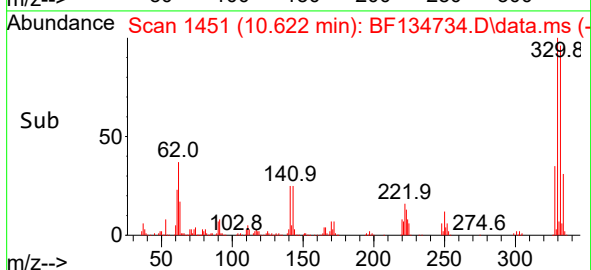
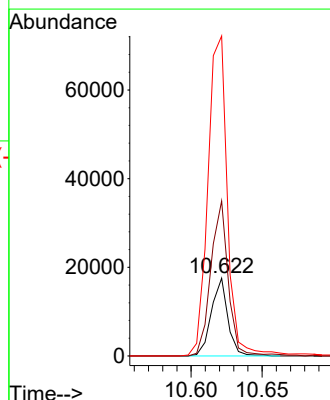
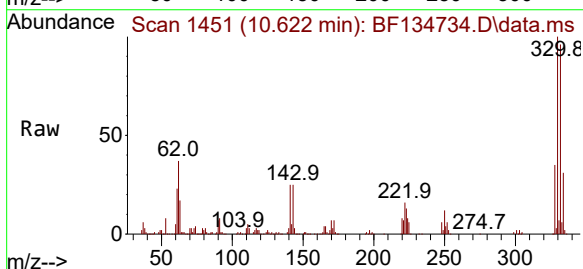
Instrument :
BNA_F
ClientSampleId :
WC-PP01

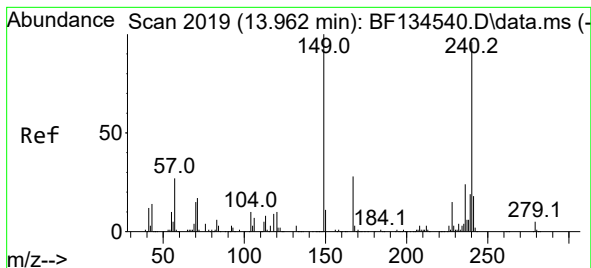
Tgt Ion:198 Resp: 527
Ion Ratio Lower Upper
198 100
51 101.0 38.6 78.6#
105 112.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.586 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134734.D
Acq: 11 Aug 2023 16:02

Tgt Ion:248 Resp: 14192
Ion Ratio Lower Upper
248 100
250 199.5 79.6 119.4#
141 411.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

Instrument :

BNA_F

ClientSampleId :

WC-PP01

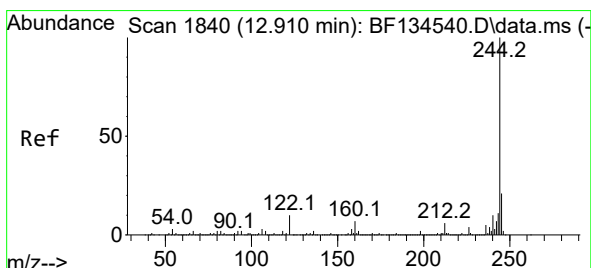
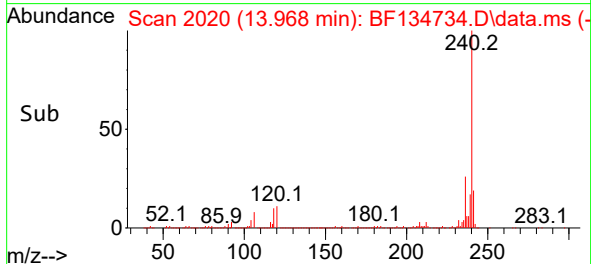
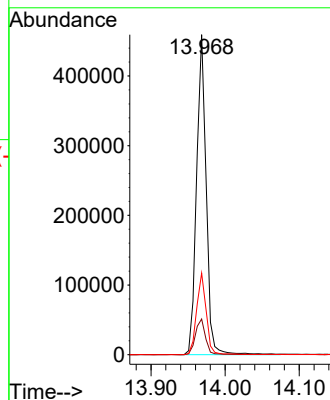
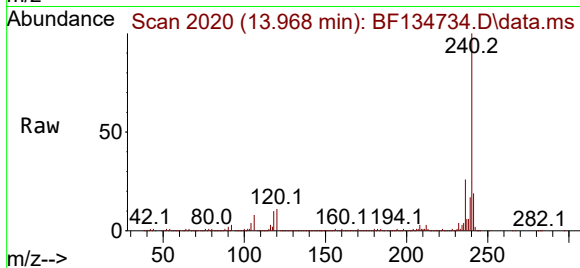
Tgt Ion:240 Resp: 414133

Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 25.5 20.2 30.2



#79

Terphenyl-d14

Concen: 51.351 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134734.D

Acq: 11 Aug 2023 16:02

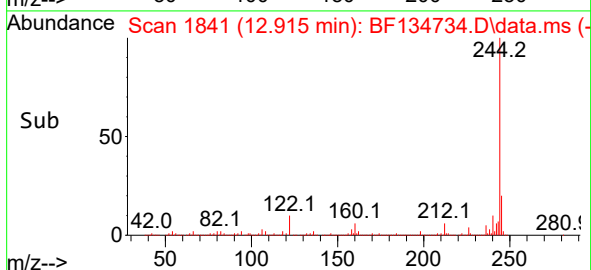
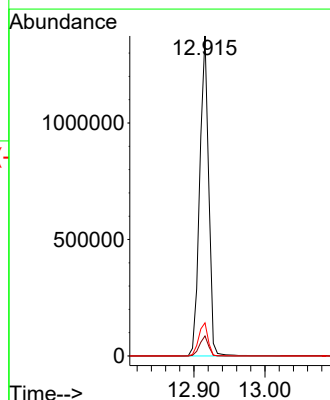
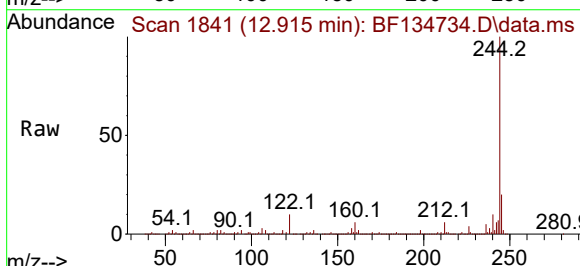
Tgt Ion:244 Resp: 1206339

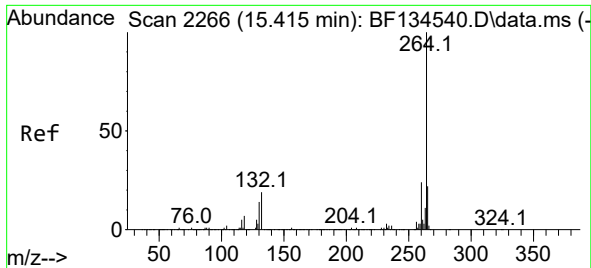
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF134734.D
 Acq: 11 Aug 2023 16:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-PP01

Tgt Ion:264 Resp: 311205
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 15.8 23.8

