

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134618.D
 Acq On : 03 Aug 2023 18:21
 Operator : CG\JU
 Sample : 03576-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-0-2-20230721

Quant Time: Aug 04 01:10:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

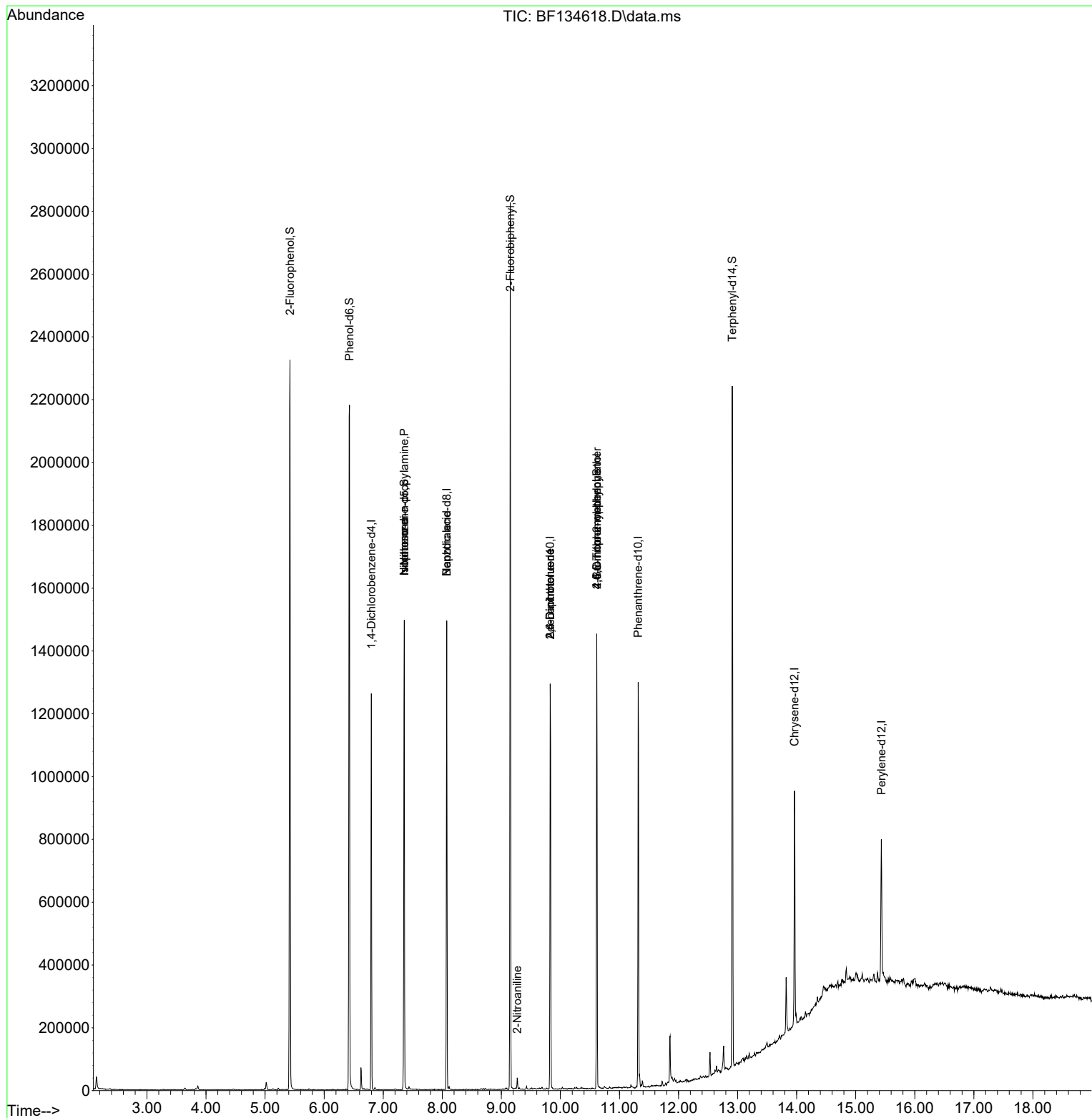
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	161426	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	568180	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	246970	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	447453	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	248334	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	211813	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	643697	60.615	ng	0.00
7) Phenol-d6	6.428	99	787249	57.993	ng	0.00
23) Nitrobenzene-d5	7.357	82	420089	46.205	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	161897	64.305	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	750310	50.514	ng	0.00
79) Terphenyl-d14	12.910	244	754004	53.525	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.346	77	126	Below Cal	#	26
19) n-Nitroso-di-n-propyla...	7.357	70	56470	6.948	ng	# 74
25) Isophorone	7.357	82	420083	21.184	ng	# 65
32) Benzoic acid	8.075	122	162	7.891	ng	# 1
48) 2-Nitroaniline	9.269	65	288	3.226	ng	# 8
51) 2,6-Dinitrotoluene	9.828	165	33413	11.680	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	33413	10.395	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	391	8.876	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	10000	2.042	ng	# 1

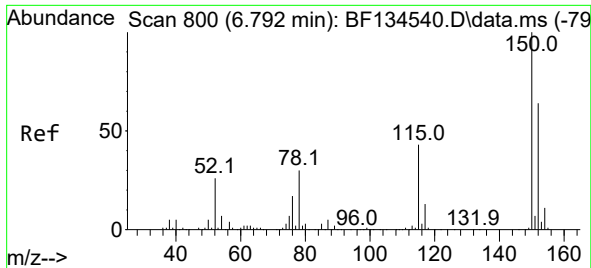
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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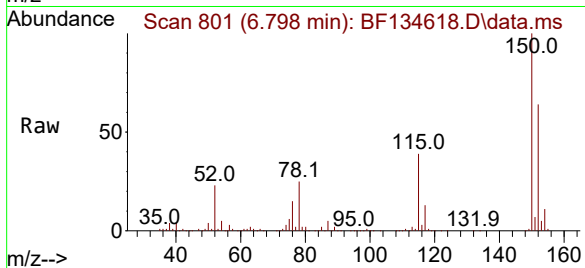
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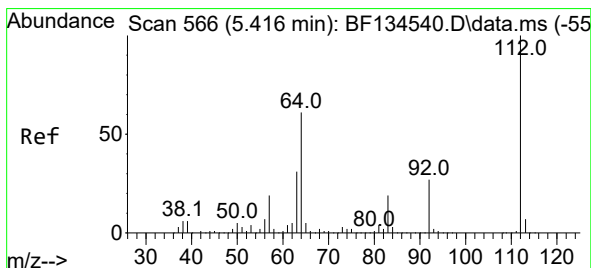
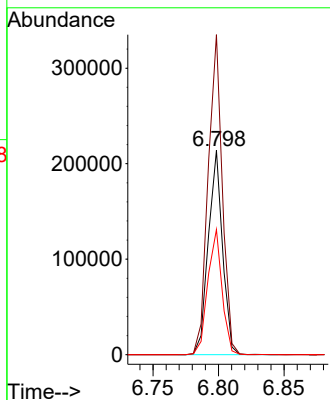
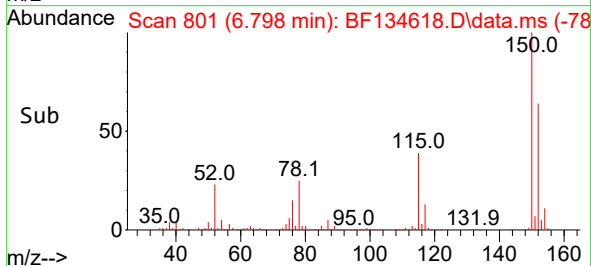


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

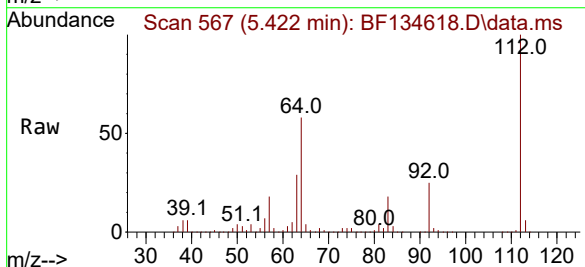
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



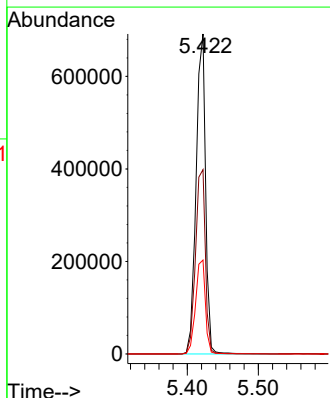
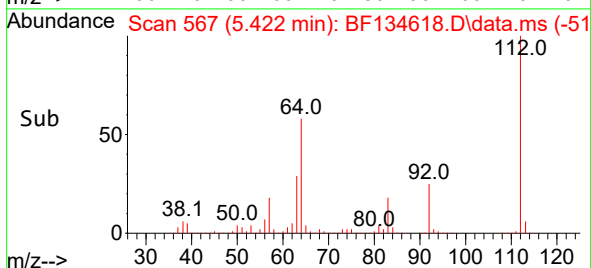
Tgt Ion:152 Resp: 161426
Ion Ratio Lower Upper
152 100
150 156.7 128.3 192.5
115 61.2 52.4 78.6

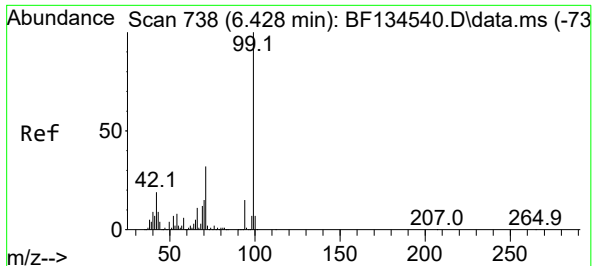


#5
2-Fluorophenol
Concen: 60.615 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21



Tgt Ion:112 Resp: 643697
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 29.4 25.4 38.0

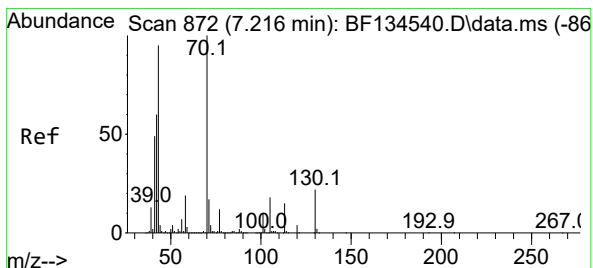
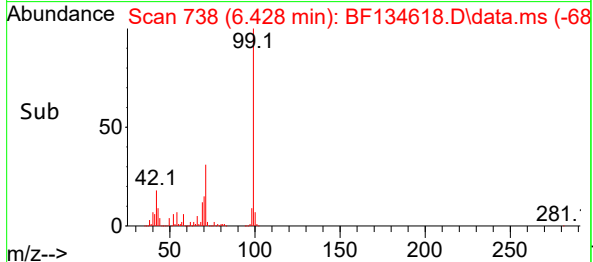
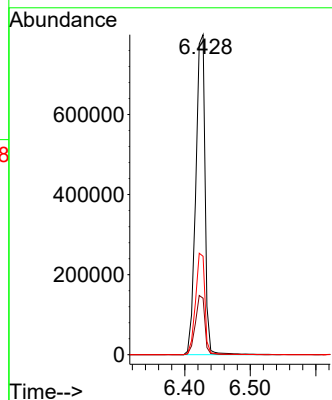
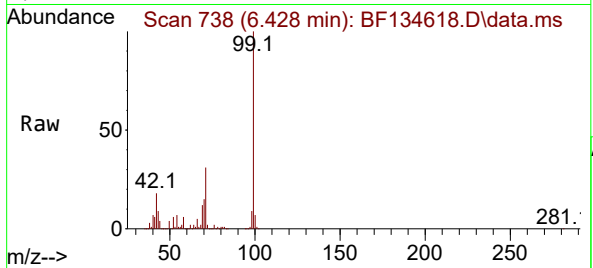




#7
Phenol-d6
Concen: 57.993 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

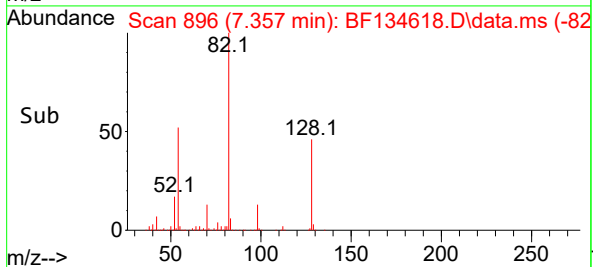
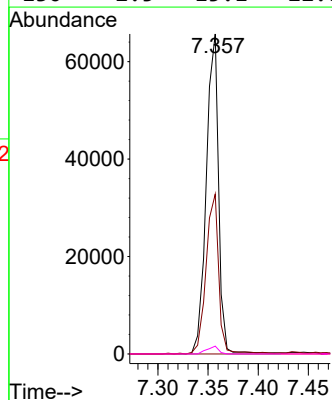
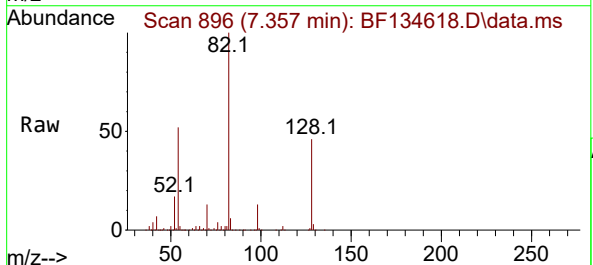
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721

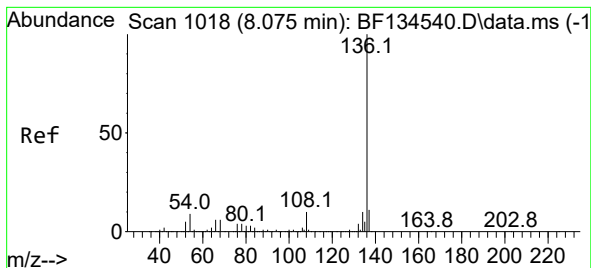
Tgt Ion: 99 Resp: 787249
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 30.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.948 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

Tgt Ion: 70 Resp: 56470
Ion Ratio Lower Upper
70 100
42 49.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF134618.D

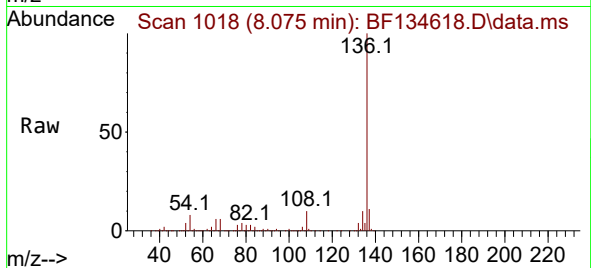
Acq: 03 Aug 2023 18:21

Instrument :

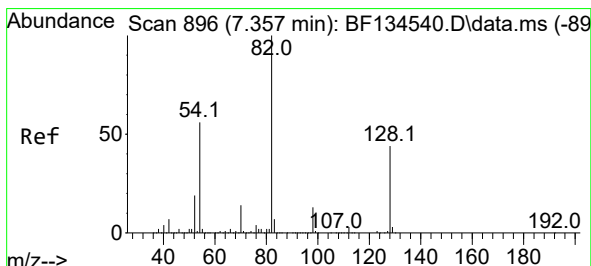
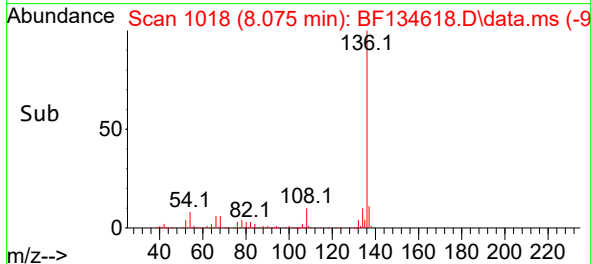
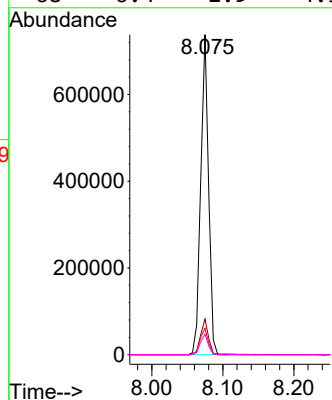
BNA_F

ClientSampleId :

SB-29-0-2-20230721



Tgt Ion:	136	Resp:	568180
Ion Ratio	100	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.2	5.2	7.8#
68	6.4	2.9	4.3#



#23

Nitrobenzene-d5

Concen: 46.205 ng

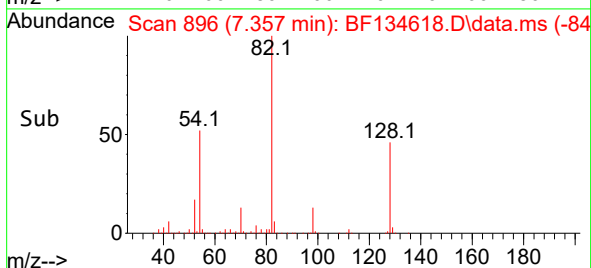
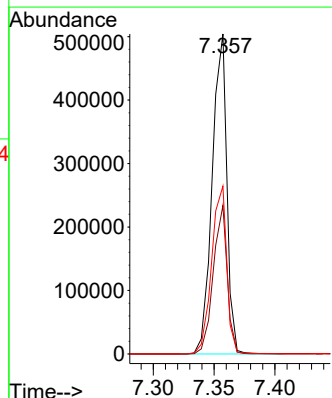
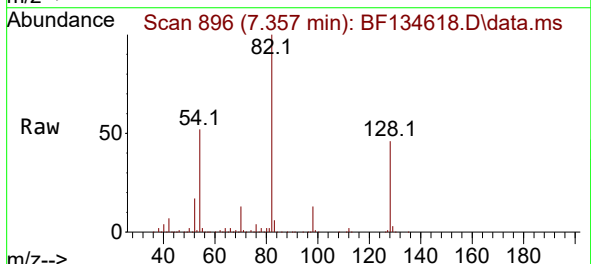
RT: 7.357 min Scan# 896

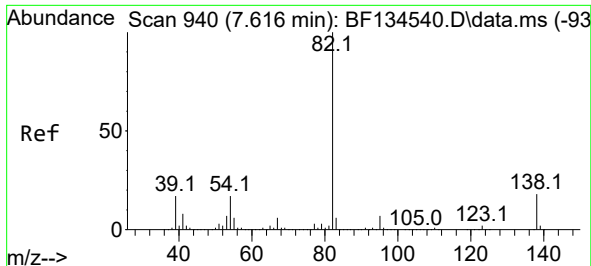
Delta R.T. 0.000 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:21

Tgt Ion:	82	Resp:	420089
Ion Ratio	100	Lower	Upper
82	100		
128	46.4	34.3	51.5
54	52.5	43.8	65.6

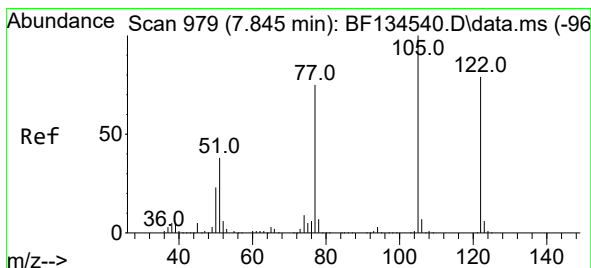
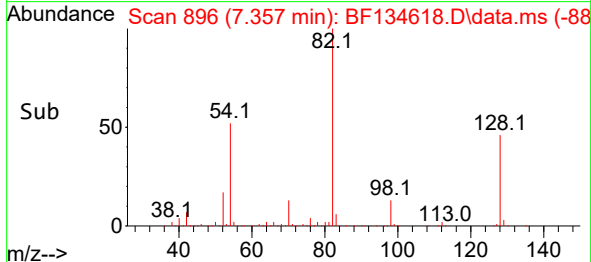
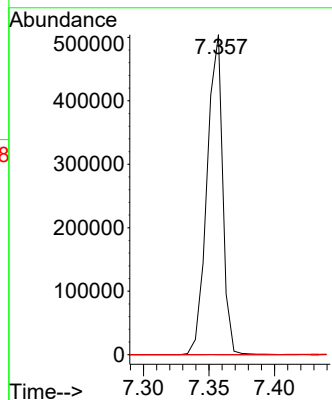
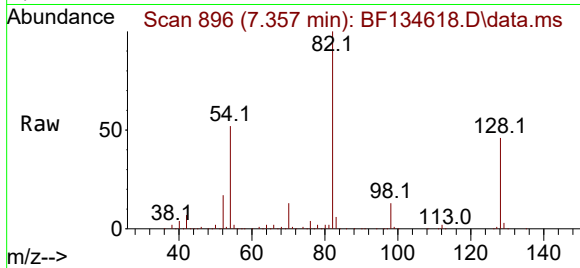




#25
Isophorone
Concen: 21.184 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

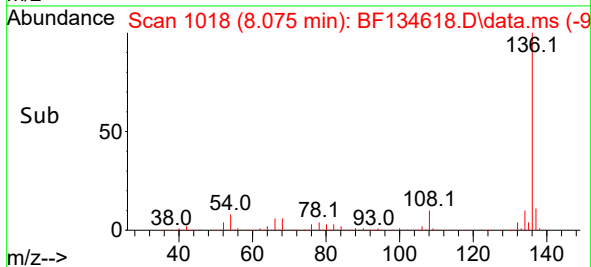
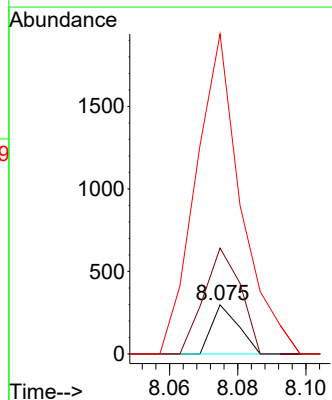
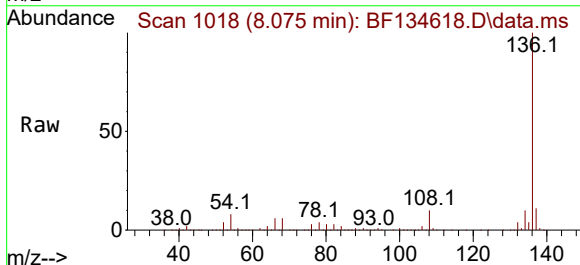
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721

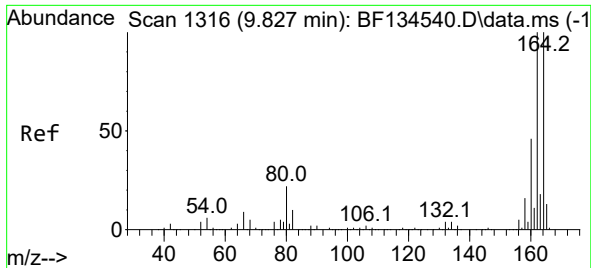
Tgt Ion: 82 Resp: 420083
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.891 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.230 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 215.4 87.5 127.5#
77 650.7 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:21

Instrument :

BNA_F

ClientSampleId :

SB-29-0-2-20230721

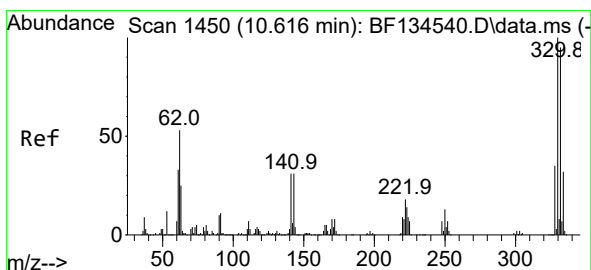
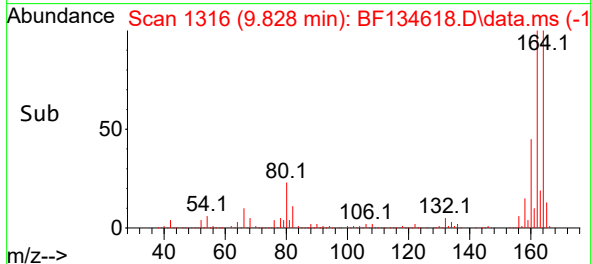
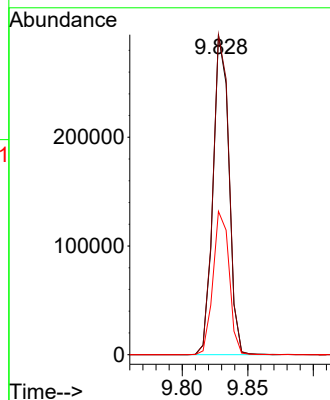
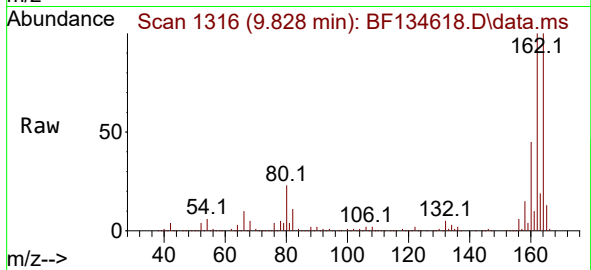
Tgt Ion:164 Resp: 246970

Ion Ratio Lower Upper

164 100

162 100.1 82.6 123.8

160 44.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 64.305 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:21

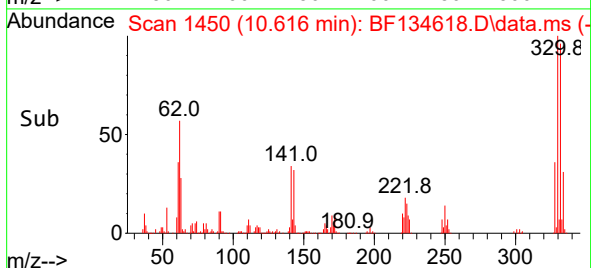
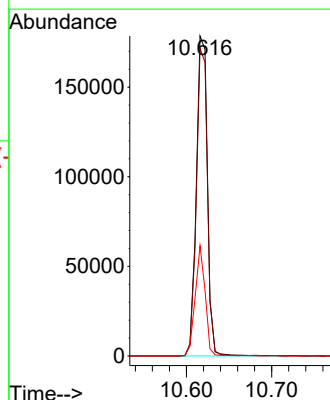
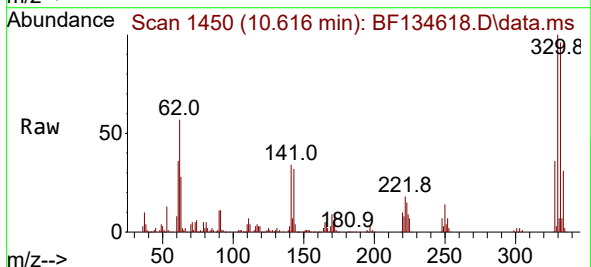
Tgt Ion:330 Resp: 161897

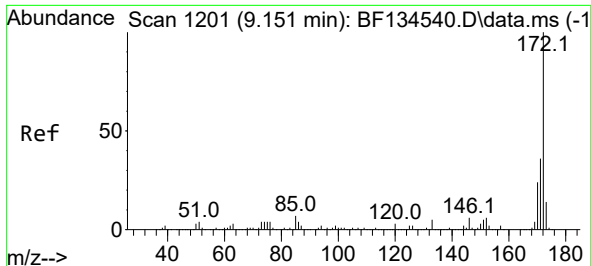
Ion Ratio Lower Upper

330 100

332 95.4 78.8 118.2

141 30.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 50.514 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:21

Instrument :

BNA_F

ClientSampleId :

SB-29-0-2-20230721

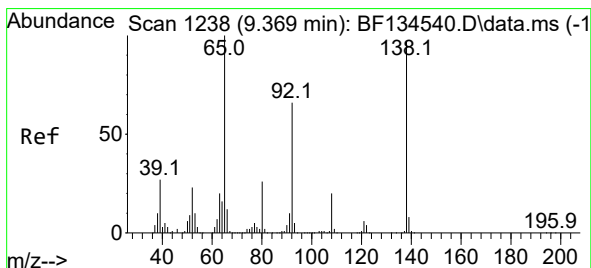
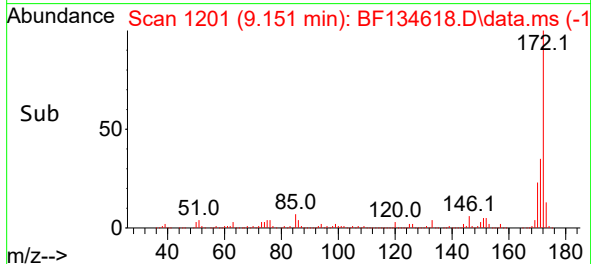
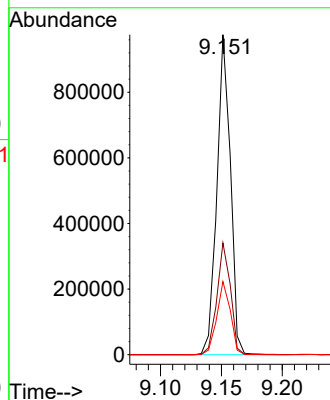
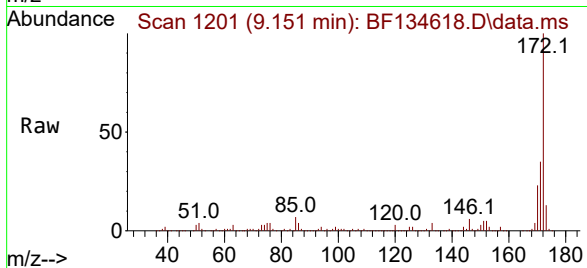
Tgt Ion:172 Resp: 750310

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 22.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.226 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:21

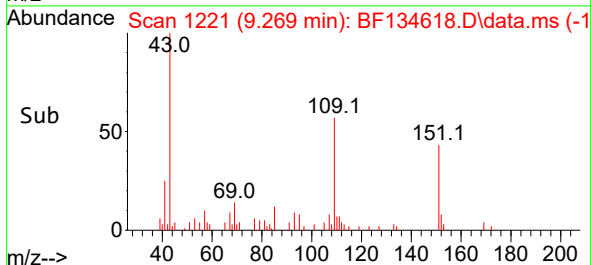
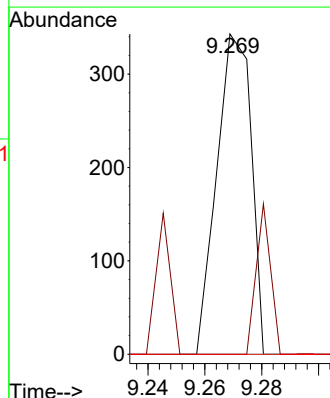
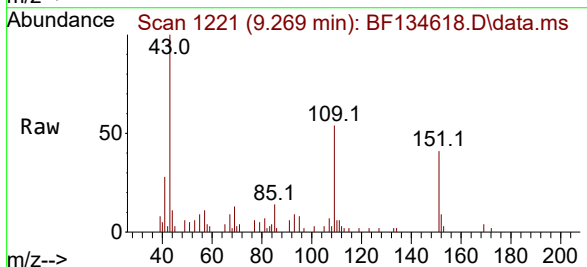
Tgt Ion: 65 Resp: 288

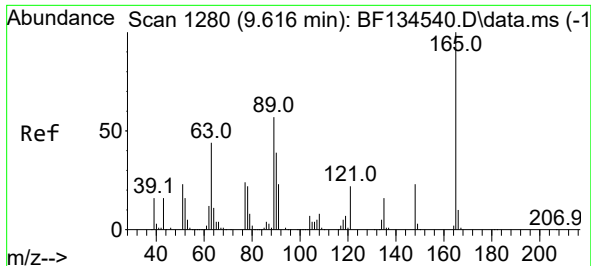
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

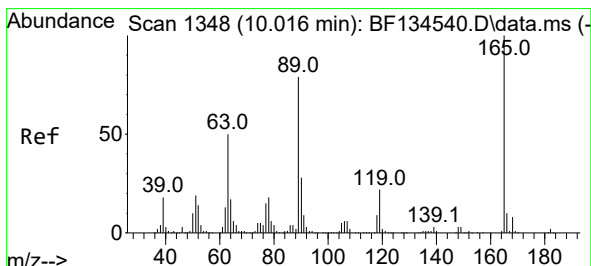
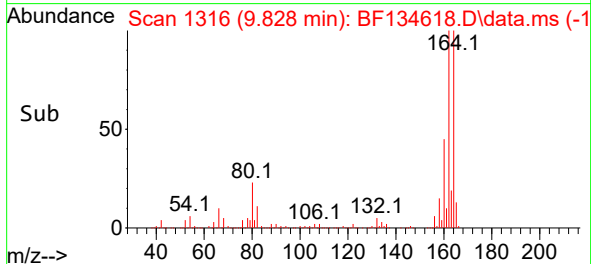
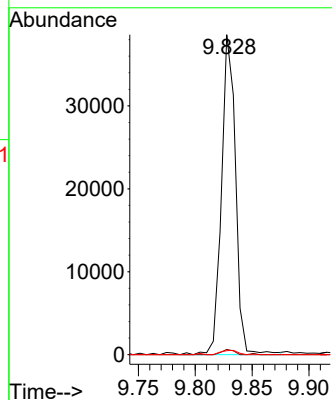
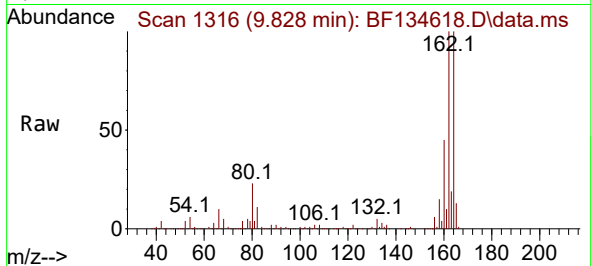




#51
2,6-Dinitrotoluene
Concen: 11.680 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

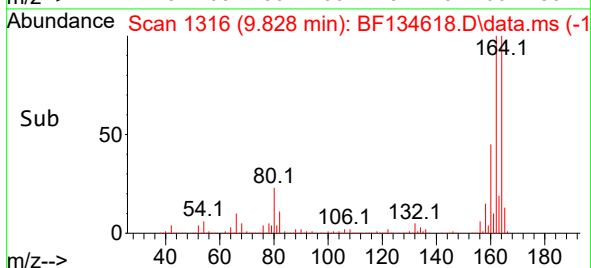
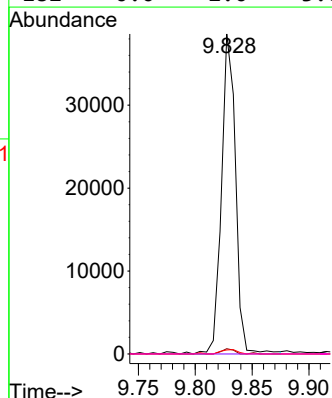
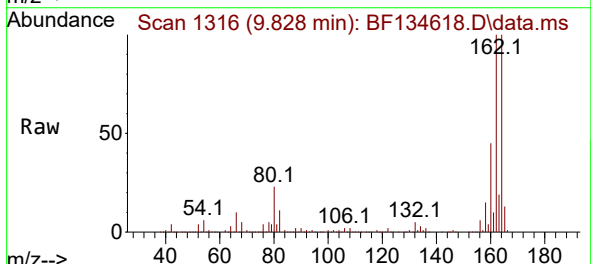
Instrument :
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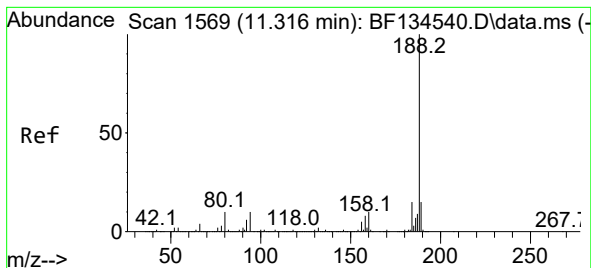
Tgt Ion:165 Resp: 33413
Ion Ratio Lower Upper
165 100
63 1.6 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.395 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

Tgt Ion:165 Resp: 33413
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

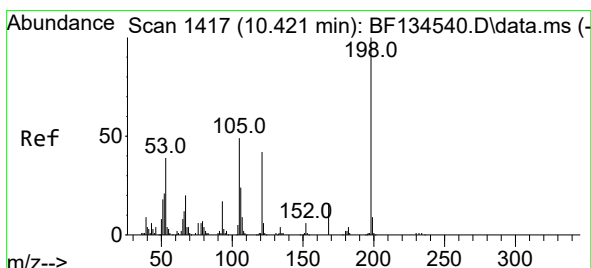
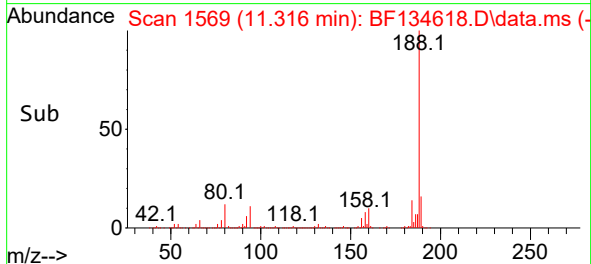
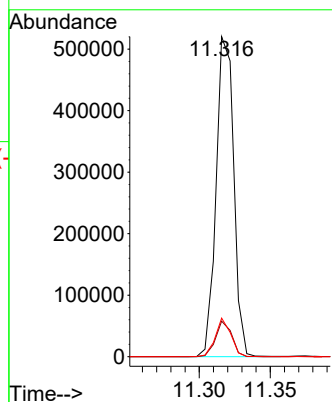
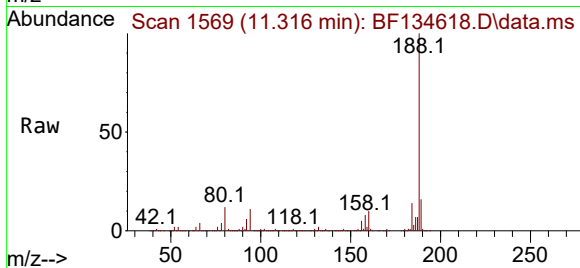




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

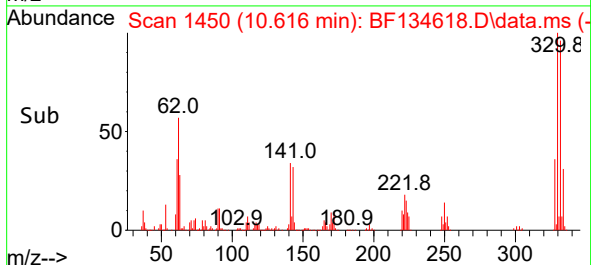
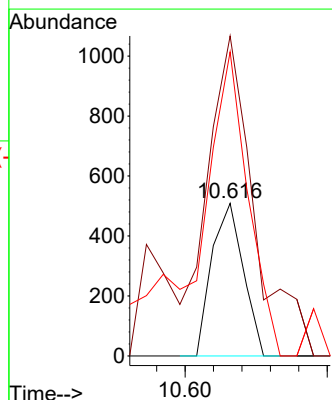
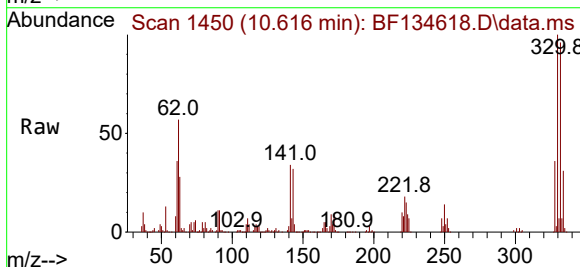
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721

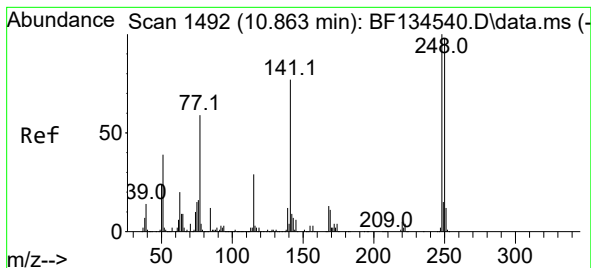
Tgt Ion:188 Resp: 447453
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7#
80 12.0 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.876 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.195 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

Tgt Ion:198 Resp: 391
Ion Ratio Lower Upper
198 100
51 209.6 38.6 78.6#
105 199.2 27.9 67.9#

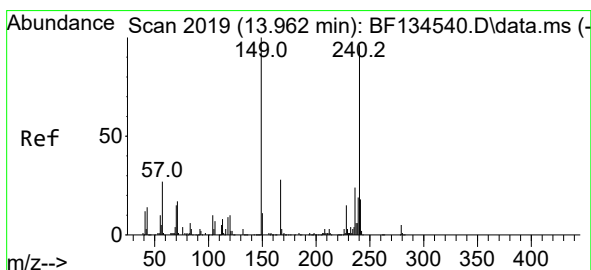
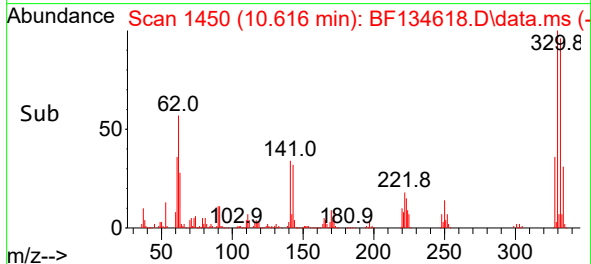
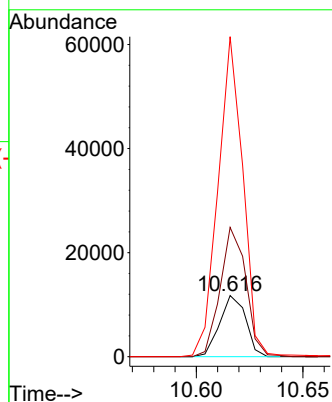
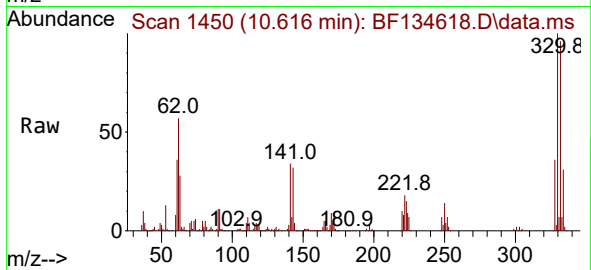




#67
4-Bromophenyl-phenylether
Concen: 2.042 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

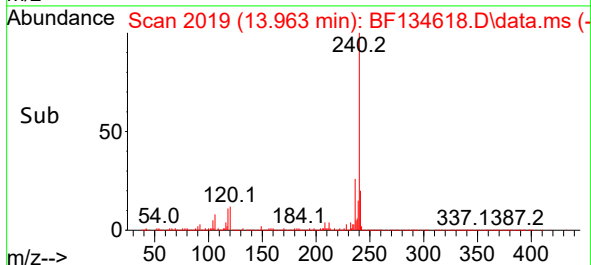
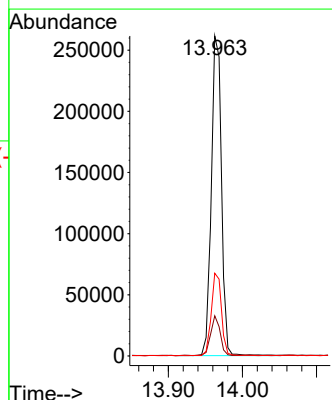
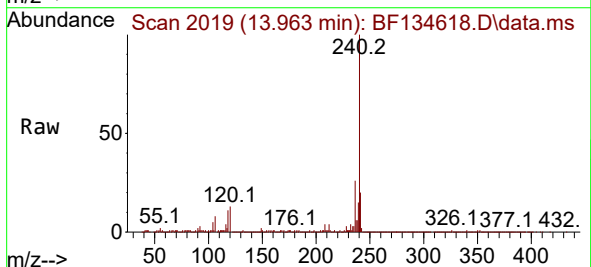
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721

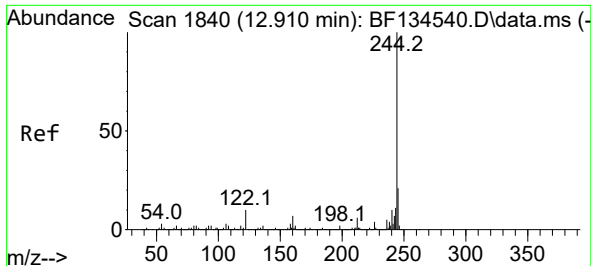
Tgt Ion:248 Resp: 10000
Ion Ratio Lower Upper
248 100
250 211.8 79.6 119.4#
141 524.0 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:21

Tgt Ion:240 Resp: 248334
Ion Ratio Lower Upper
240 100
120 12.6 6.6 10.0#
236 25.9 20.2 30.2

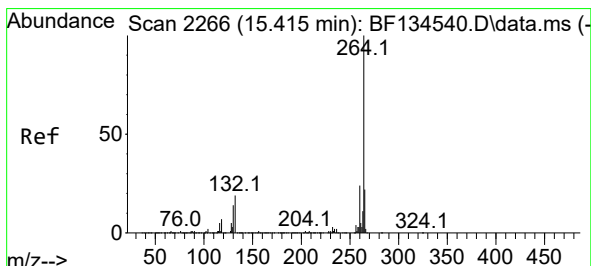
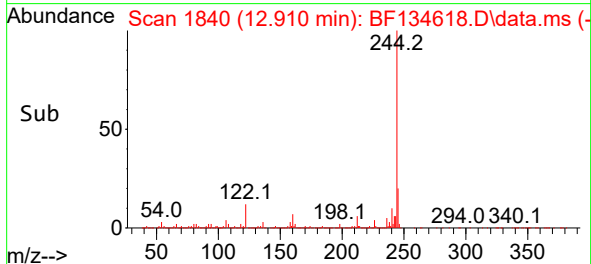
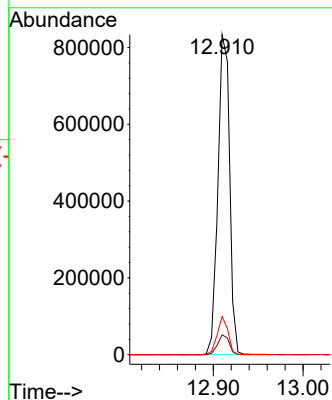
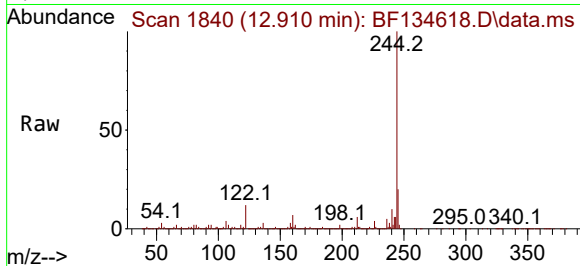




#79
 Terphenyl-d14
 Concen: 53.525 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134618.D
 Acq: 03 Aug 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-0-2-20230721

Tgt Ion:244 Resp: 754004
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 11.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. 0.018 min
 Lab File: BF134618.D
 Acq: 03 Aug 2023 18:21

Tgt Ion:264 Resp: 211813
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.4 15.8 23.8

