

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134868.D
 Acq On : 21 Aug 2023 15:24
 Operator : CG\JU
 Sample : 04086-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP17A

Quant Time: Aug 22 03:19:34 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)

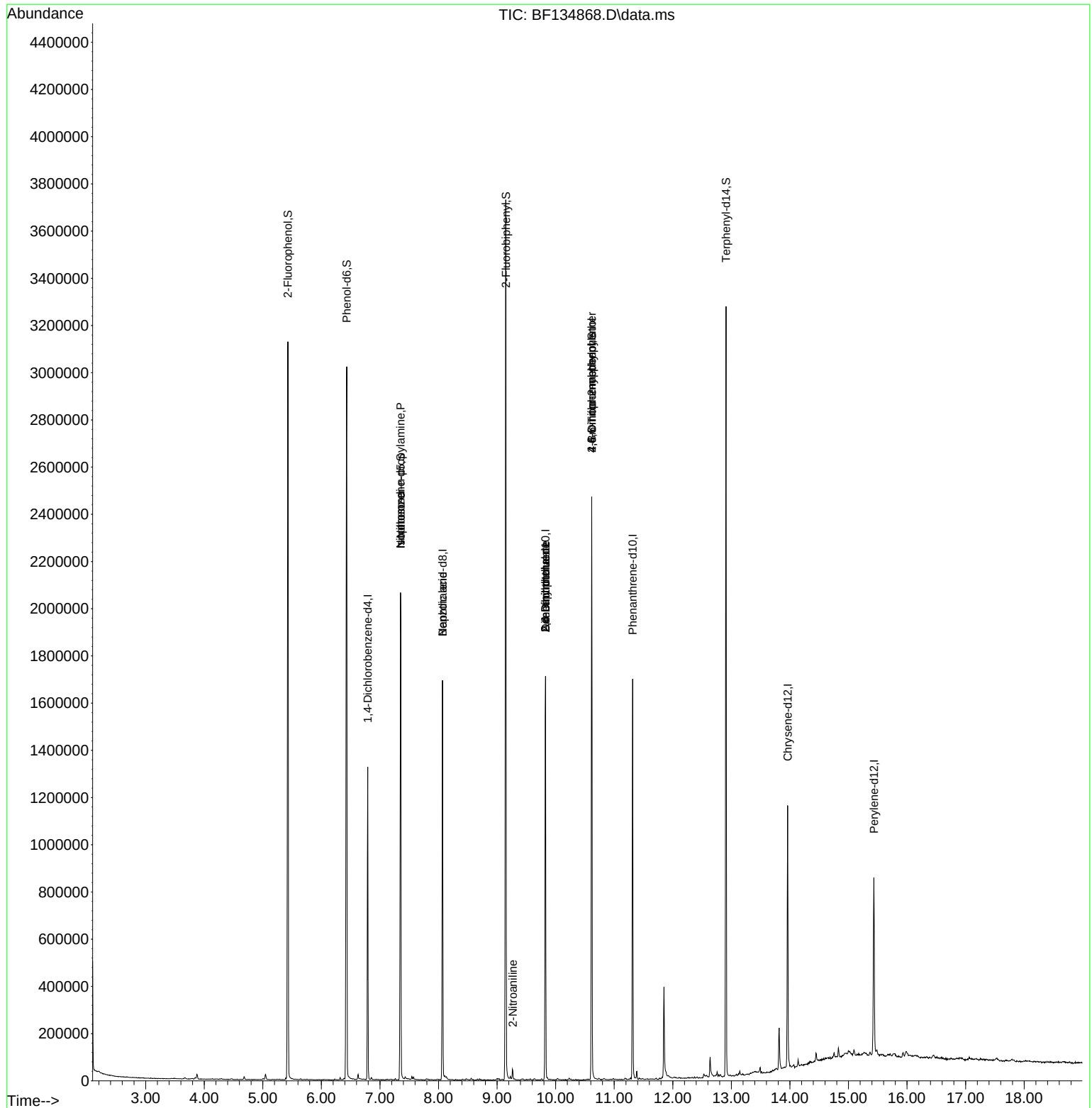
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	174429	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	712410	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	352708	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	578376	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	366064	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	346976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	921995	80.349	ng	0.00
7) Phenol-d6	6.434	99	1170718	79.812	ng	0.00
23) Nitrobenzene-d5	7.351	82	737540	64.697	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	314535	87.480	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1307088	61.617	ng	-0.01
79) Terphenyl-d14	12.910	244	1103336	53.134	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	229	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.351	70	98695	11.238	ng	# 71
25) Isophorone	7.351	82	727817	29.272	ng	# 65
32) Benzoic acid	8.069	122	53	7.873	ng	# 1
48) 2-Nitroaniline	9.269	65	409	3.226	ng	# 8
50) Dimethylphthalate	9.827	163	75983	3.161	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	46077	11.364	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	46077	10.136	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	634	8.921	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	19536	3.086	ng	# 1

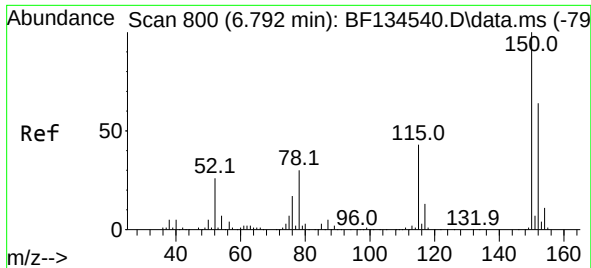
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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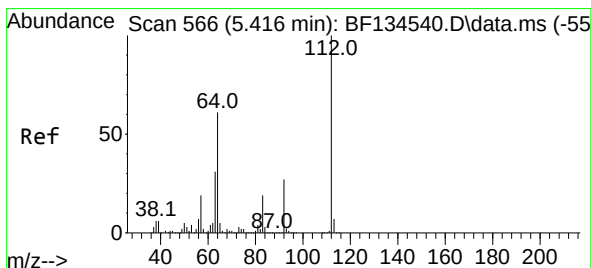
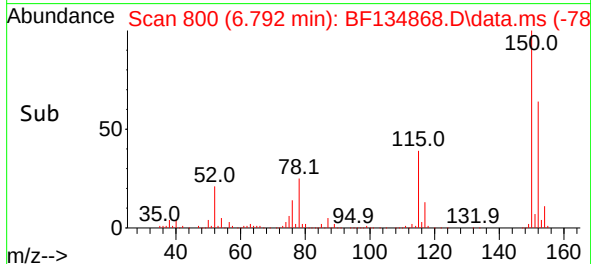
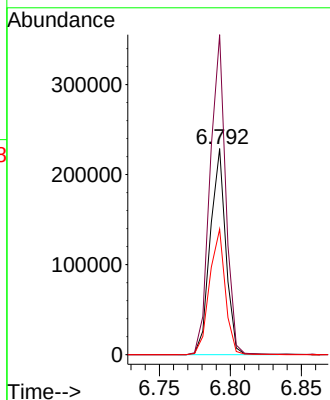
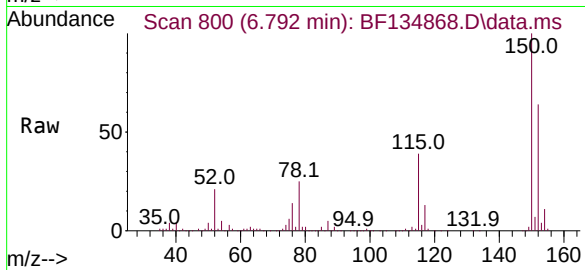




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

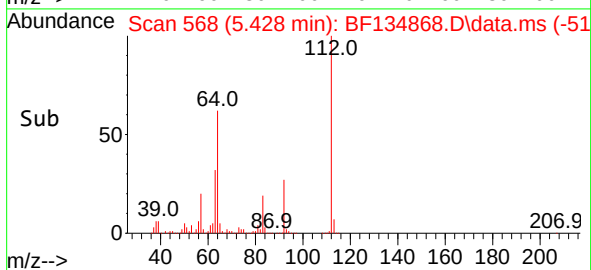
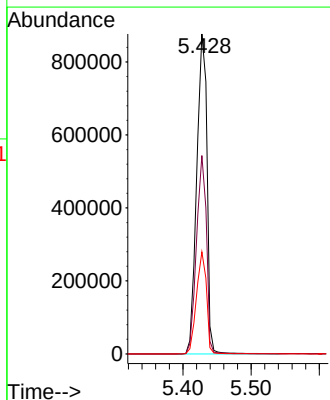
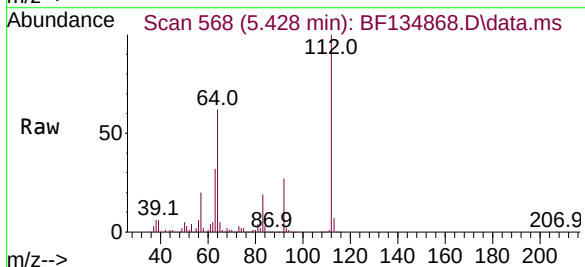
Instrument :
BNA_F
ClientSampleId :
B-PP17A

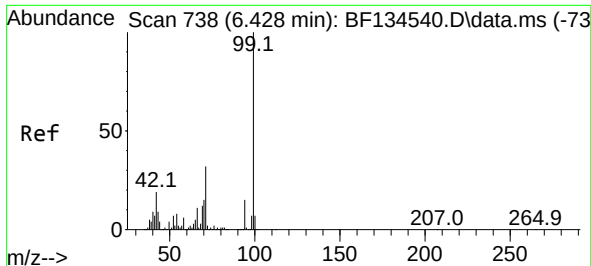
Tgt Ion:152 Resp: 174429
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 60.8 52.4 78.6



#5
2-Fluorophenol
Concen: 80.349 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:112 Resp: 921995
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 31.9 25.4 38.0

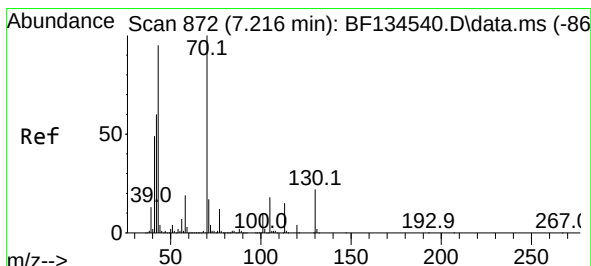
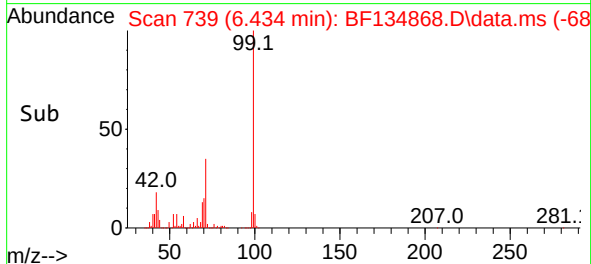
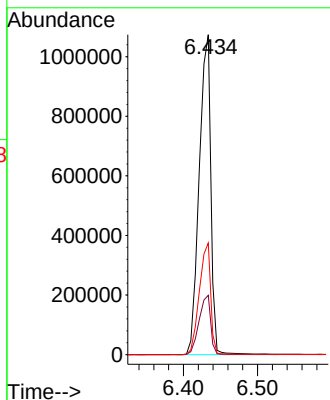
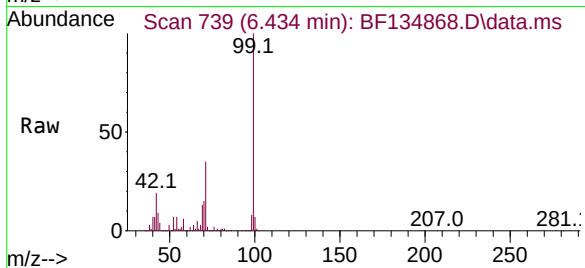




#7
Phenol-d6
Concen: 79.812 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

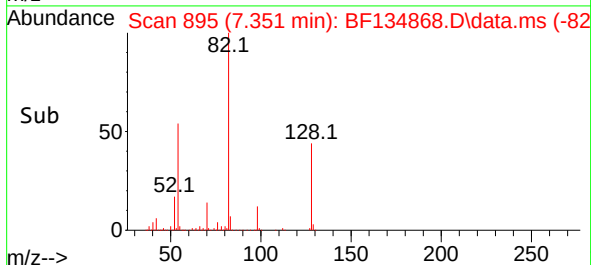
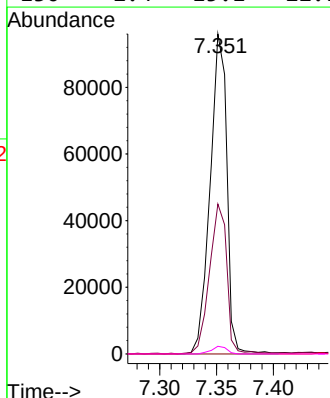
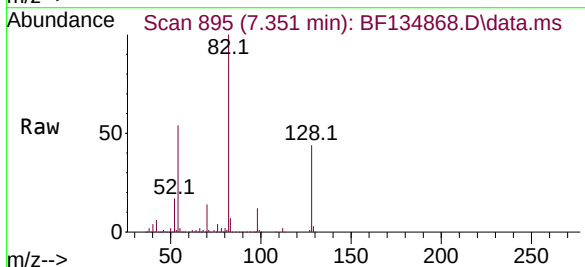
Instrument :
BNA_F
ClientSampleId :
B-PP17A

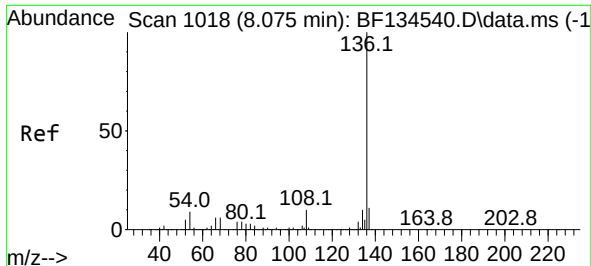
Tgt Ion: 99 Resp: 1170718
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 34.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.238 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion: 70 Resp: 98695
Ion Ratio Lower Upper
70 100
42 46.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#



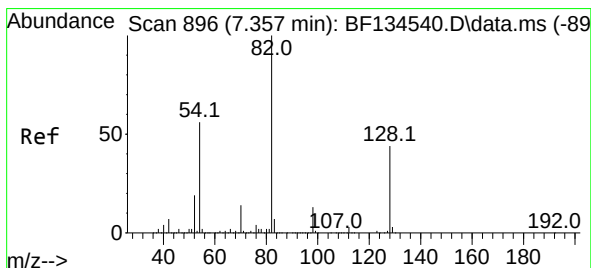
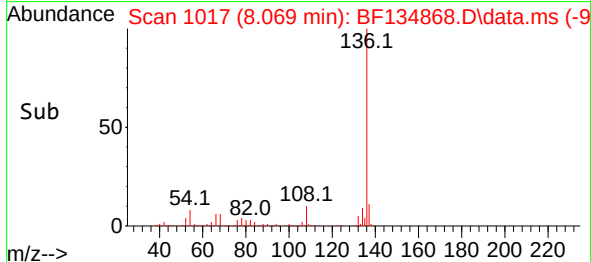
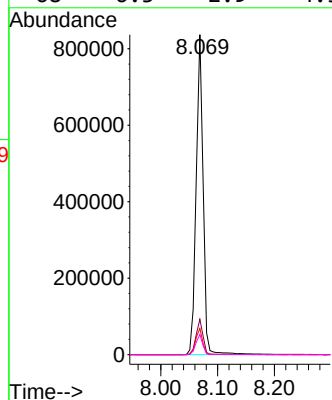
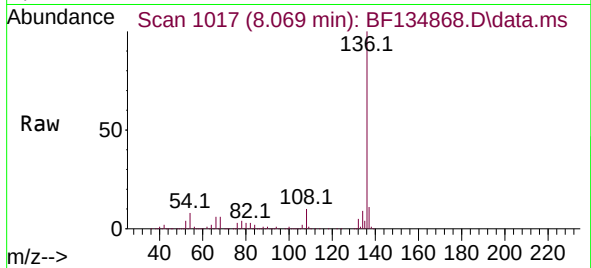


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Instrument :
BNA_F
ClientSampleId :
B-PP17A

Tgt Ion:136 Resp: 712410

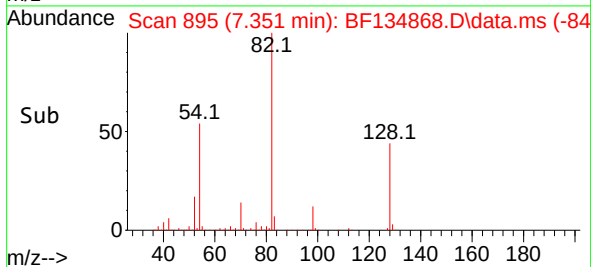
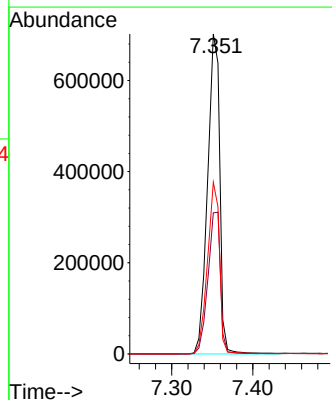
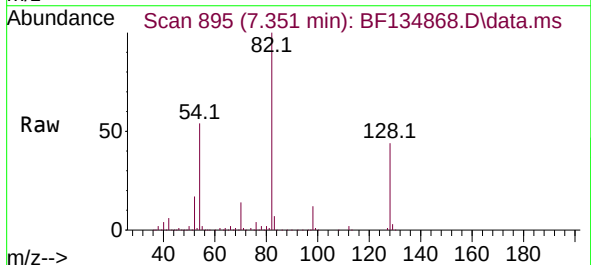
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	5.2	7.8#
68	6.3	2.9	4.3#

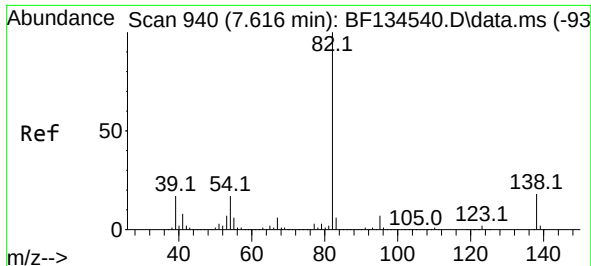


#23
Nitrobenzene-d5
Concen: 64.697 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion: 82 Resp: 737540

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.3	51.5
54	53.6	43.8	65.6

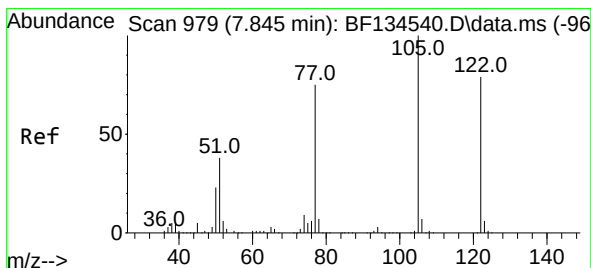
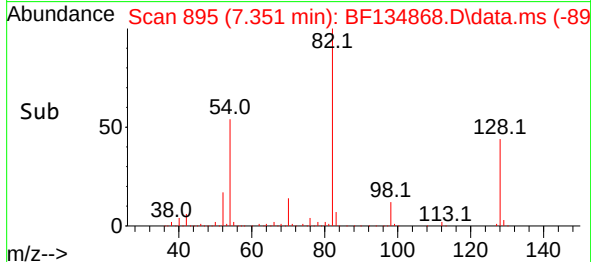
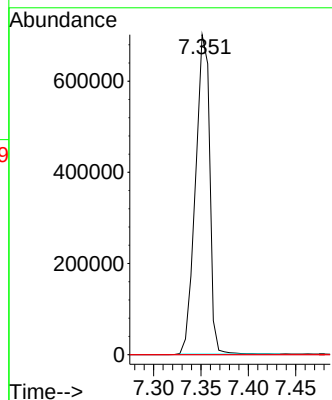
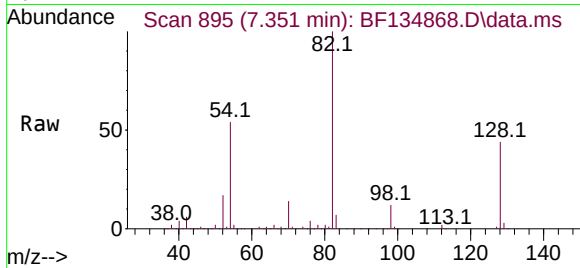




#25
Isophorone
Concen: 29.272 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

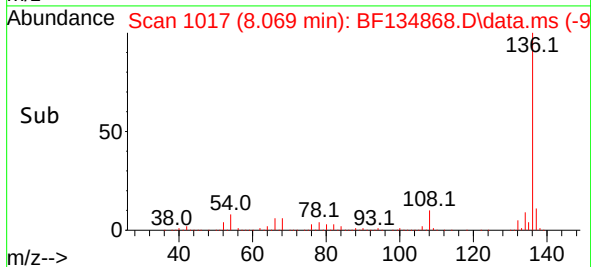
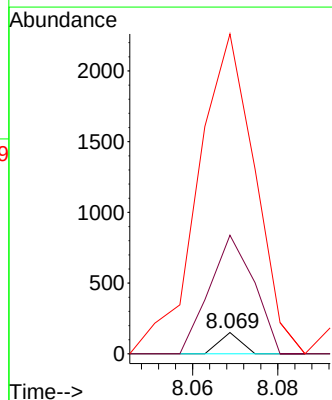
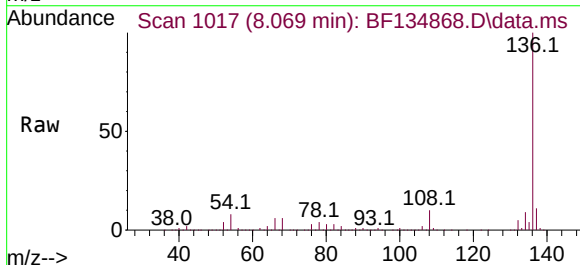
Instrument :
BNA_F
ClientSampleId :
B-PP17A

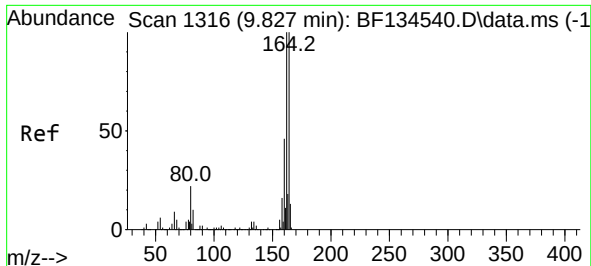
Tgt Ion: 82 Resp: 727817
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.873 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 555.6 87.5 127.5#
77 1498.0 71.4 111.4#

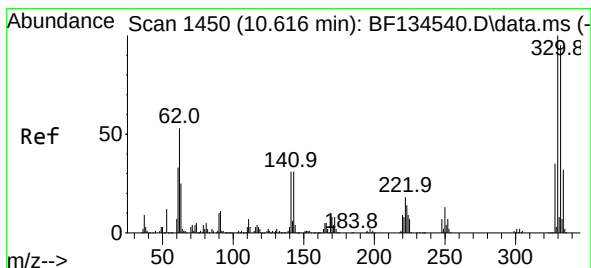
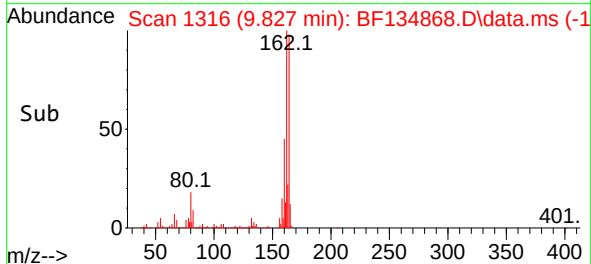
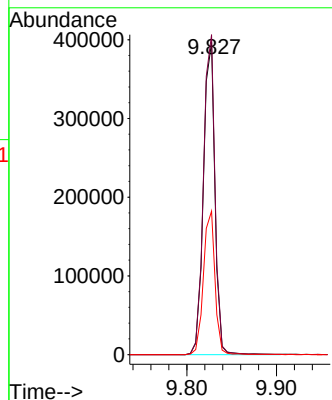
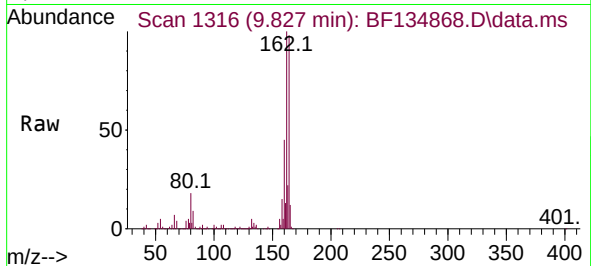




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

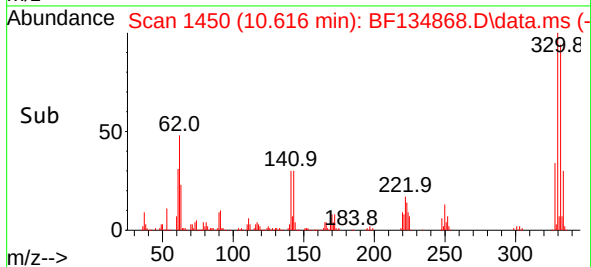
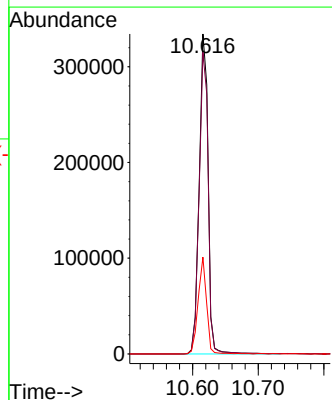
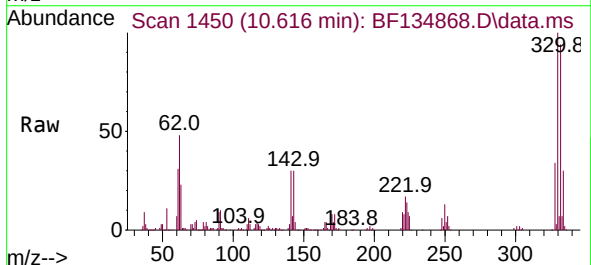
Instrument :
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ClientSampleId :
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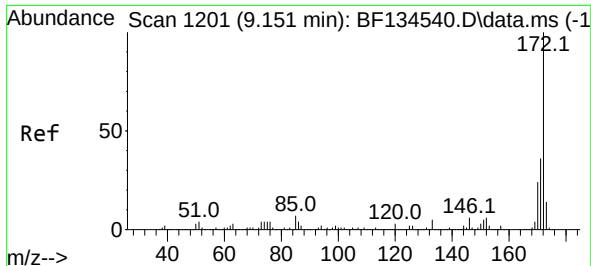
Tgt Ion:164 Resp: 352708
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 45.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 87.480 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:330 Resp: 314535
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 28.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.617 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

Instrument :

BNA_F

ClientSampleId :

B-PP17A

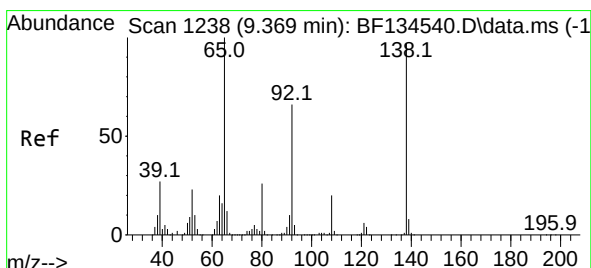
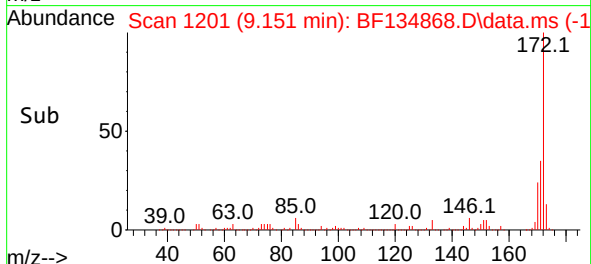
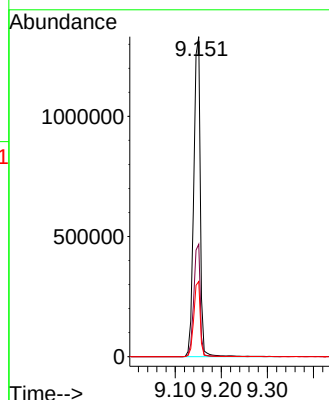
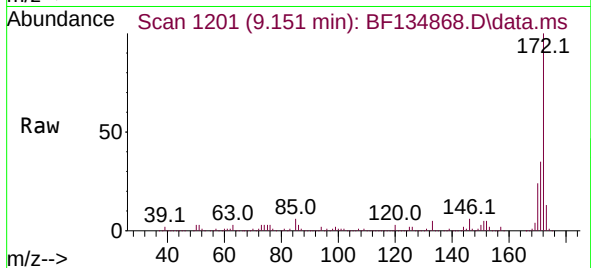
Tgt Ion:172 Resp: 1307088

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.226 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

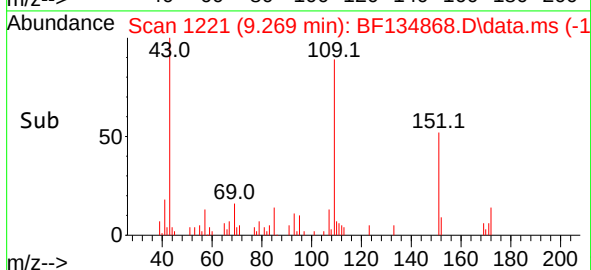
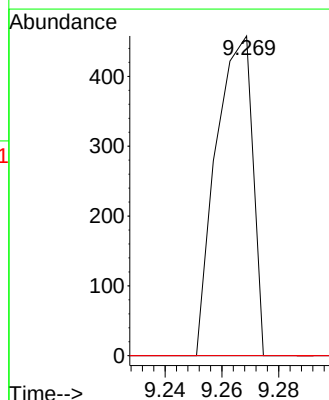
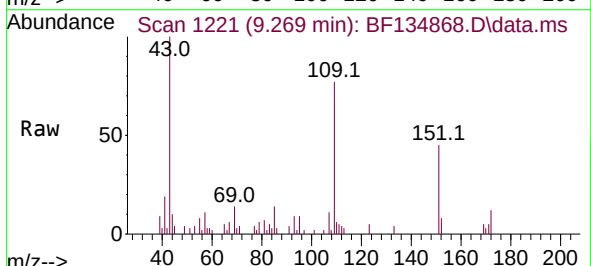
Tgt Ion: 65 Resp: 409

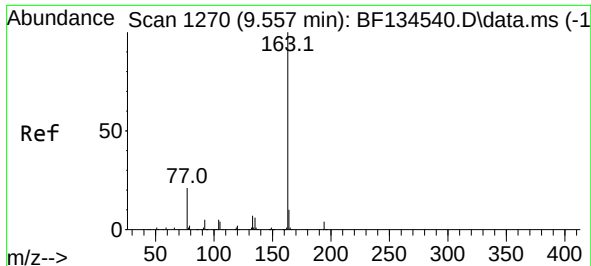
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

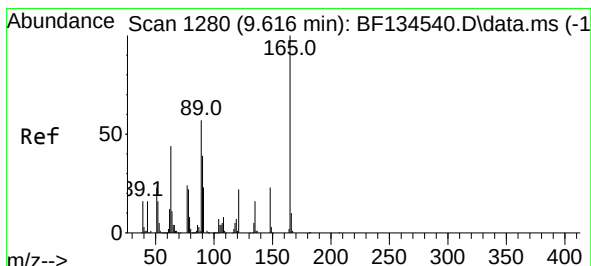
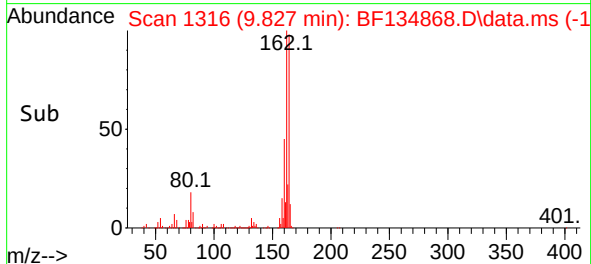
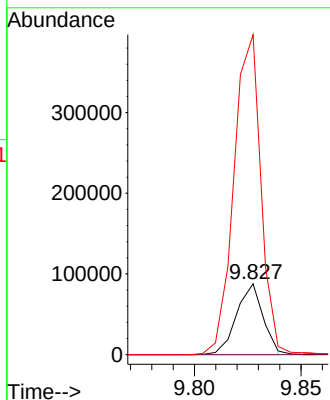
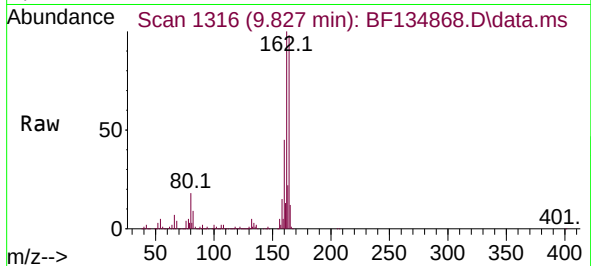




#50
Dimethylphthalate
Concen: 3.161 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

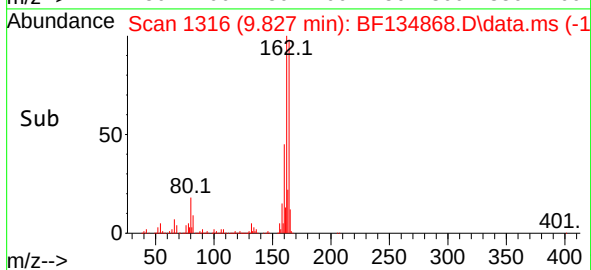
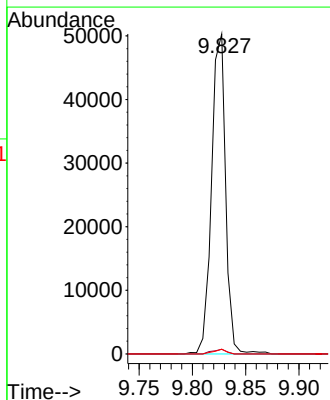
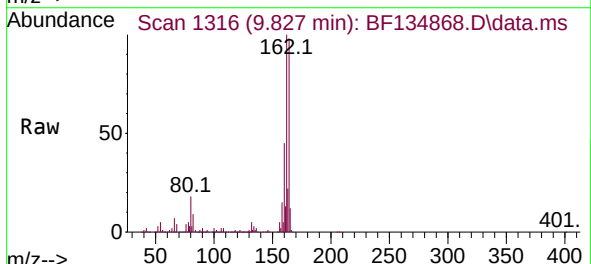
Instrument :
BNA_F
ClientSampleId :
B-PP17A

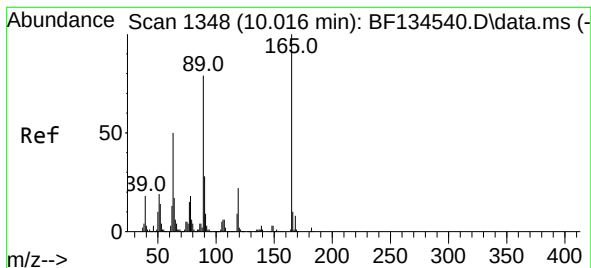
Tgt Ion:163 Resp: 75983
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 451.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.364 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:165 Resp: 46077
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.5 51.8 77.8#

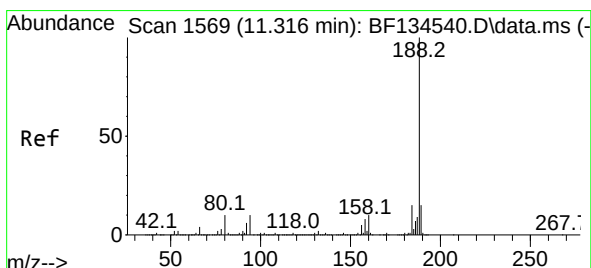
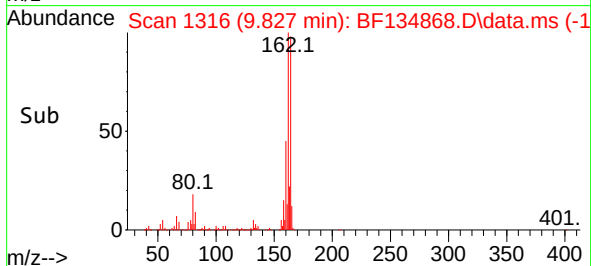
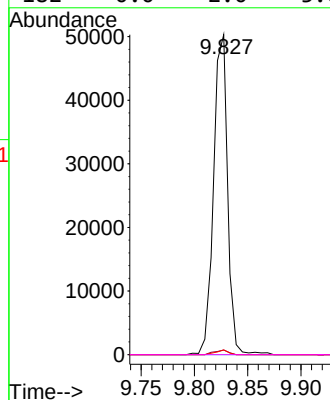
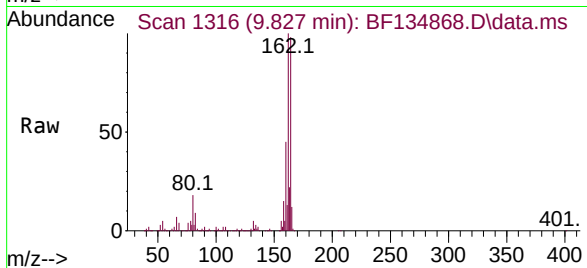




#57
2,4-Dinitrotoluene
Concen: 10.136 ng
RT: 9.827 min Scan# 1348
Delta R.T. -0.200 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

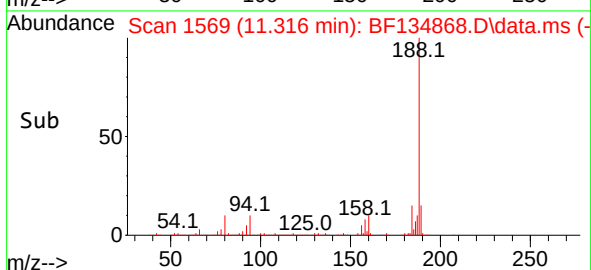
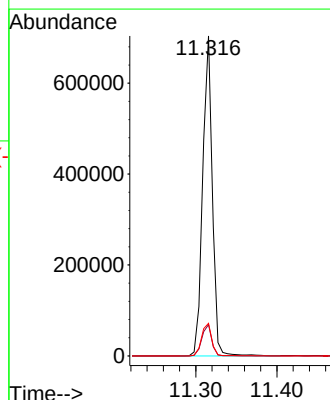
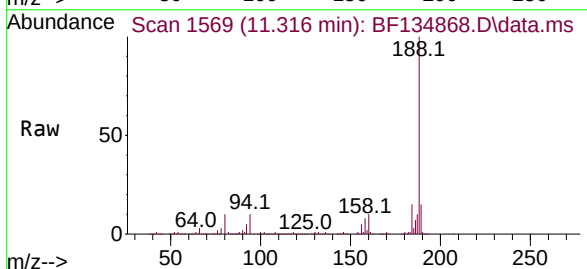
Instrument :
BNA_F
ClientSampleId :
B-PP17A

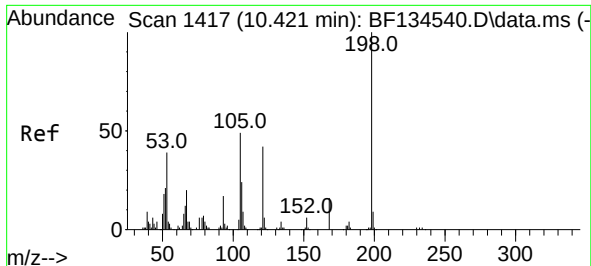
Tgt Ion:165 Resp: 46077
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134868.D
Acq: 21 Aug 2023 15:24

Tgt Ion:188 Resp: 578376
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.2 6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.921 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.176 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

Instrument :

BNA_F

ClientSampleId :

B-PP17A

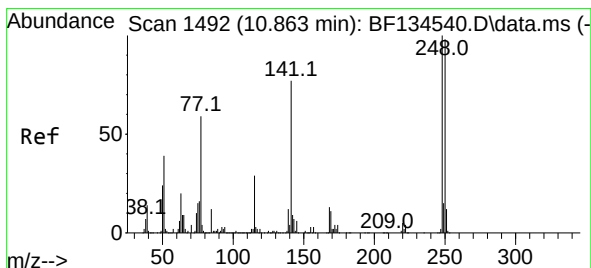
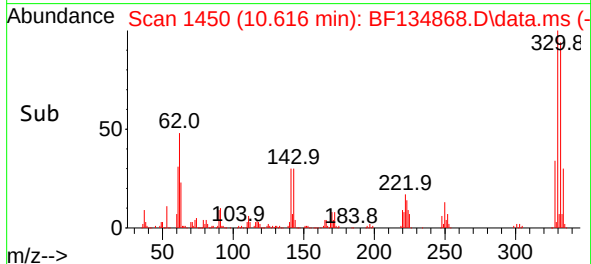
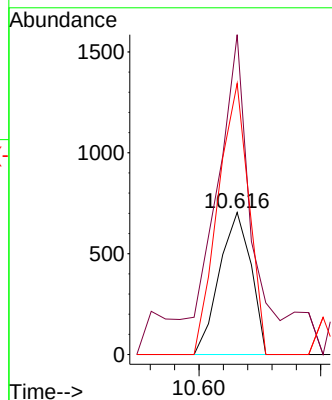
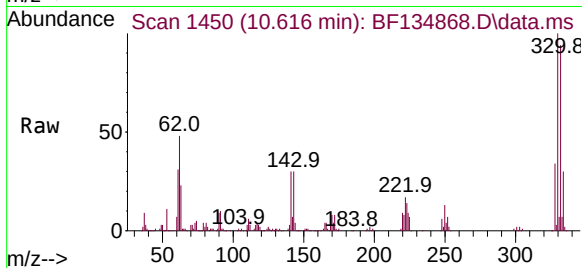
Tgt Ion:198 Resp: 634

Ion Ratio Lower Upper

198 100

51 225.3 38.6 78.6#

105 190.9 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 3.086 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

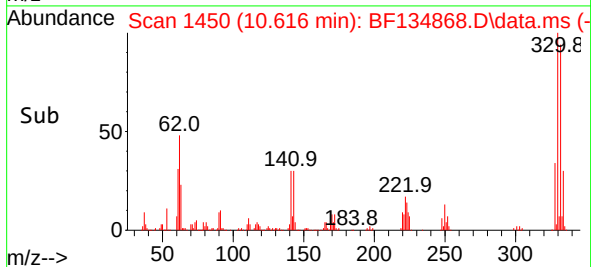
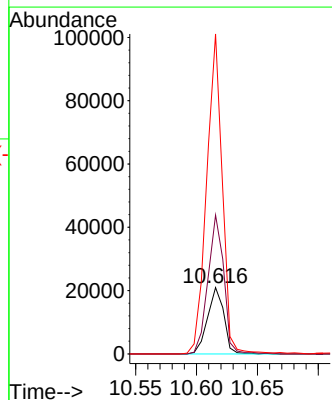
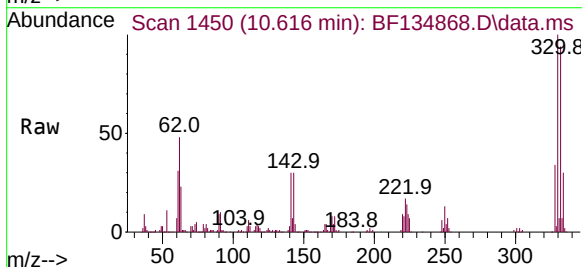
Tgt Ion:248 Resp: 19536

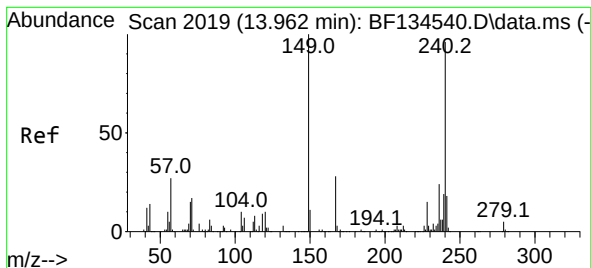
Ion Ratio Lower Upper

248 100

250 209.4 79.6 119.4#

141 482.4 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

Instrument :

BNA_F

ClientSampleId :

B-PP17A

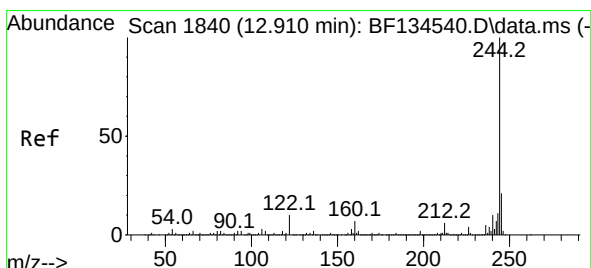
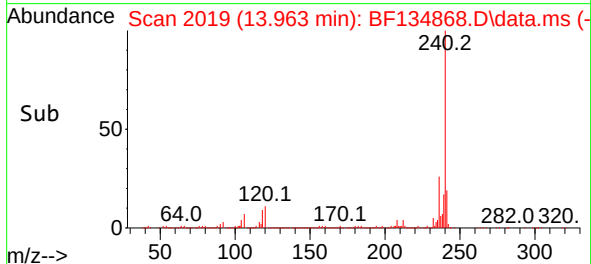
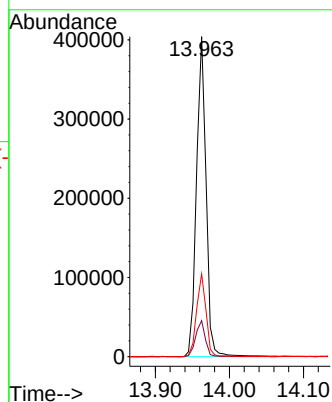
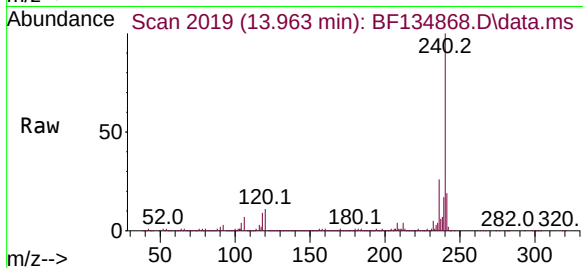
Tgt Ion:240 Resp: 366064

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 25.8 20.2 30.2



#79

Terphenyl-d14

Concen: 53.134 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134868.D

Acq: 21 Aug 2023 15:24

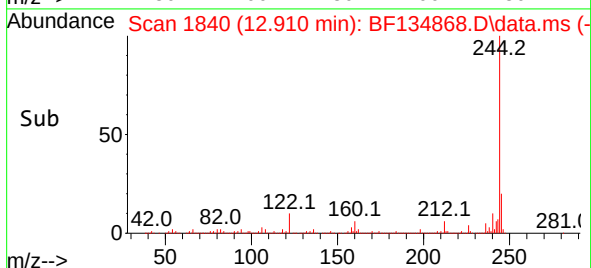
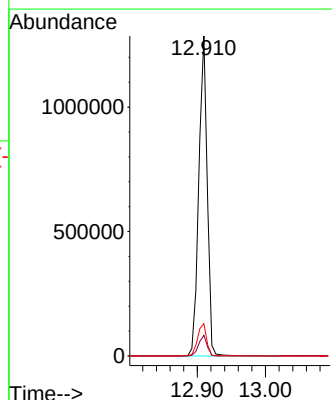
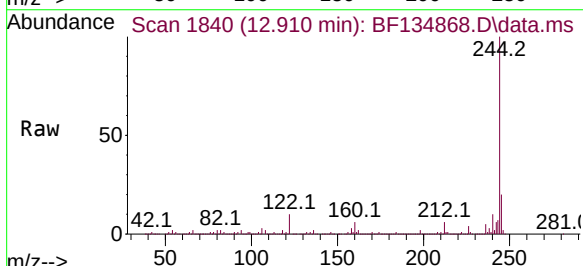
Tgt Ion:244 Resp: 1103336

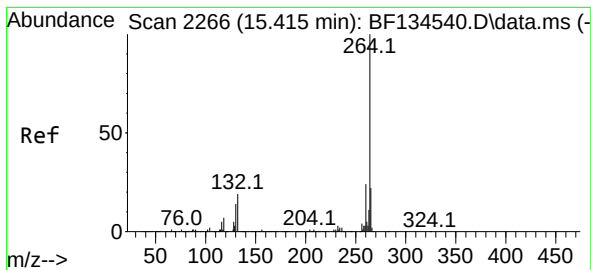
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134868.D
 Acq: 21 Aug 2023 15:24

Instrument :
 BNA_F
 ClientSampleId :
 B-PP17A

Tgt Ion:264 Resp: 346976
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.2 15.8 23.8

