

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134763.D
 Acq On : 14 Aug 2023 17:08
 Operator : CG\JU
 Sample : 03989-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP26

Quant Time: Aug 15 00:32:33 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)

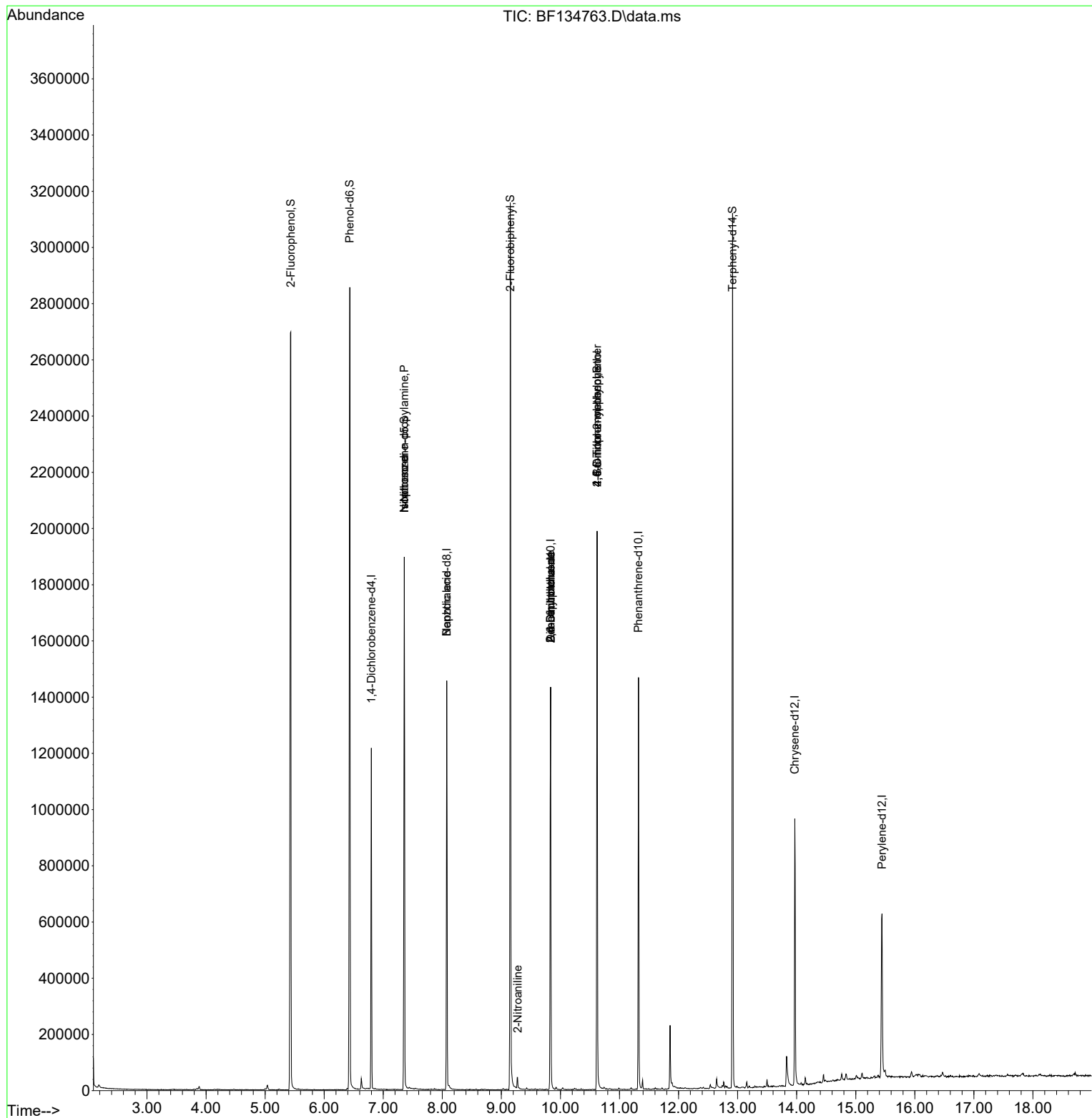
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	160084	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	612657	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	285489	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	486305	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	323157	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	302648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	805016	76.441	ng	0.00
7) Phenol-d6	6.434	99	973525	72.316	ng	0.00
23) Nitrobenzene-d5	7.357	82	587494	59.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	236419	81.236	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1047536	61.009	ng	-0.01
79) Terphenyl-d14	12.915	244	1043667	56.933	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	60	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	77581	9.625	ng	# 72
25) Isophorone	7.357	82	581535	27.196	ng	# 65
32) Benzoic acid	8.075	122	85	7.879	ng	# 1
48) 2-Nitroaniline	9.275	65	433	3.244	ng	# 8
50) Dimethylphthalate	9.833	163	58063	2.984	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	36379	11.146	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	36379	9.957	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.621	198	574	8.938	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	14476	2.719	ng	# 1

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

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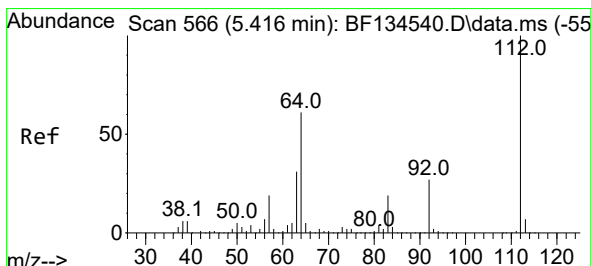
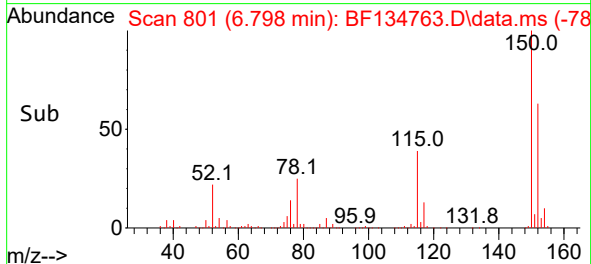
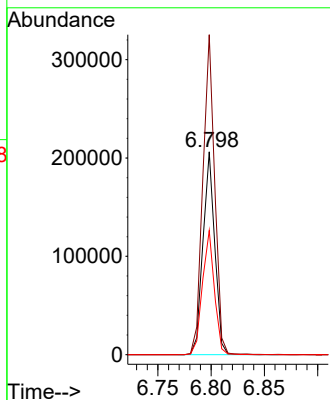
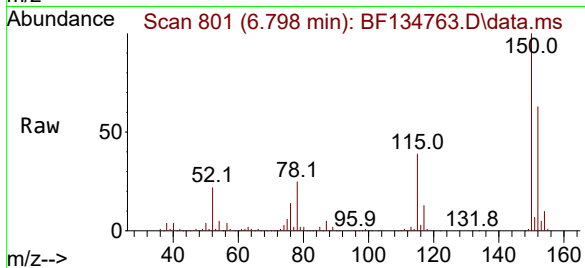




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

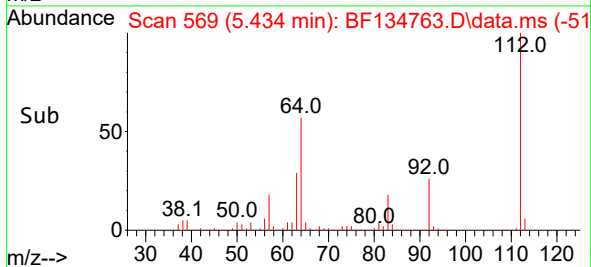
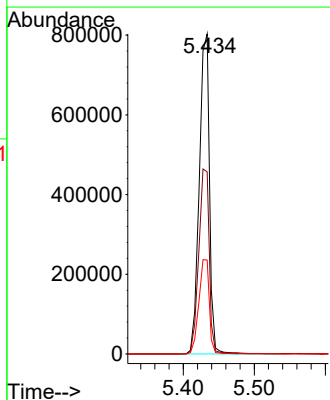
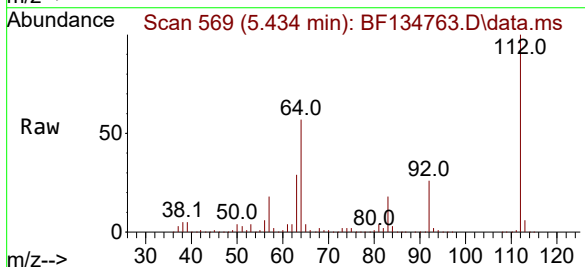
Instrument :
BNA_F
ClientSampleId :
B-PP26

Tgt Ion:152 Resp: 160084
Ion Ratio Lower Upper
152 100
150 157.8 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 76.441 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion:112 Resp: 805016
Ion Ratio Lower Upper
112 100
64 56.9 44.9 67.3
63 29.3 25.4 38.0

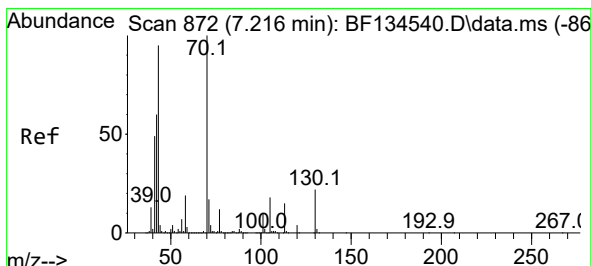
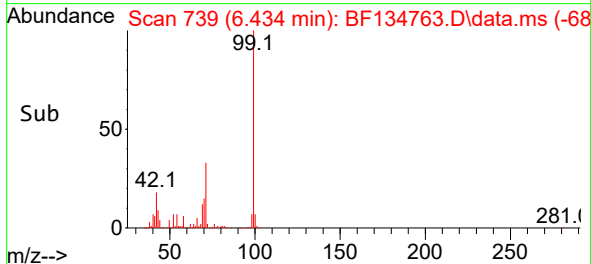
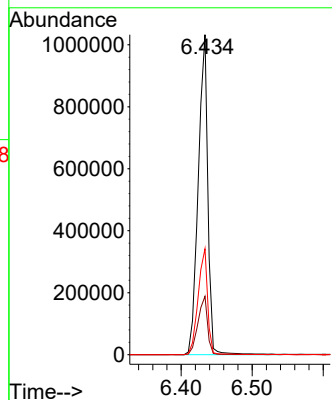
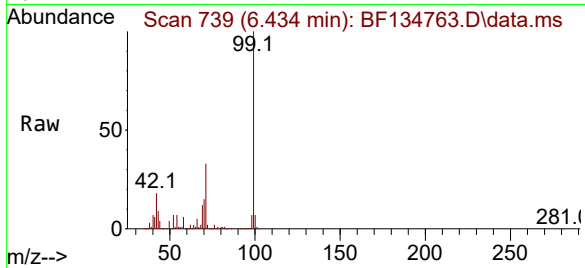




#7
Phenol-d6
Concen: 72.316 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

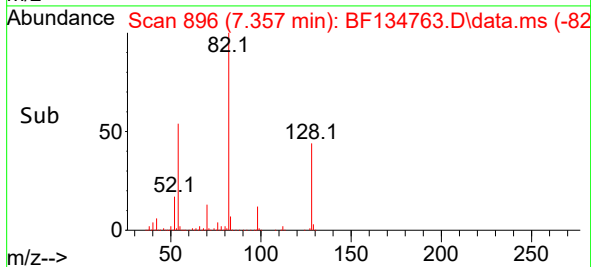
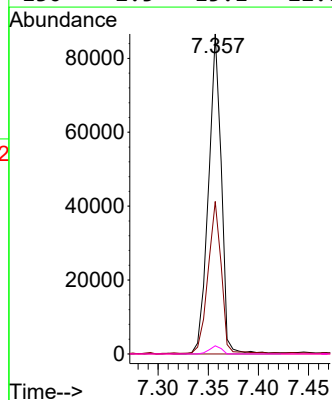
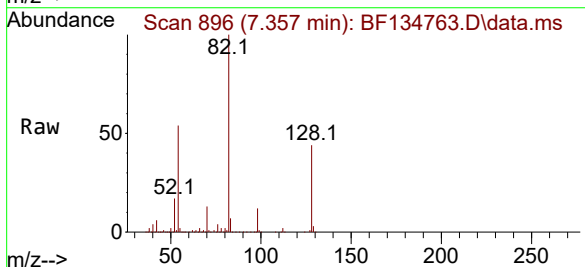
Instrument :
BNA_F
ClientSampleId :
B-PP26

Tgt Ion: 99 Resp: 973525
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1#
71 33.1 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.625 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion: 70 Resp: 77581
Ion Ratio Lower Upper
70 100
42 47.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

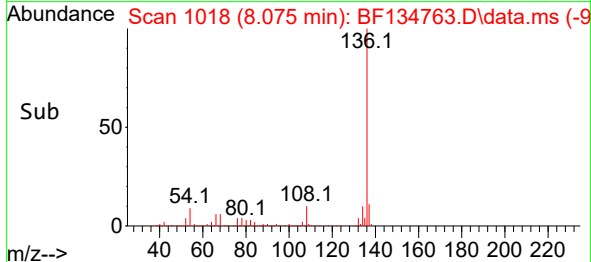
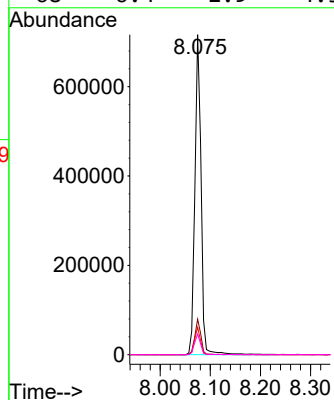
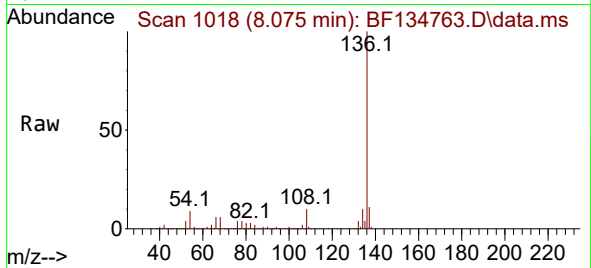




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

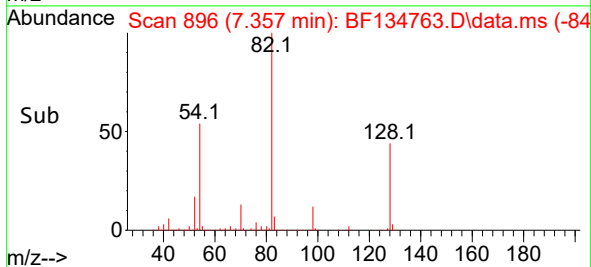
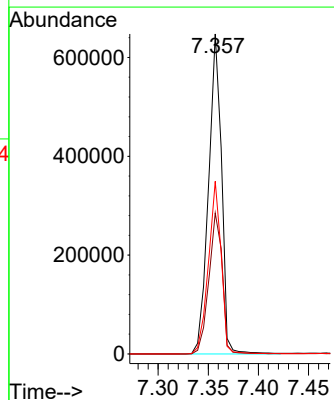
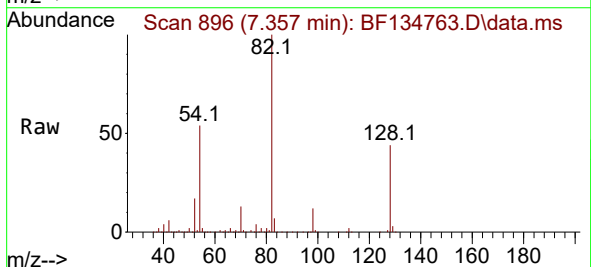
Instrument :
BNA_F
ClientSampleId :
B-PP26

Tgt Ion:136 Resp: 612657
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 59.926 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion: 82 Resp: 587494
Ion Ratio Lower Upper
82 100
128 44.1 34.3 51.5
54 54.0 43.8 65.6

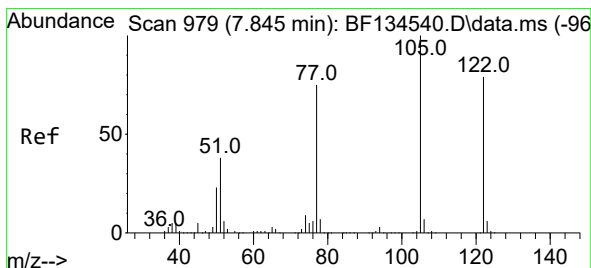
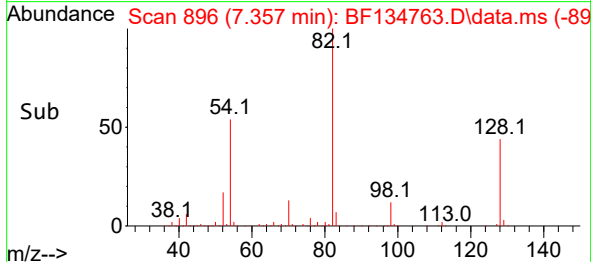
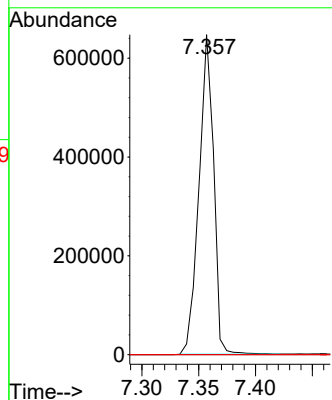
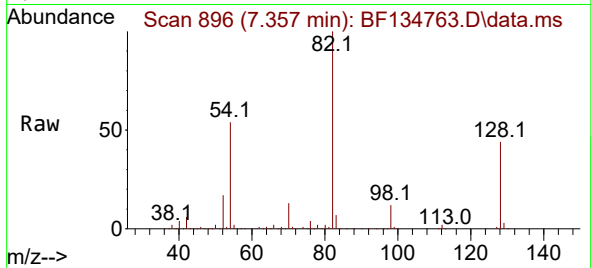




#25
Isophorone
Concen: 27.196 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

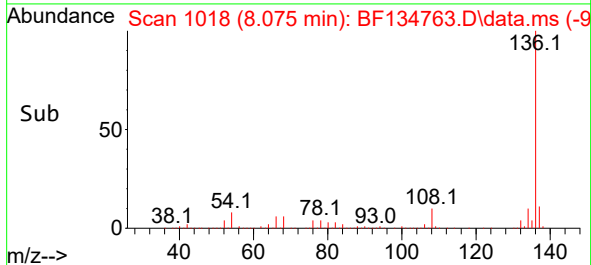
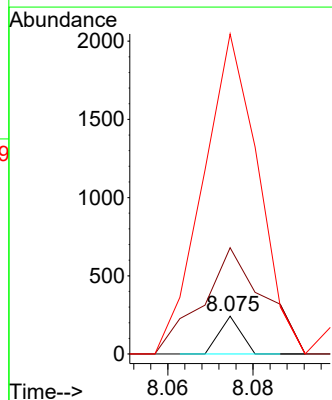
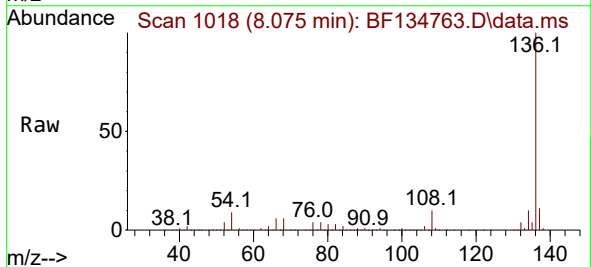
Instrument :
BNA_F
ClientSampleId :
B-PP26

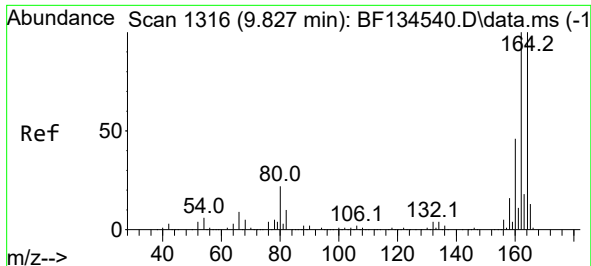
Tgt Ion: 82 Resp: 581535
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.879 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion: 122 Resp: 85
Ion Ratio Lower Upper
122 100
105 281.0 87.5 127.5#
77 845.5 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: BF134763.D

Acq: 14 Aug 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-PP26

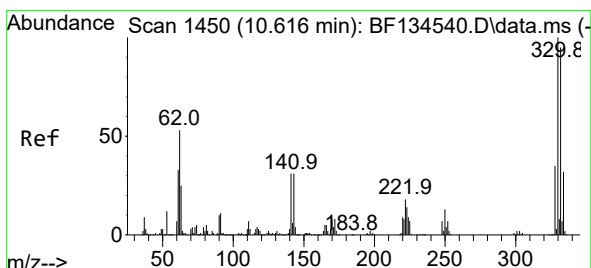
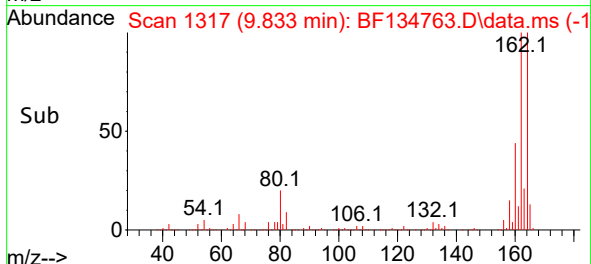
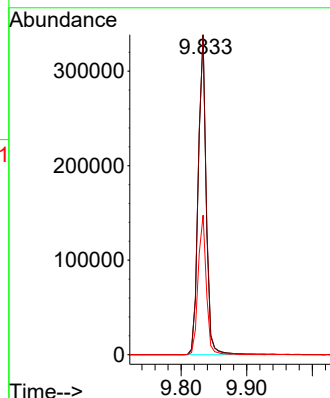
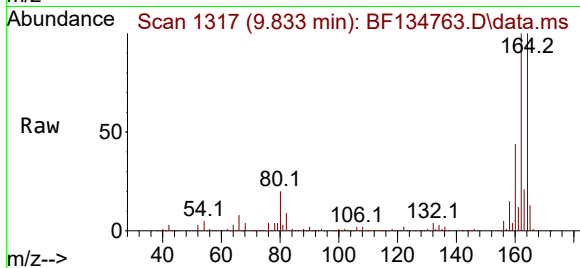
Tgt Ion:164 Resp: 285489

Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

160 43.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 81.236 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

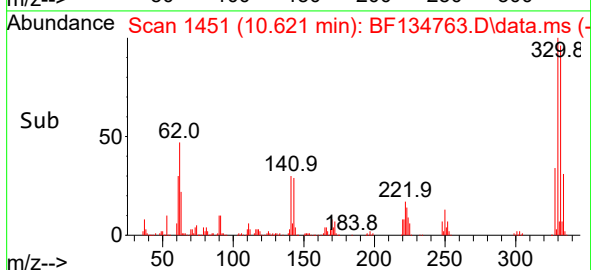
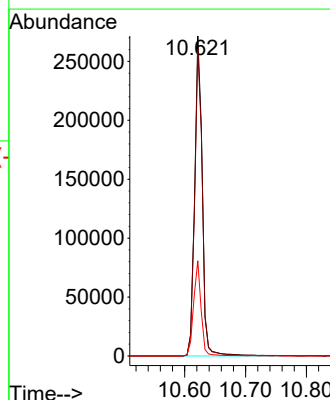
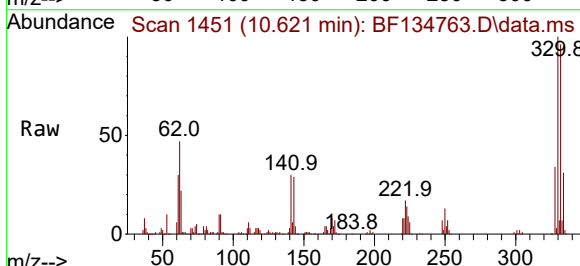
Tgt Ion:330 Resp: 236419

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

141 29.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.009 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-PP26

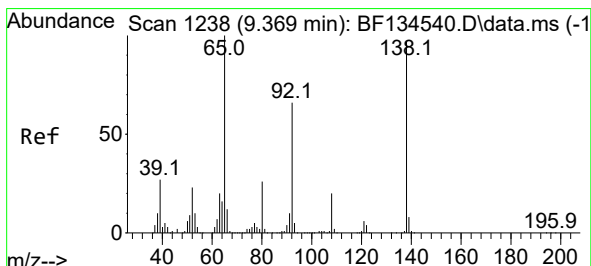
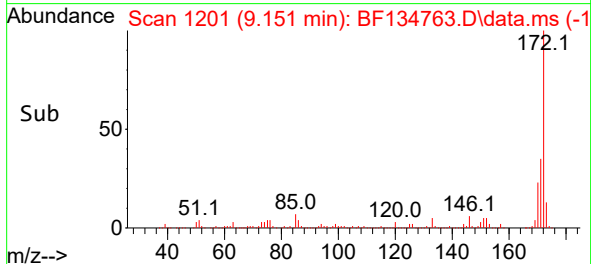
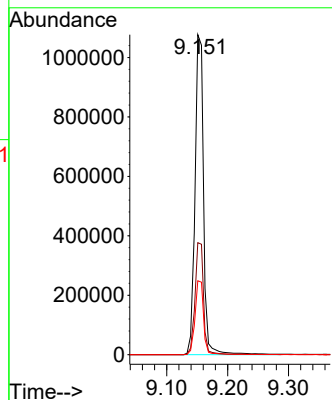
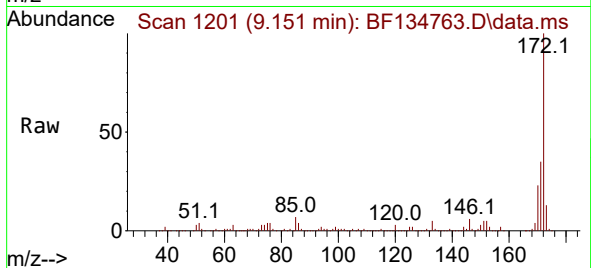
Tgt Ion:172 Resp: 1047536

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.244 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

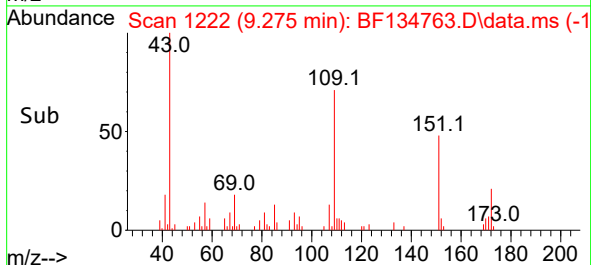
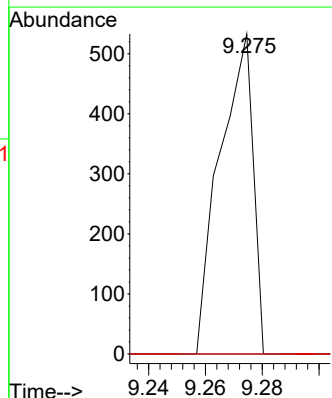
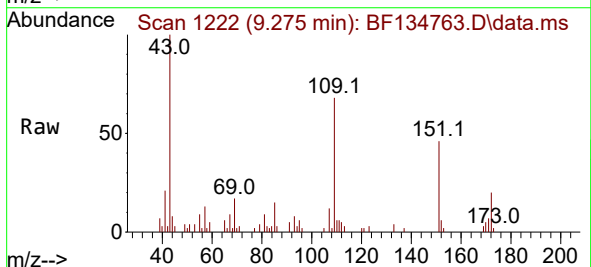
Tgt Ion: 65 Resp: 433

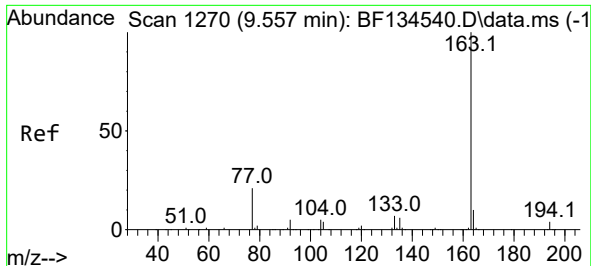
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

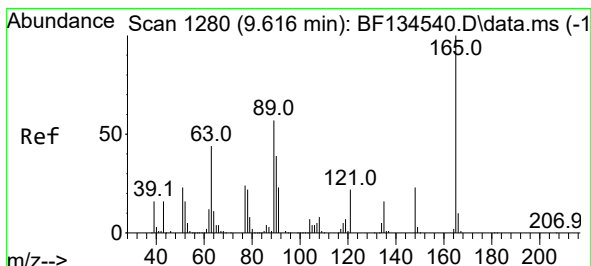
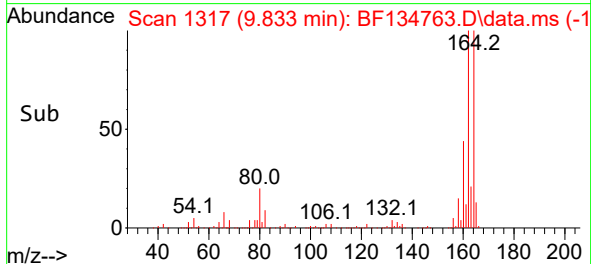
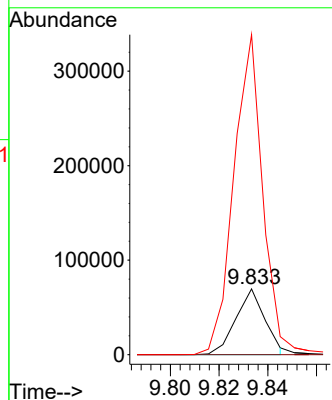
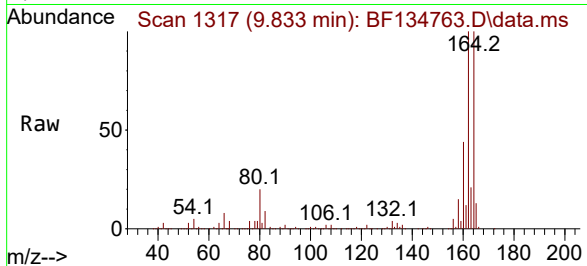




#50
Dimethylphthalate
Concen: 2.984 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

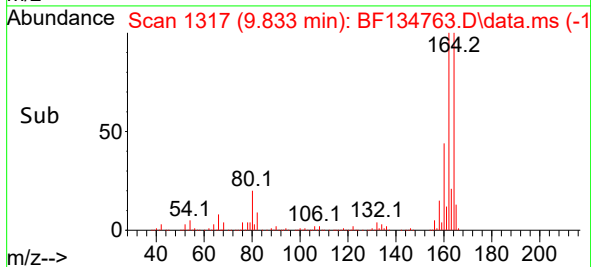
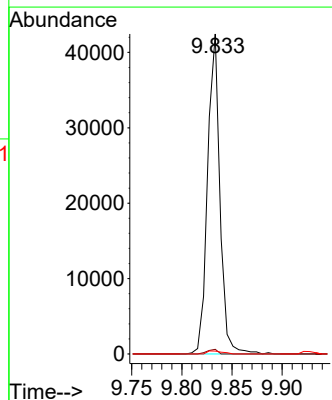
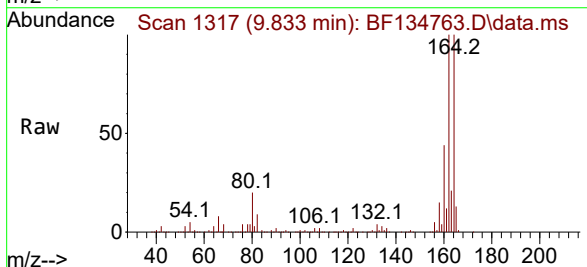
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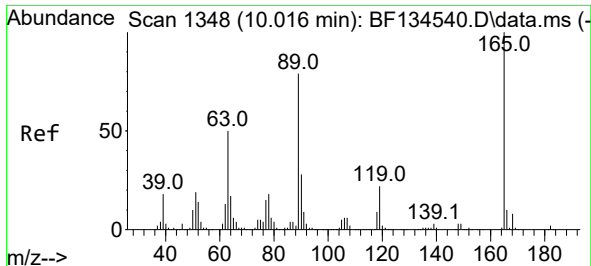
Tgt Ion:163 Resp: 58063
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 486.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.146 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

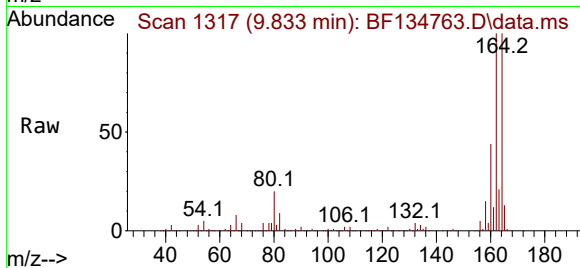
Tgt Ion:165 Resp: 36379
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 0.9 51.8 77.8#



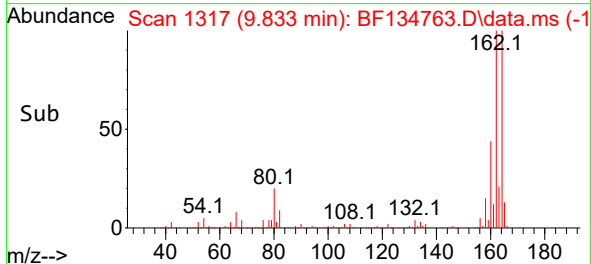
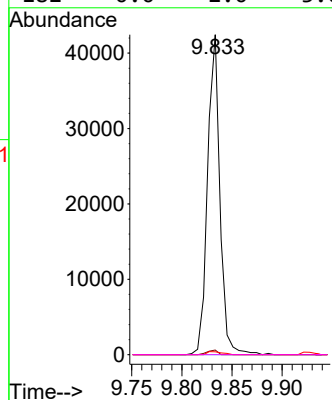


#57
2,4-Dinitrotoluene
Concen: 9.957 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-PP26

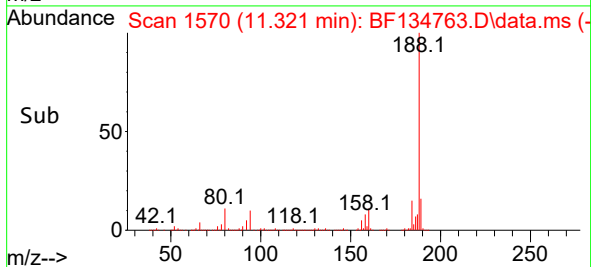
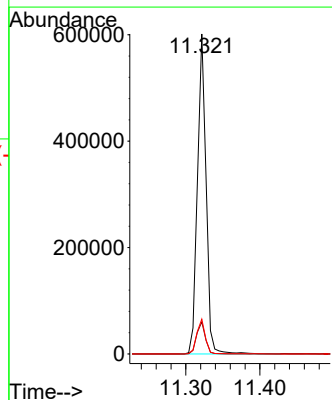
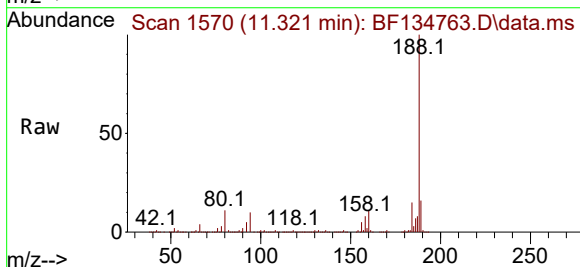


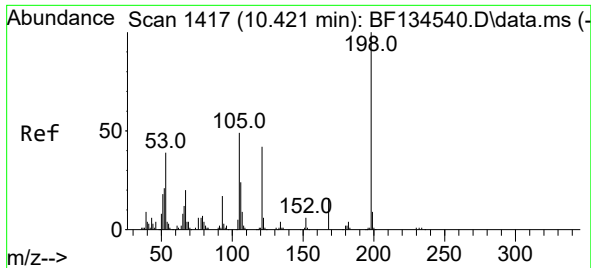
Tgt Ion:165 Resp: 36379
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 0.9 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion:188 Resp: 486305
Ion Ratio Lower Upper
188 100
94 10.0 5.1 7.7#
80 10.9 6.6 9.8#

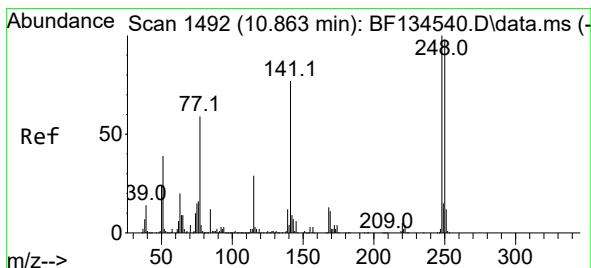
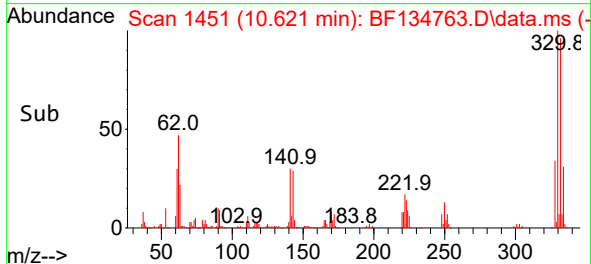
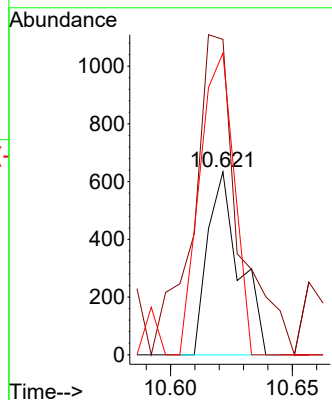
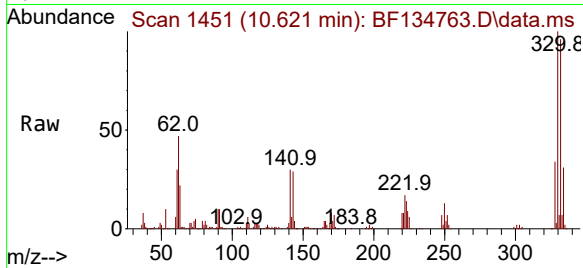




#65
4,6-Dinitro-2-methylphenol
Concen: 8.938 ng
RT: 10.621 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

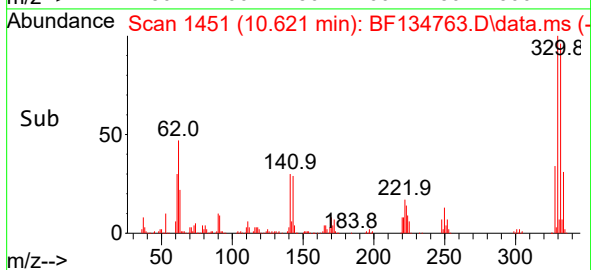
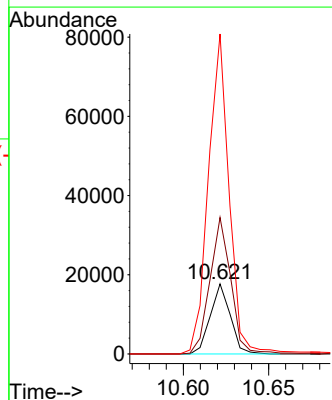
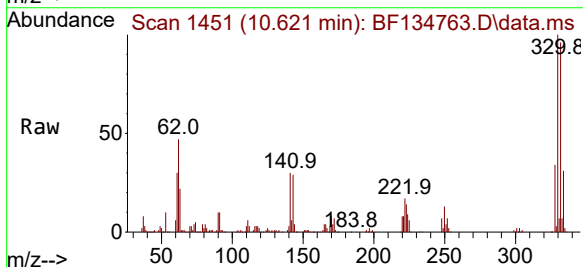
Instrument :
BNA_F
ClientSampleId :
B-PP26

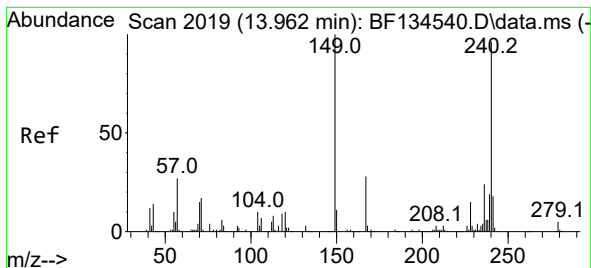
Tgt Ion:198 Resp: 574
Ion Ratio Lower Upper
198 100
51 172.4 38.6 78.6#
105 164.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Tgt Ion:248 Resp: 14476
Ion Ratio Lower Upper
248 100
250 194.5 79.6 119.4#
141 456.3 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: BF134763.D

Acq: 14 Aug 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-PP26

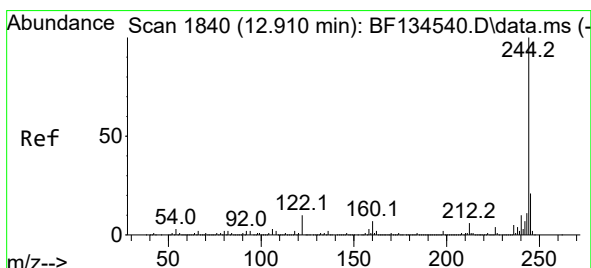
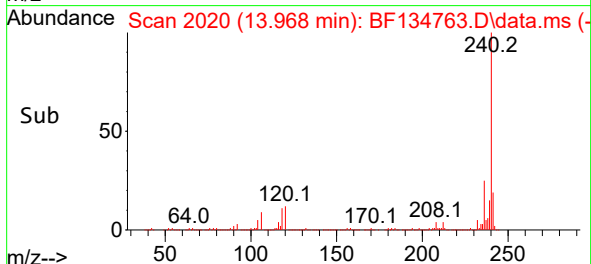
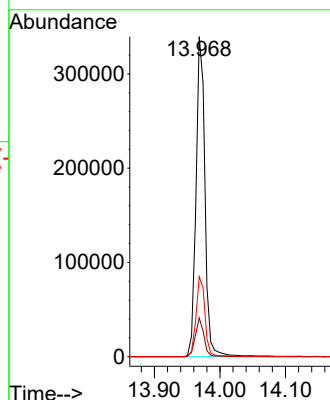
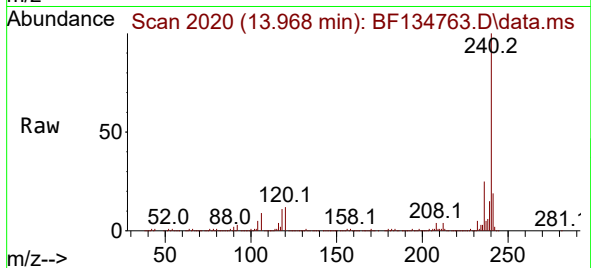
Tgt Ion:240 Resp: 323157

Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 56.933 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134763.D

Acq: 14 Aug 2023 17:08

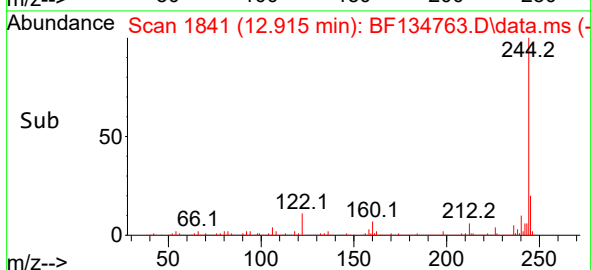
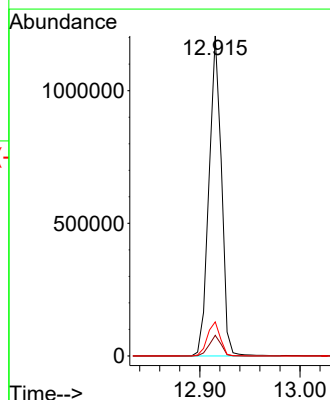
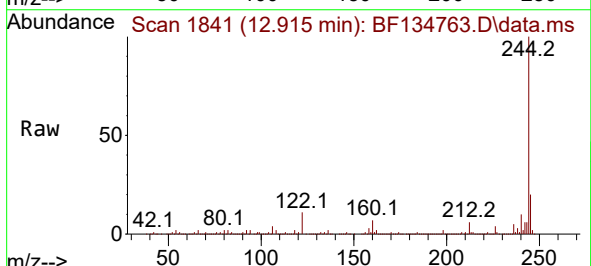
Tgt Ion:244 Resp: 1043667

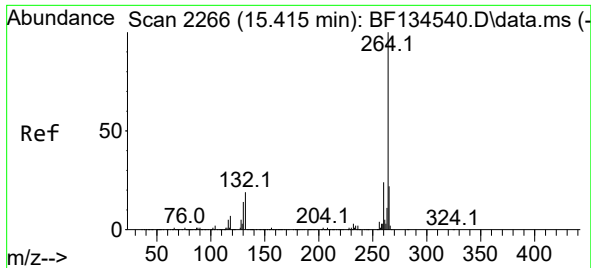
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

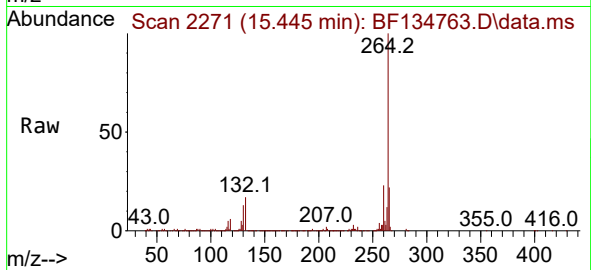
122 10.6 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134763.D
Acq: 14 Aug 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-PP26



Tgt Ion:264 Resp: 302648
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.9 15.8 23.8

