

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134625.D
 Acq On : 04 Aug 2023 11:11
 Operator : CG\JU
 Sample : 03756-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-10-CS-10

Quant Time: Aug 05 00:04:44 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)

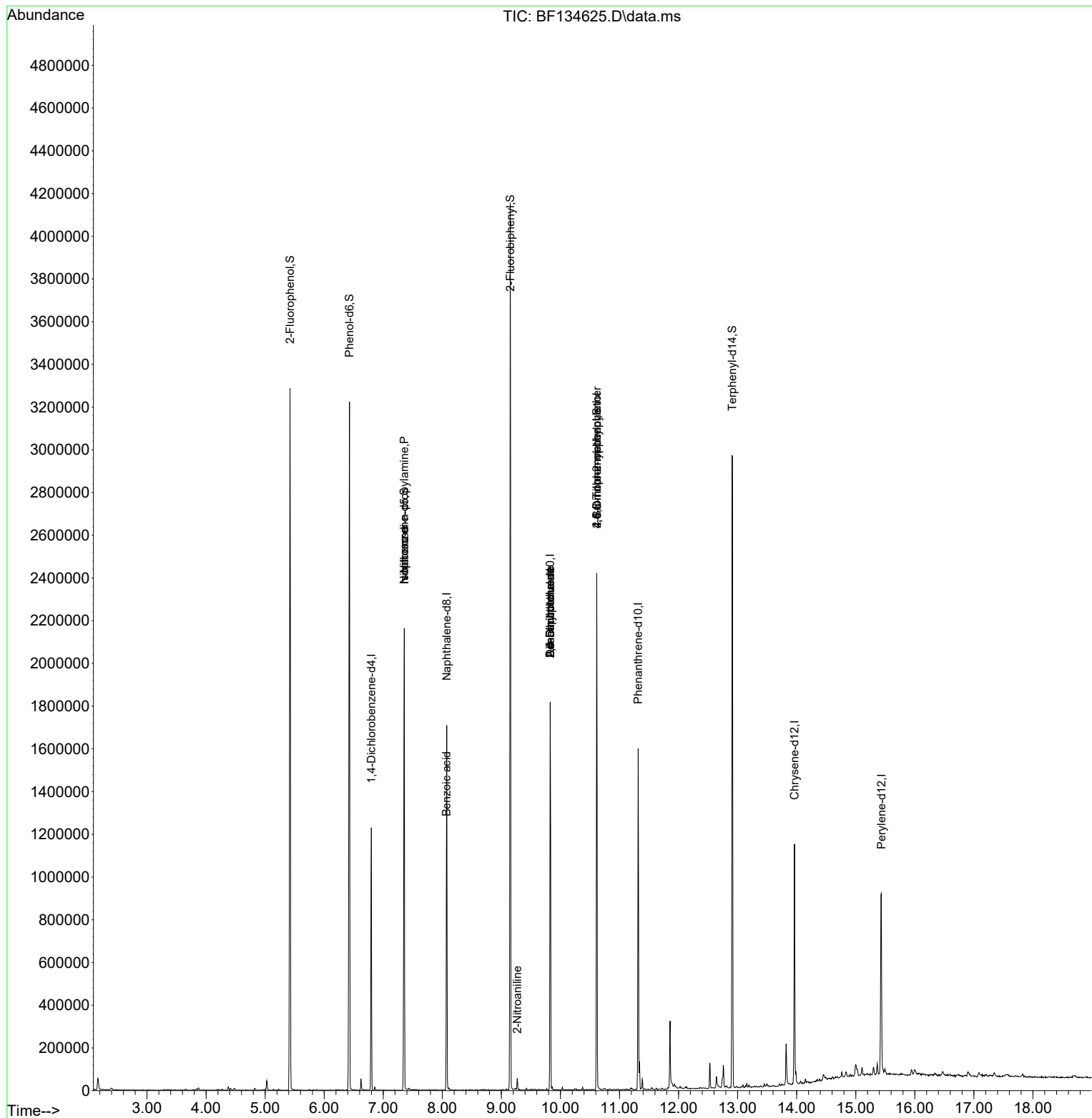
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164443	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	662704	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	324017	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	521720	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	326868	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	402203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	877933	81.156	ng	0.00
7) Phenol-d6	6.428	99	1122259	81.155	ng	-0.01
23) Nitrobenzene-d5	7.357	82	642421	60.580	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	265358	80.337	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1222442	62.730	ng	-0.01
79) Terphenyl-d14	12.910	244	997287	53.786	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.334	77	54	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	86201	10.411	ng	# 72
25) Isophorone	7.357	82	638106	27.588	ng	# 65
32) Benzoic acid	8.069	122	158	7.887	ng	# 1
48) 2-Nitroaniline	9.269	65	460	3.239	ng	# 8
50) Dimethylphthalate	9.828	163	68206	3.088	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	41853	11.264	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	41853	10.054	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	651	8.952	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16727	2.929	ng	# 1

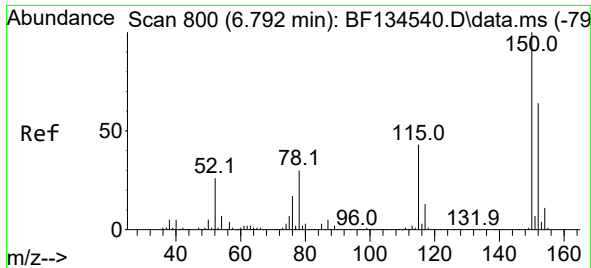
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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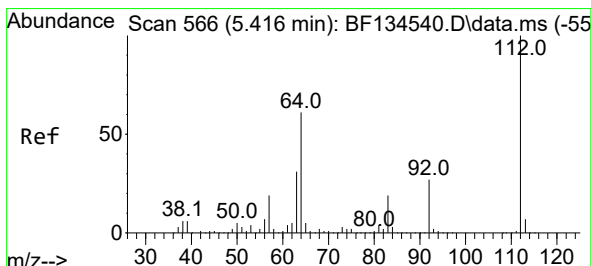
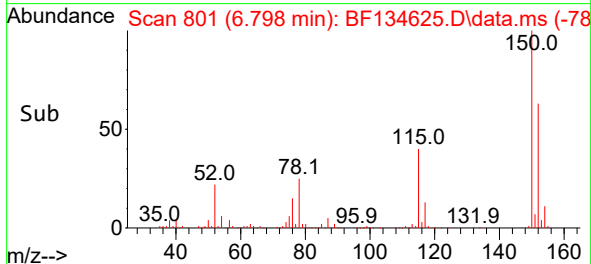
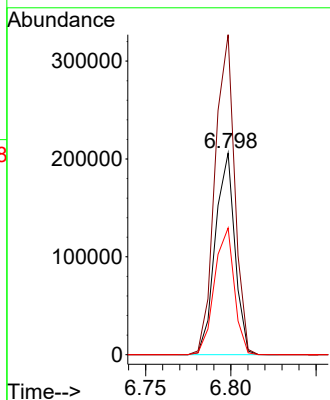
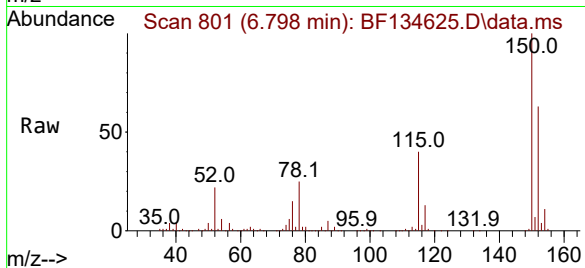




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

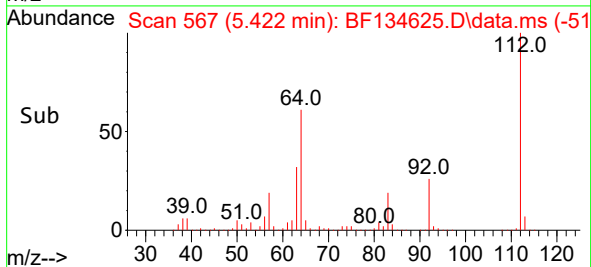
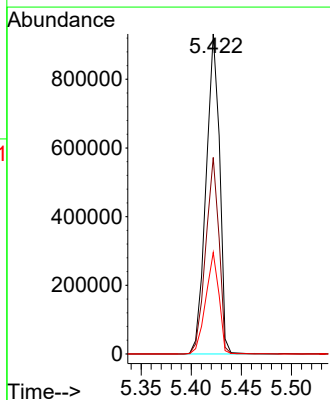
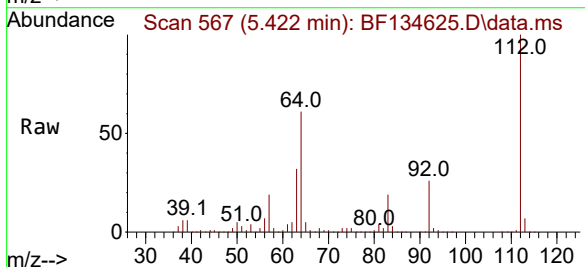
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion:152 Resp: 164443
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 62.9 52.4 78.6



#5
2-Fluorophenol
Concen: 81.156 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion:112 Resp: 877933
Ion Ratio Lower Upper
112 100
64 61.4 44.9 67.3
63 31.7 25.4 38.0

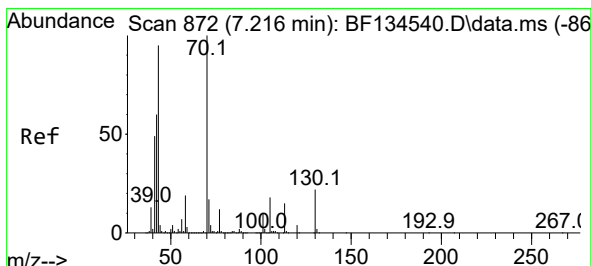
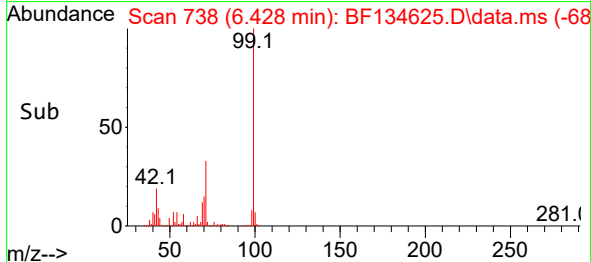
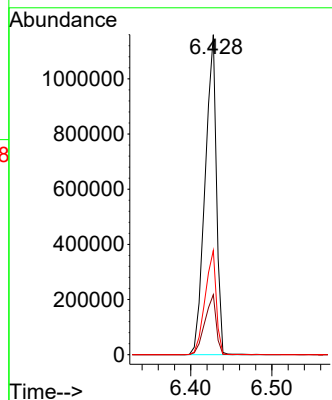
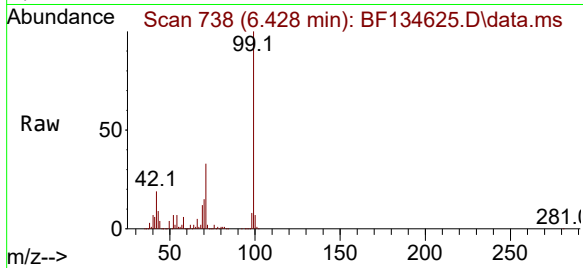




#7
Phenol-d6
Concen: 81.155 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

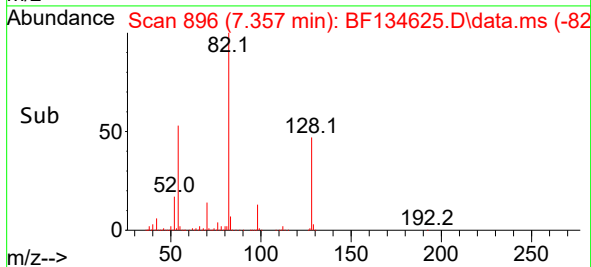
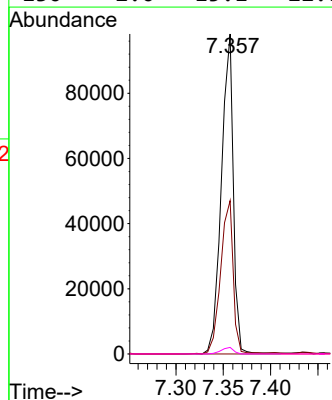
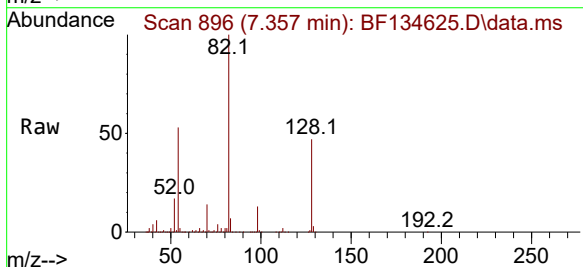
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion: 99 Resp: 1122259
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 32.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.411 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion: 70 Resp: 86201
Ion Ratio Lower Upper
70 100
42 47.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

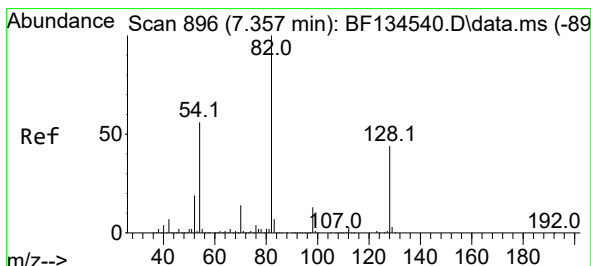
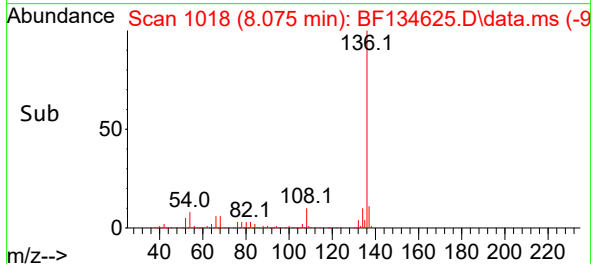
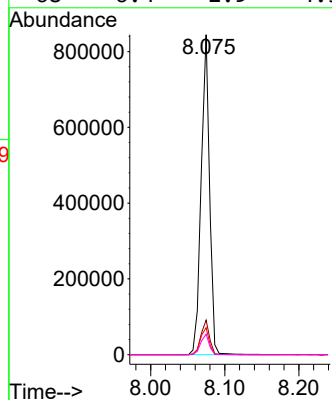
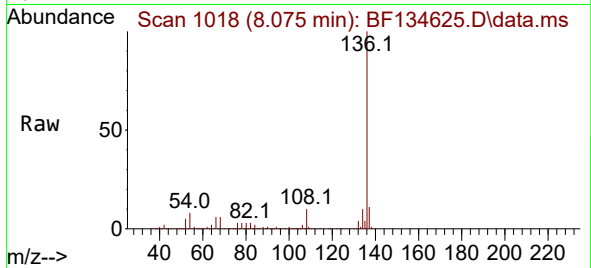




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

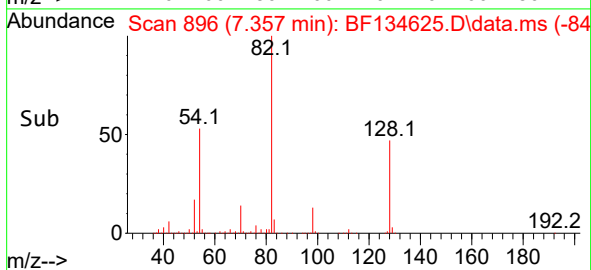
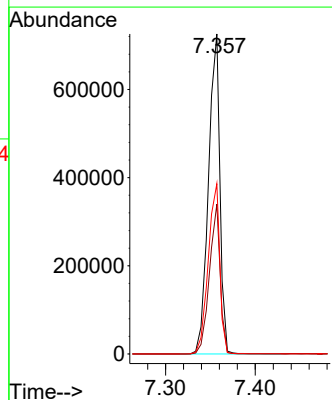
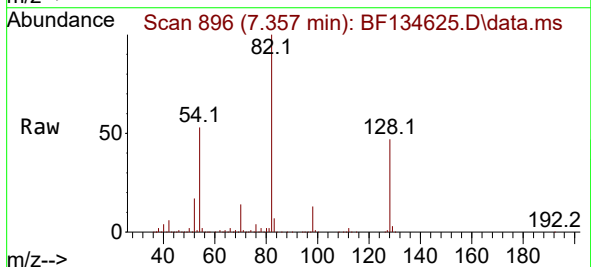
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

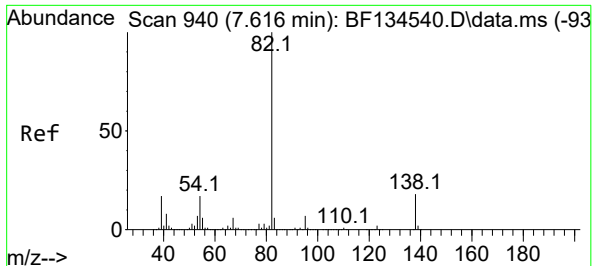
Tgt Ion:136 Resp: 662704
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 60.580 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion: 82 Resp: 642421
Ion Ratio Lower Upper
82 100
128 46.8 34.3 51.5
54 53.2 43.8 65.6

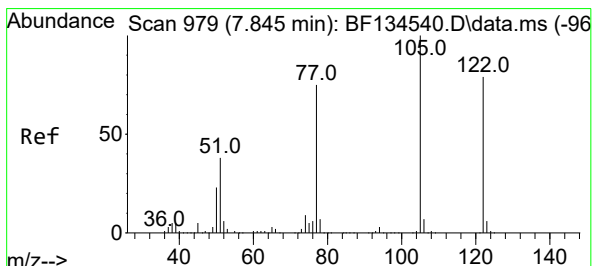
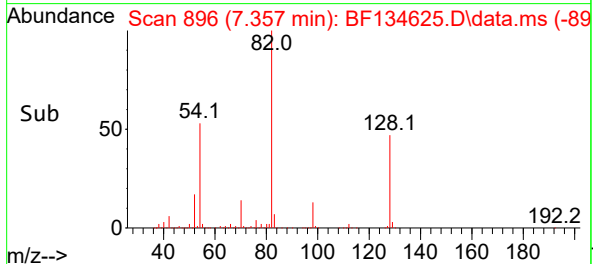
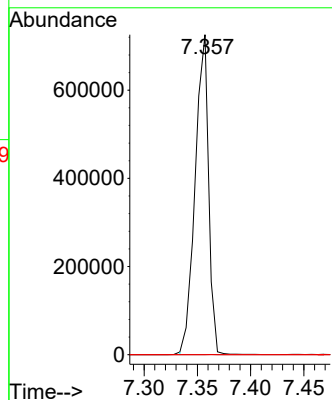
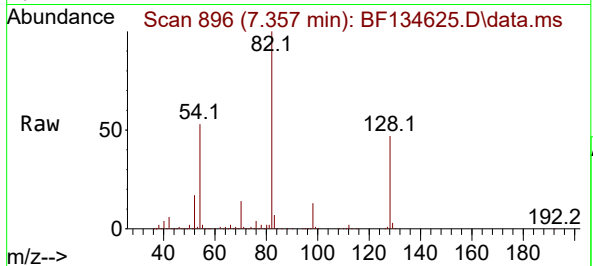




#25
Isophorone
Concen: 27.588 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

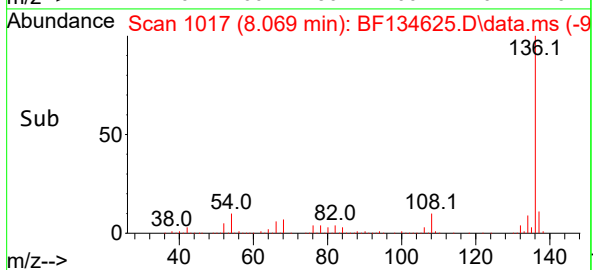
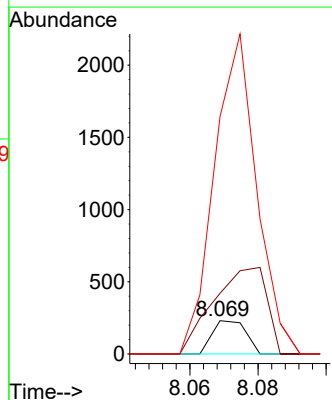
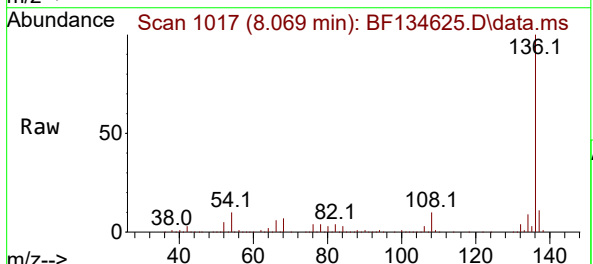
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

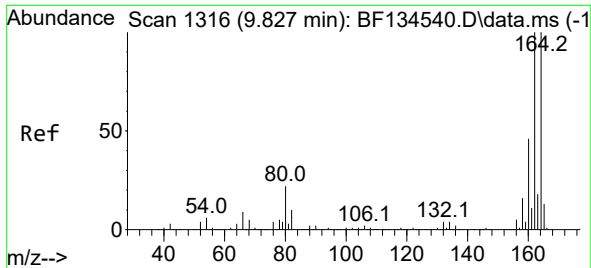
Tgt Ion: 82 Resp: 638106
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.887 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion: 122 Resp: 158
Ion Ratio Lower Upper
122 100
105 181.8 87.5 127.5#
77 711.7 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134625.D

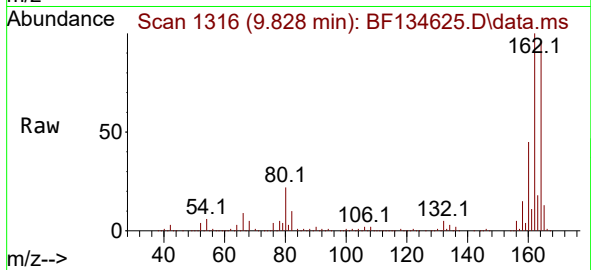
Acq: 04 Aug 2023 11:11

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10



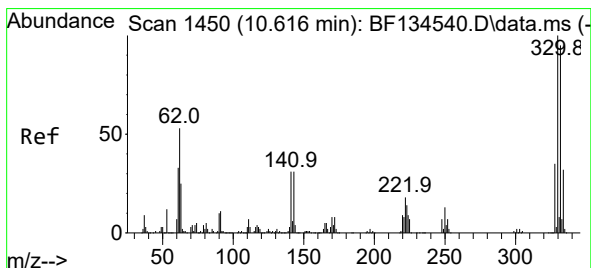
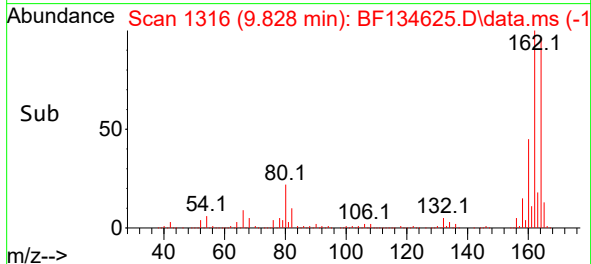
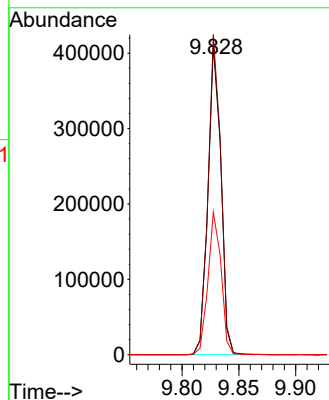
Tgt Ion:164 Resp: 324017

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

160 46.2 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 80.337 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

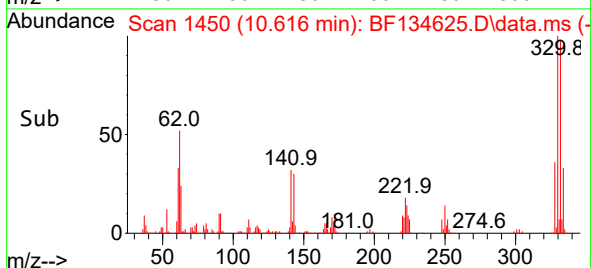
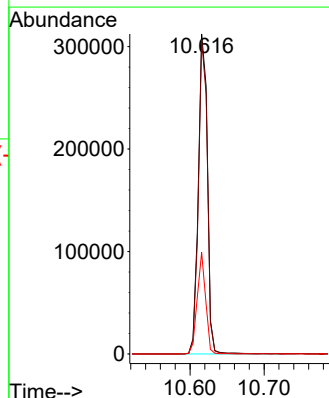
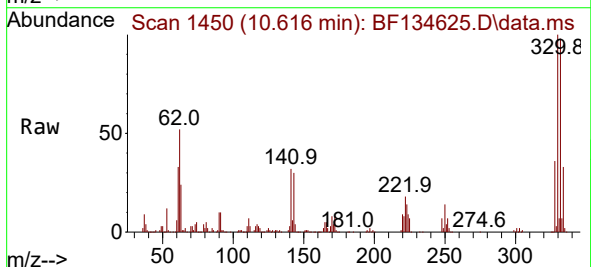
Tgt Ion:330 Resp: 265358

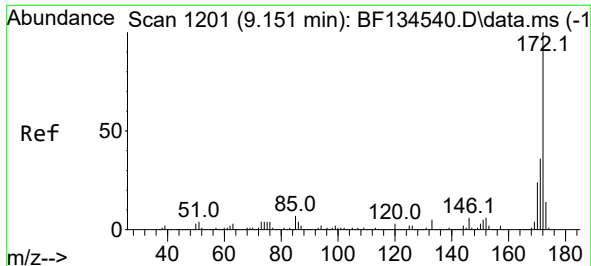
Ion Ratio Lower Upper

330 100

332 96.3 78.8 118.2

141 29.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 62.730 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10

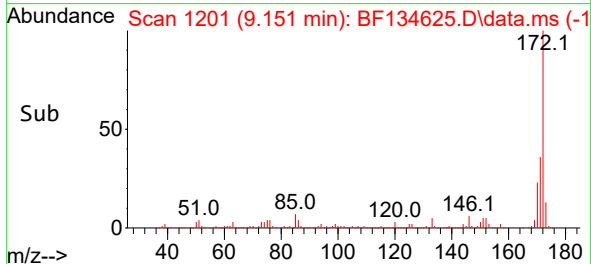
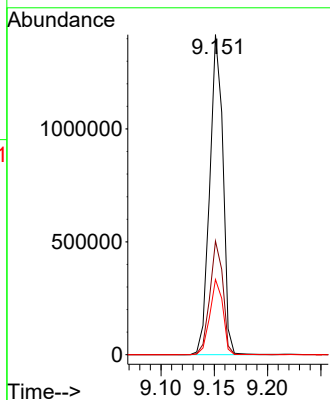
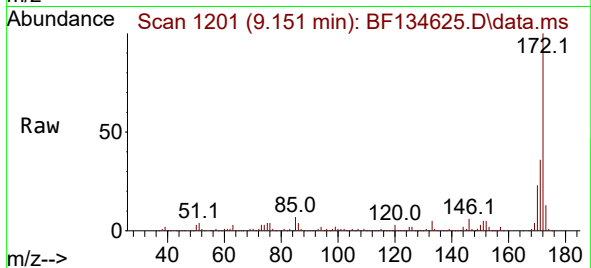
Tgt Ion:172 Resp: 1222442

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.239 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

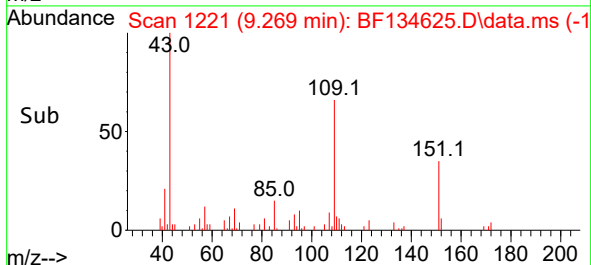
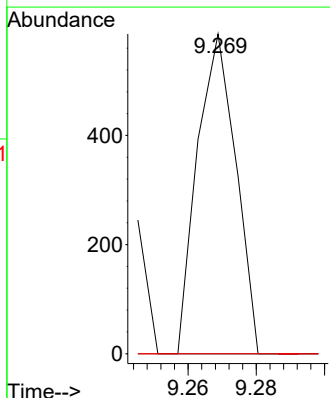
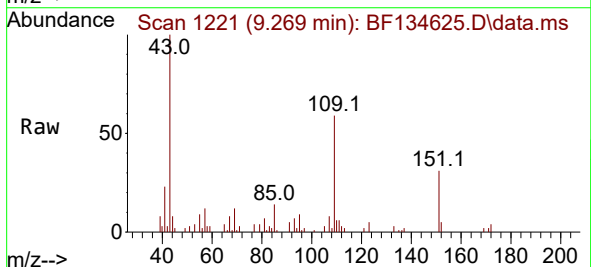
Tgt Ion: 65 Resp: 460

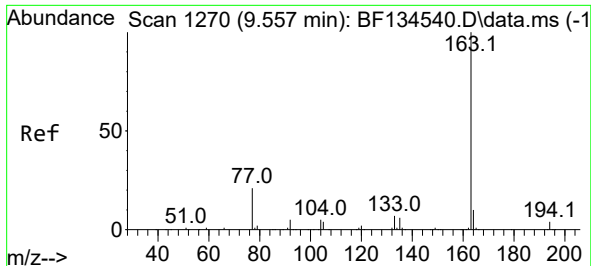
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

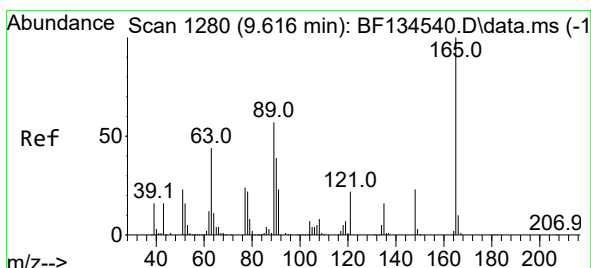
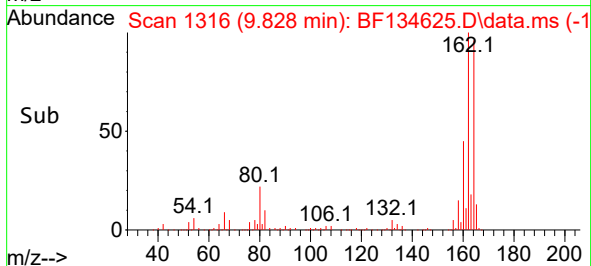
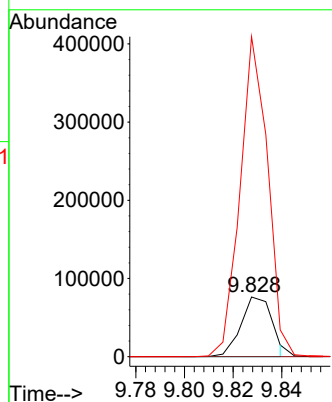
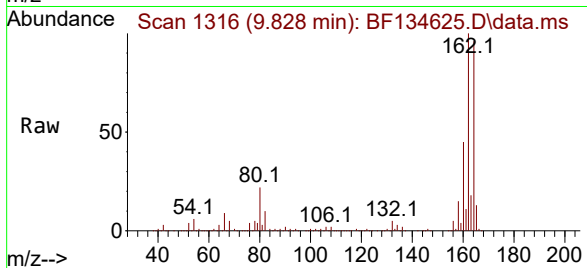




#50
Dimethylphthalate
Concen: 3.088 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

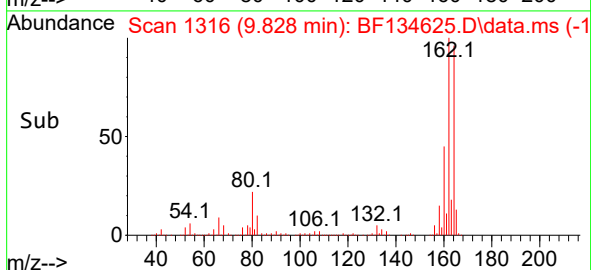
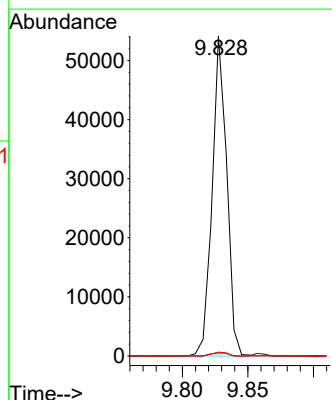
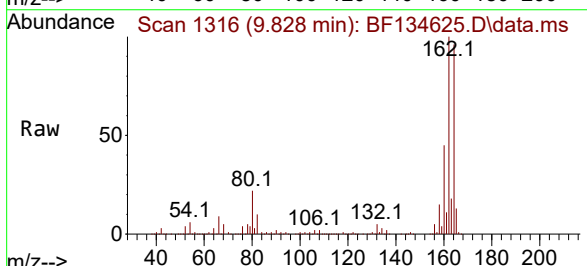
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

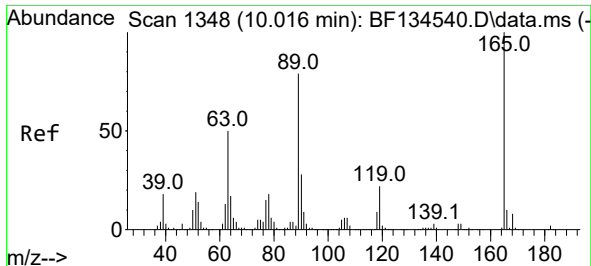
Tgt Ion:163 Resp: 68206
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 536.0 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.264 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

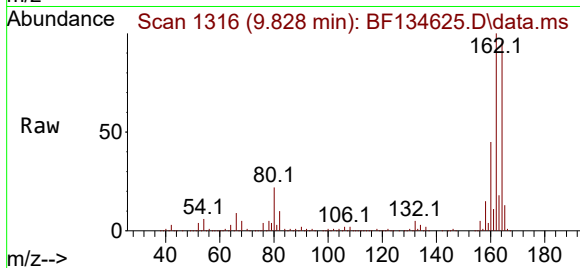
Tgt Ion:165 Resp: 41853
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.2 51.8 77.8#



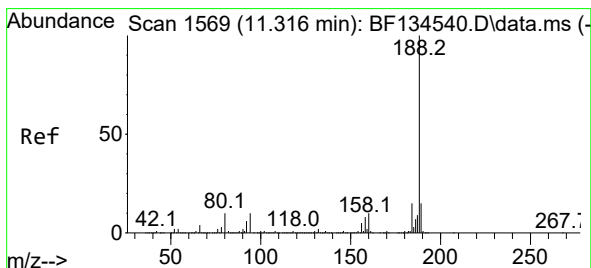
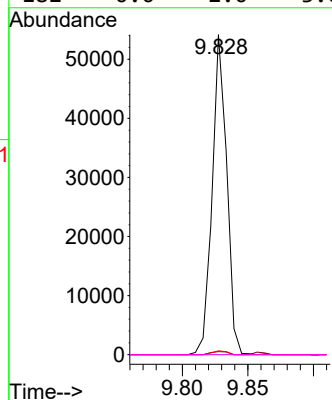
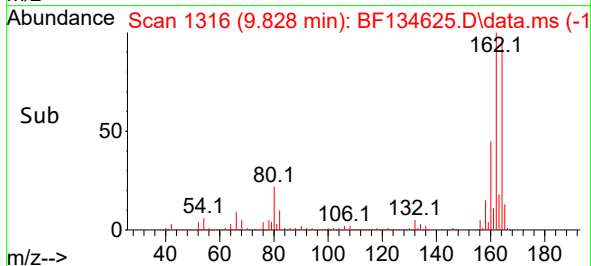


#57
2,4-Dinitrotoluene
Concen: 10.054 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

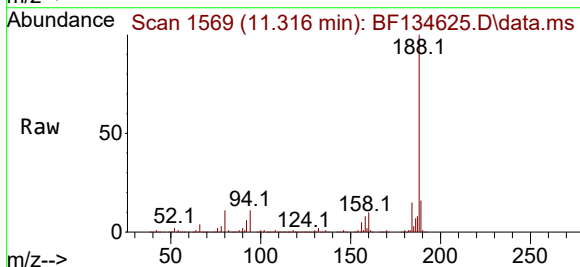
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10



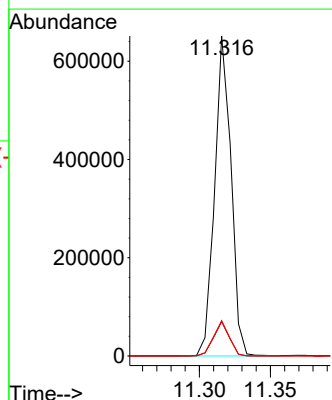
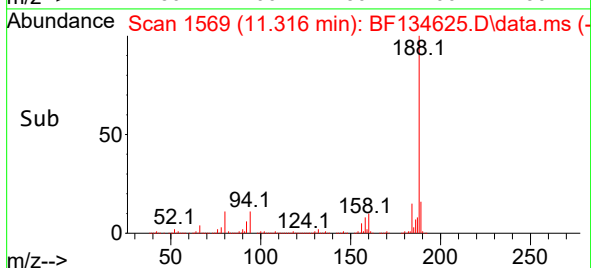
Tgt Ion:165 Resp: 41853
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

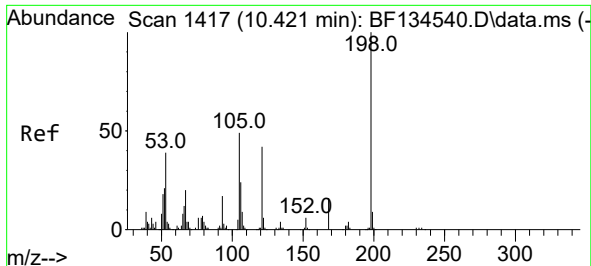


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11



Tgt Ion:188 Resp: 521720
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.0 6.6 9.8#

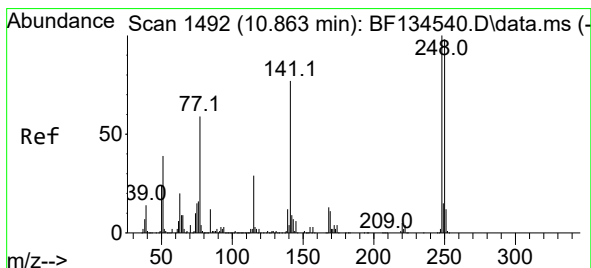
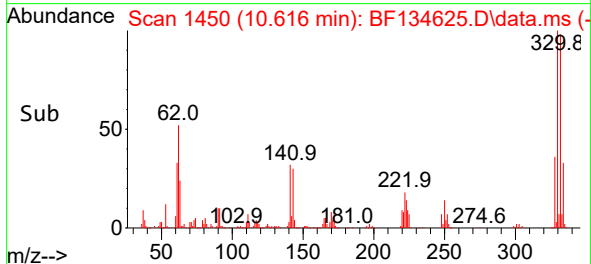
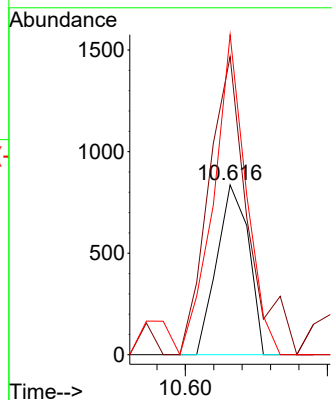
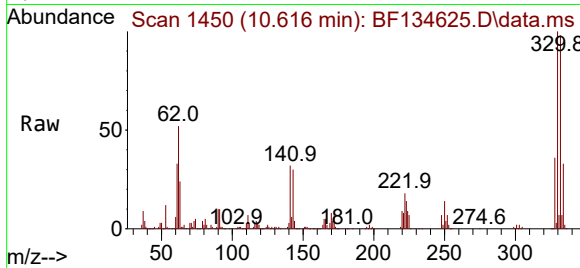




#65
4,6-Dinitro-2-methylphenol
Concen: 8.952 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

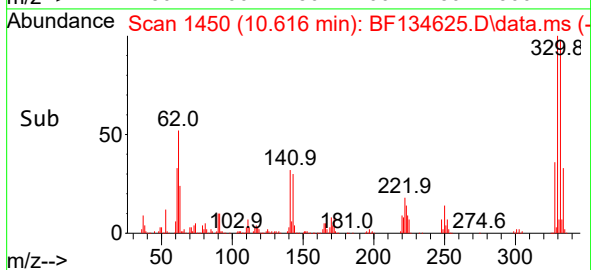
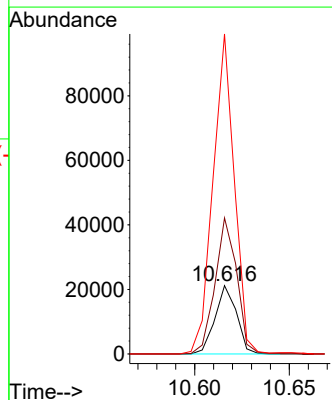
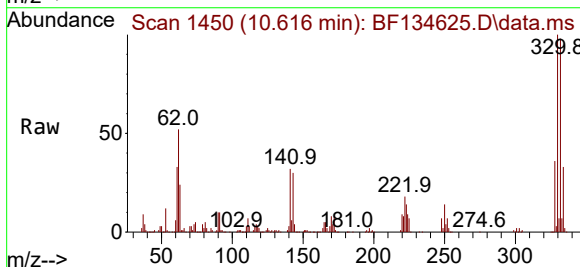
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

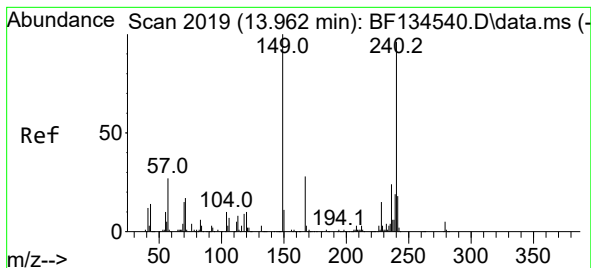
Tgt Ion:198 Resp: 651
Ion Ratio Lower Upper
198 100
51 175.6 38.6 78.6#
105 188.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion:248 Resp: 16727
Ion Ratio Lower Upper
248 100
250 199.1 79.6 119.4#
141 468.3 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: BF134625.D

Acq: 04 Aug 2023 11:11

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10

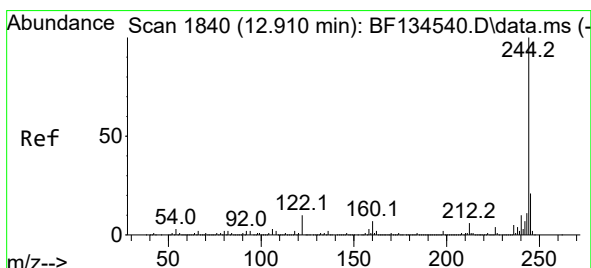
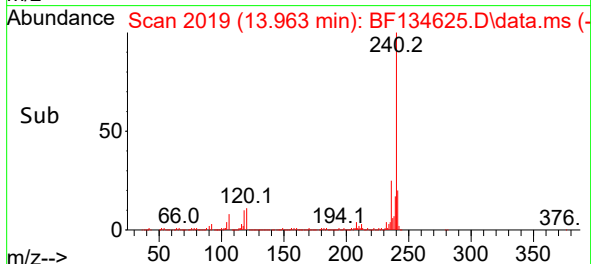
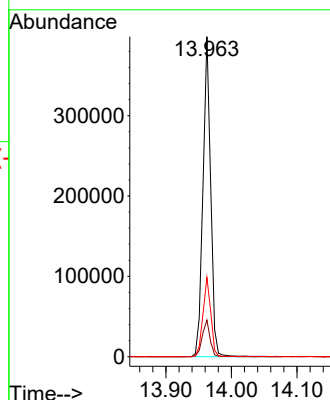
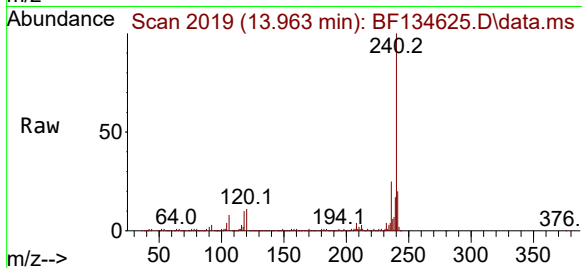
Tgt Ion:240 Resp: 326868

Ion Ratio Lower Upper

240 100

120 11.5 6.6 10.0#

236 24.7 20.2 30.2



#79

Terphenyl-d14

Concen: 53.786 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

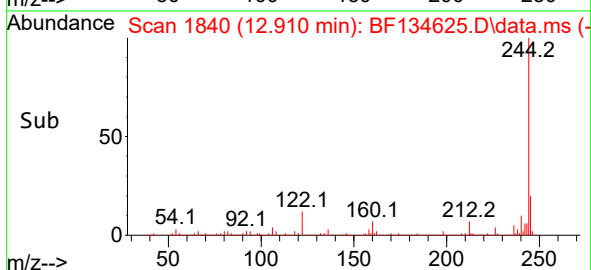
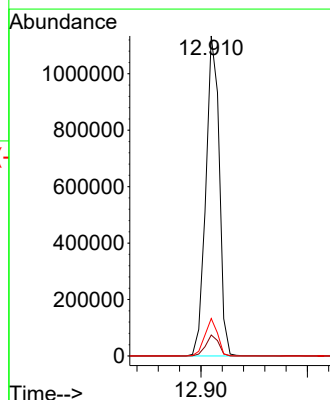
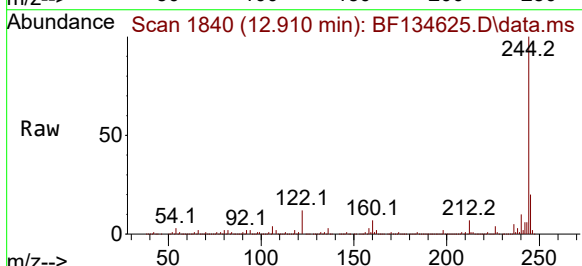
Tgt Ion:244 Resp: 997287

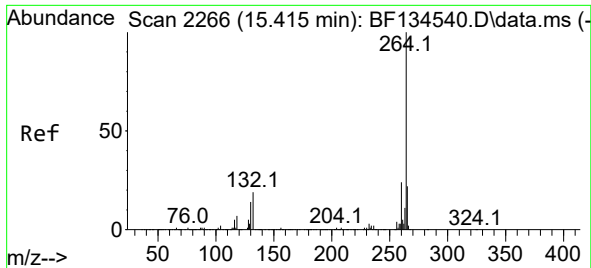
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

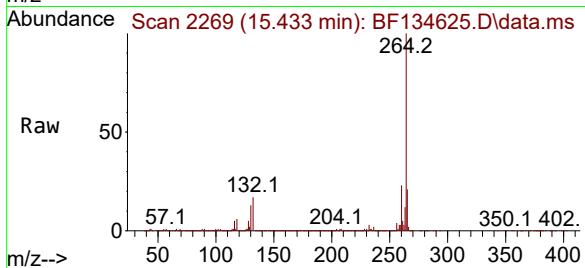
122 11.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10



Tgt Ion:264 Resp: 402203
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.9 15.8 23.8

