

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134561.D
 Acq On : 01 Aug 2023 22:03
 Operator : CG\JU
 Sample : 03741-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:46:32 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)

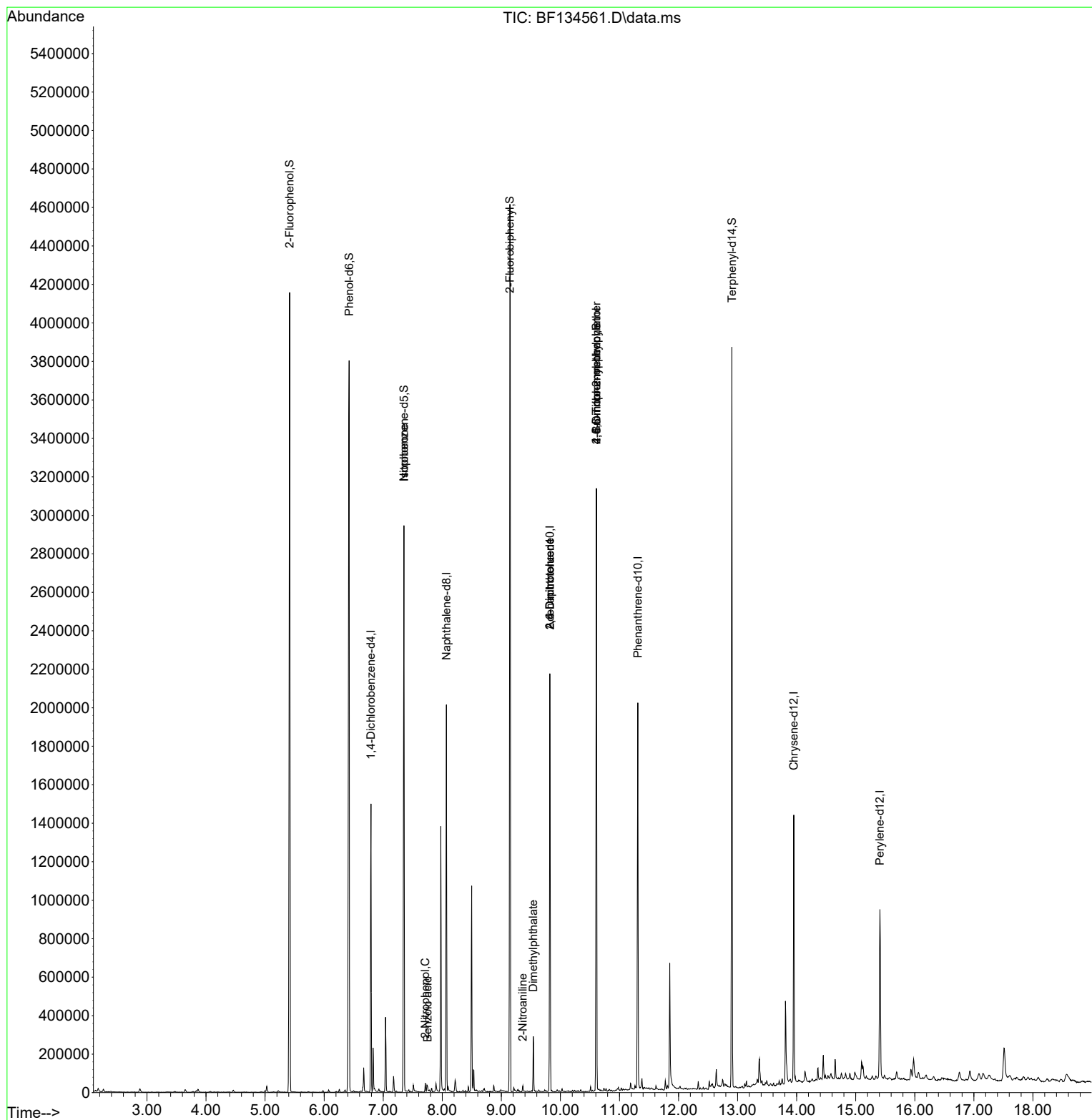
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	197924	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	772676	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	379963	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	663221	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	401017	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	412644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1160205	89.106	ng	0.00
7) Phenol-d6	6.422	99	1491209	89.594	ng	0.00
23) Nitrobenzene-d5	7.351	82	868920	70.277	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	360932	93.183	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1486640	65.054	ng	0.00
79) Terphenyl-d14	12.904	244	1305152	57.374	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	741	Below Cal	#	80
25) Isophorone	7.351	82	868771	32.215	ng	# 65
26) 2-Nitrophenol	7.710	139	348	4.847	ng	# 5
32) Benzoic acid	7.751	122	6522	8.562	ng	89
48) 2-Nitroaniline	9.363	65	417	3.223	ng	# 30
50) Dimethylphthalate	9.539	163	103809	4.009	ng	99
51) 2,6-Dinitrotoluene	9.822	165	49557	11.350	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	49557	10.124	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	852	8.959	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	23641	3.256	ng	# 1

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

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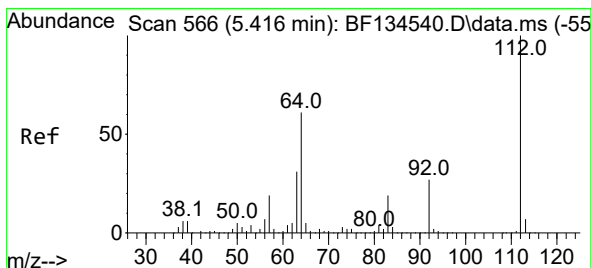
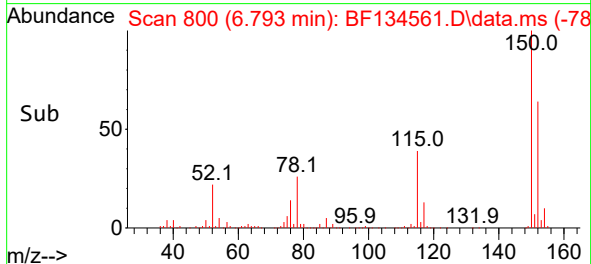
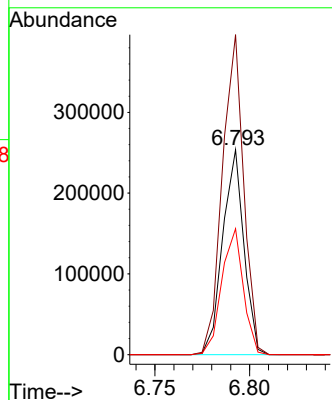
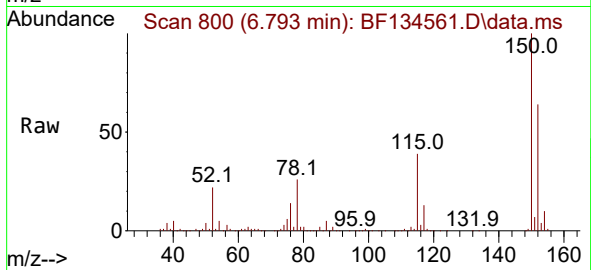




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: BF134561.D
 Acq: 01 Aug 2023 22:03

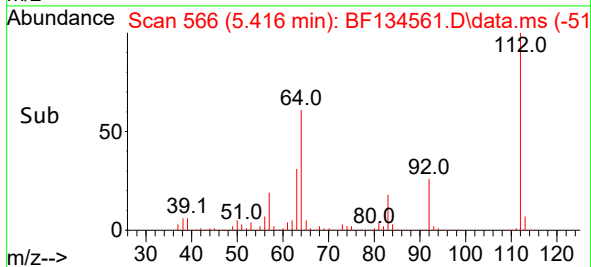
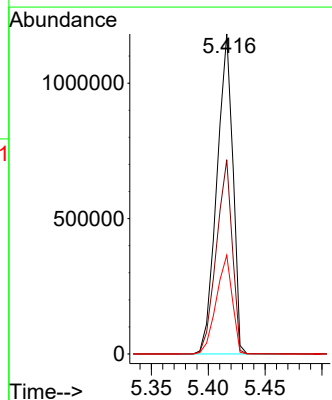
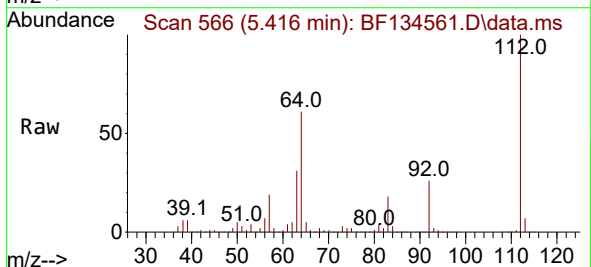
Instrument :
 BNA_F
 ClientSampleId :

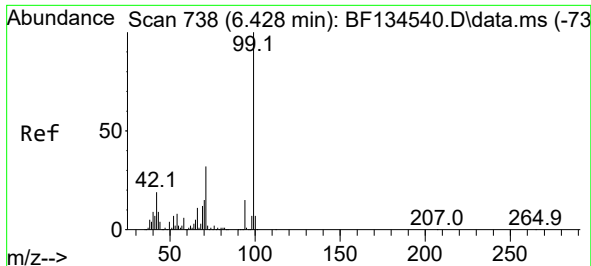
Tgt Ion:152 Resp: 197924
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.3 192.5
 115 61.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 89.106 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134561.D
 Acq: 01 Aug 2023 22:03

Tgt Ion:112 Resp: 1160205
 Ion Ratio Lower Upper
 112 100
 64 60.7 44.9 67.3
 63 30.9 25.4 38.0

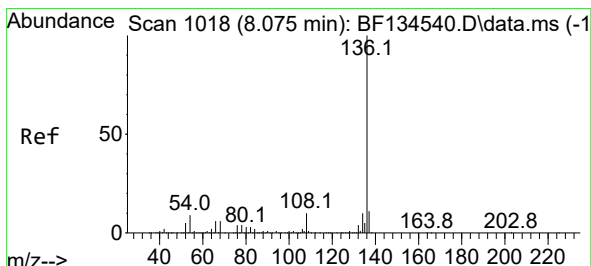
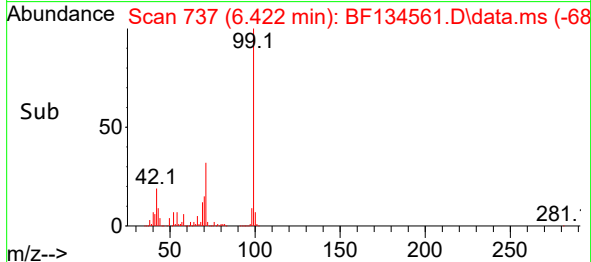
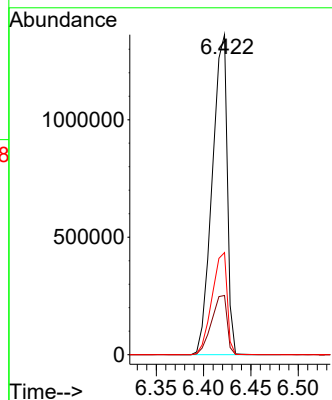
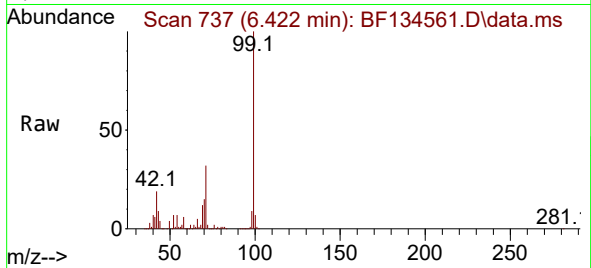




#7
Phenol-d6
Concen: 89.594 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

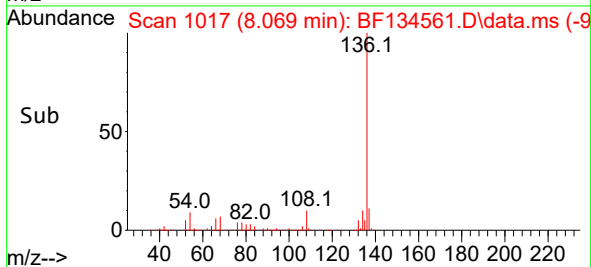
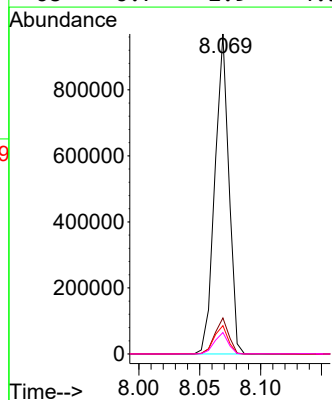
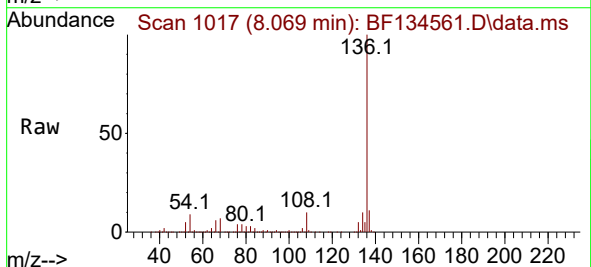
Instrument :
BNA_F
ClientSampleId :

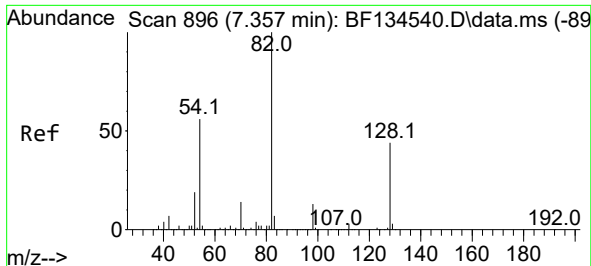
Tgt Ion: 99 Resp: 1491209
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 31.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Tgt Ion: 136 Resp: 772676
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.8 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 70.277 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

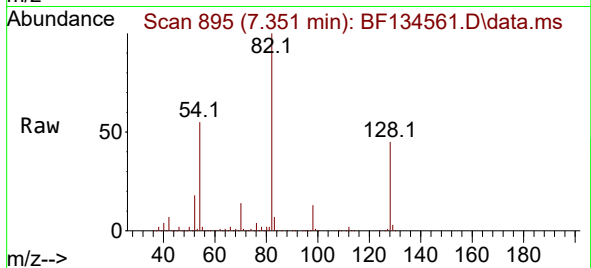
Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

Instrument :

BNA_F

ClientSampleId :



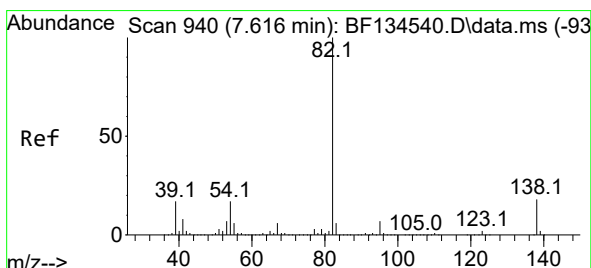
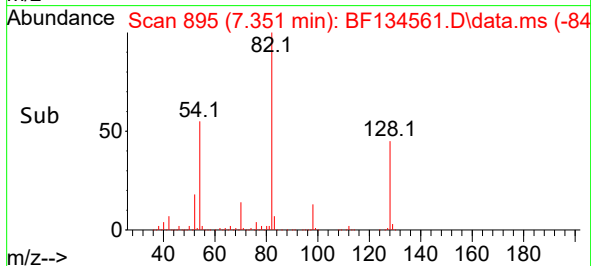
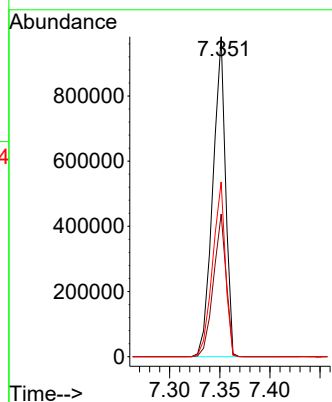
Tgt Ion: 82 Resp: 868920

Ion Ratio Lower Upper

82 100

128 44.6 34.3 51.5

54 54.6 43.8 65.6



#25

Isophorone

Concen: 32.215 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.264 min

Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

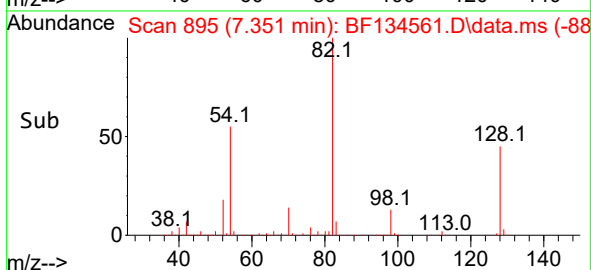
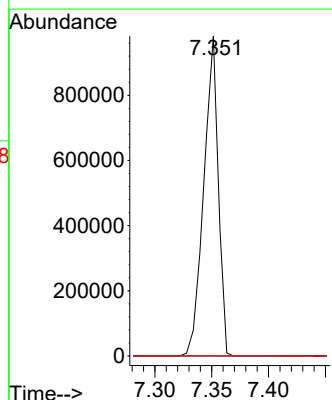
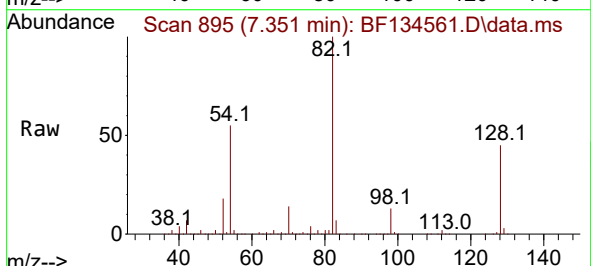
Tgt Ion: 82 Resp: 868771

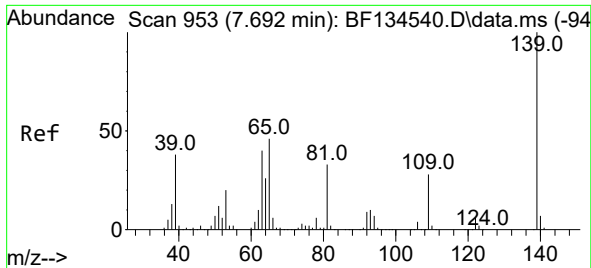
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

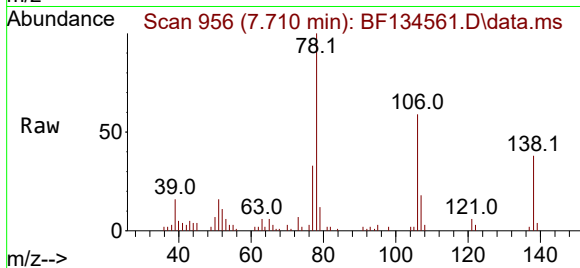
138 0.0 14.6 22.0#



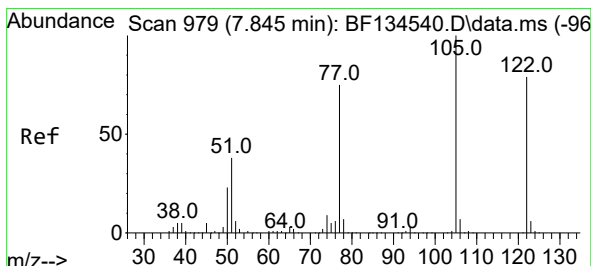
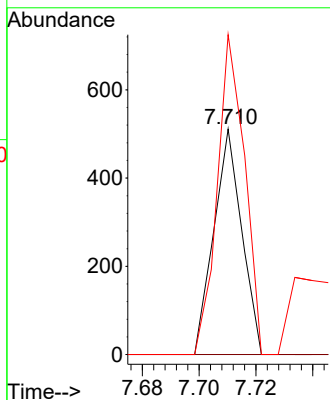
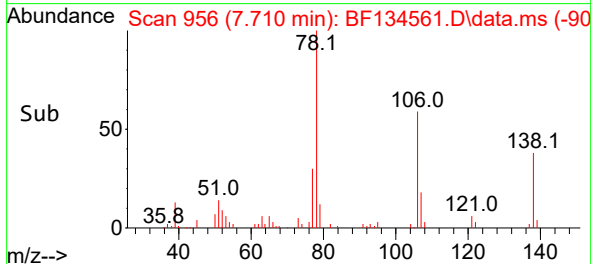


#26
2-Nitrophenol
Concen: 4.847 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Instrument :
BNA_F
ClientSampleId :

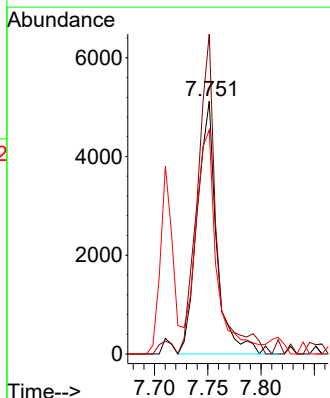
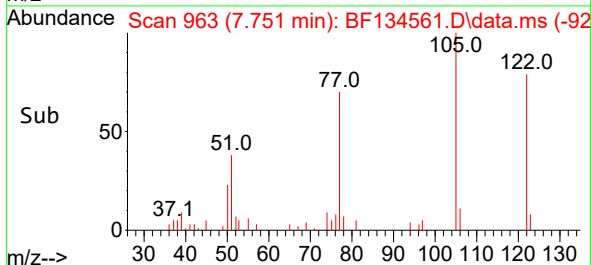
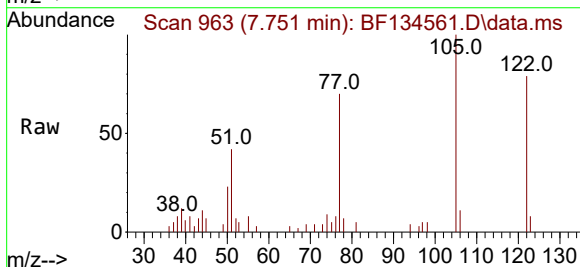


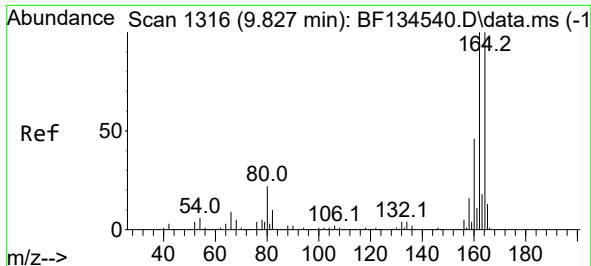
Tgt Ion:139 Resp: 348
Ion Ratio Lower Upper
139 100
109 0.0 29.8 44.6#
65 141.9 45.4 68.2#



#32
Benzoic acid
Concen: 8.562 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.094 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Tgt Ion:122 Resp: 6522
Ion Ratio Lower Upper
122 100
105 126.6 87.5 127.5
77 88.6 71.4 111.4

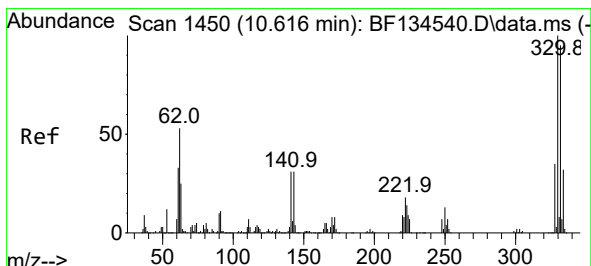
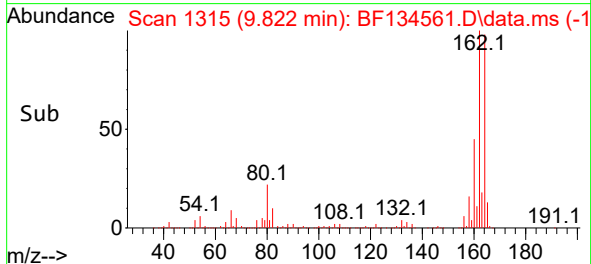
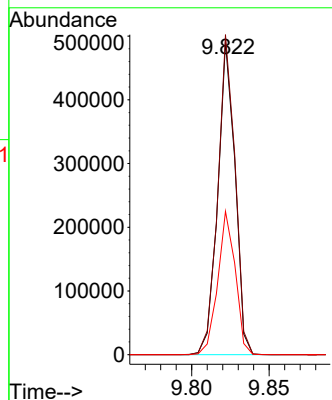
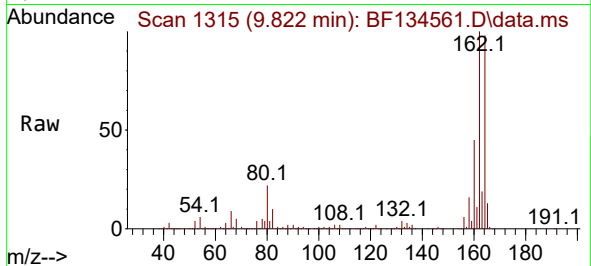




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

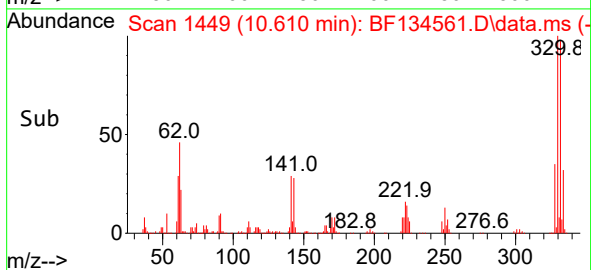
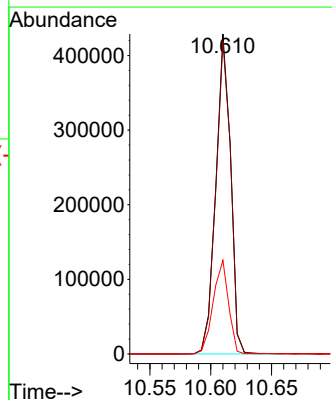
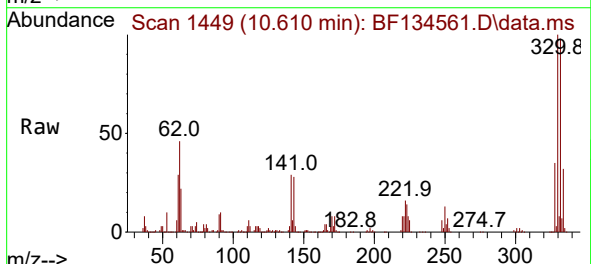
Instrument :
BNA_F
ClientSampleId :

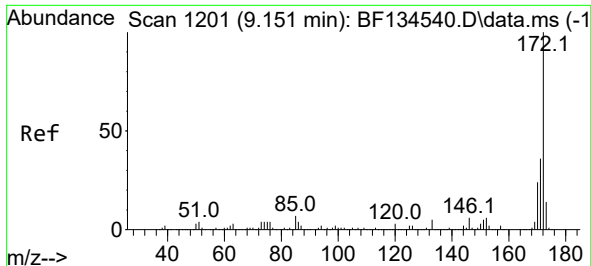
Tgt Ion:164 Resp: 379963
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 45.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 93.183 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Tgt Ion:330 Resp: 360932
Ion Ratio Lower Upper
330 100
332 98.6 78.8 118.2
141 30.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 65.054 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

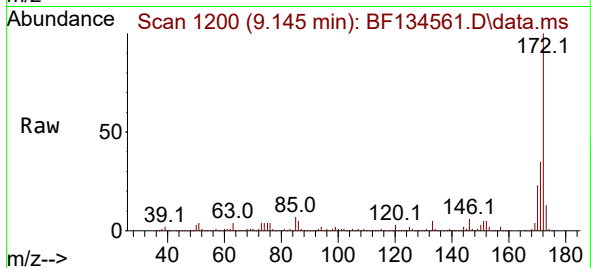
Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

Instrument :

BNA_F

ClientSampleId :



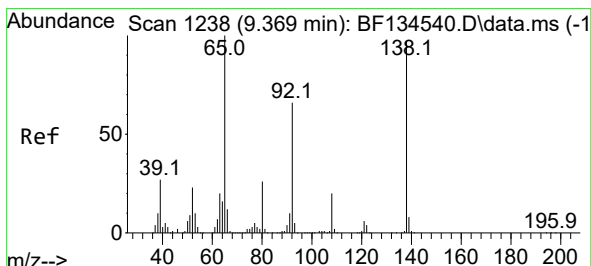
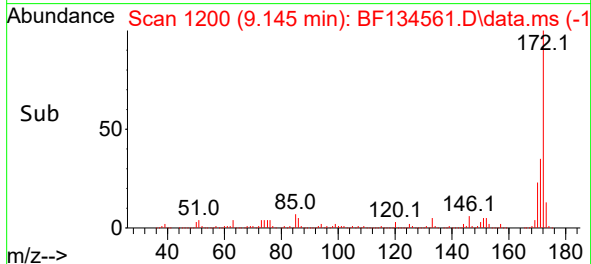
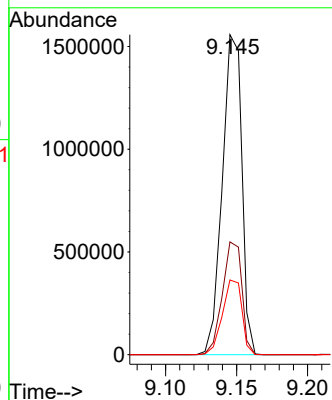
Tgt Ion:172 Resp: 1486640

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.223 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

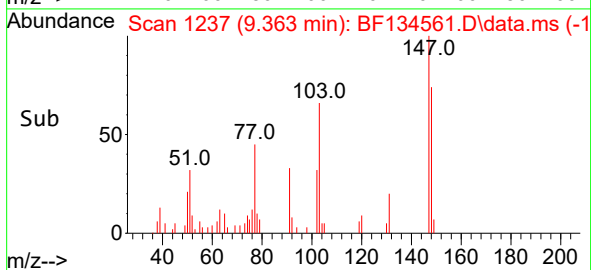
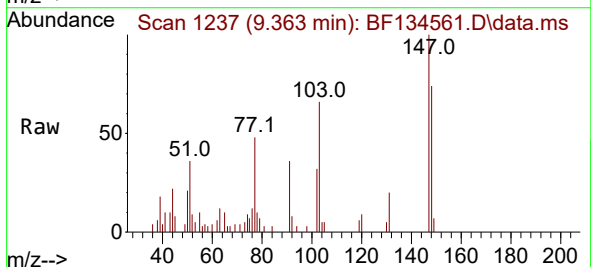
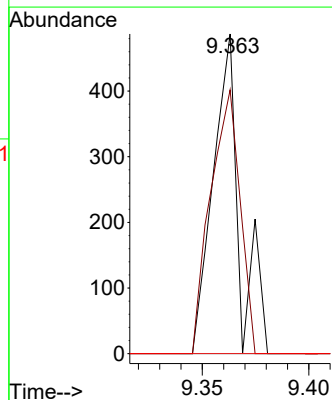
Tgt Ion: 65 Resp: 417

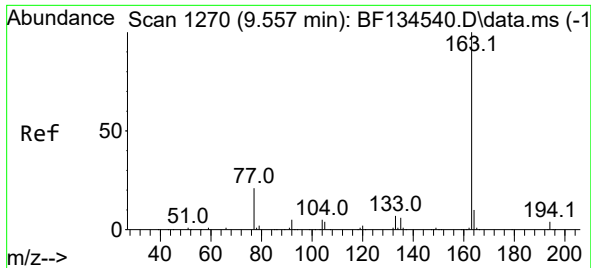
Ion Ratio Lower Upper

65 100

92 82.5 50.7 76.1#

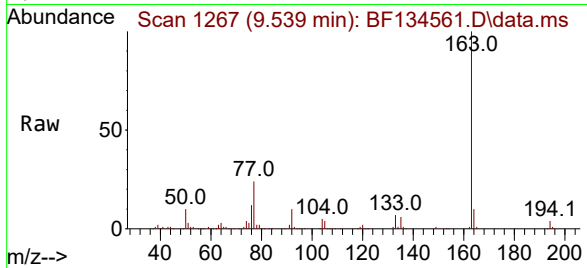
138 0.0 78.2 117.4#



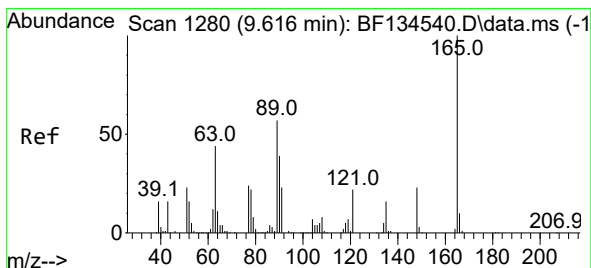
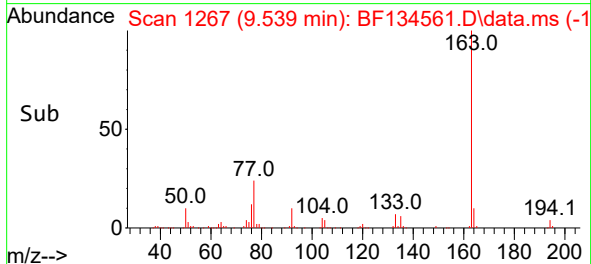
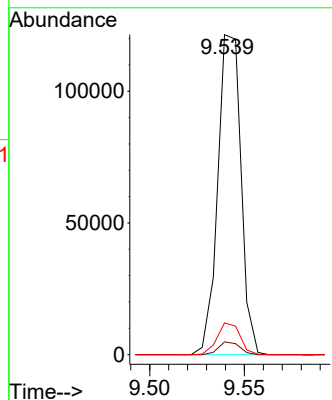


#50
Dimethylphthalate
Concen: 4.009 ng
RT: 9.539 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Instrument :
BNA_F
ClientSampleId :

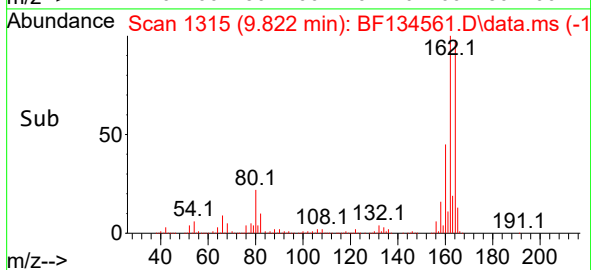
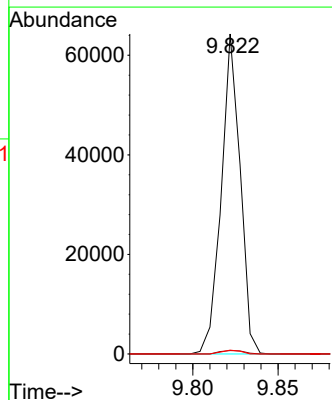
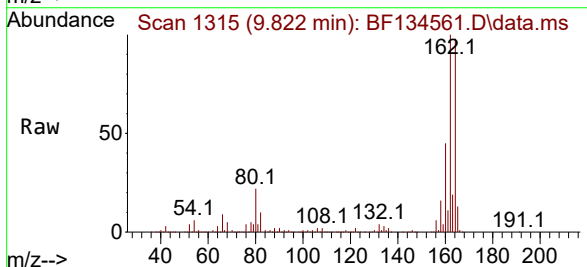


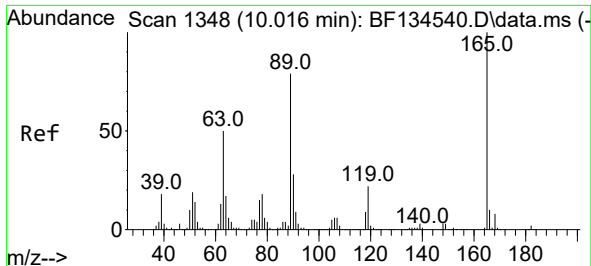
Tgt Ion:163 Resp: 103809
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 11.350 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

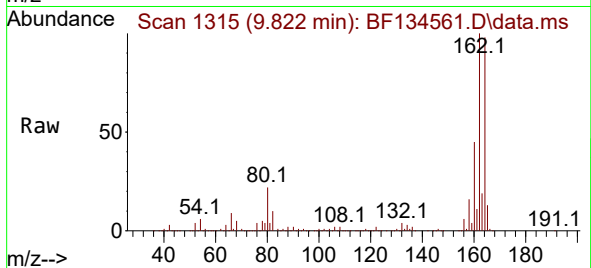
Tgt Ion:165 Resp: 49557
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.2 51.8 77.8#



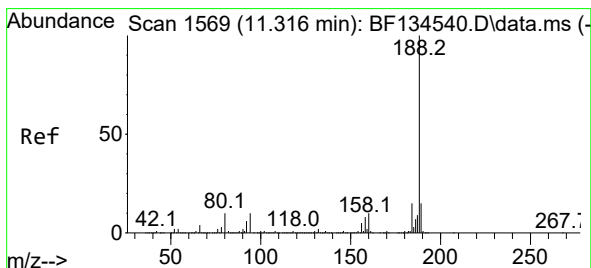
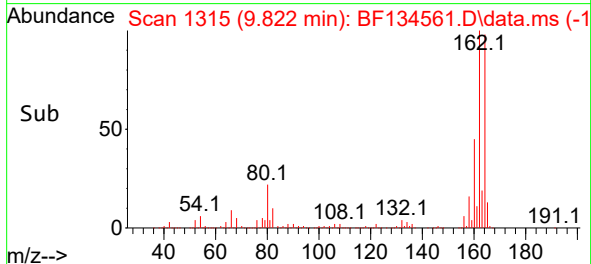
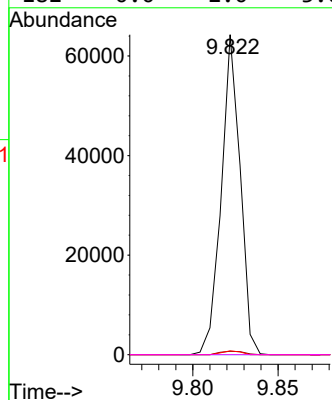


#57
2,4-Dinitrotoluene
Concen: 10.124 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Instrument :
BNA_F
ClientSampleId :

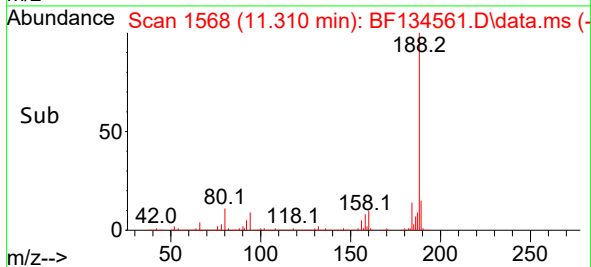
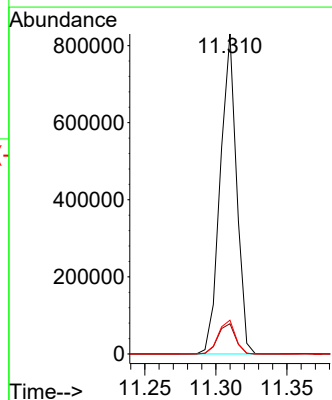
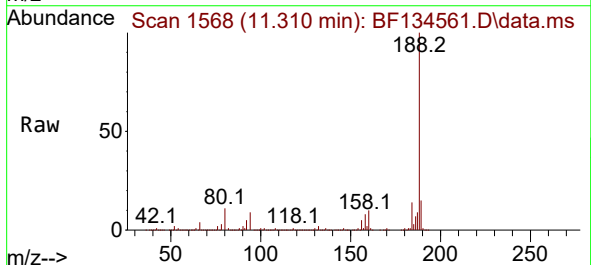


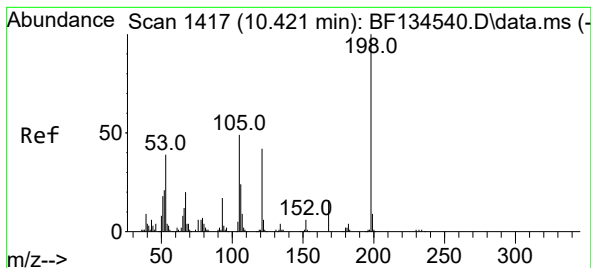
Tgt Ion:165 Resp: 49557
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Tgt Ion:188 Resp: 663221
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 10.6 6.6 9.8#

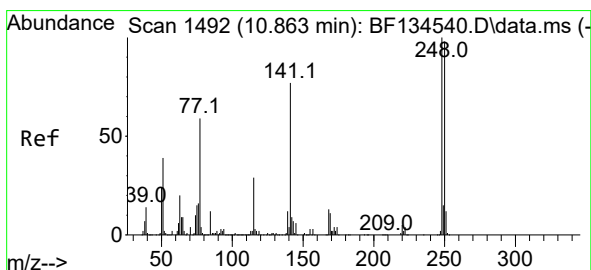
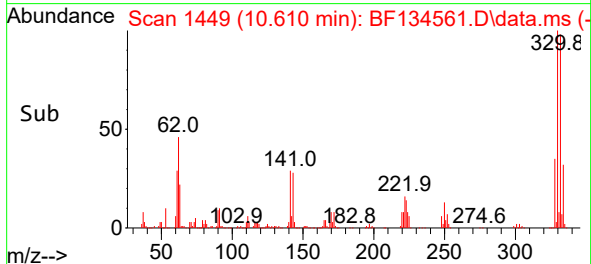
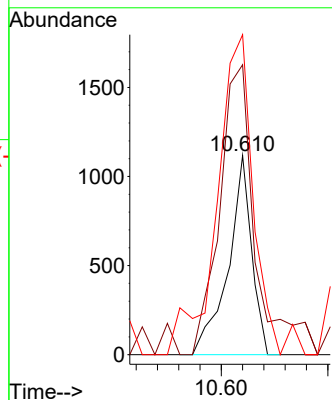
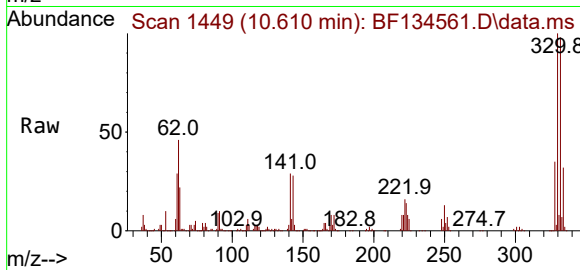




#65
4,6-Dinitro-2-methylphenol
Concen: 8.959 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

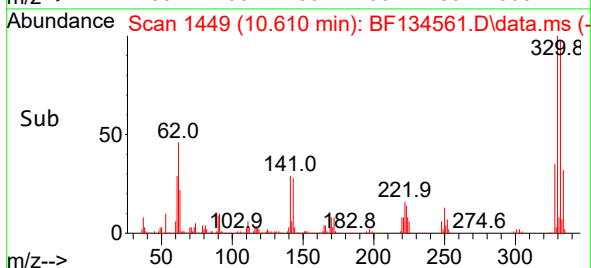
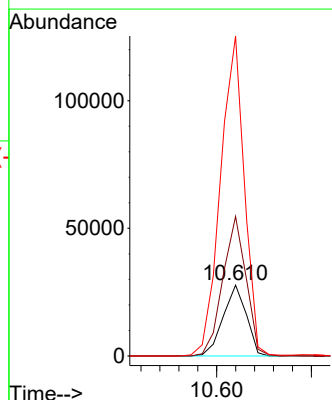
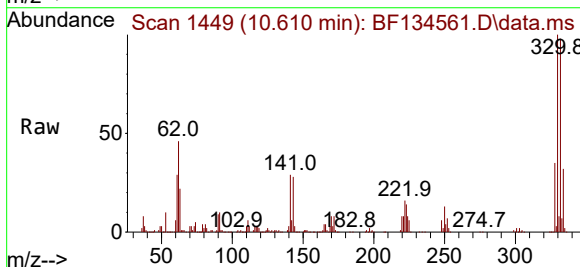
Instrument :
BNA_F
ClientSampleId :

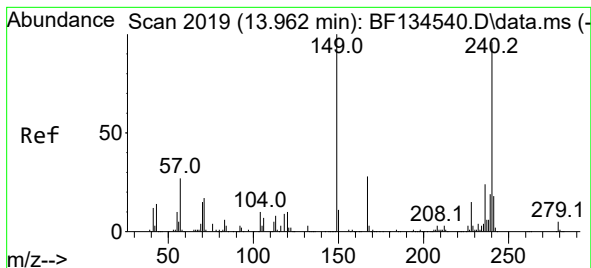
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 145.5 38.6 78.6#
105 160.6 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Tgt Ion:248 Resp: 23641
Ion Ratio Lower Upper
248 100
250 197.0 79.6 119.4#
141 451.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.011 min

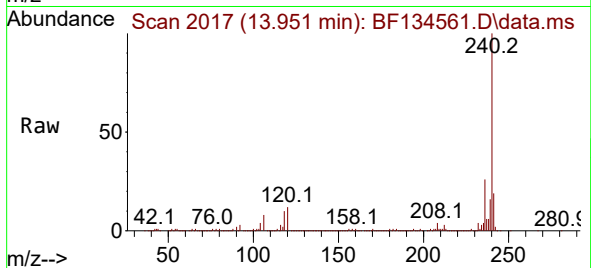
Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

Instrument :

BNA_F

ClientSampleId :



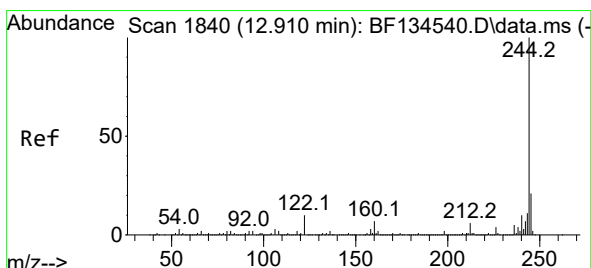
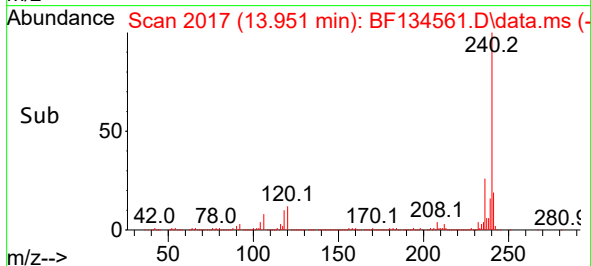
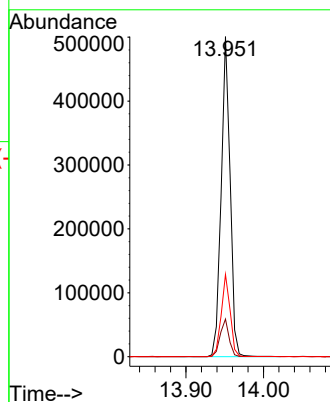
Tgt Ion:240 Resp: 401017

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 57.374 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134561.D

Acq: 01 Aug 2023 22:03

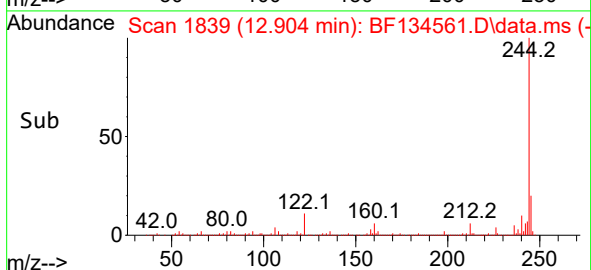
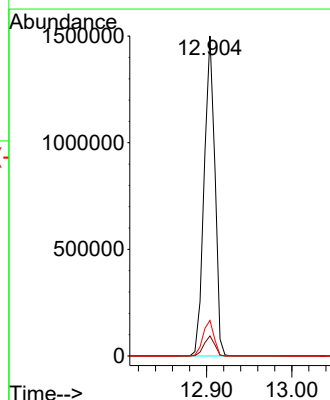
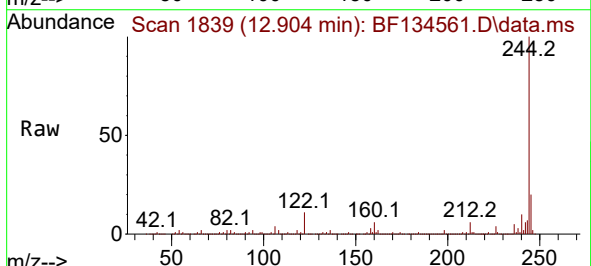
Tgt Ion:244 Resp: 1305152

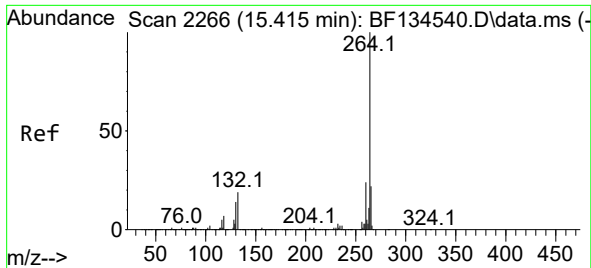
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

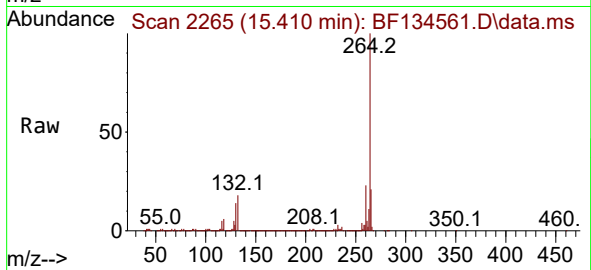
122 11.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134561.D
Acq: 01 Aug 2023 22:03

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 412644

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.3	15.8	23.8

