

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134554.D
 Acq On : 01 Aug 2023 18:20
 Operator : CG\JU
 Sample : 03741-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:44:54 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)

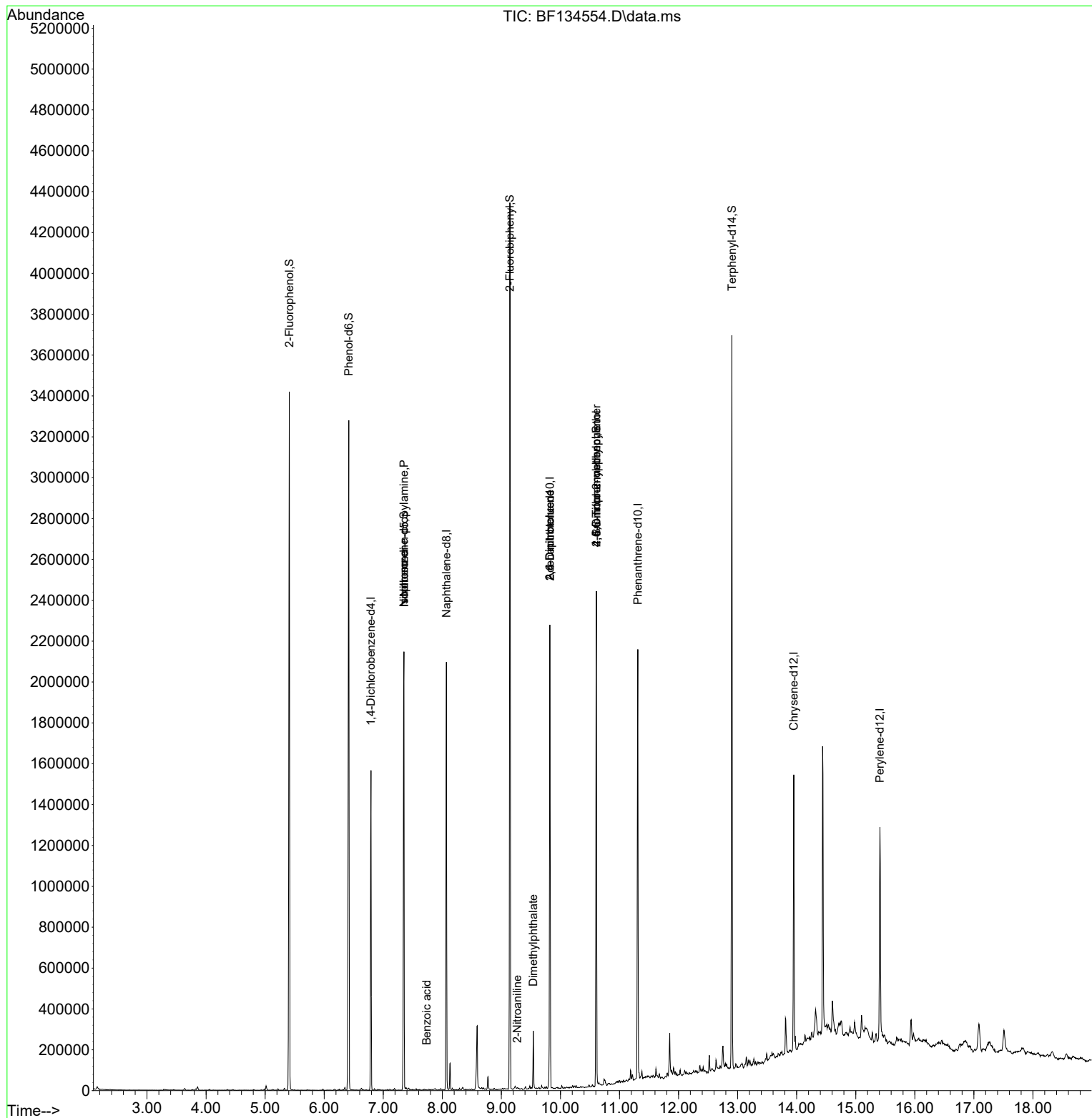
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	206632	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	827765	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	408005	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	715881	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	411231	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	465362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	891706	65.599	ng	0.00
7) Phenol-d6	6.416	99	1144425	65.861	ng	-0.01
23) Nitrobenzene-d5	7.351	82	645964	48.768	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	276976	66.593	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1224998	49.921	ng	0.00
79) Terphenyl-d14	12.904	244	1215567	52.109	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	560	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.351	70	88130	8.471 ng	#	73
25) Isophorone	7.351	82	645836	22.355 ng	#	65
32) Benzoic acid	7.734	122	158	7.883 ng	#	83
48) 2-Nitroaniline	9.269	65	226	3.195 ng	#	8
50) Dimethylphthalate	9.539	163	92563	3.329 ng	#	98
51) 2,6-Dinitrotoluene	9.822	165	53772	11.442 ng	#	17
57) 2,4-Dinitrotoluene	9.822	165	53772	10.200 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	810	8.928 ng	#	1
67) 4-Bromophenyl-phenylether	10.610	248	17780	2.269 ng	#	1

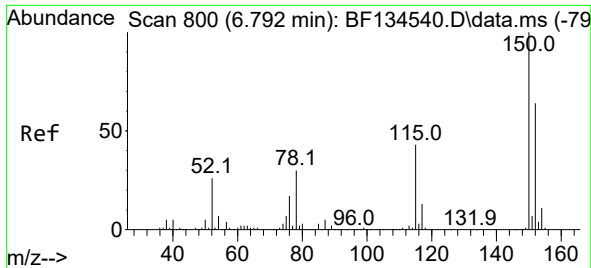
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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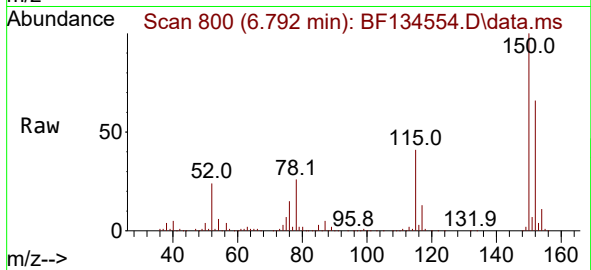
Quant Time: Aug 02 02:44:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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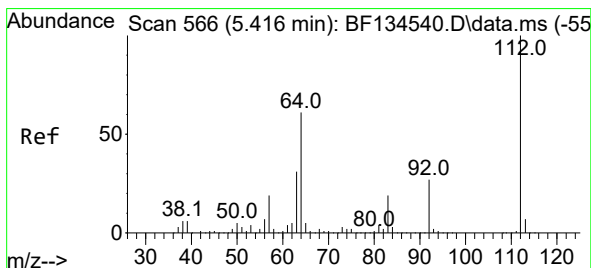
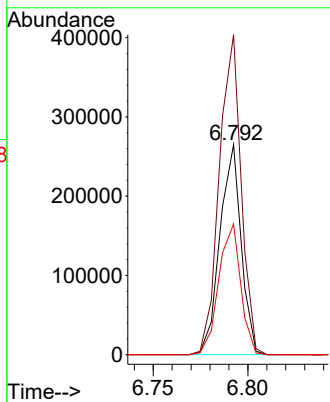
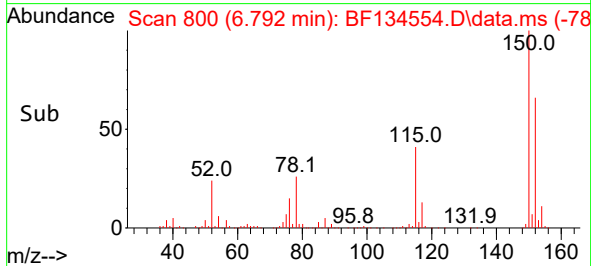


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134554.D
 Acq: 01 Aug 2023 18:20

Instrument :
 BNA_F
 ClientSampleId :

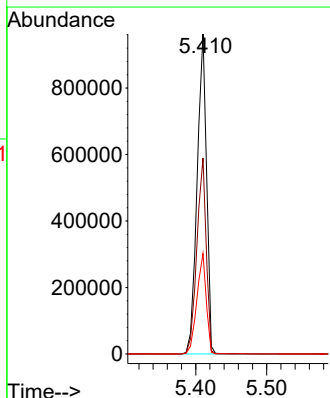
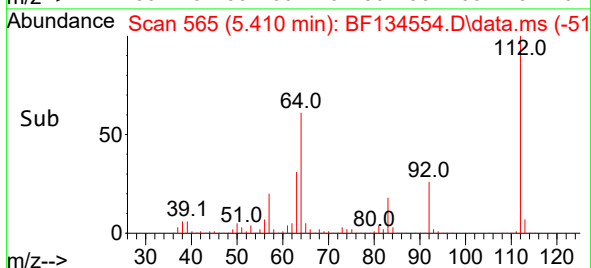
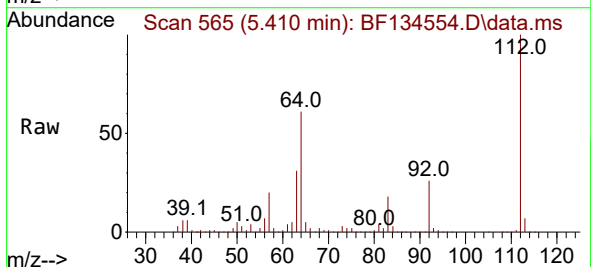


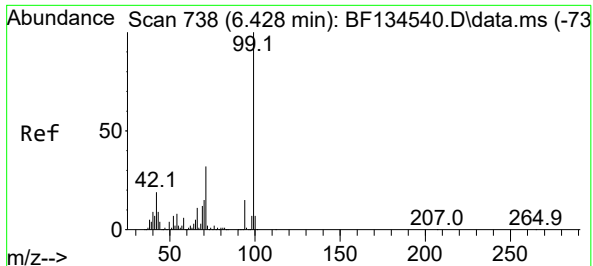
Tgt Ion:152 Resp: 206632
 Ion Ratio Lower Upper
 152 100
 150 152.3 128.3 192.5
 115 62.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 65.599 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF134554.D
 Acq: 01 Aug 2023 18:20

Tgt Ion:112 Resp: 891706
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.9 67.3
 63 31.4 25.4 38.0

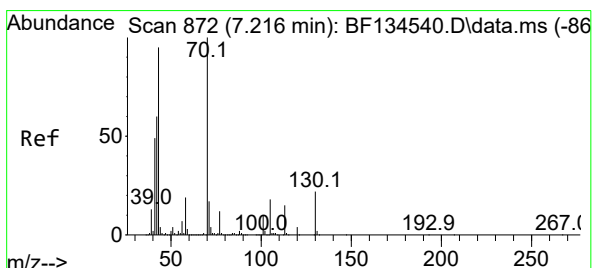
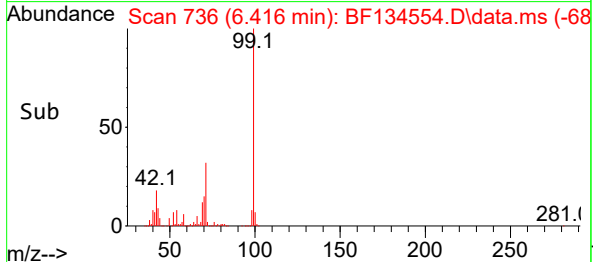
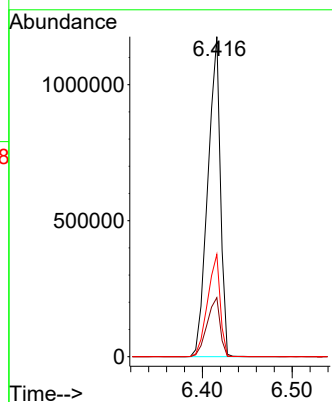
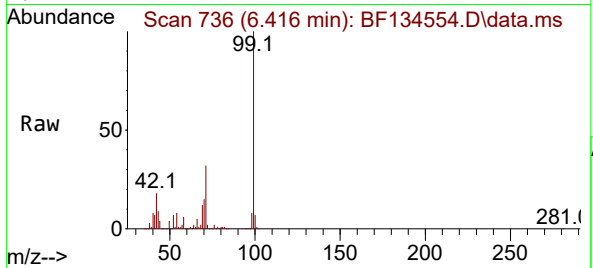




#7
Phenol-d6
Concen: 65.861 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

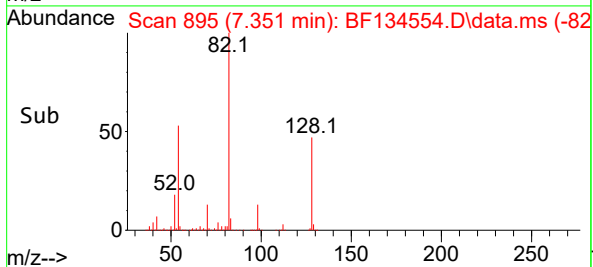
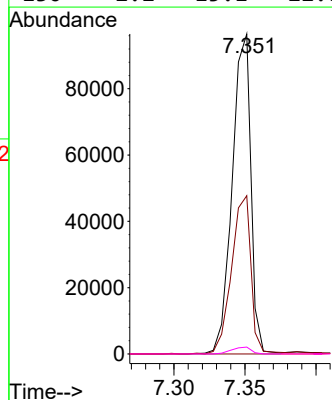
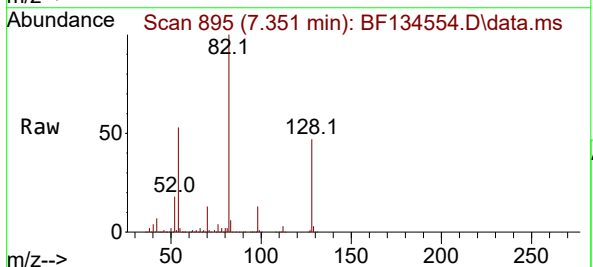
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1144425
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 31.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.471 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

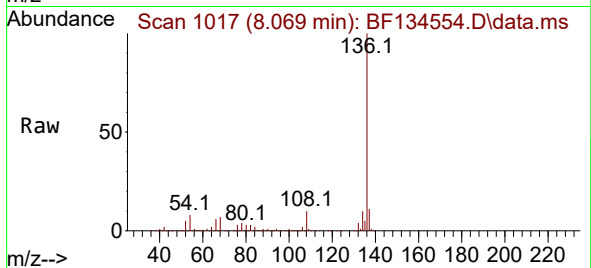
Tgt Ion: 70 Resp: 88130
Ion Ratio Lower Upper
70 100
42 49.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#



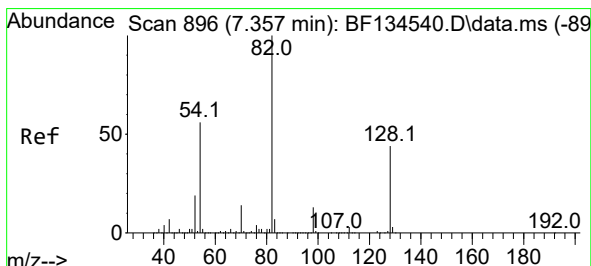
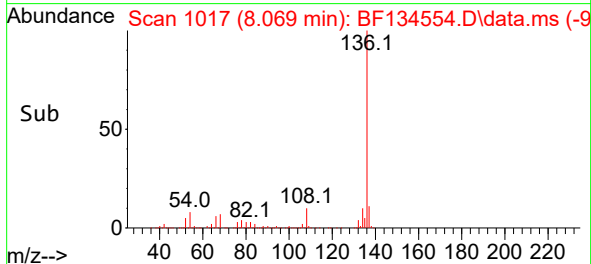
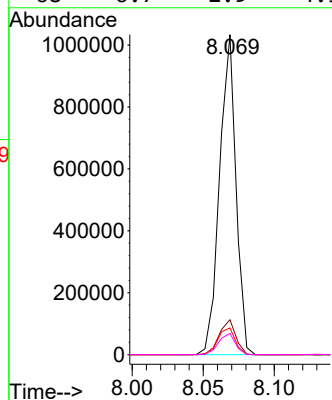


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

Instrument :
BNA_F
ClientSampleId :

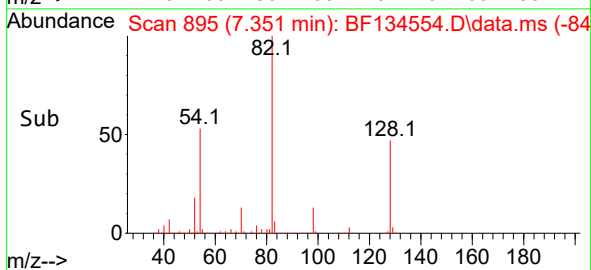
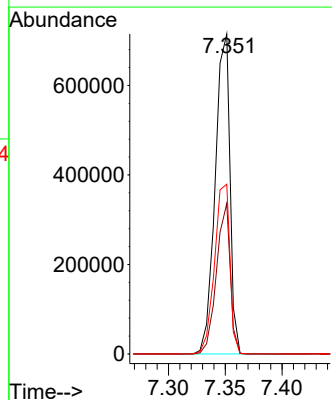
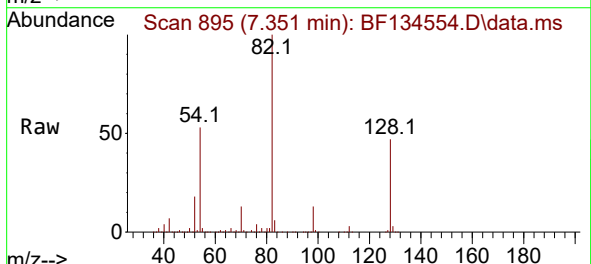


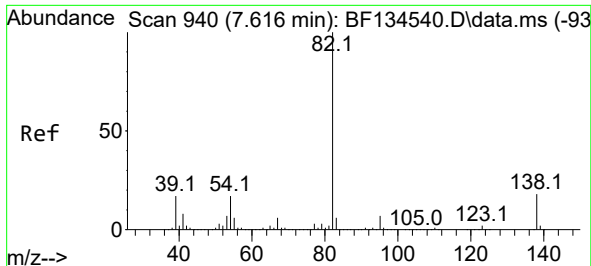
Tgt Ion:136 Resp: 827765
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.4 5.2 7.8#
68 6.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 48.768 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

Tgt Ion: 82 Resp: 645964
Ion Ratio Lower Upper
82 100
128 47.0 34.3 51.5
54 53.1 43.8 65.6

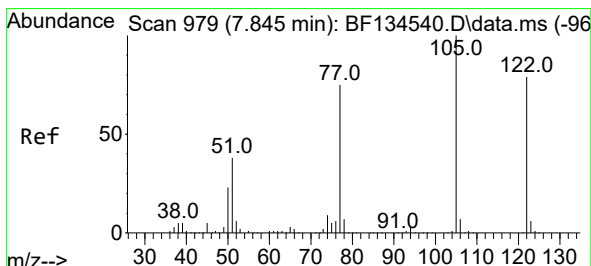
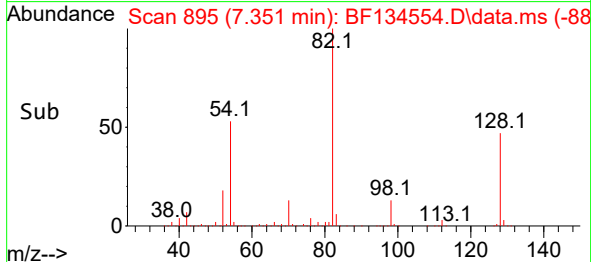
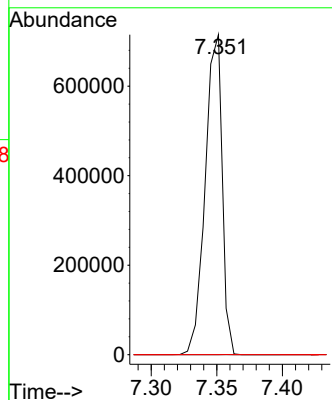
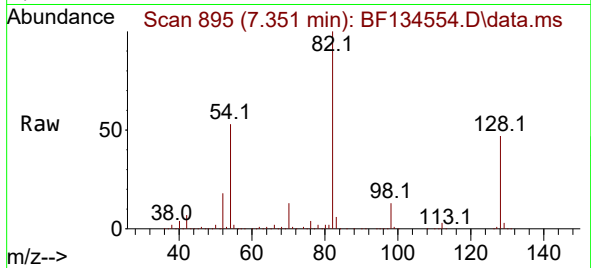




#25
Isophorone
Concen: 22.355 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

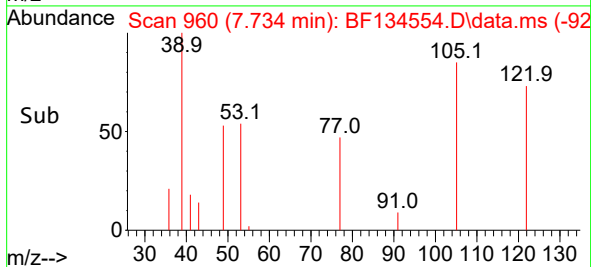
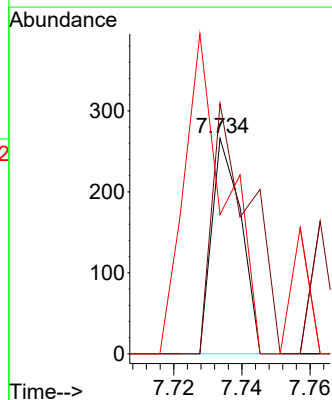
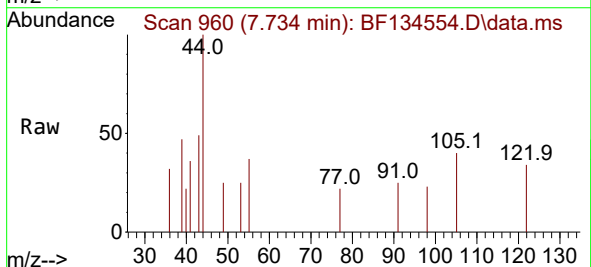
Instrument :
BNA_F
ClientSampleId :

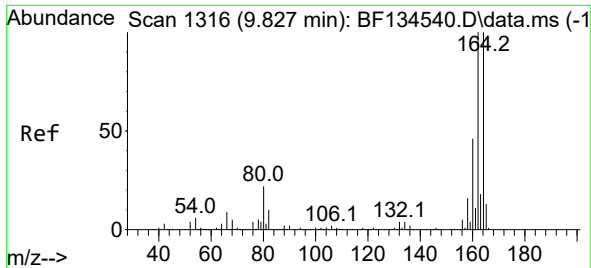
Tgt Ion: 82 Resp: 645836
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.883 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.111 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

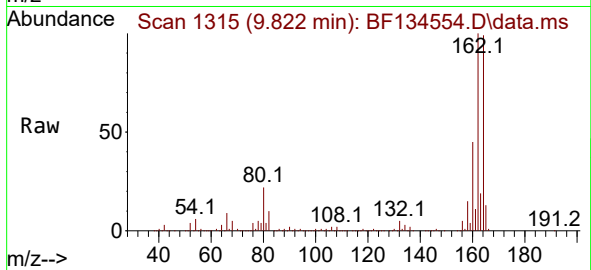
Tgt Ion: 122 Resp: 158
Ion Ratio Lower Upper
122 100
105 116.2 87.5 127.5
77 64.7 71.4 111.4#



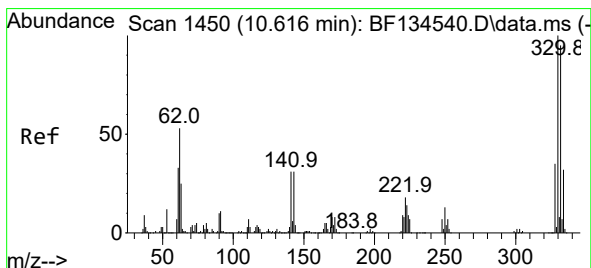
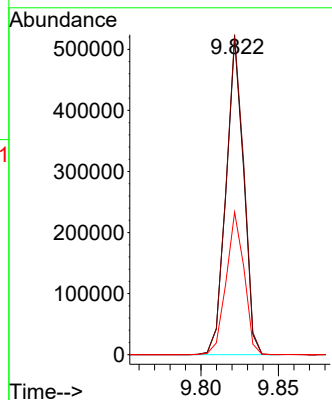
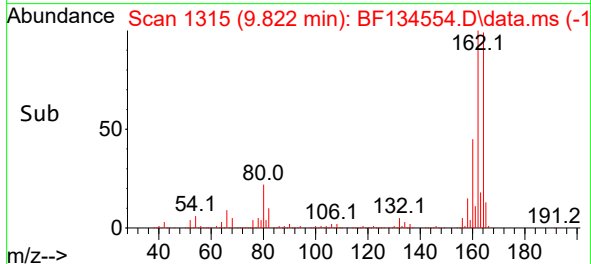


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

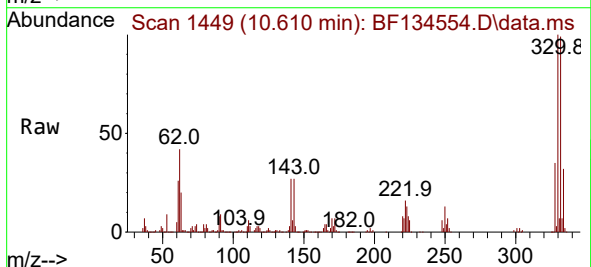
Instrument :
BNA_F
ClientSampleId :



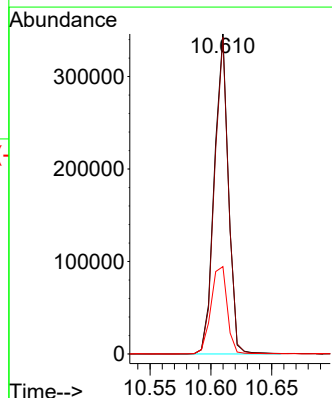
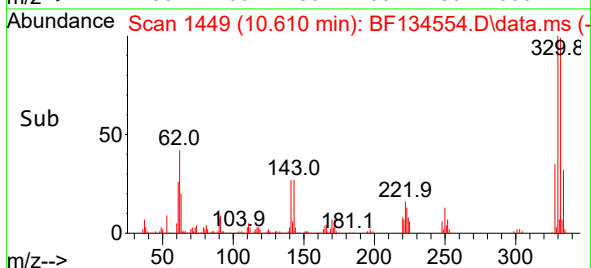
Tgt Ion:164 Resp: 408005
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 45.1 37.2 55.8

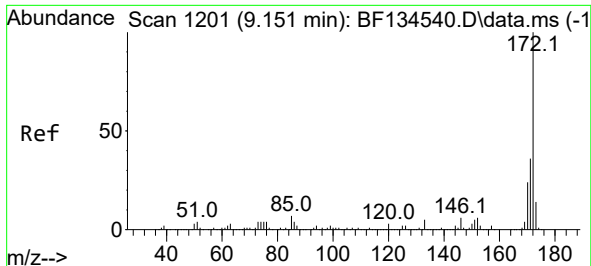


#42
2,4,6-Tribromophenol
Concen: 66.593 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20



Tgt Ion:330 Resp: 276976
Ion Ratio Lower Upper
330 100
332 98.2 78.8 118.2
141 32.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 49.921 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

Instrument :

BNA_F

ClientSampleId :

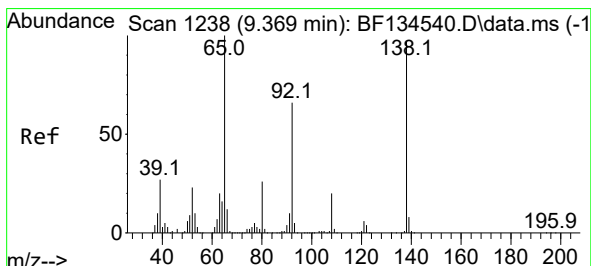
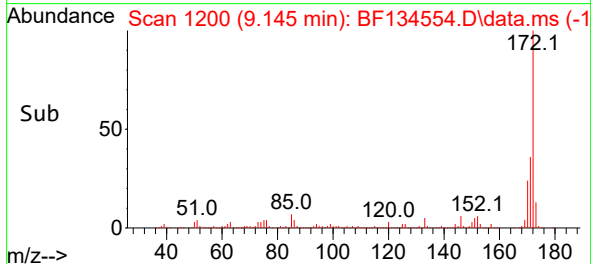
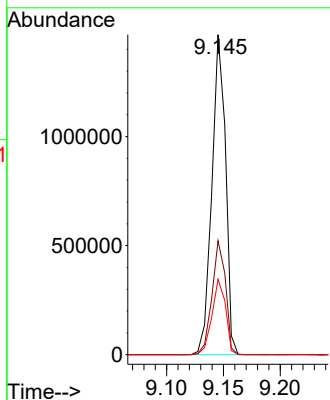
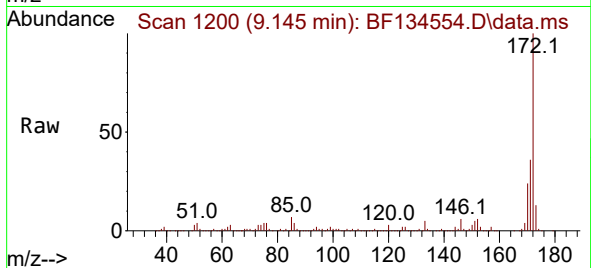
Tgt Ion:172 Resp: 1224998

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.195 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

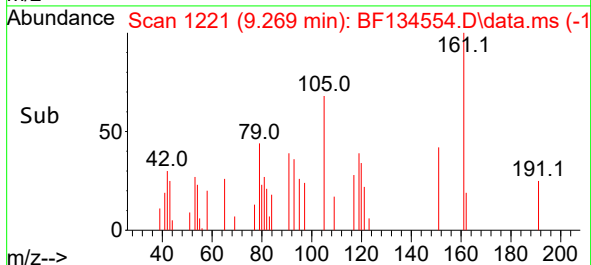
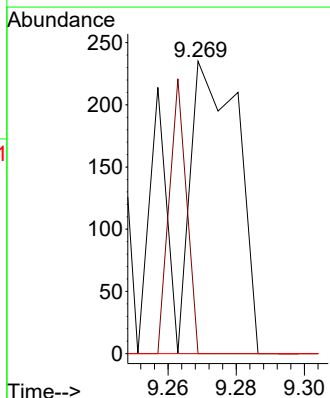
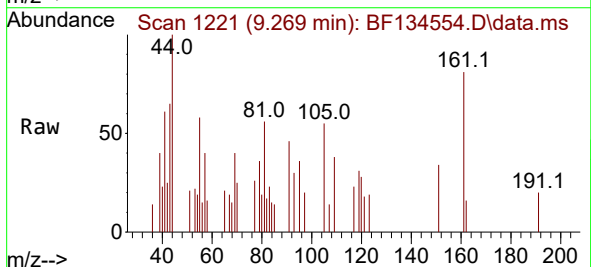
Tgt Ion: 65 Resp: 226

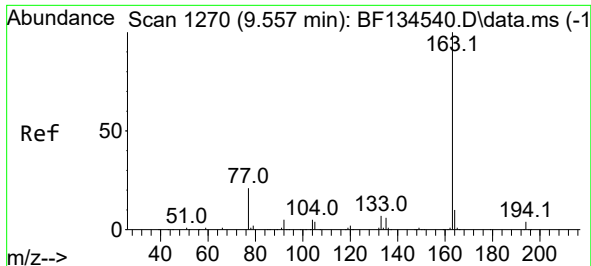
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

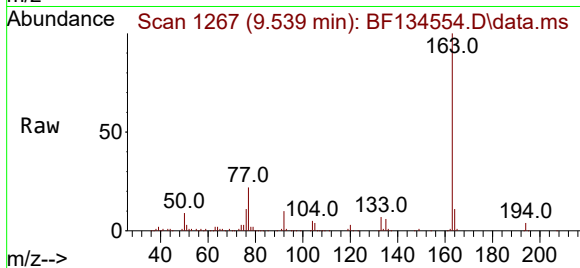
138 0.0 78.2 117.4#



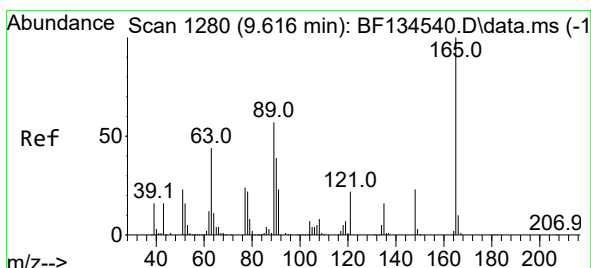
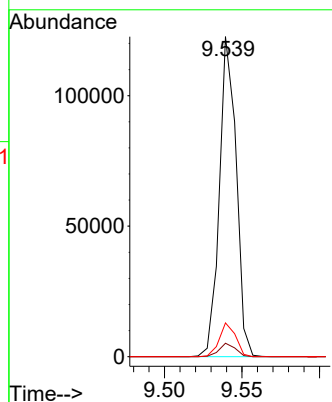
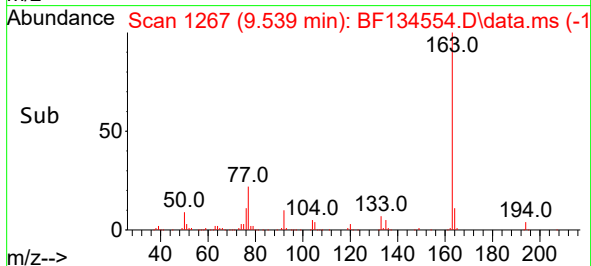


#50
 Dimethylphthalate
 Concen: 3.329 ng
 RT: 9.539 min Scan# 1315
 Delta R.T. -0.018 min
 Lab File: BF134554.D
 Acq: 01 Aug 2023 18:20

Instrument :
 BNA_F
 ClientSampleId :

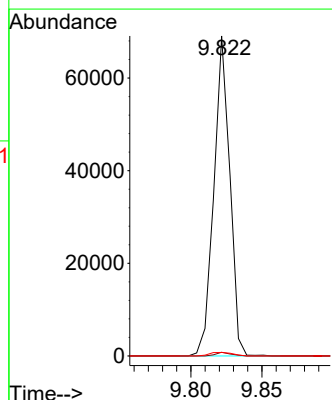
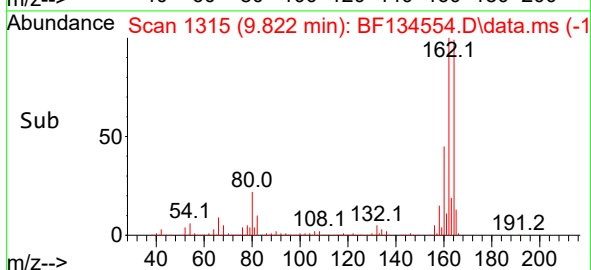
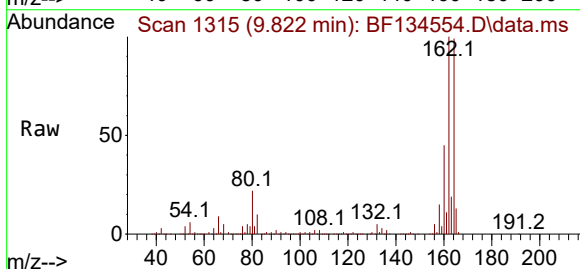


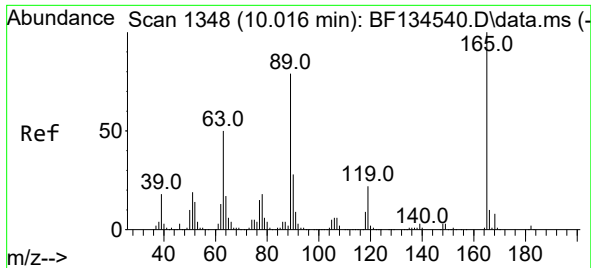
Tgt Ion:163 Resp: 92563
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.5 7.5 11.3



#51
 2,6-Dinitrotoluene
 Concen: 11.442 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. 0.206 min
 Lab File: BF134554.D
 Acq: 01 Aug 2023 18:20

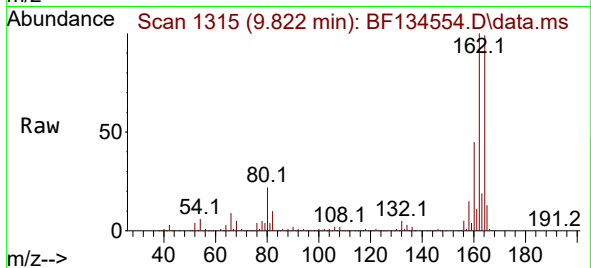
Tgt Ion:165 Resp: 53772
 Ion Ratio Lower Upper
 165 100
 63 1.1 57.8 86.6#
 89 1.1 51.8 77.8#



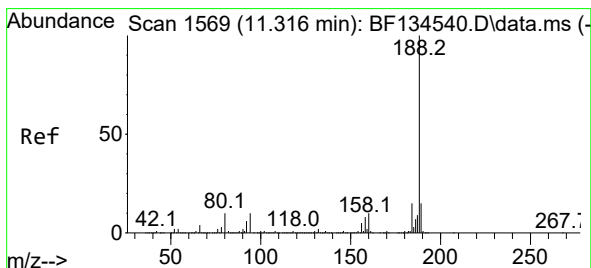
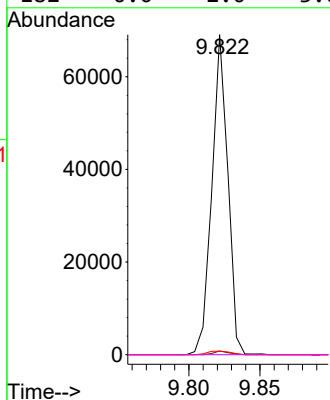
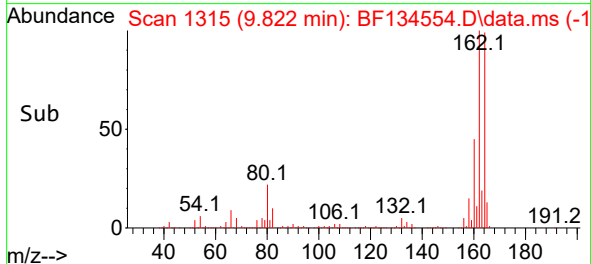


#57
2,4-Dinitrotoluene
Concen: 10.200 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

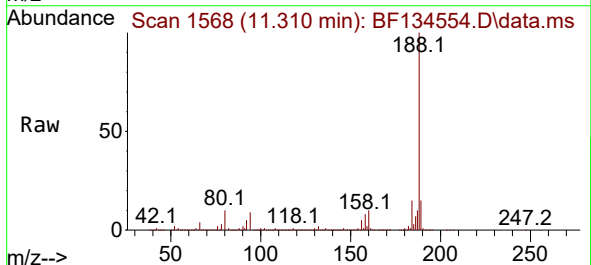
Instrument :
BNA_F
ClientSampleId :



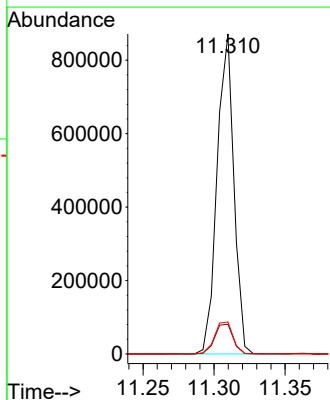
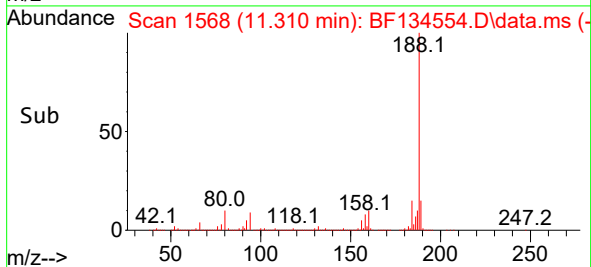
Tgt Ion:165 Resp: 53772
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#

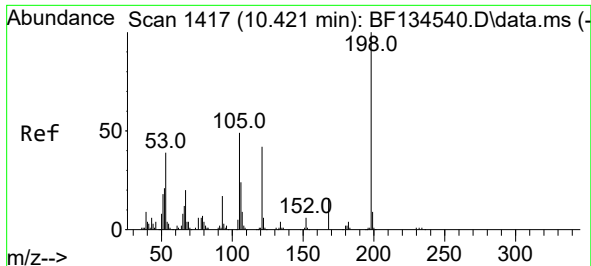


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20



Tgt Ion:188 Resp: 715881
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.0 6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.928 ng

RT: 10.610 min Scan# 1417

Delta R.T. 0.189 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

Instrument :

BNA_F

ClientSampleId :

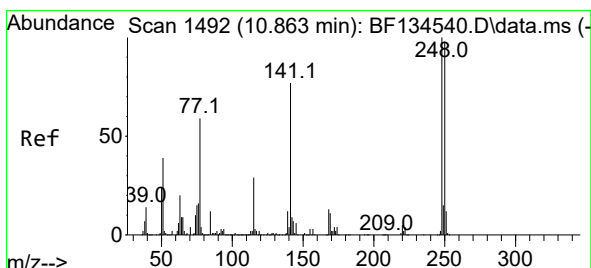
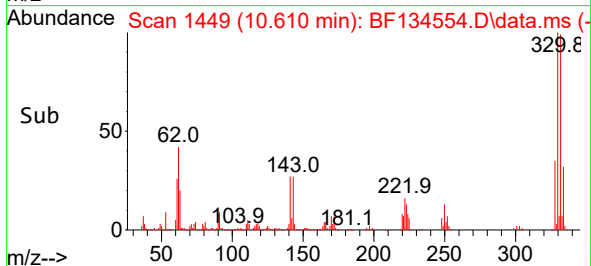
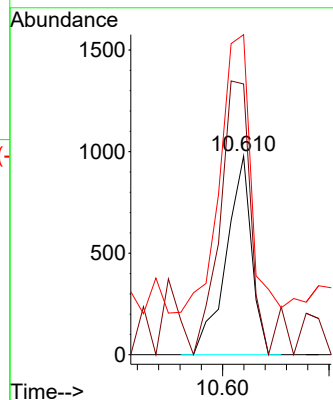
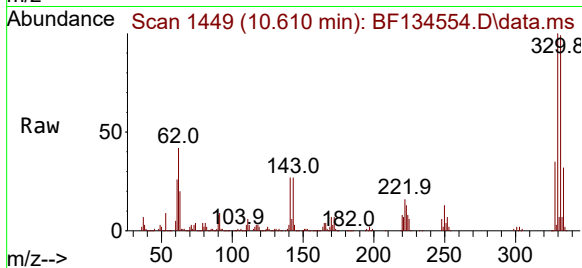
Tgt Ion:198 Resp: 810

Ion Ratio Lower Upper

198 100

51 136.3 38.6 78.6#

105 161.1 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 2.269 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

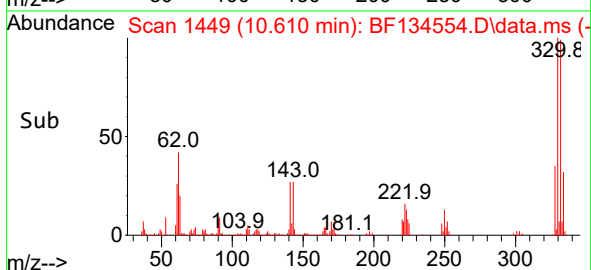
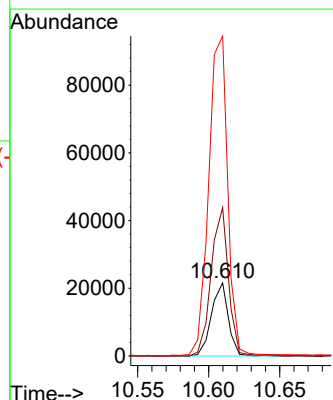
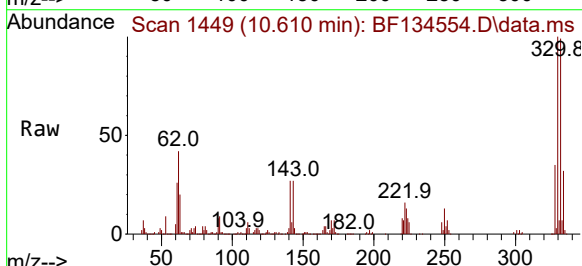
Tgt Ion:248 Resp: 17780

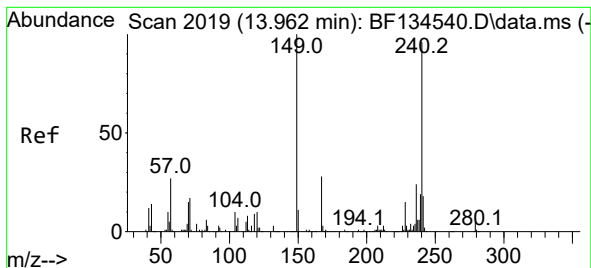
Ion Ratio Lower Upper

248 100

250 202.9 79.6 119.4#

141 438.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

Instrument :

BNA_F

ClientSampleId :

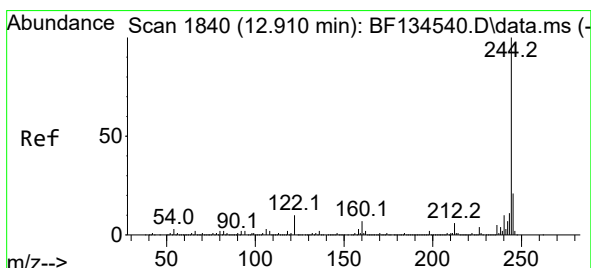
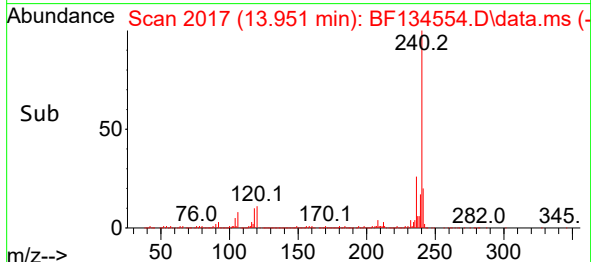
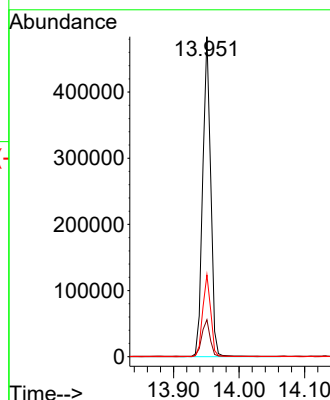
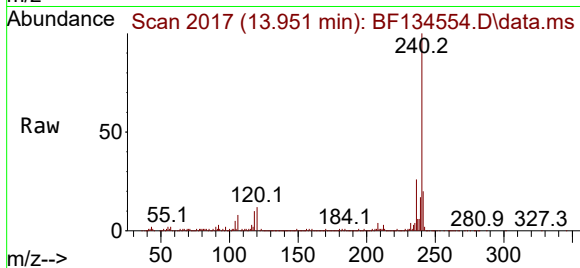
Tgt Ion:240 Resp: 411231

Ion Ratio Lower Upper

240 100

120 11.5 6.6 10.0#

236 25.5 20.2 30.2



#79

Terphenyl-d14

Concen: 52.109 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134554.D

Acq: 01 Aug 2023 18:20

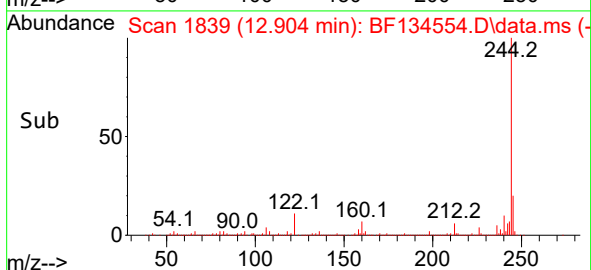
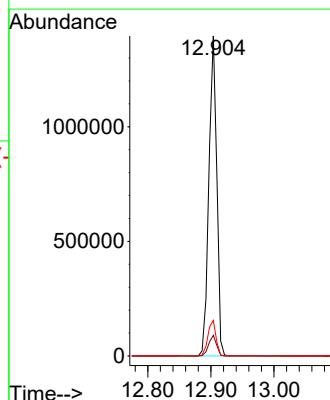
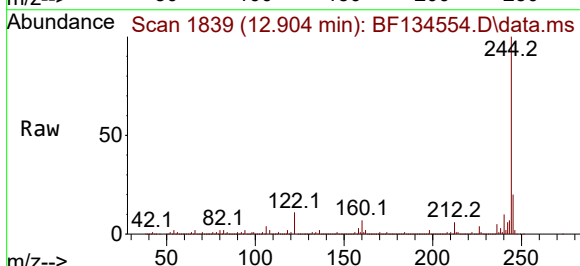
Tgt Ion:244 Resp: 1215567

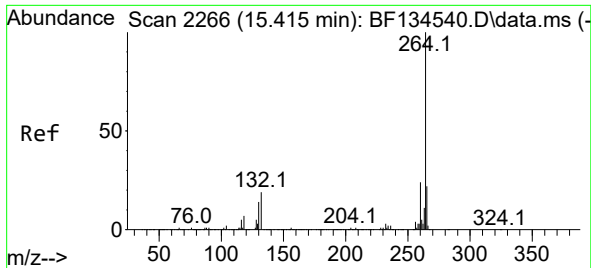
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

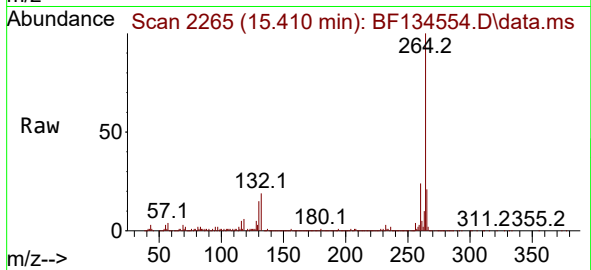
122 11.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134554.D
Acq: 01 Aug 2023 18:20

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:	264	Resp:	465362
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	21.4	15.8	23.8

