

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134473.D
 Acq On : 25 Jul 2023 20:50
 Operator : CG\JU
 Sample : 03647-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 02:06:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

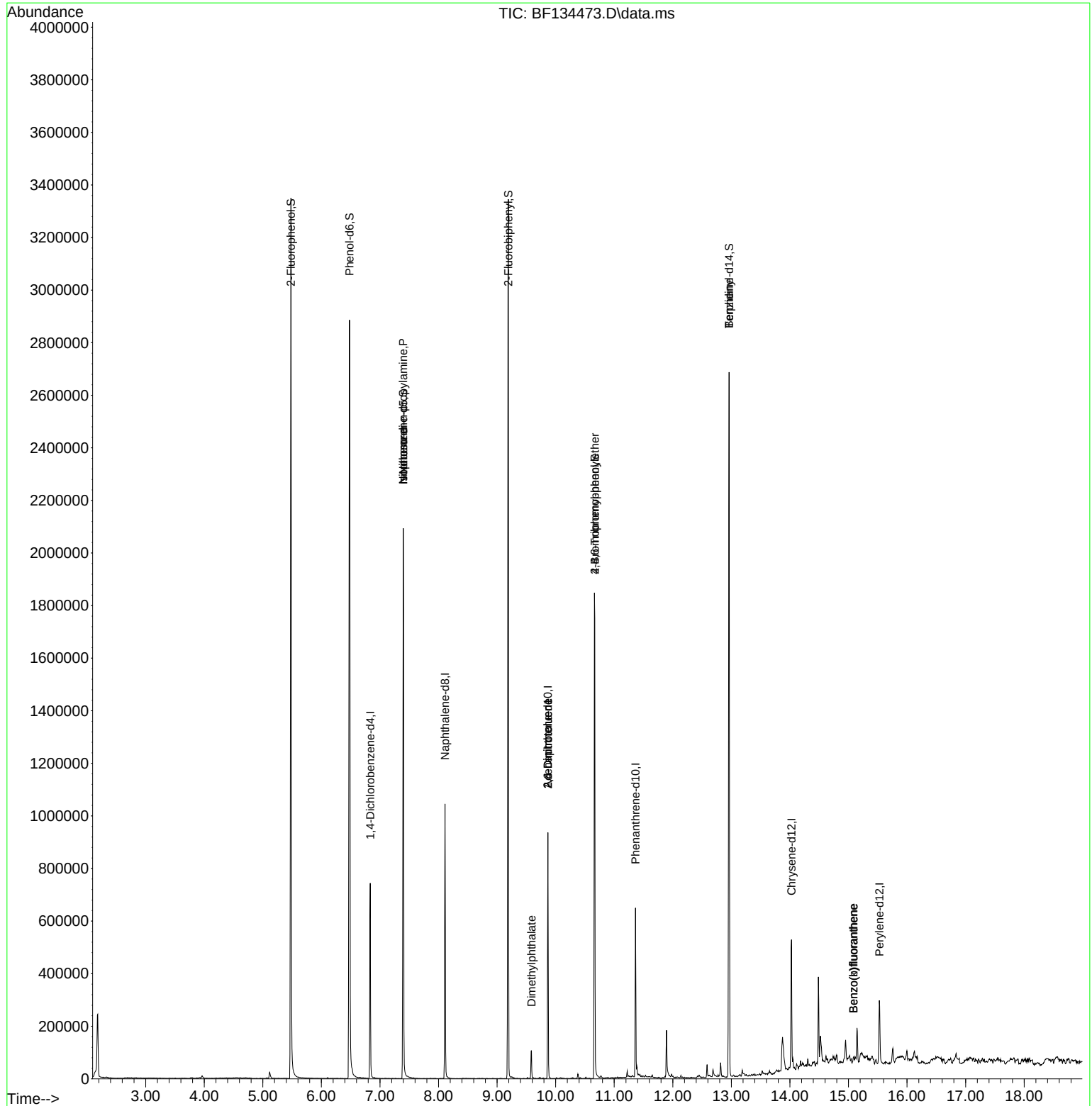
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	109598	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	404144	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	165466	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	216467	20.000	ng	0.00
76) Chrysene-d12	14.027	240	173025	20.000	ng	0.00
86) Perylene-d12	15.527	264	114437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	885475	133.485	ng	0.01
7) Phenol-d6	6.481	99	1068609	131.483	ng	0.00
23) Nitrobenzene-d5	7.398	82	706883	88.494	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	245309	104.344	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1017674	80.741	ng	0.00
79) Terphenyl-d14	12.963	244	905337	91.340	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	100283	19.821	ng	# 75
25) Isophorone	7.398	82	706879	53.098	ng	# 65
50) Dimethylphthalate	9.586	163	42261	3.445	ng	99
51) 2,6-Dinitrotoluene	9.869	165	20139	7.483	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	20139	5.571	ng	# 19
67) 4-Bromophenyl-phenylether	10.669	248	14144	5.964	ng	# 1
77) Benzidine	12.963	184	12459	3.372	ng	# 94
88) Benzo(b)fluoranthene	15.086	252	16815	2.349	ng	# 87
89) Benzo(k)fluoranthene	15.086	252	16815	2.388	ng	# 89

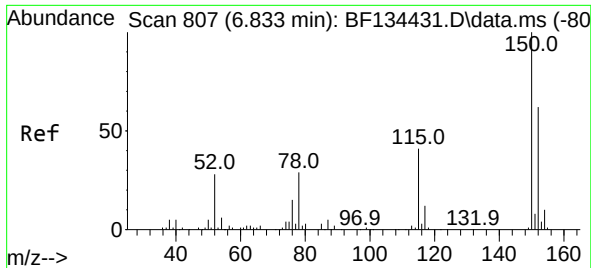
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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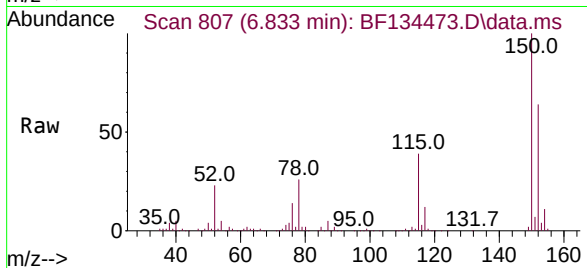
Quant Time: Jul 26 02:06:52 2023
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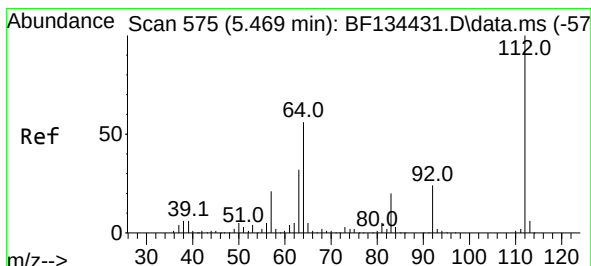
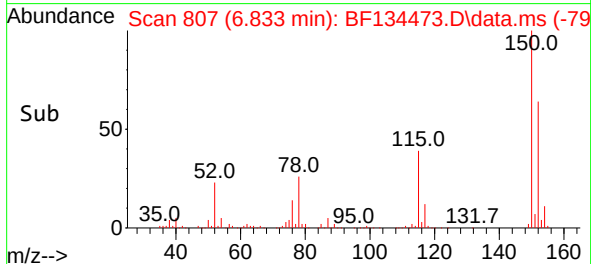
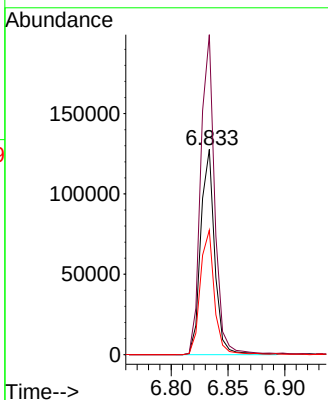


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Instrument :
BNA_F
ClientSampleId :

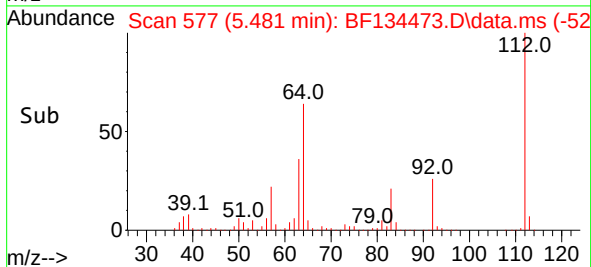
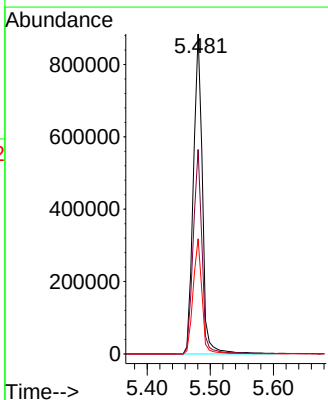
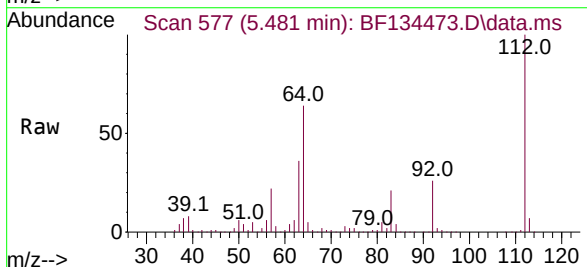


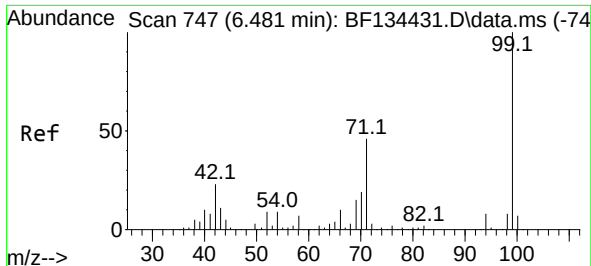
Tgt Ion:152 Resp: 109598
Ion Ratio Lower Upper
152 100
150 155.9 128.3 192.5
115 60.6 52.4 78.6



#5
2-Fluorophenol
Concen: 133.485 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

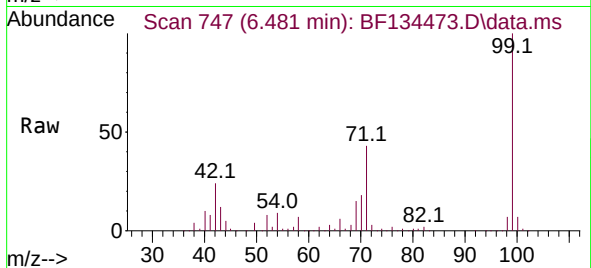
Tgt Ion:112 Resp: 885475
Ion Ratio Lower Upper
112 100
64 63.9 44.9 67.3
63 36.0 25.4 38.0





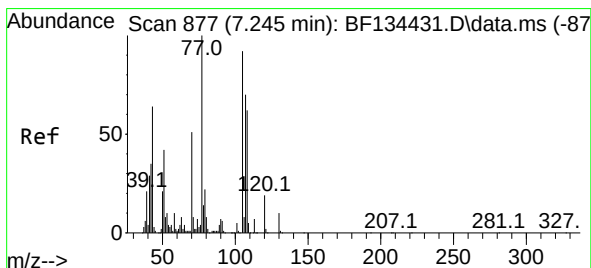
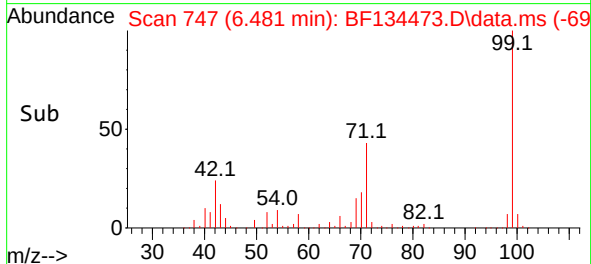
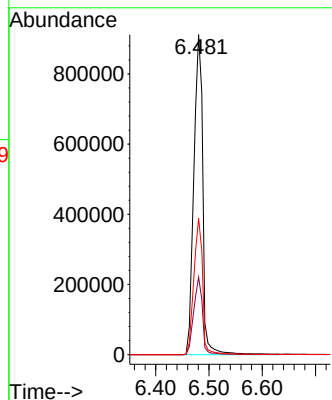
#7
Phenol-d6
Concen: 131.483 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1068609

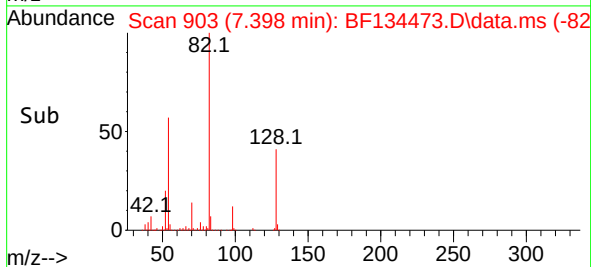
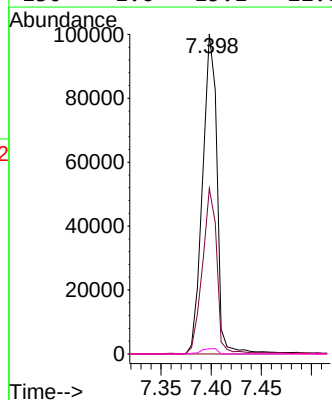
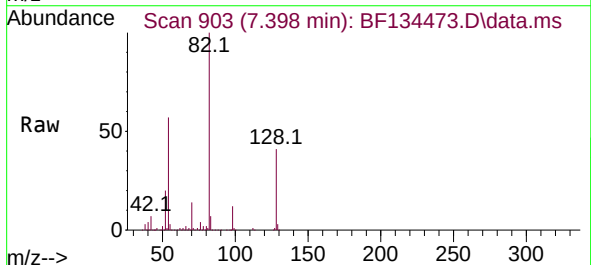
Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.7	28.1
71	42.6	36.4	54.6

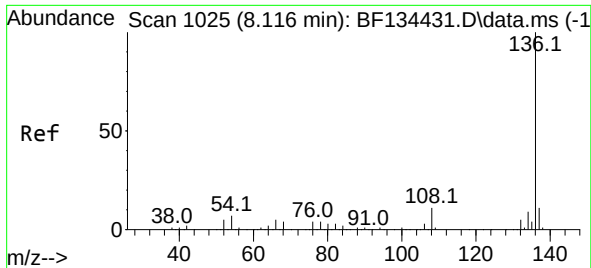


#19
n-Nitroso-di-n-propylamine
Concen: 19.821 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Tgt Ion: 70 Resp: 100283

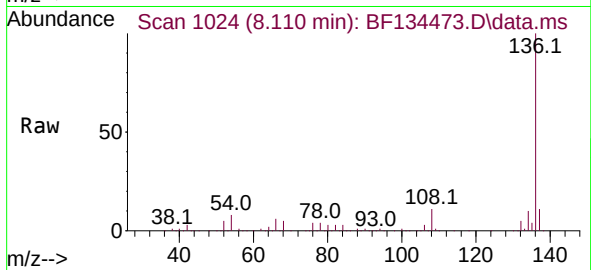
Ion	Ratio	Lower	Upper
70	100		
42	51.7	54.7	82.1#
101	0.0	8.2	12.2#
130	1.6	15.1	22.7#



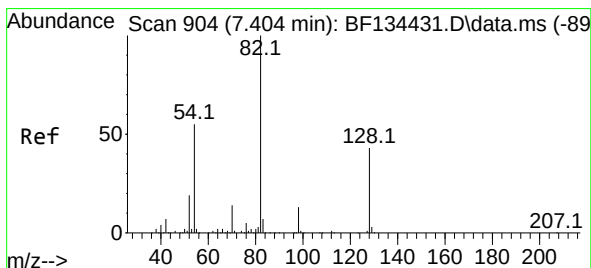
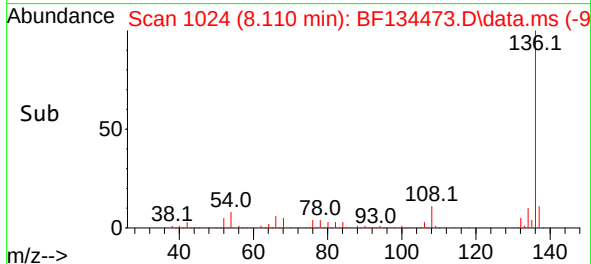
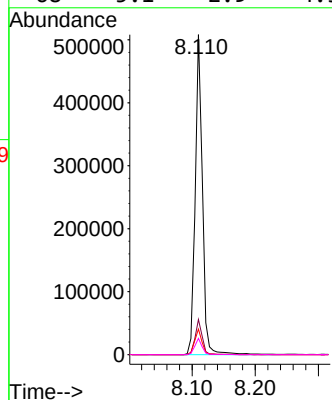


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Instrument :
BNA_F
ClientSampleId :

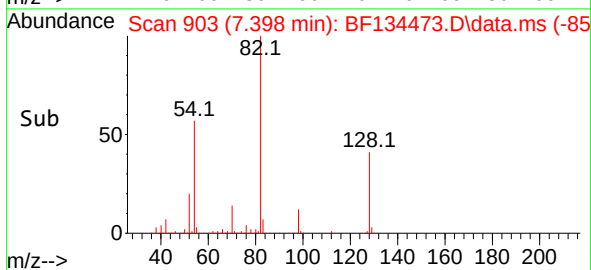
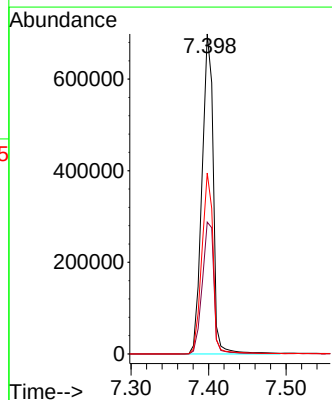
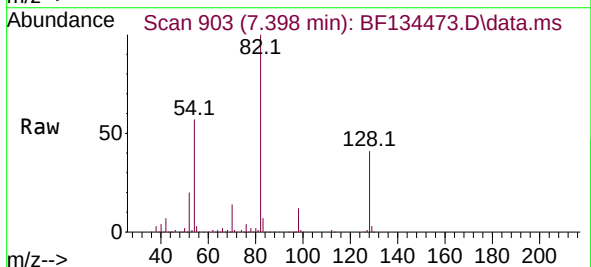


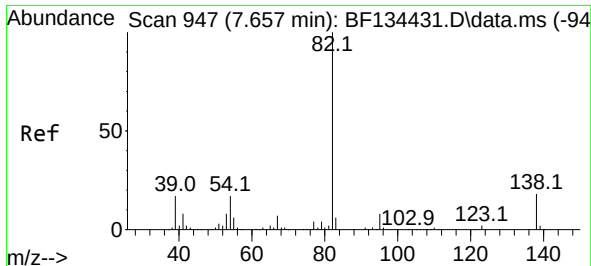
Tgt Ion:136 Resp: 404144
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 5.2 7.8#
68 5.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 88.494 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Tgt Ion: 82 Resp: 706883
Ion Ratio Lower Upper
82 100
128 41.2 34.3 51.5
54 56.5 43.8 65.6

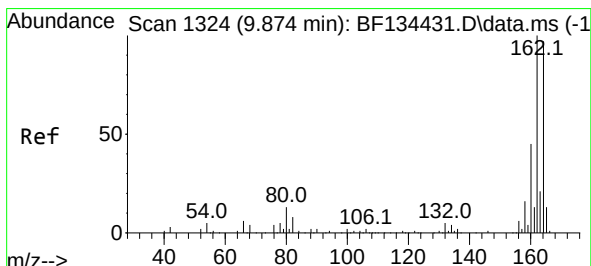
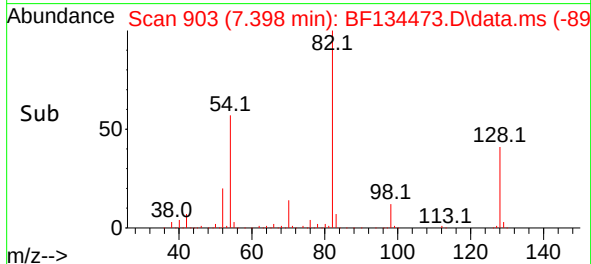
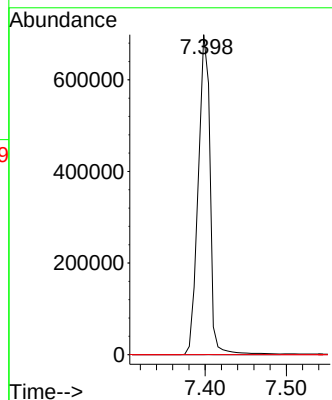
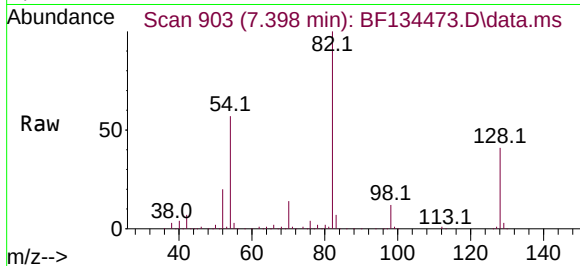




#25
Isophorone
Concen: 53.098 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

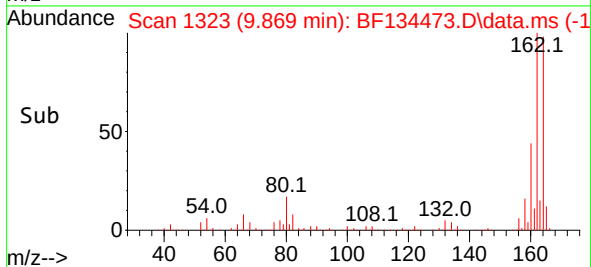
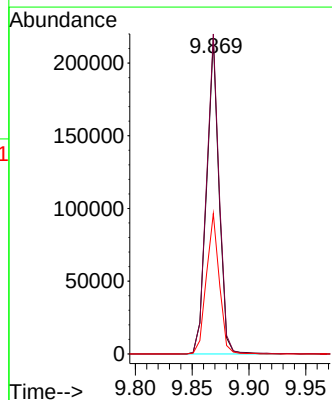
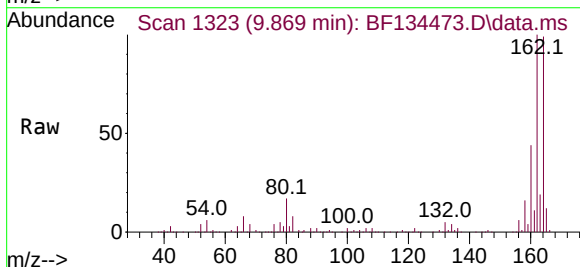
Instrument :
BNA_F
ClientSampleId :

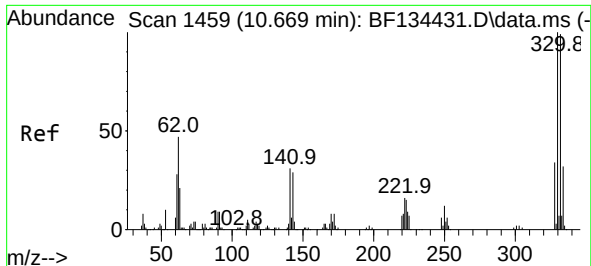
Tgt Ion: 82 Resp: 706879
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Tgt Ion:164 Resp: 165466
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 44.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 104.344 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.000 min

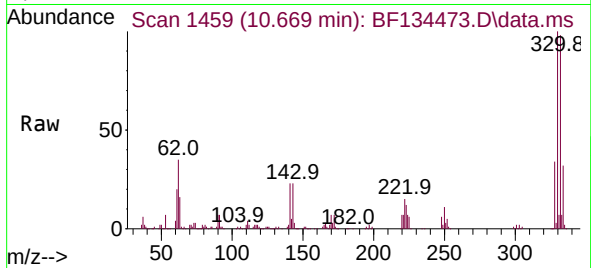
Lab File: BF134473.D

Acq: 25 Jul 2023 20:50

Instrument :

BNA_F

ClientSampleId :



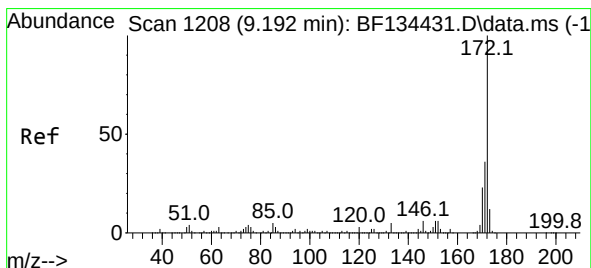
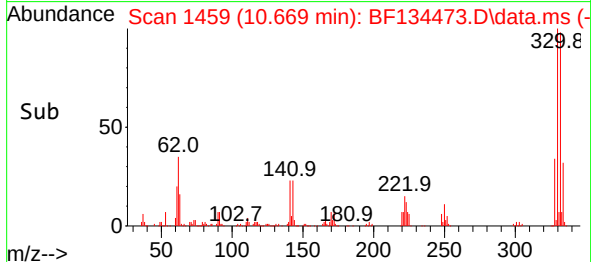
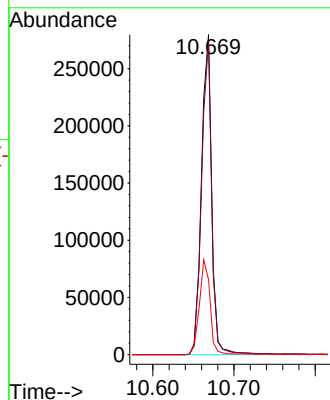
Tgt Ion:330 Resp: 245309

Ion Ratio Lower Upper

330 100

332 95.7 78.8 118.2

141 31.0 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 80.741 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF134473.D

Acq: 25 Jul 2023 20:50

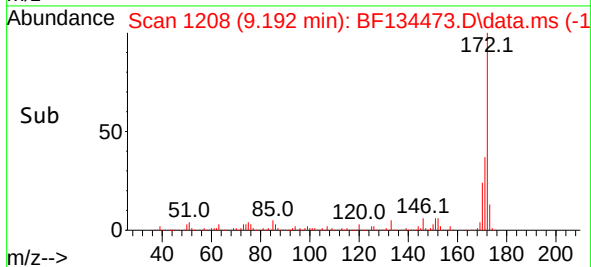
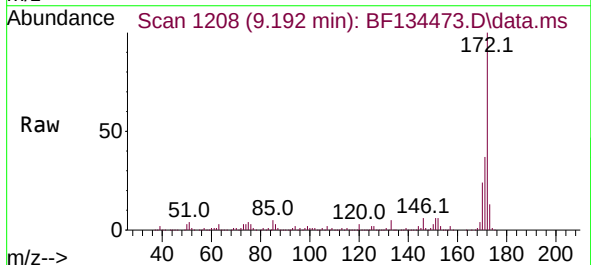
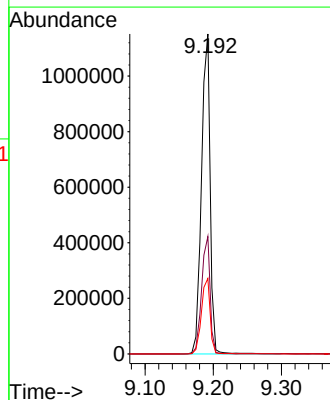
Tgt Ion:172 Resp: 1017674

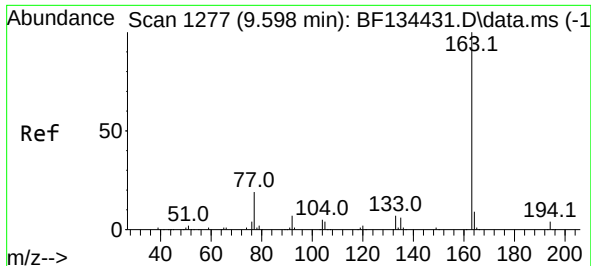
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

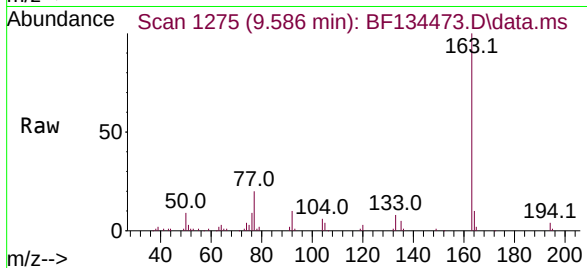
170 23.6 18.7 28.1



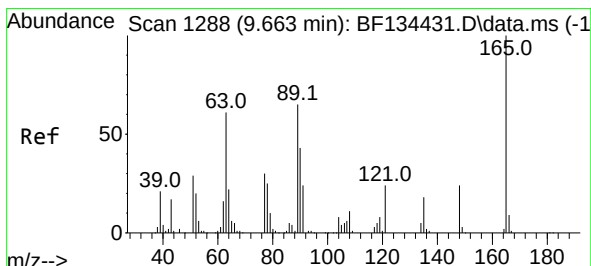
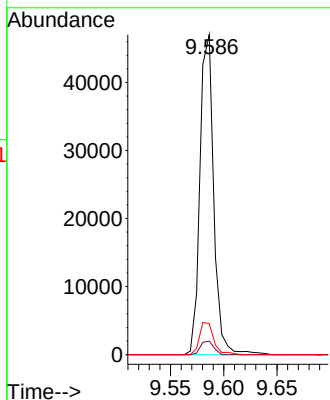
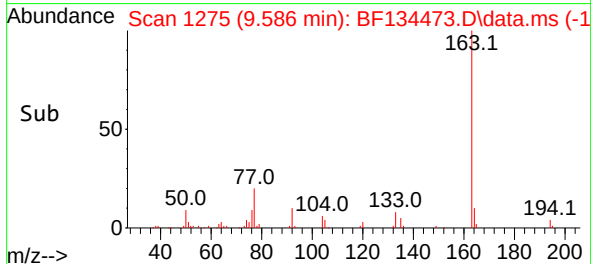


#50
Dimethylphthalate
Concen: 3.445 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

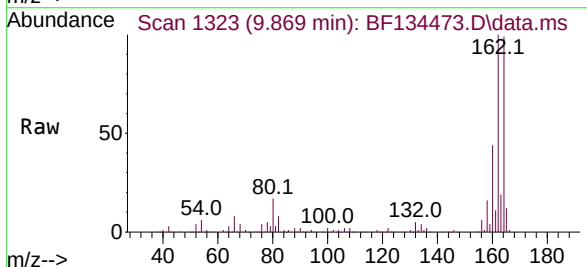
Instrument :
BNA_F
ClientSampleId :



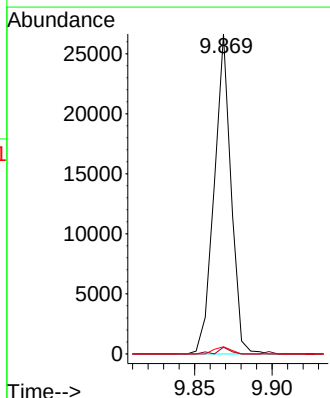
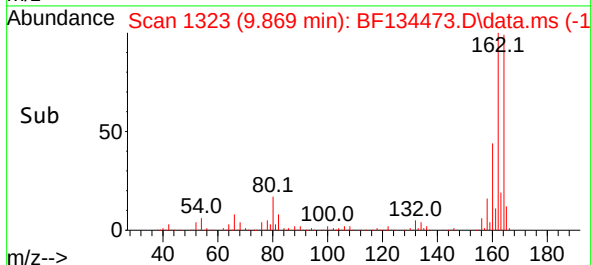
Tgt Ion:163 Resp: 42261
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 7.5 11.3

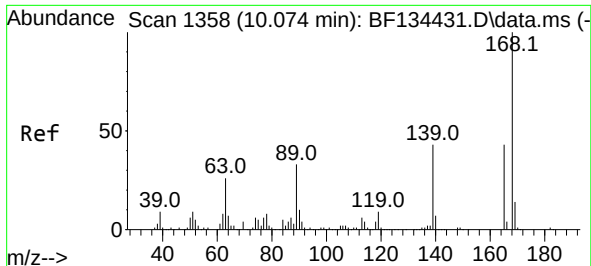


#51
2,6-Dinitrotoluene
Concen: 7.483 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50



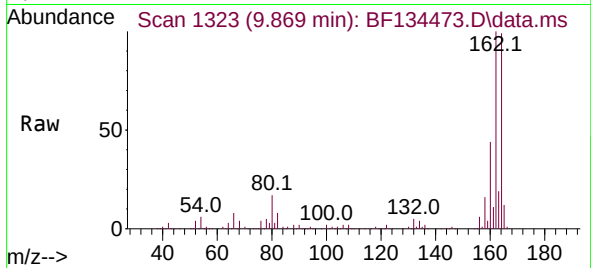
Tgt Ion:165 Resp: 20139
Ion Ratio Lower Upper
165 100
63 2.1 57.8 86.6#
89 2.2 51.8 77.8#



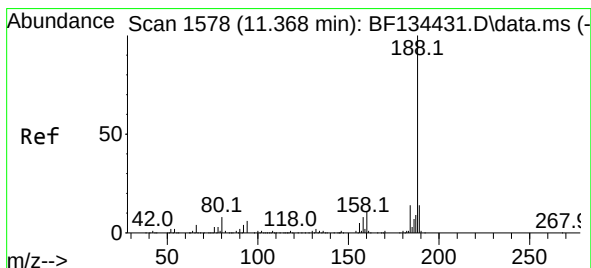
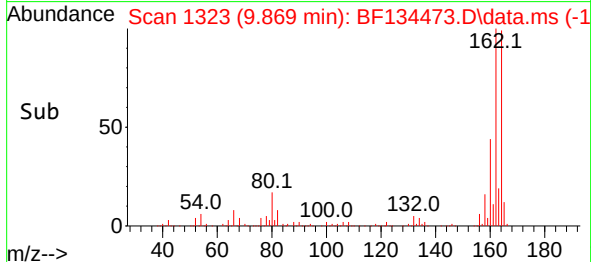
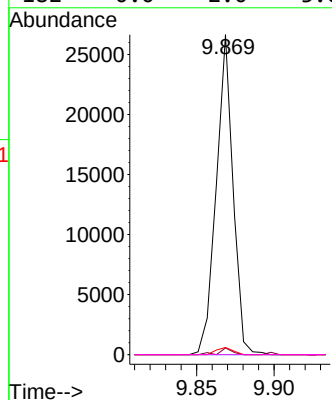


#57
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 9.869 min Scan# 1358
Delta R.T. -0.206 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Instrument :
BNA_F
ClientSampleId :

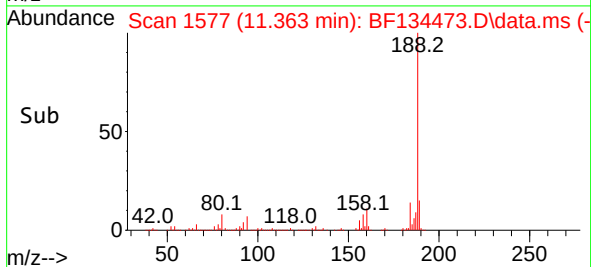
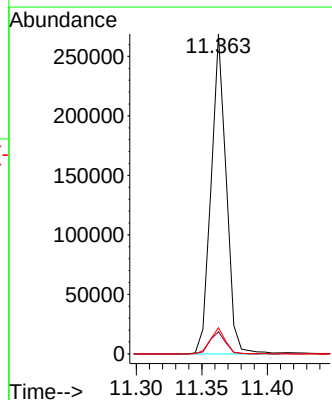
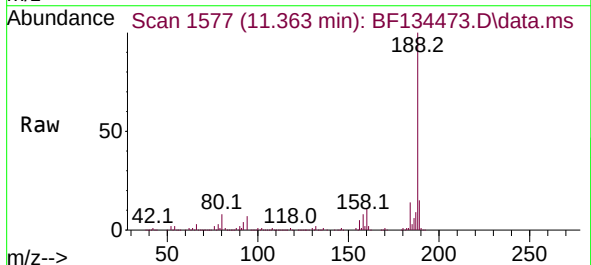


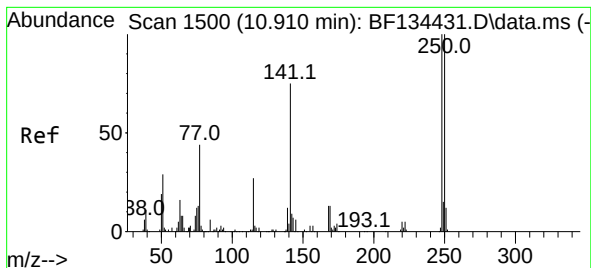
Tgt Ion:165 Resp: 20139
Ion Ratio Lower Upper
165 100
63 2.1 48.9 73.3#
89 2.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

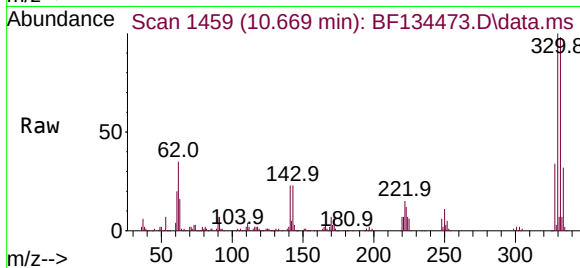
Tgt Ion:188 Resp: 216467
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 8.2 6.6 9.8



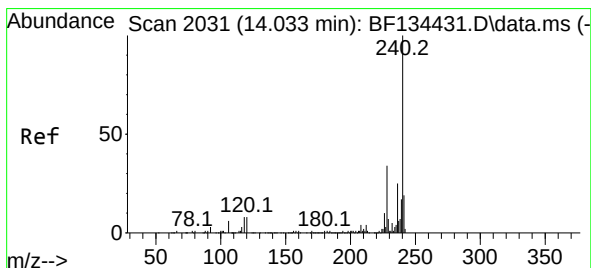
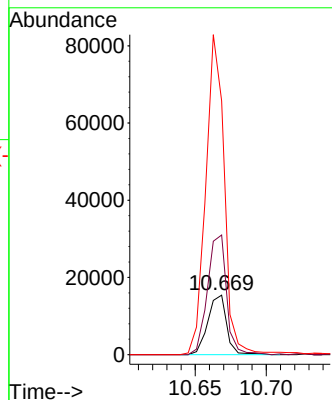
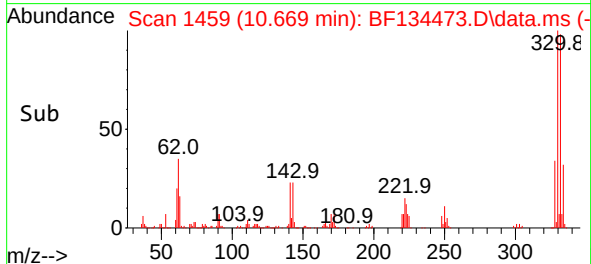


#67
4-Bromophenyl-phenylether
Concen: 5.964 ng
RT: 10.669 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

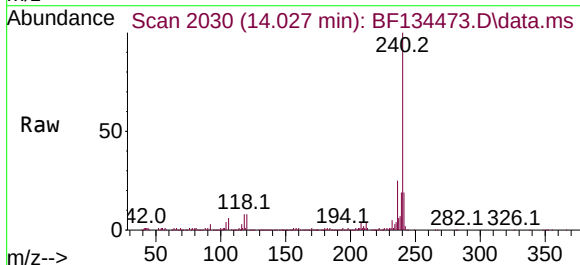
Instrument :
BNA_F
ClientSampleId :



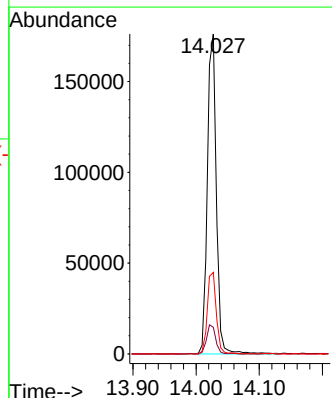
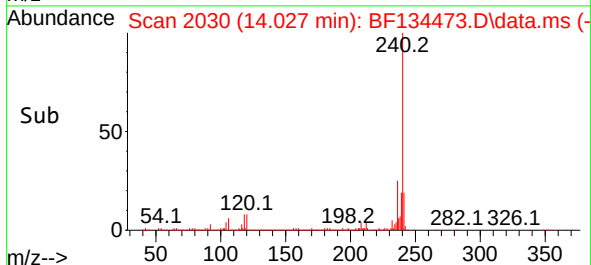
Tgt Ion:248 Resp: 14144
Ion Ratio Lower Upper
248 100
250 201.5 79.6 119.4#
141 427.0 59.6 89.4#

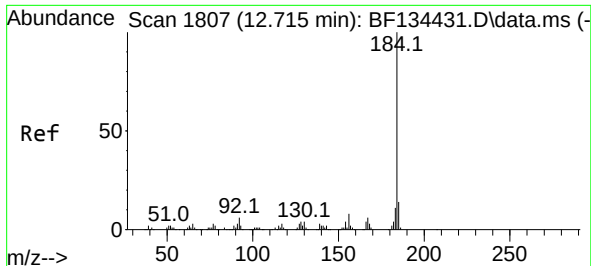


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50



Tgt Ion:240 Resp: 173025
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.5 20.2 30.2

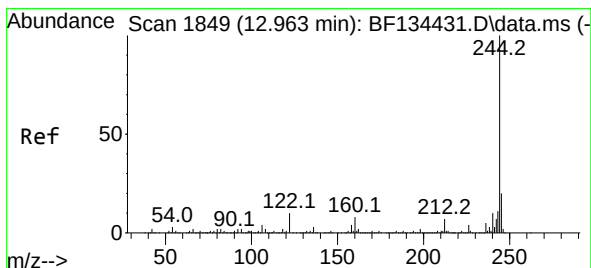
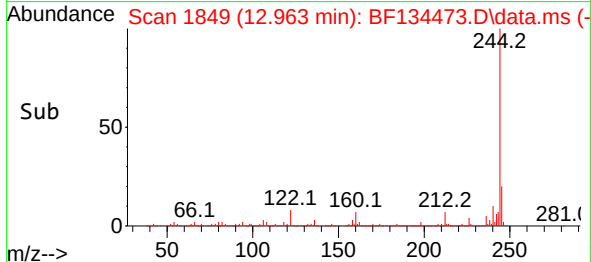
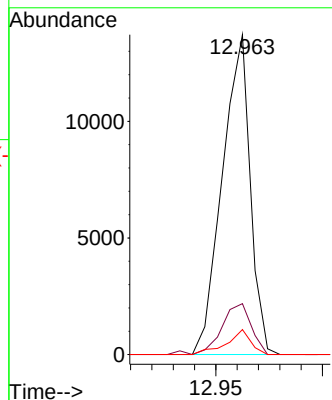
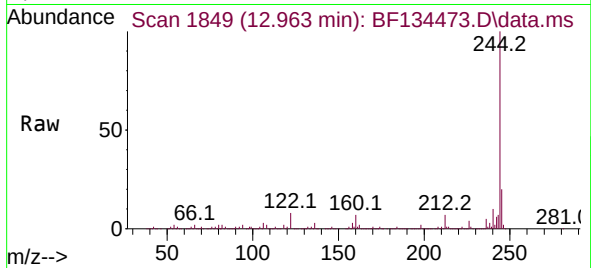




#77
Benzidine
Concen: 3.372 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.248 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

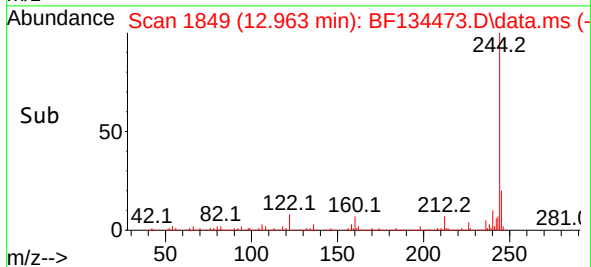
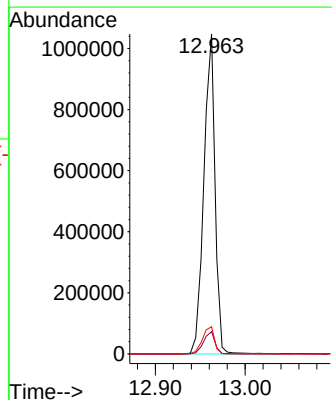
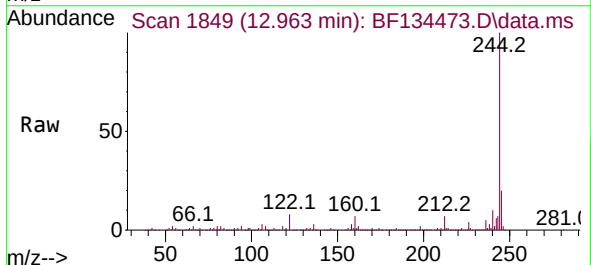
Instrument :
BNA_F
ClientSampleId :

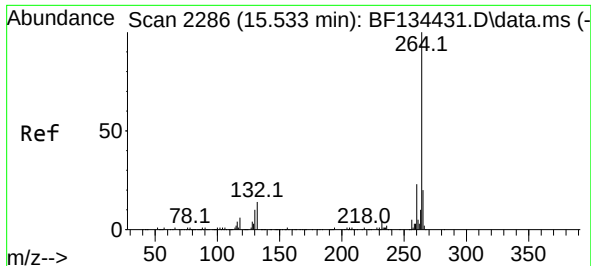
Tgt Ion:184 Resp: 12459
Ion Ratio Lower Upper
184 100
185 15.9 11.2 16.8
183 7.8 8.6 13.0#



#79
Terphenyl-d14
Concen: 91.340 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Tgt Ion:244 Resp: 905337
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 8.5 8.0 12.0

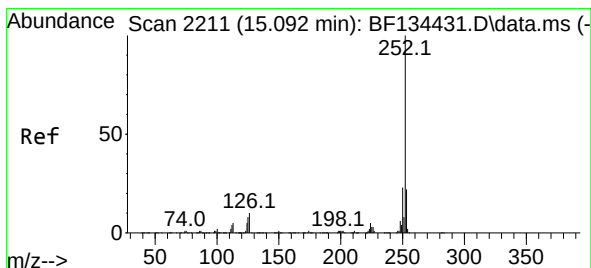
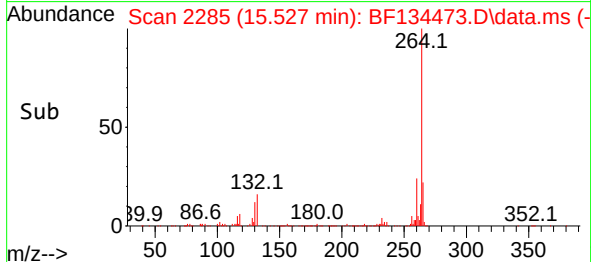
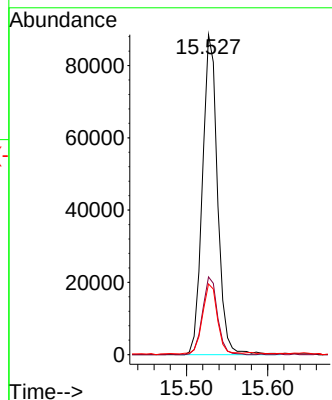
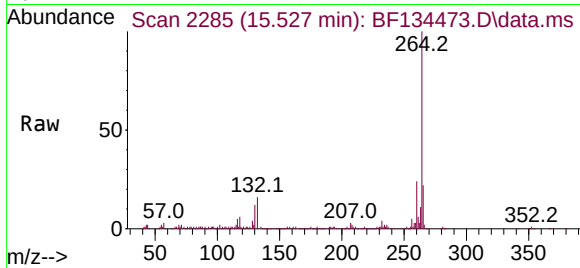




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

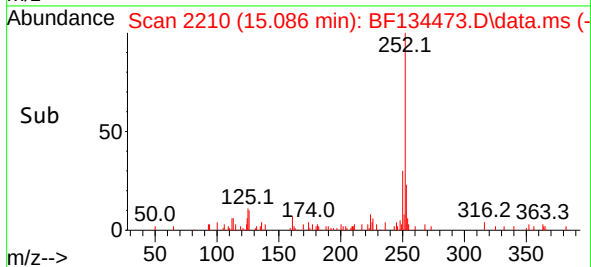
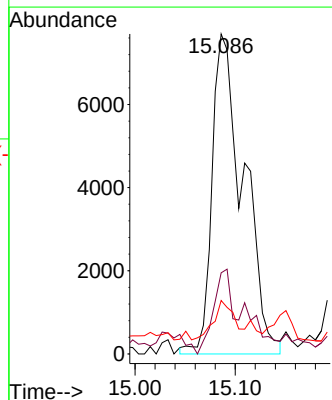
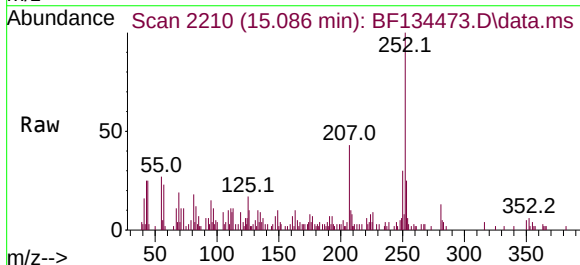
Instrument :
BNA_F
ClientSampleId :

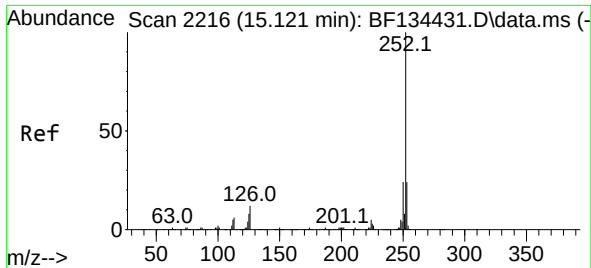
Tgt Ion:264 Resp: 114437
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.1 15.8 23.8



#88
Benzo(b)fluoranthene
Concen: 2.349 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF134473.D
Acq: 25 Jul 2023 20:50

Tgt Ion:252 Resp: 16815
Ion Ratio Lower Upper
252 100
253 25.3 17.3 25.9
125 16.7 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.388 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.035 min

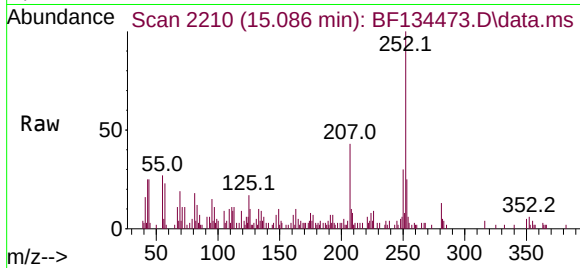
Lab File: BF134473.D

Acq: 25 Jul 2023 20:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 16815

Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

125 16.7 6.3 9.5#

