

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134441.D
 Acq On : 24 Jul 2023 21:43
 Operator : CG\JU
 Sample : 03653-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP21

Quant Time: Jul 25 02:54:09 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)

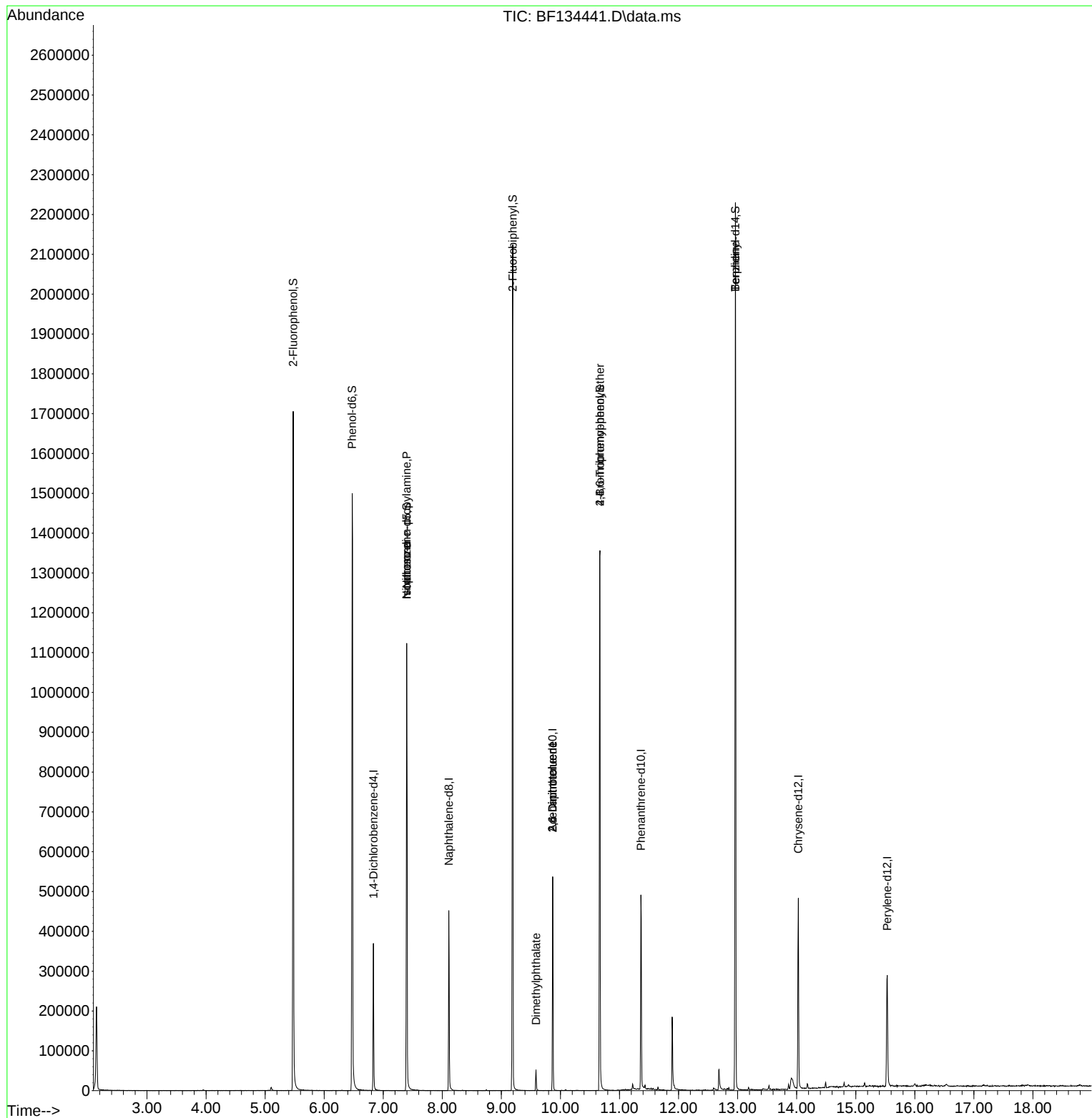
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49237	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	190919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	95854	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189776	20.000	ng	0.00
76) Chrysene-d12	14.027	240	161941	20.000	ng	0.00
86) Perylene-d12	15.533	264	143926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	423049	141.958	ng	0.00
7) Phenol-d6	6.475	99	503270	137.836	ng	0.00
23) Nitrobenzene-d5	7.398	82	333658	88.421	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	186762	137.132	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	629966	86.279	ng	0.00
79) Terphenyl-d14	12.963	244	788273	84.973	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	46820	20.599	ng	# 77
25) Isophorone	7.398	82	333658	53.054	ng	# 65
50) Dimethylphthalate	9.586	163	20668	2.909	ng	99
51) 2,6-Dinitrotoluene	9.869	165	13045	8.367	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	13045	6.229	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	11069	5.323	ng	# 1
77) Benzidine	12.963	184	10629	3.074	ng	# 92

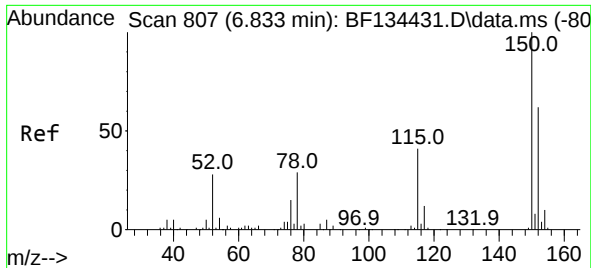
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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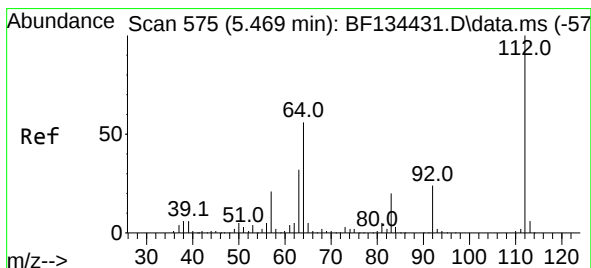
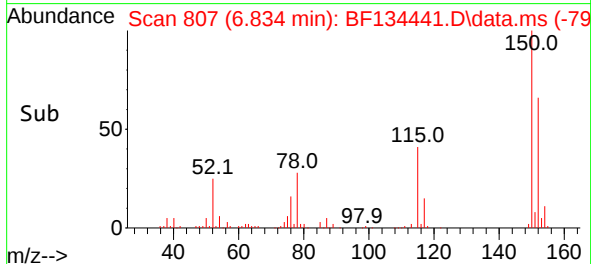
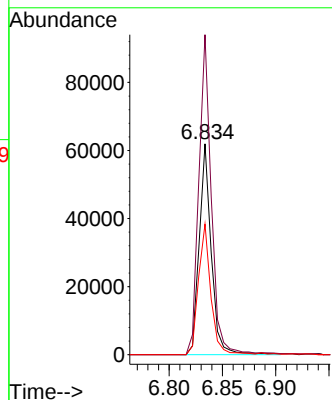
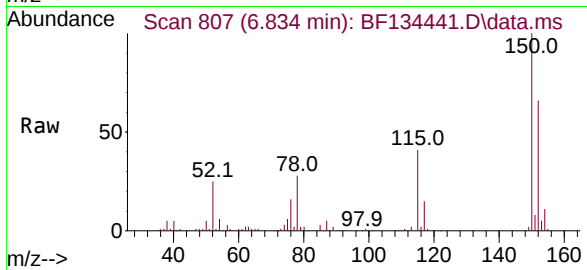




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BF134441.D
 Acq: 24 Jul 2023 21:43

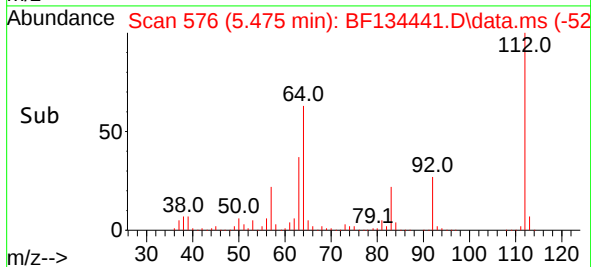
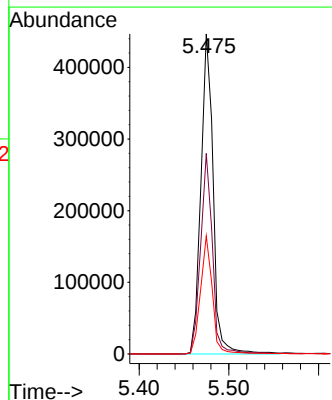
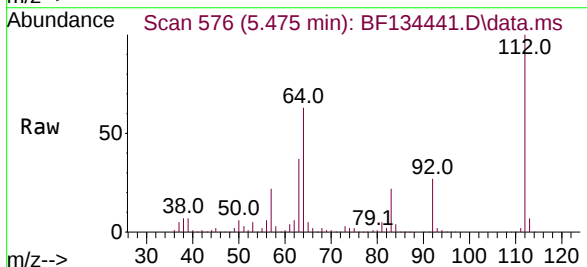
Instrument :
 BNA_F
 ClientSampleId :
 TP21

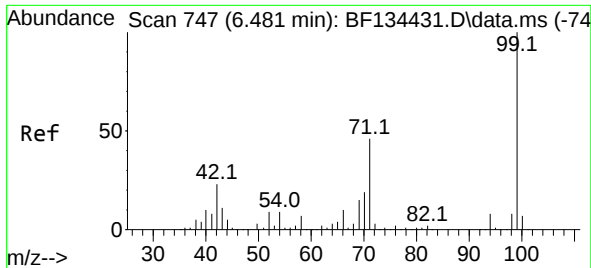
Tgt Ion:152 Resp: 49237
 Ion Ratio Lower Upper
 152 100
 150 151.7 128.3 192.5
 115 61.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 141.958 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134441.D
 Acq: 24 Jul 2023 21:43

Tgt Ion:112 Resp: 423049
 Ion Ratio Lower Upper
 112 100
 64 62.7 44.9 67.3
 63 36.9 25.4 38.0

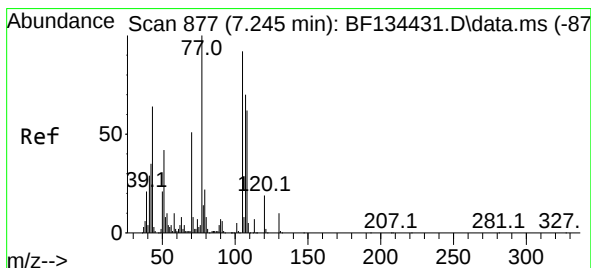
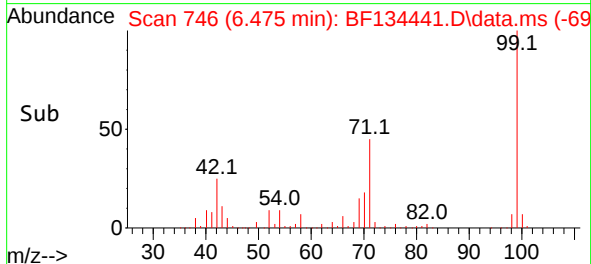
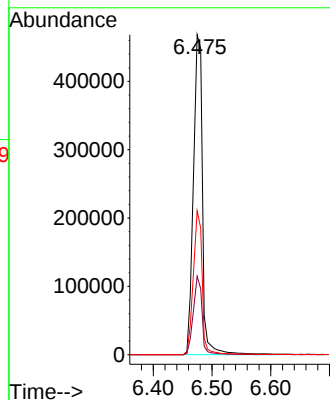
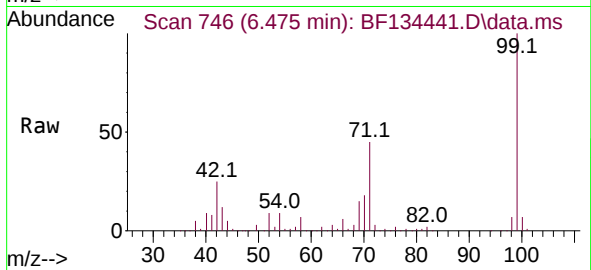




#7
Phenol-d6
Concen: 137.836 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

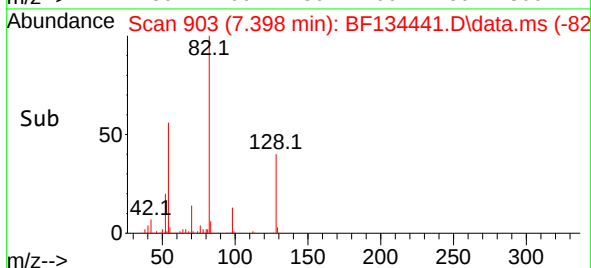
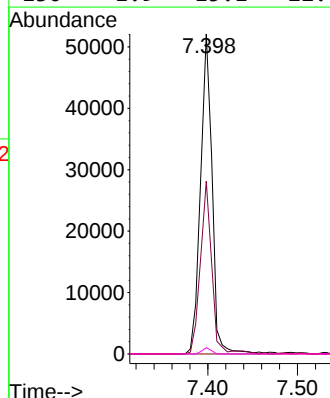
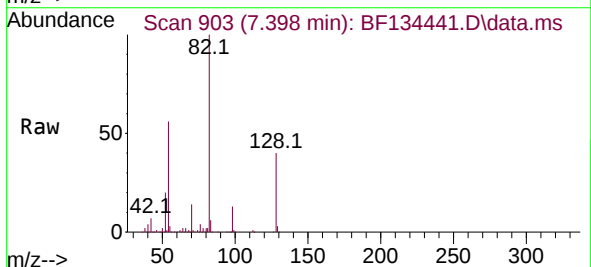
Instrument :
BNA_F
ClientSampleId :
TP21

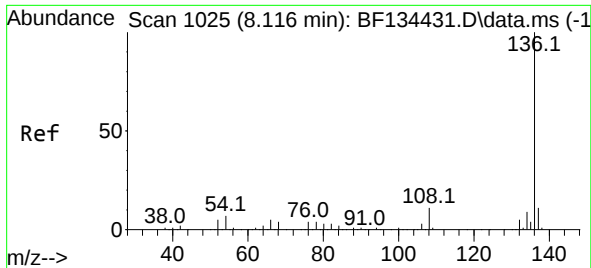
Tgt Ion: 99 Resp: 503270
Ion Ratio Lower Upper
99 100
42 24.5 18.7 28.1
71 45.0 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.599 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion: 70 Resp: 46820
Ion Ratio Lower Upper
70 100
42 54.0 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#



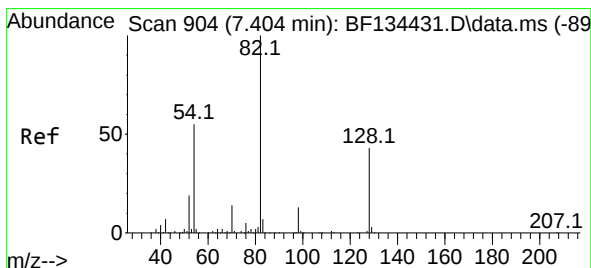
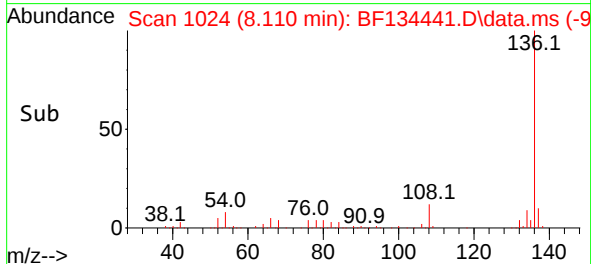
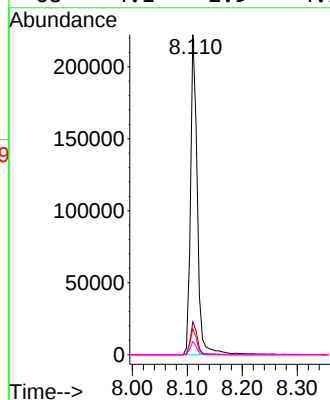
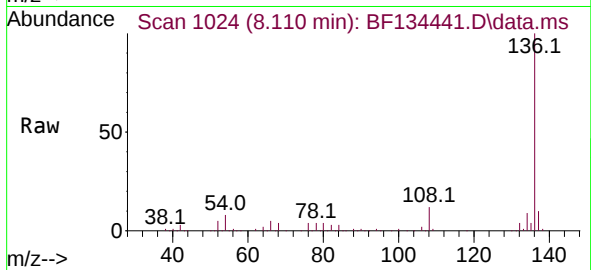


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Instrument :
BNA_F
ClientSampleId :
TP21

Tgt Ion:136 Resp: 190919

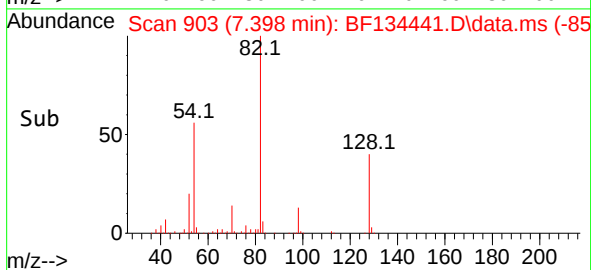
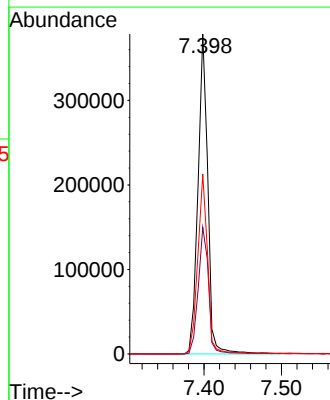
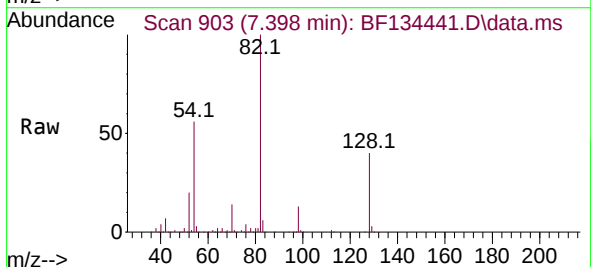
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.4	12.6
54	8.2	5.2	7.8#
68	4.1	2.9	4.3

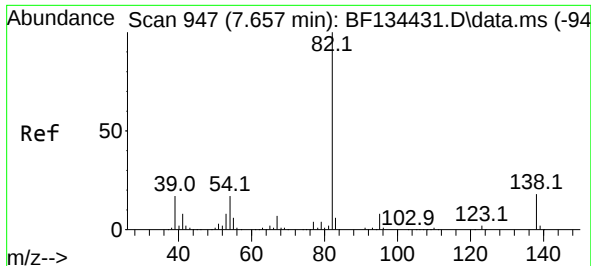


#23
Nitrobenzene-d5
Concen: 88.421 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion: 82 Resp: 333658

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.3	51.5
54	56.2	43.8	65.6

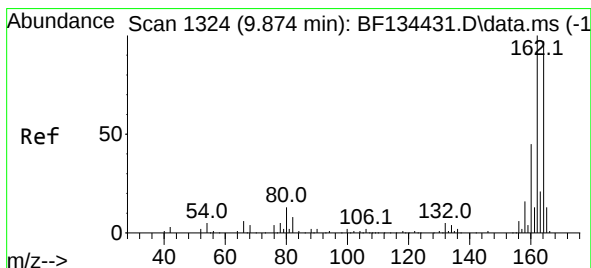
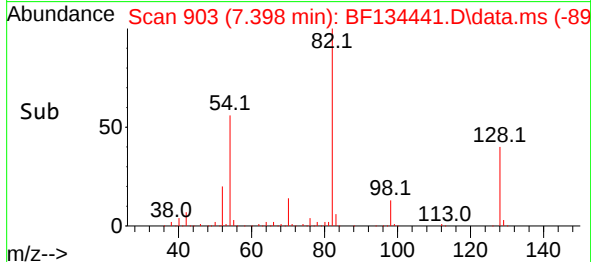
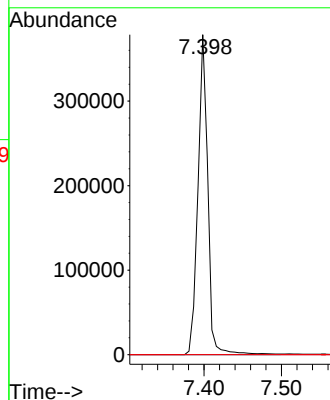
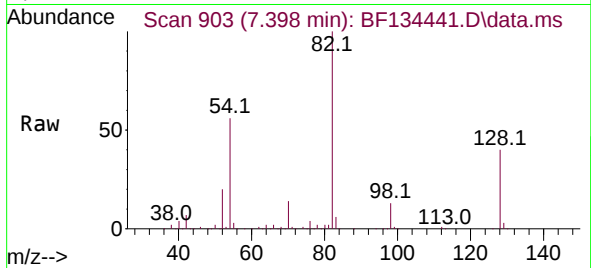




#25
Isophorone
Concen: 53.054 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

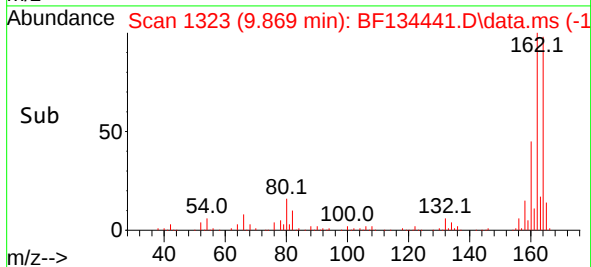
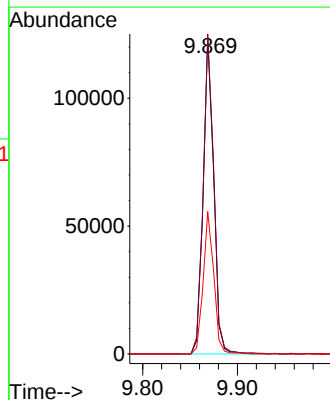
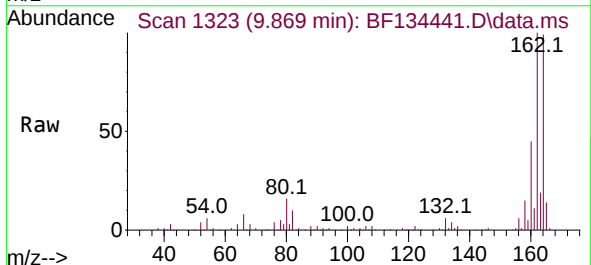
Instrument :
BNA_F
ClientSampleId :
TP21

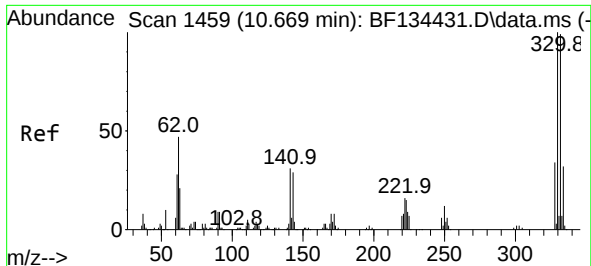
Tgt Ion: 82 Resp: 333658
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion: 164 Resp: 95854
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 45.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 137.132 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134441.D

Acq: 24 Jul 2023 21:43

Instrument :

BNA_F

ClientSampleId :

TP21

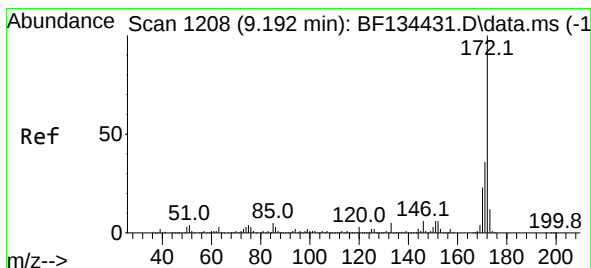
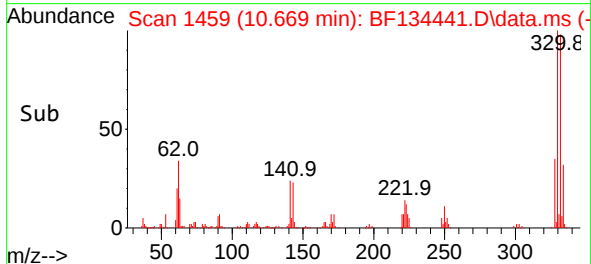
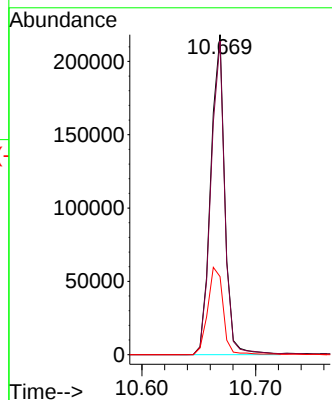
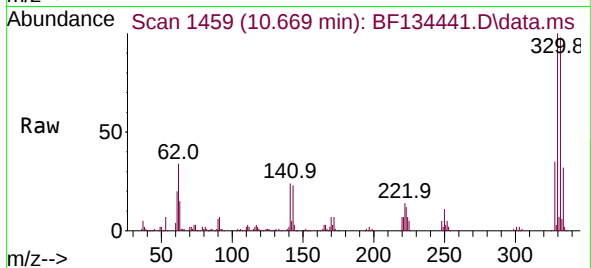
Tgt Ion:330 Resp: 186762

Ion Ratio Lower Upper

330 100

332 97.9 78.8 118.2

141 30.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 86.279 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF134441.D

Acq: 24 Jul 2023 21:43

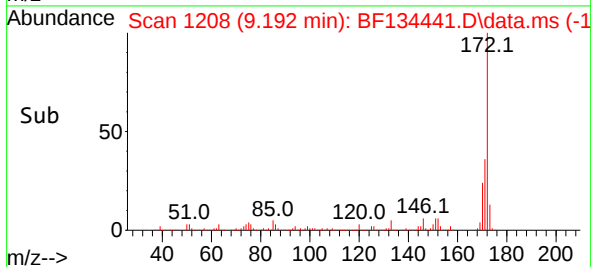
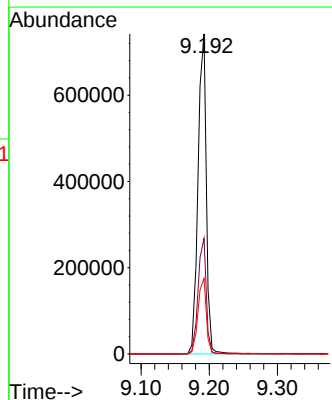
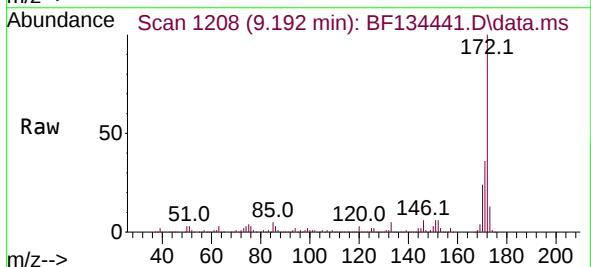
Tgt Ion:172 Resp: 629966

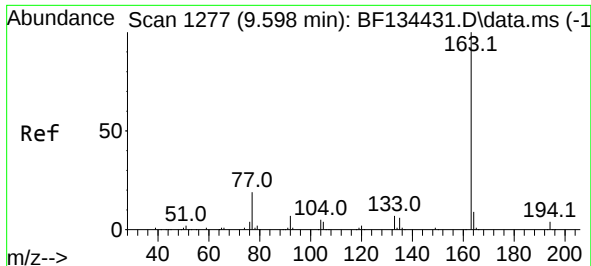
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.6 18.7 28.1

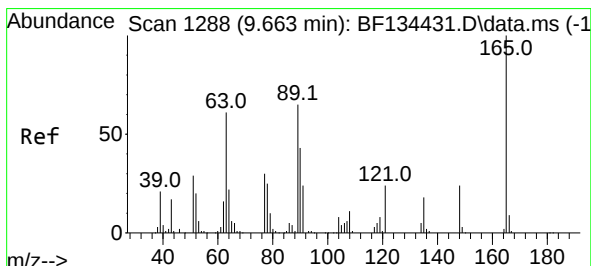
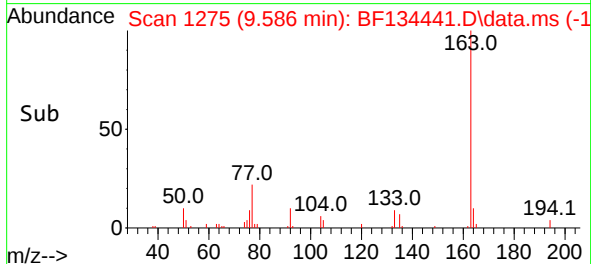
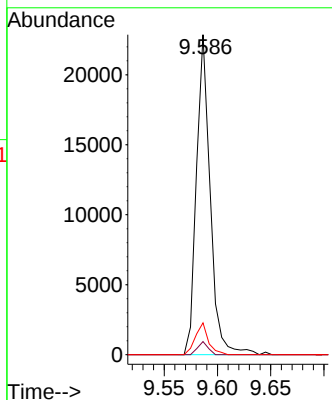
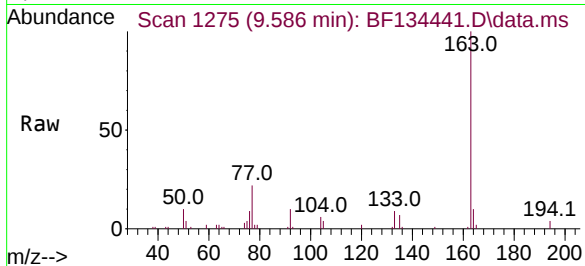




#50
Dimethylphthalate
Concen: 2.909 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

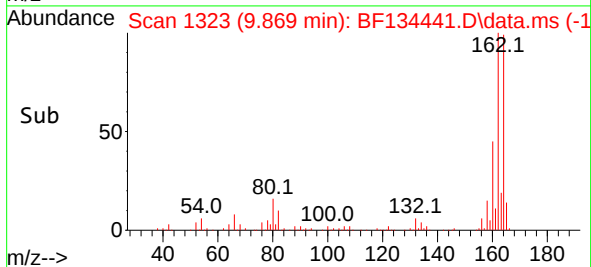
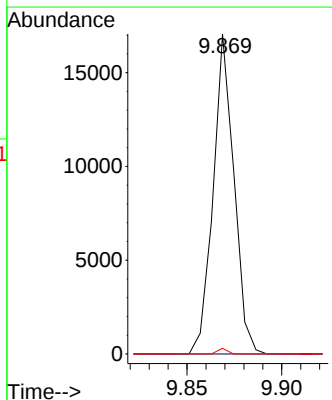
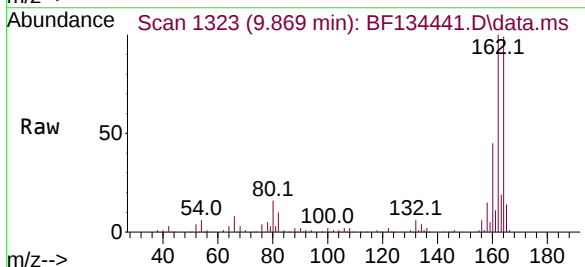
Instrument :
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TP21

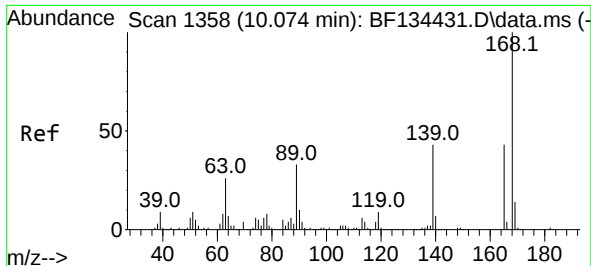
Tgt Ion:163 Resp: 20668
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 8.367 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion:165 Resp: 13045
Ion Ratio Lower Upper
165 100
63 0.0 57.8 86.6#
89 1.8 51.8 77.8#

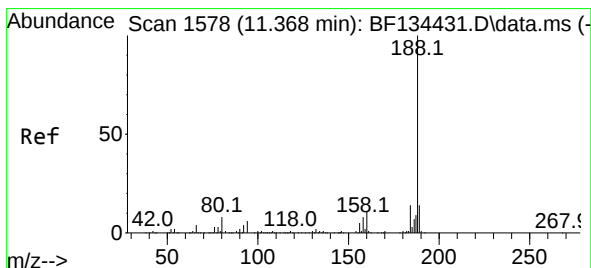
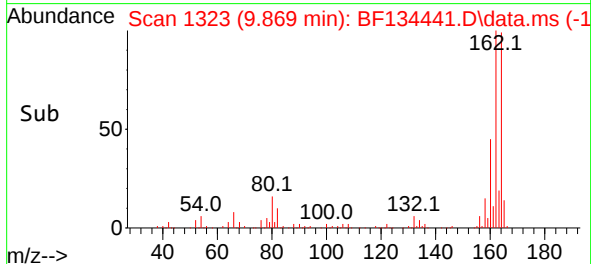
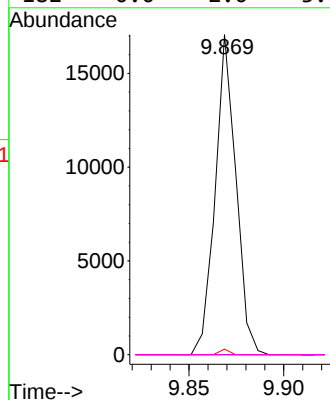
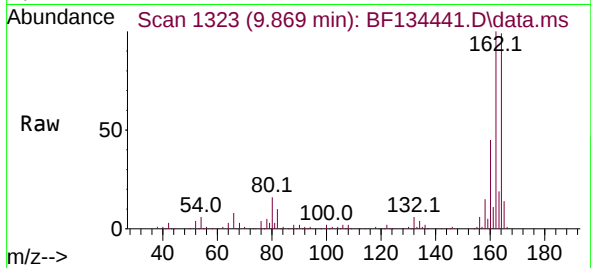




#57
2,4-Dinitrotoluene
Concen: 6.229 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

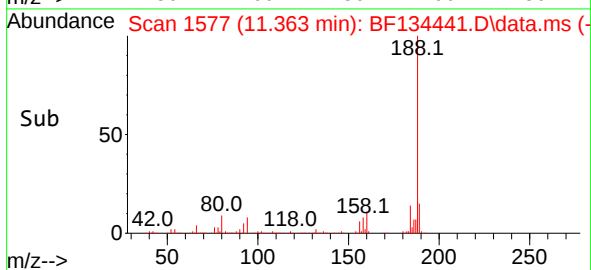
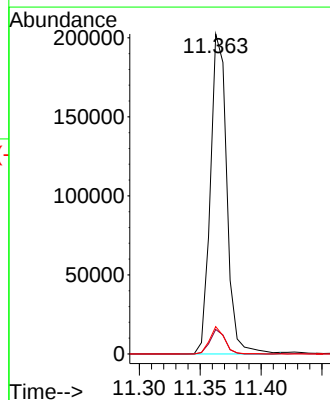
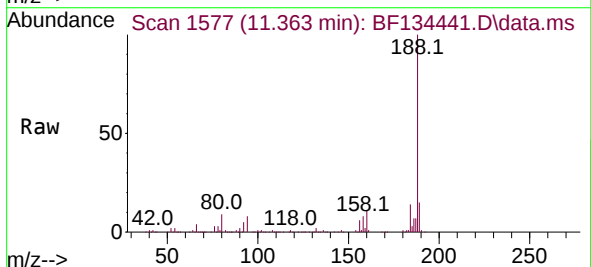
Instrument :
BNA_F
ClientSampleId :
TP21

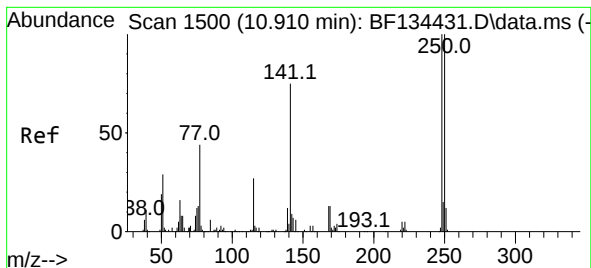
Tgt Ion:165 Resp: 13045
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.8 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion:188 Resp: 189776
Ion Ratio Lower Upper
188 100
94 7.6 5.1 7.7
80 8.6 6.6 9.8

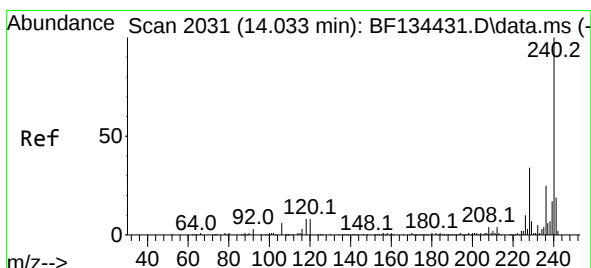
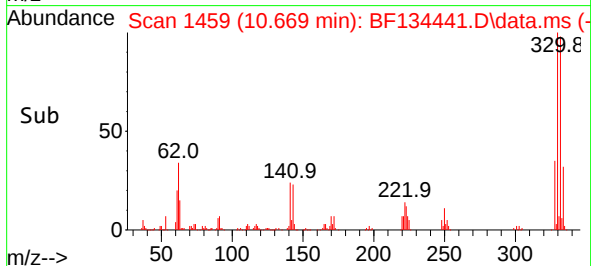
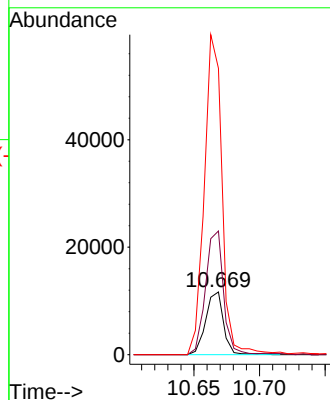
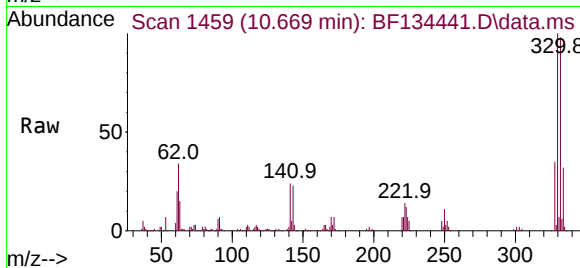




#67
4-Bromophenyl-phenylether
Concen: 5.323 ng
RT: 10.669 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

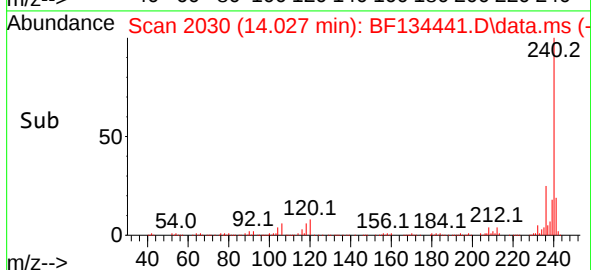
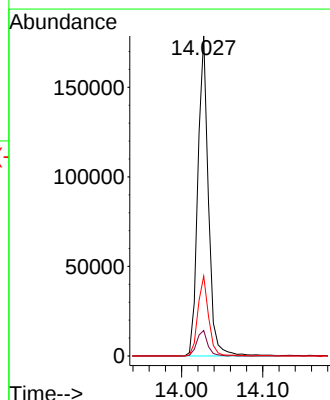
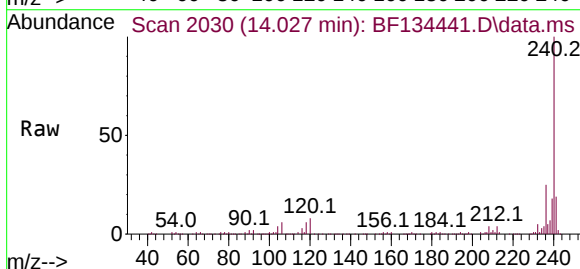
Instrument :
BNA_F
ClientSampleId :
TP21

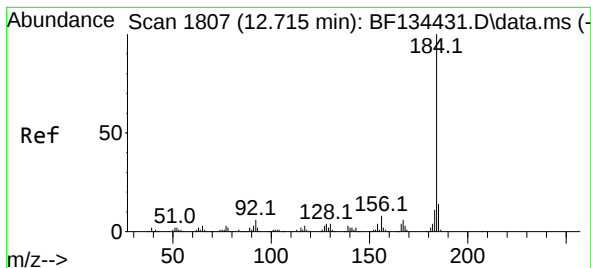
Tgt Ion:248 Resp: 11069
Ion Ratio Lower Upper
248 100
250 197.4 79.6 119.4#
141 456.9 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134441.D
Acq: 24 Jul 2023 21:43

Tgt Ion:240 Resp: 161941
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 24.9 20.2 30.2





#77

Benzidine

Concen: 3.074 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.248 min

Lab File: BF134441.D

Acq: 24 Jul 2023 21:43

Instrument :

BNA_F

ClientSampleId :

TP21

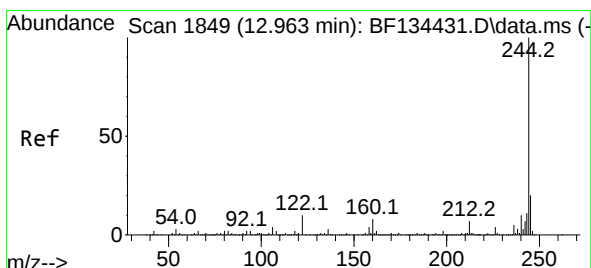
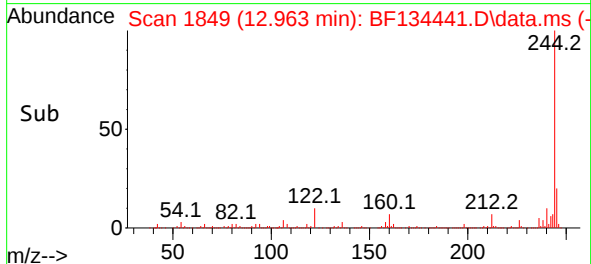
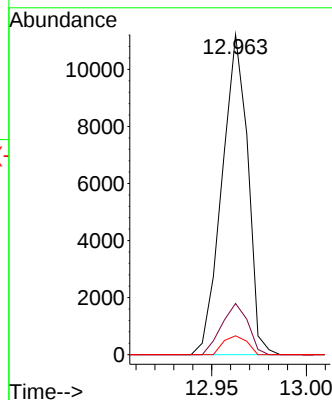
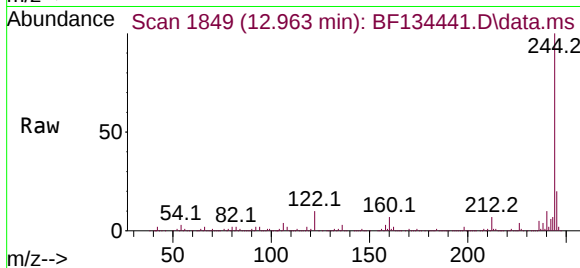
Tgt Ion:184 Resp: 10629

Ion Ratio Lower Upper

184 100

185 16.0 11.2 16.8

183 5.9 8.6 13.0#



#79

Terphenyl-d14

Concen: 84.973 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF134441.D

Acq: 24 Jul 2023 21:43

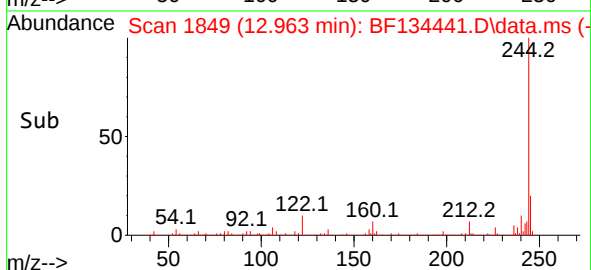
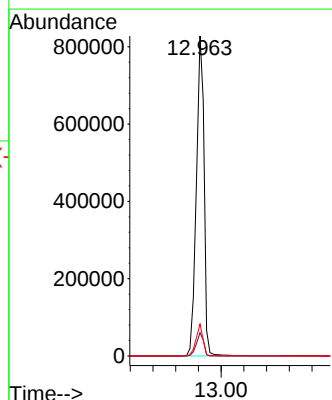
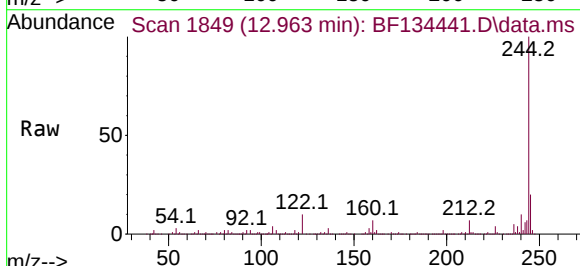
Tgt Ion:244 Resp: 788273

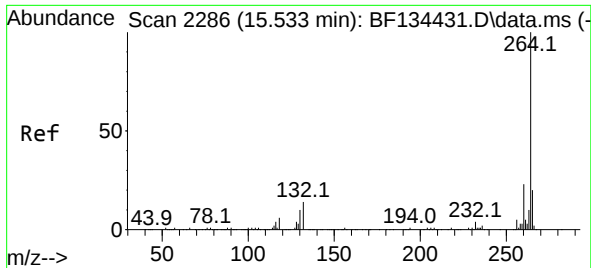
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

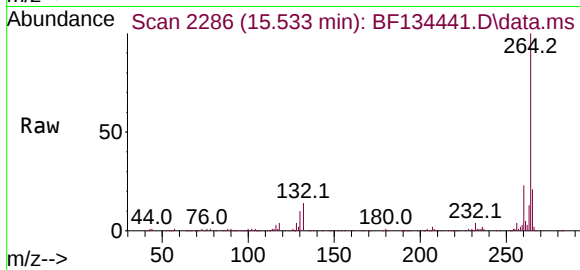
122 10.0 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134441.D
 Acq: 24 Jul 2023 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP21



Tgt Ion:264	Resp:	143926
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.4 27.6
265	21.4	15.8 23.8

