

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134454.D
 Acq On : 25 Jul 2023 04:44
 Operator : CG\JU
 Sample : 03653-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP22

Quant Time: Jul 25 05:40:56 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)

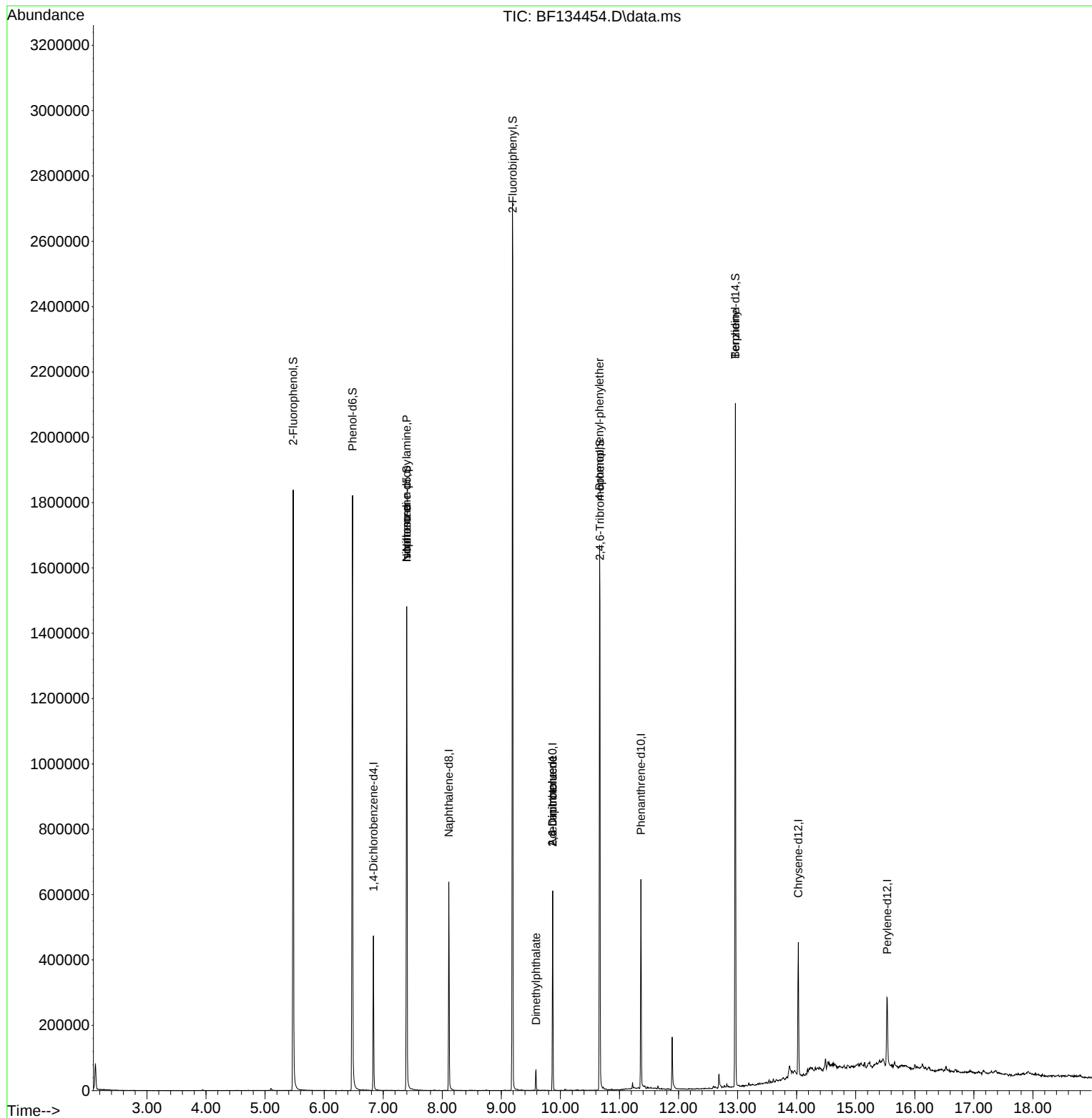
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	63744	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	253154	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	106370	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	218650	20.000	ng	0.00
76) Chrysene-d12	14.027	240	128974	20.000	ng	0.00
86) Perylene-d12	15.533	264	107707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	461576	119.637	ng	0.00
7) Phenol-d6	6.481	99	574900	121.621	ng	0.00
23) Nitrobenzene-d5	7.398	82	437314	87.400	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	213067	140.980	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	839010	103.549	ng	0.00
79) Terphenyl-d14	12.963	244	688908	93.244	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	62808	21.344	ng	# 74
25) Isophorone	7.398	82	437314	52.442	ng	# 65
50) Dimethylphthalate	9.586	163	24469	3.103	ng	98
51) 2,6-Dinitrotoluene	9.869	165	13470	7.785	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	13470	5.796	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	13298	5.551	ng	# 1
77) Benzidine	12.963	184	10299	3.740	ng	# 92

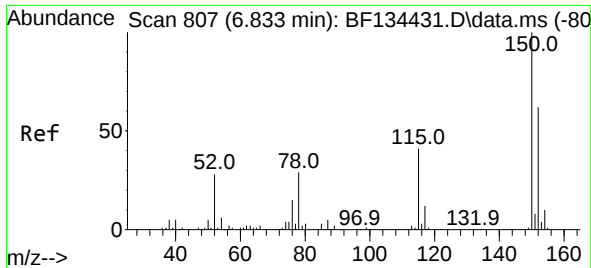
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134454.D
Acq On : 25 Jul 2023 04:44
Operator : CG\JU
Sample : 03653-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP22

Quant Time: Jul 25 05:40:56 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

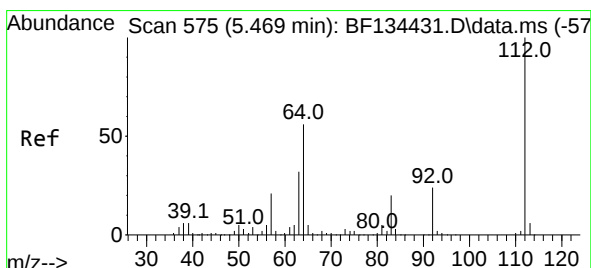
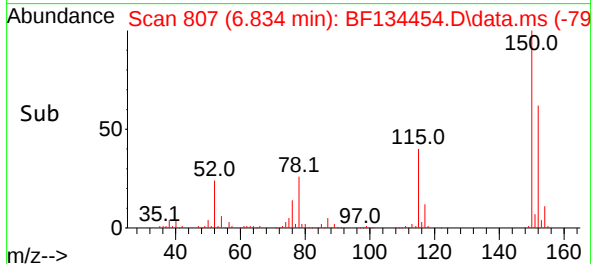
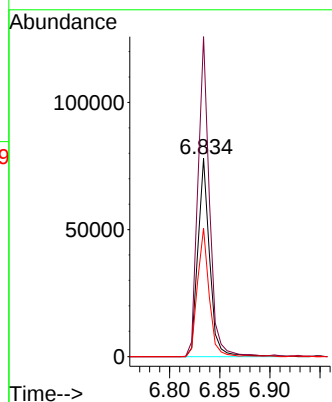
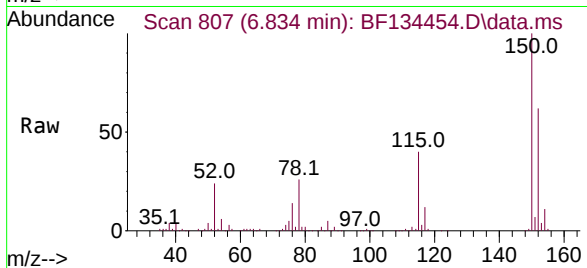




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BF134454.D
 Acq: 25 Jul 2023 04:44

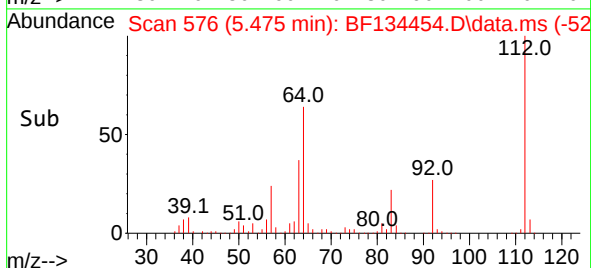
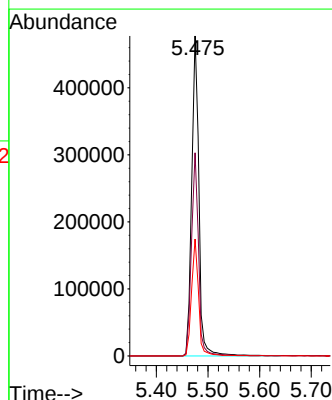
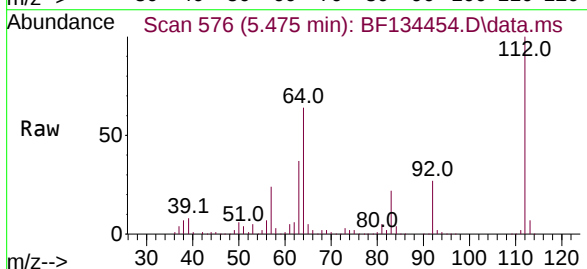
Instrument :
 BNA_F
 ClientSampleId :
 TP22

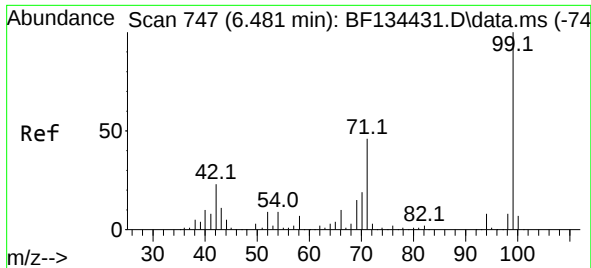
Tgt Ion:152 Resp: 63744
 Ion Ratio Lower Upper
 152 100
 150 161.5 128.3 192.5
 115 64.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 119.637 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134454.D
 Acq: 25 Jul 2023 04:44

Tgt Ion:112 Resp: 461576
 Ion Ratio Lower Upper
 112 100
 64 63.5 44.9 67.3
 63 36.6 25.4 38.0

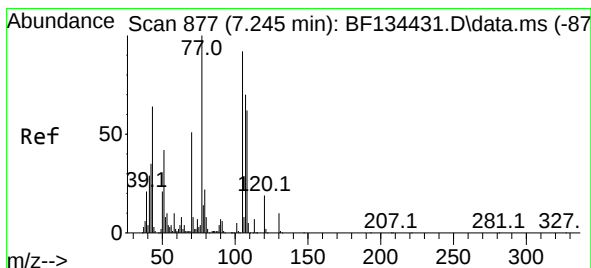
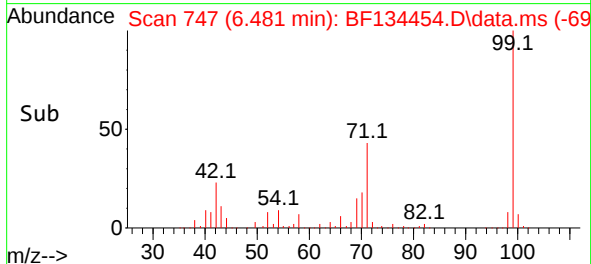
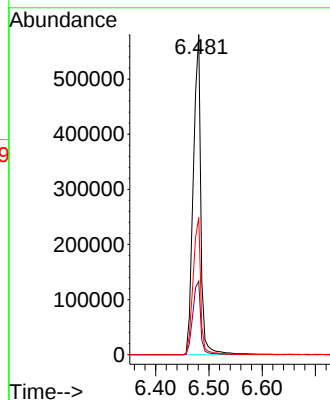
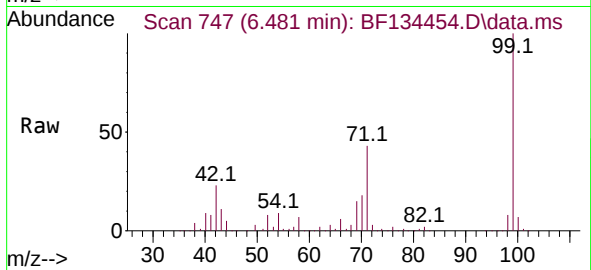




#7
Phenol-d6
Concen: 121.621 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

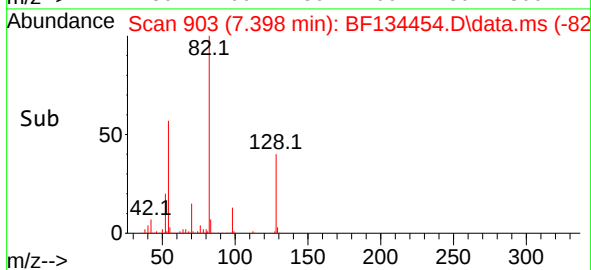
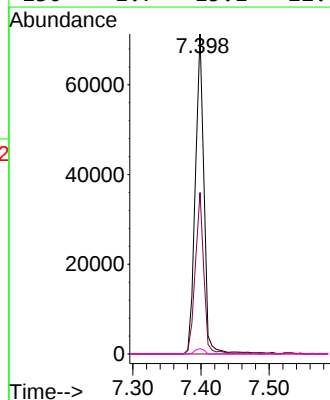
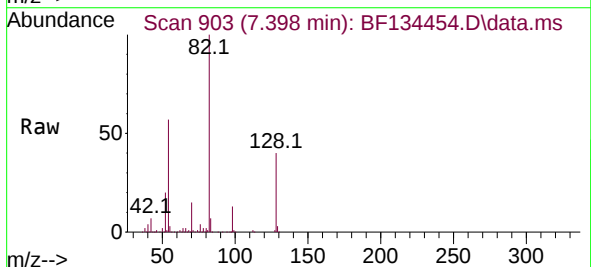
Instrument :
BNA_F
ClientSampleId :
TP22

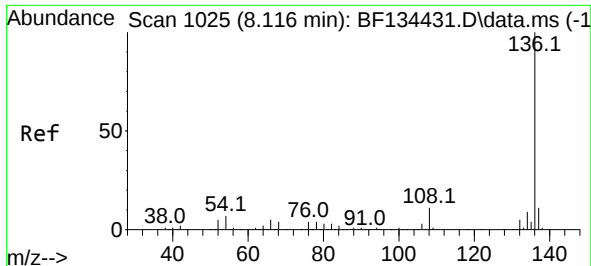
Tgt Ion: 99 Resp: 574900
Ion Ratio Lower Upper
99 100
42 23.0 18.7 28.1
71 42.9 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 21.344 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion: 70 Resp: 62808
Ion Ratio Lower Upper
70 100
42 50.4 54.7 82.1#
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#

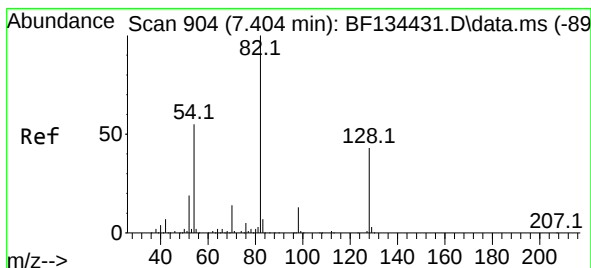
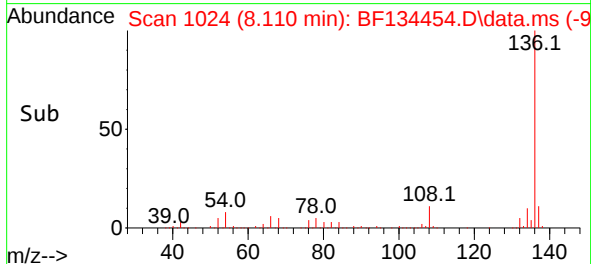
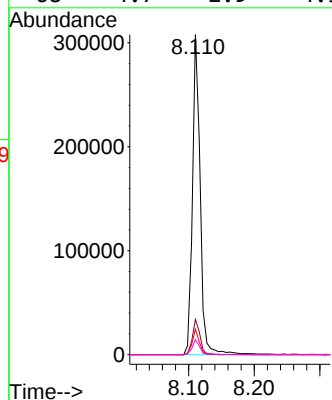
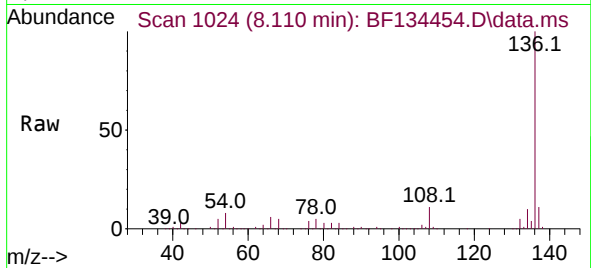




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

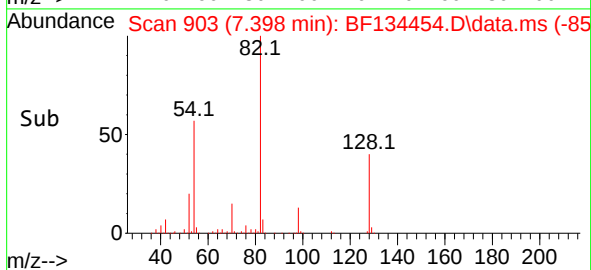
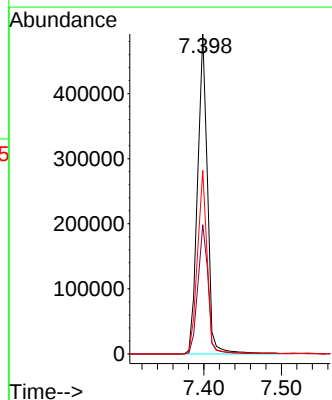
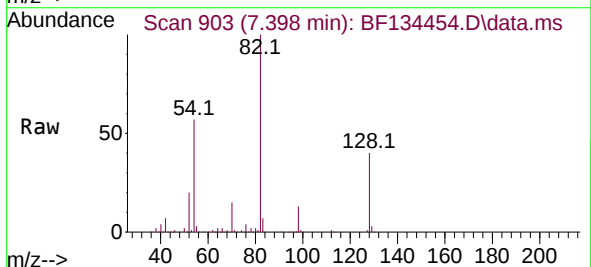
Instrument :
BNA_F
ClientSampleId :
TP22

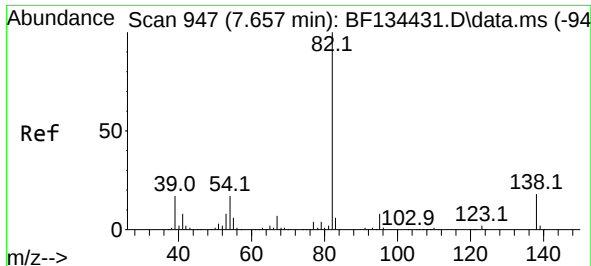
Tgt Ion:136 Resp: 253154
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 5.2 7.8#
68 4.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 87.400 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion: 82 Resp: 437314
Ion Ratio Lower Upper
82 100
128 40.4 34.3 51.5
54 57.4 43.8 65.6

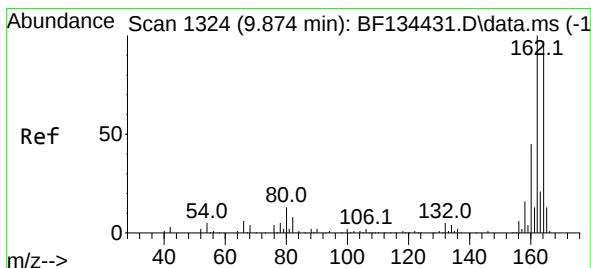
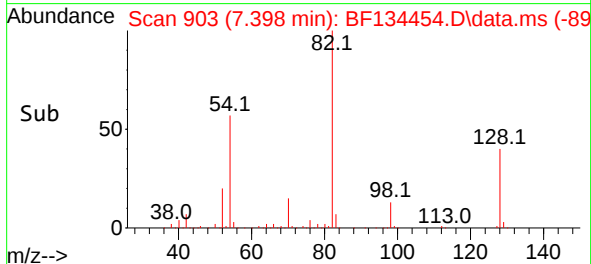
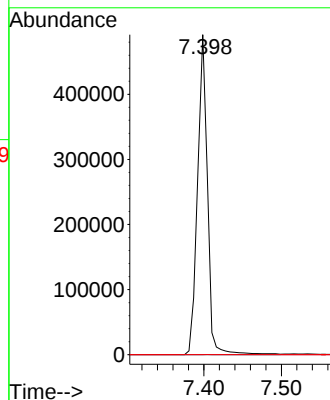
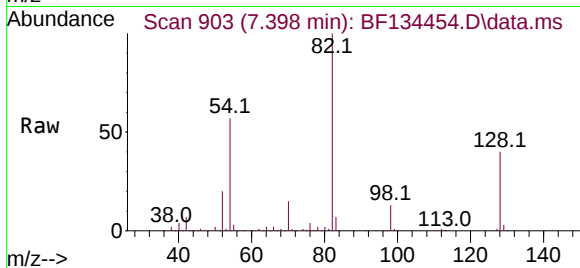




#25
Isophorone
Concen: 52.442 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

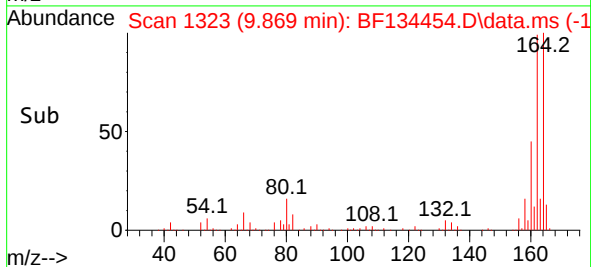
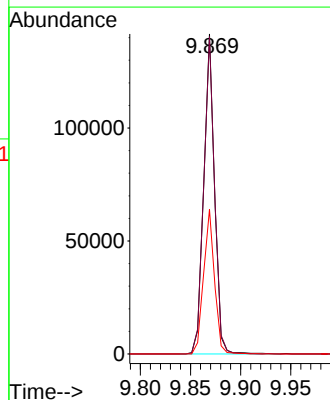
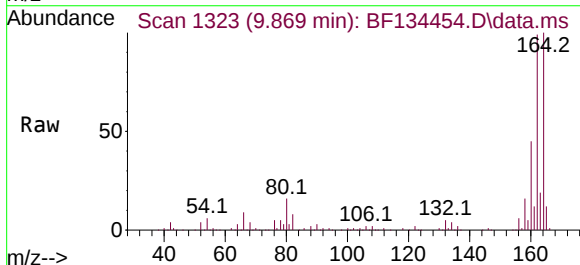
Instrument :
BNA_F
ClientSampleId :
TP22

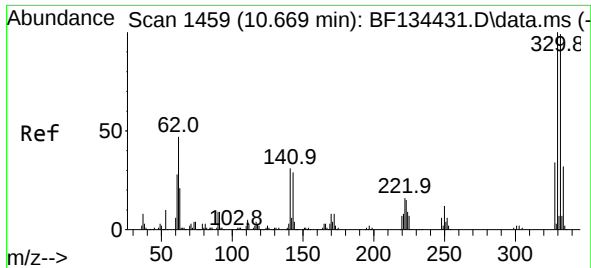
Tgt Ion: 82 Resp: 437314
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion: 164 Resp: 106370
Ion Ratio Lower Upper
164 100
162 99.1 82.6 123.8
160 45.2 37.2 55.8

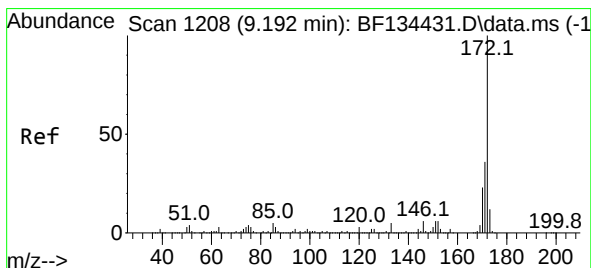
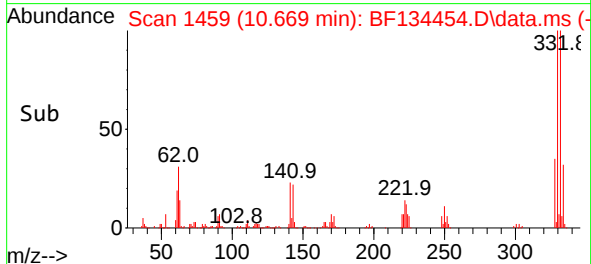
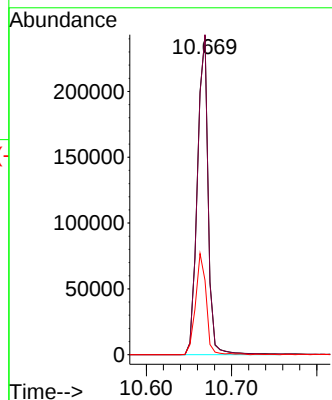
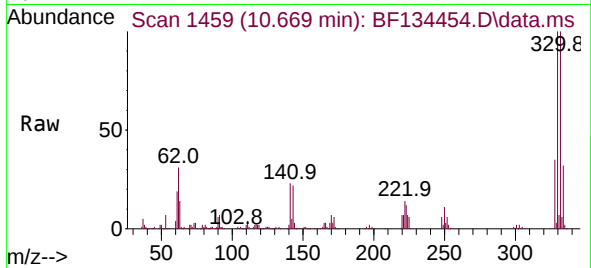




#42
2,4,6-Tribromophenol
Concen: 140.980 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

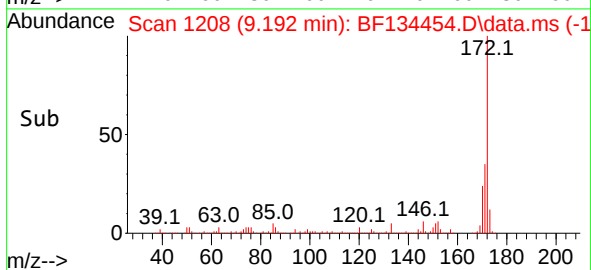
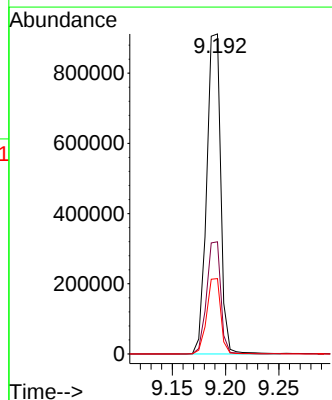
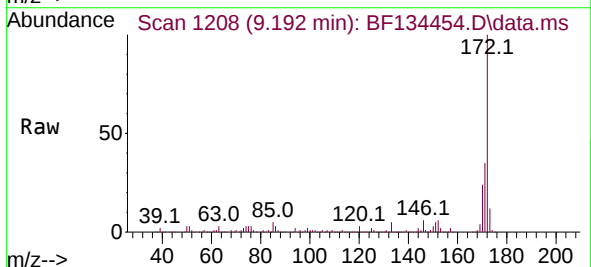
Instrument :
BNA_F
ClientSampleId :
TP22

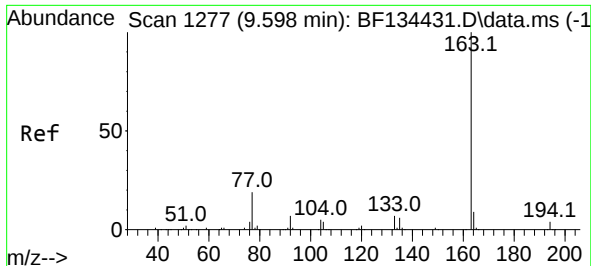
Tgt Ion:330 Resp: 213067
Ion Ratio Lower Upper
330 100
332 99.4 78.8 118.2
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 103.549 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:172 Resp: 839010
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 18.7 28.1

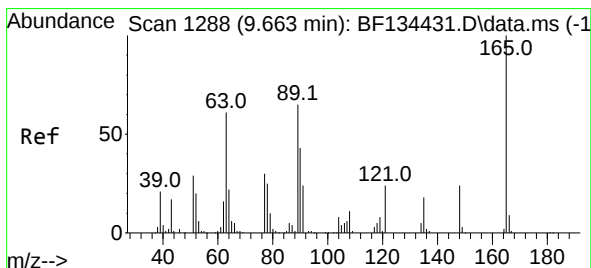
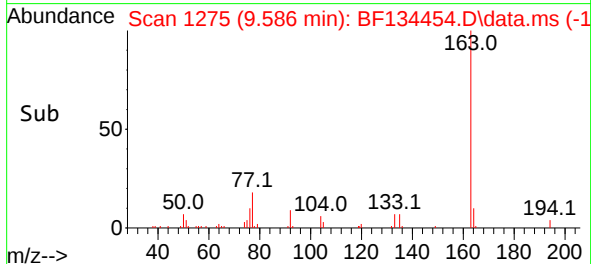
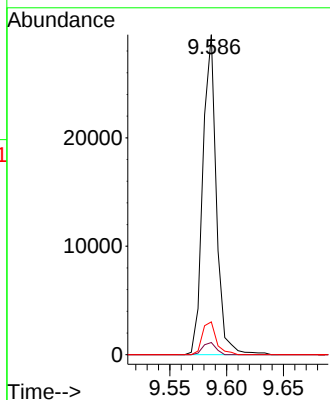
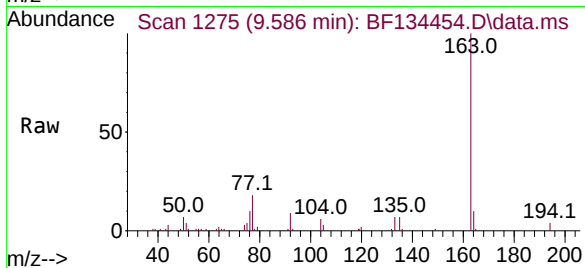




#50
Dimethylphthalate
Concen: 3.103 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

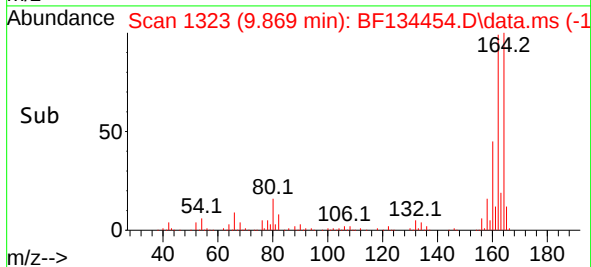
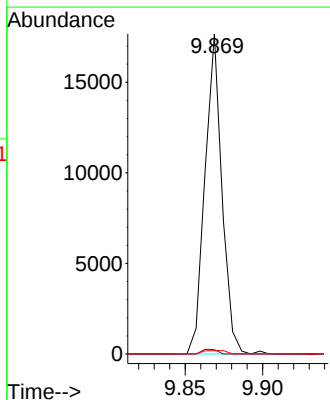
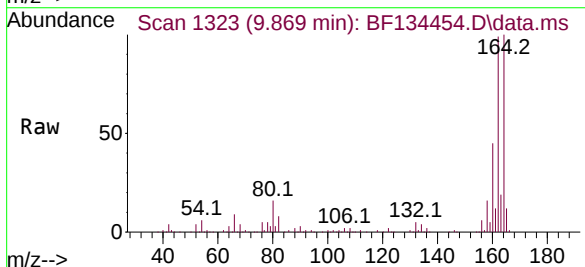
Instrument :
BNA_F
ClientSampleId :
TP22

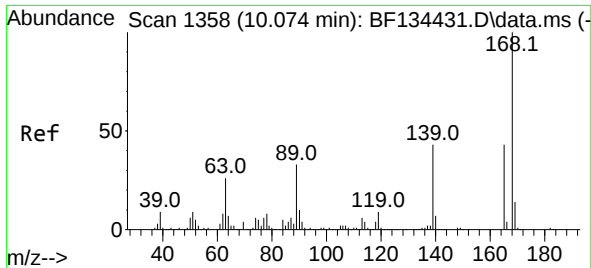
Tgt Ion:163 Resp: 24469
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:165 Resp: 13470
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.0 51.8 77.8#

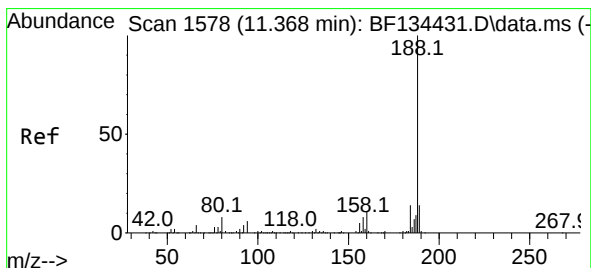
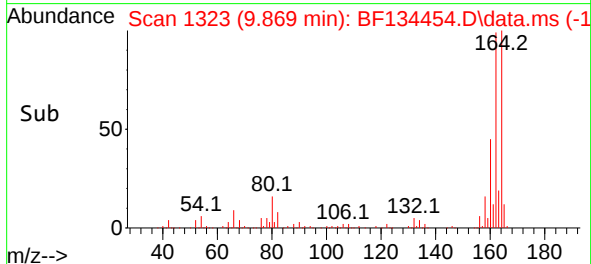
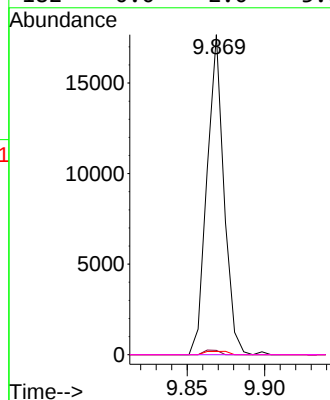
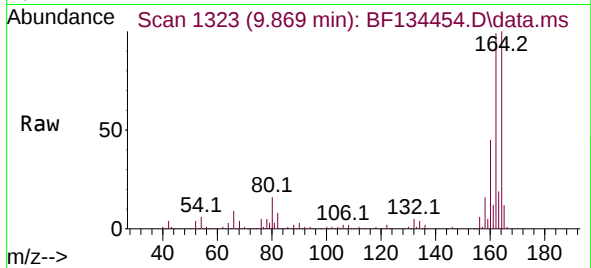




#57
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

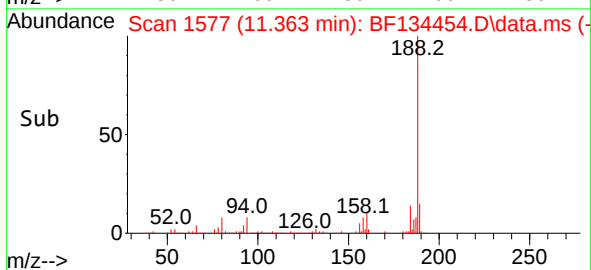
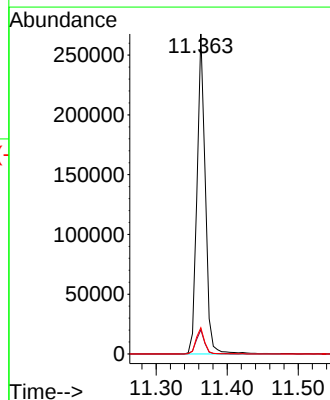
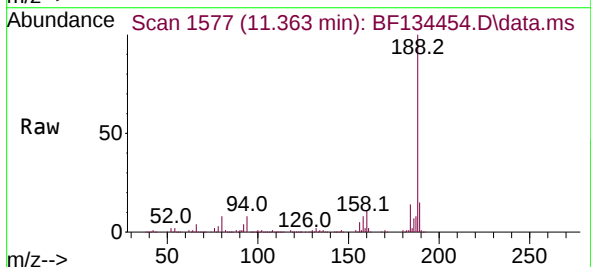
Instrument :
BNA_F
ClientSampleId :
TP22

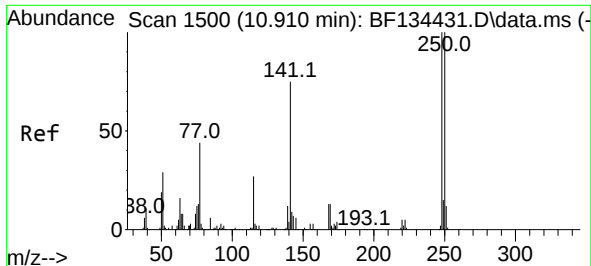
Tgt Ion:165 Resp: 13470
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:188 Resp: 218650
Ion Ratio Lower Upper
188 100
94 7.5 5.1 7.7
80 8.2 6.6 9.8

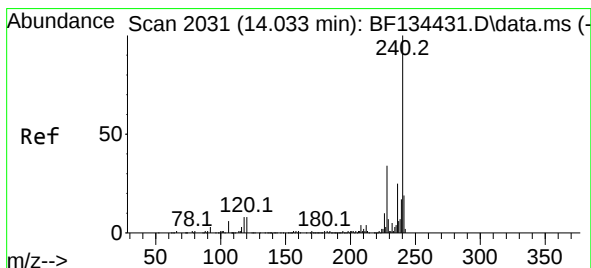
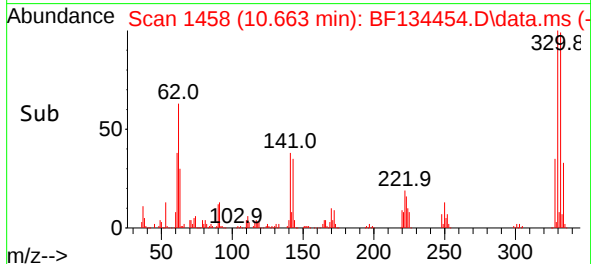
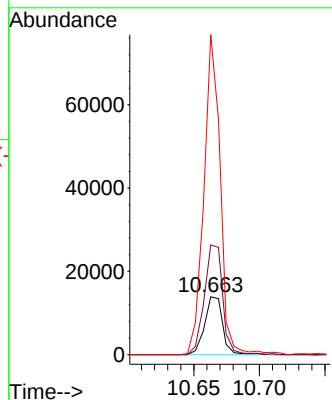
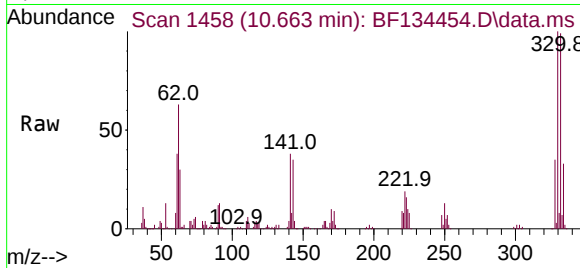




#67
4-Bromophenyl-phenylether
Concen: 5.551 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

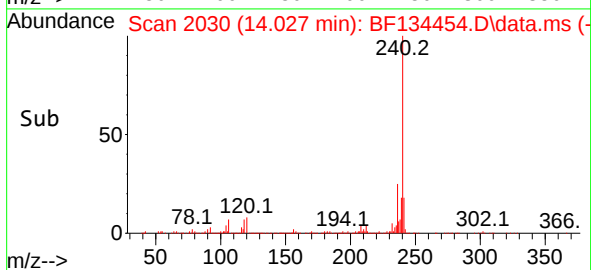
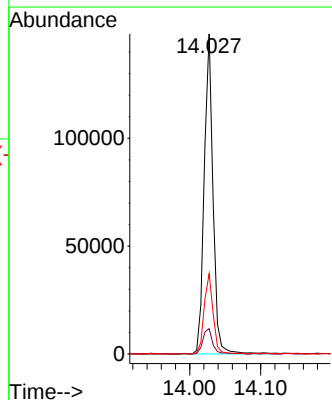
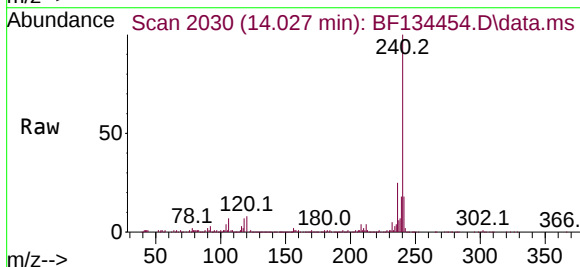
Instrument :
BNA_F
ClientSampleId :
TP22

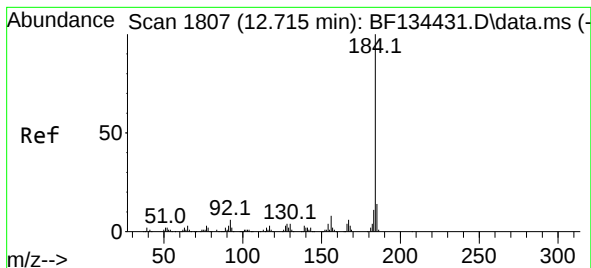
Tgt Ion:248 Resp: 13298
Ion Ratio Lower Upper
248 100
250 189.6 79.6 119.4#
141 552.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:240 Resp: 128974
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 25.1 20.2 30.2





#77

Benzidine

Concen: 3.740 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.248 min

Lab File: BF134454.D

Acq: 25 Jul 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP22

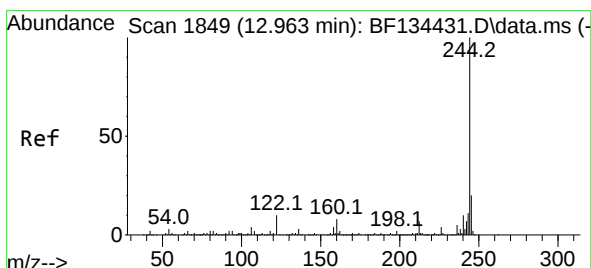
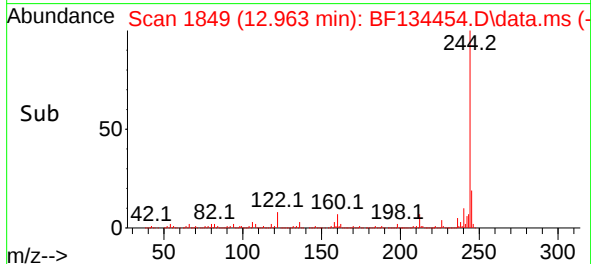
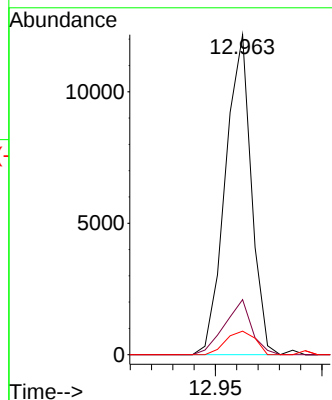
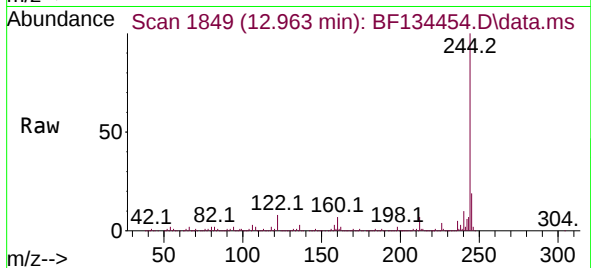
Tgt Ion:184 Resp: 10299

Ion Ratio Lower Upper

184 100

185 17.2 11.2 16.8#

183 7.3 8.6 13.0#



#79

Terphenyl-d14

Concen: 93.244 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF134454.D

Acq: 25 Jul 2023 04:44

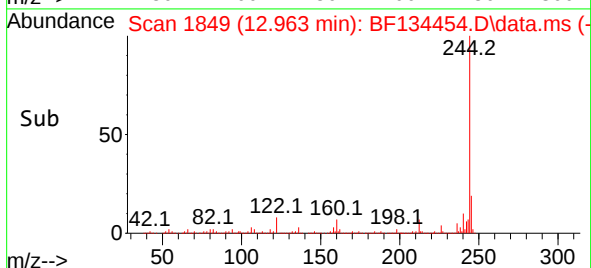
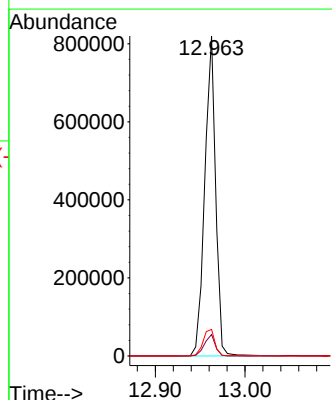
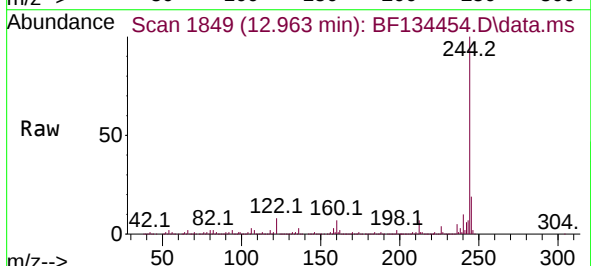
Tgt Ion:244 Resp: 688908

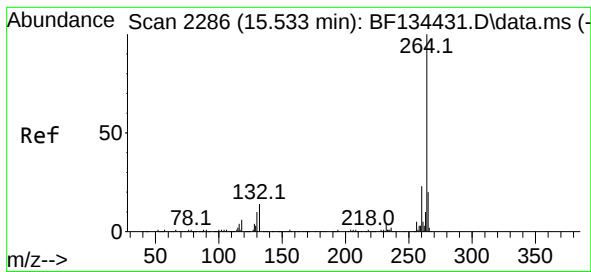
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 8.3 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: BF134454.D
Acq: 25 Jul 2023 04:44

Instrument :
BNA_F
ClientSampleId :
TP22

Tgt Ion:264 Resp: 107707
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.3 15.8 23.8

