

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134443.D
 Acq On : 24 Jul 2023 22:50
 Operator : CG\JU
 Sample : 03652-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP19

Quant Time: Jul 25 02:54:52 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)

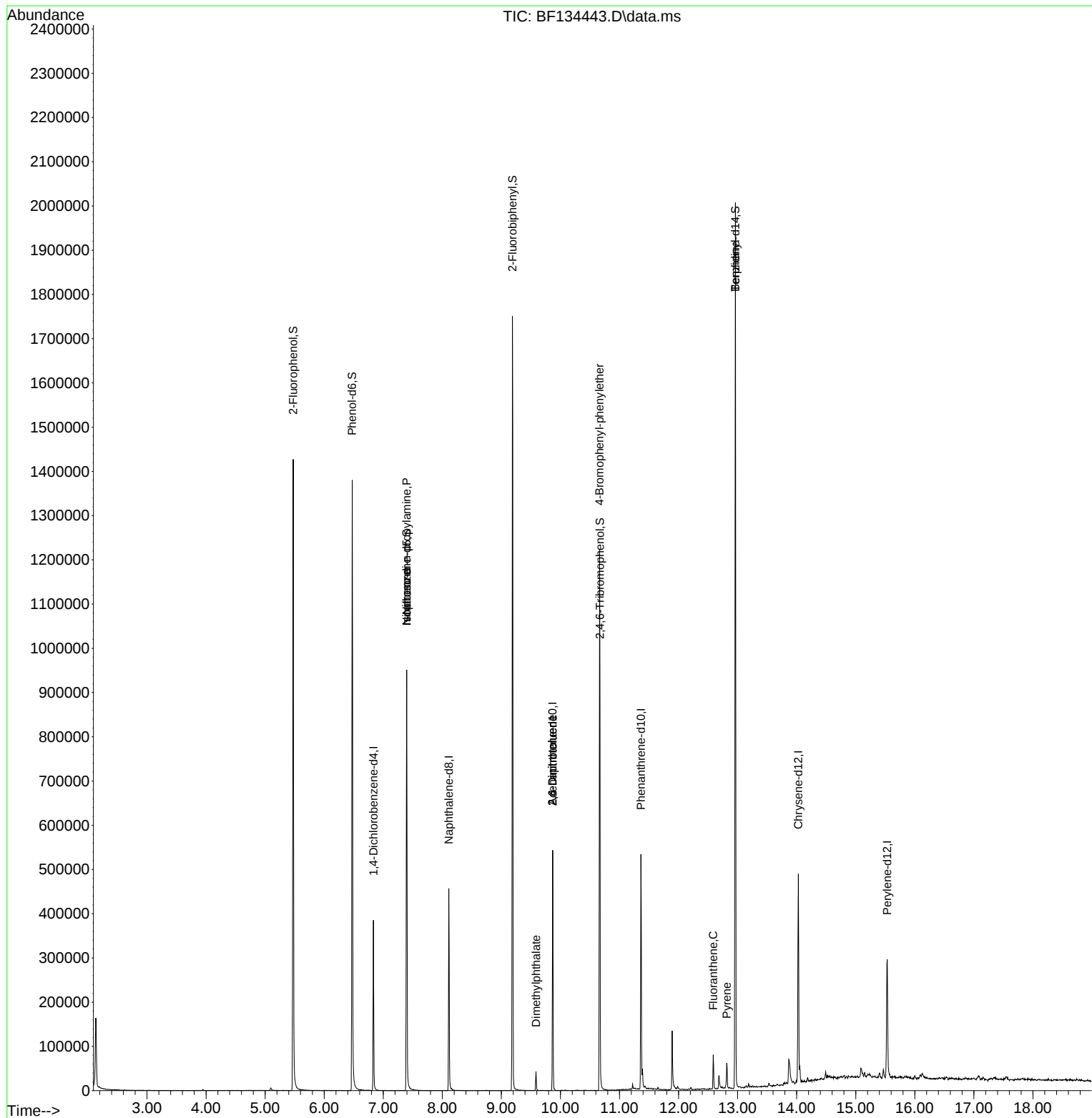
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49974	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	195123	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94722	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	192112	20.000	ng	0.00
76) Chrysene-d12	14.027	240	148930	20.000	ng	0.00
86) Perylene-d12	15.533	264	136230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351175	116.102	ng	0.00
7) Phenol-d6	6.475	99	409989	110.632	ng	0.00
23) Nitrobenzene-d5	7.398	82	278165	72.127	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	149576	111.140	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	524161	72.646	ng	0.00
79) Terphenyl-d14	12.963	244	655823	76.871	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	38899	16.861	ng	# 75
25) Isophorone	7.398	82	278165	43.277	ng	# 65
50) Dimethylphthalate	9.586	163	16895	2.406	ng	# 98
51) 2,6-Dinitrotoluene	9.869	165	13243	8.595	ng	# 16
57) 2,4-Dinitrotoluene	9.869	165	13243	6.399	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8406	3.994	ng	# 1
75) Fluoranthene	12.586	202	30083	2.572	ng	99
77) Benzidine	12.963	184	9165	2.882	ng	# 91
78) Pyrene	12.816	202	25662	2.167	ng	99

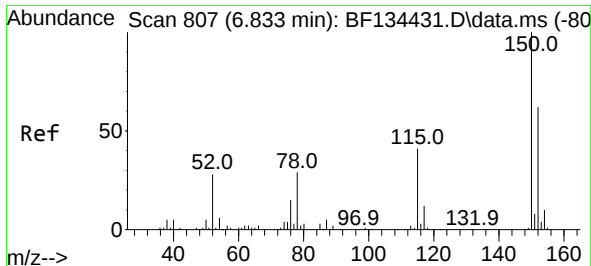
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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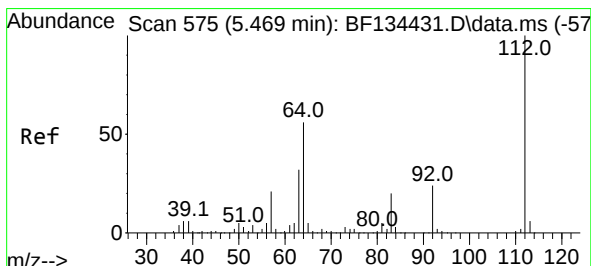
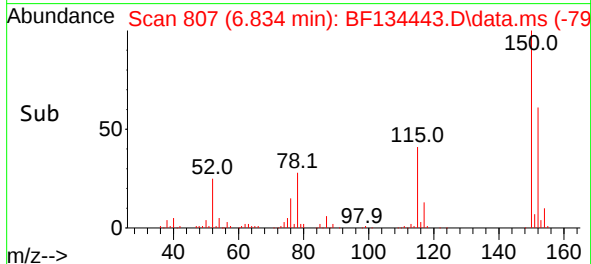
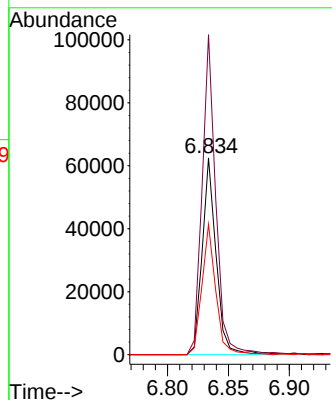
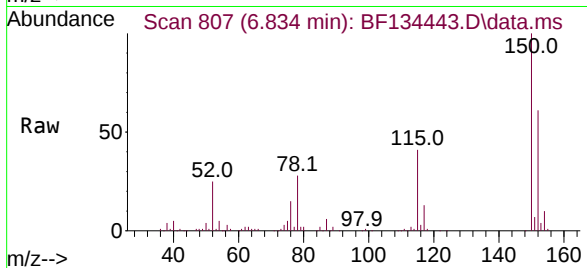




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

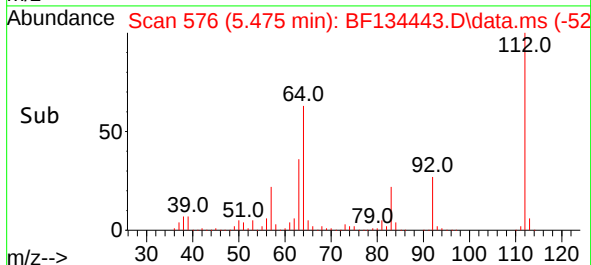
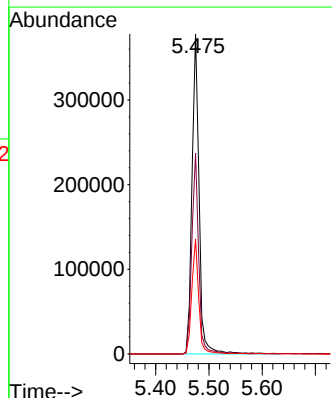
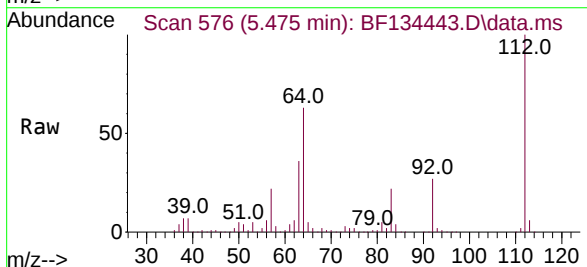
Instrument :
BNA_F
ClientSampleId :
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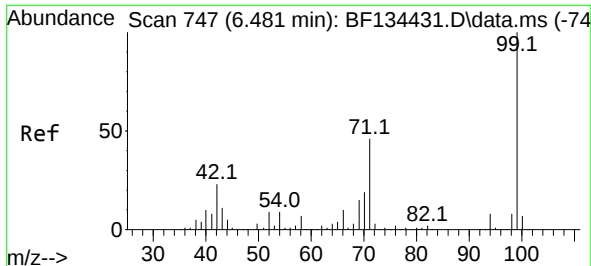
Tgt Ion:152 Resp: 49974
Ion Ratio Lower Upper
152 100
150 162.6 128.3 192.5
115 66.3 52.4 78.6



#5
2-Fluorophenol
Concen: 116.102 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:112 Resp: 351175
Ion Ratio Lower Upper
112 100
64 62.7 44.9 67.3
63 35.9 25.4 38.0

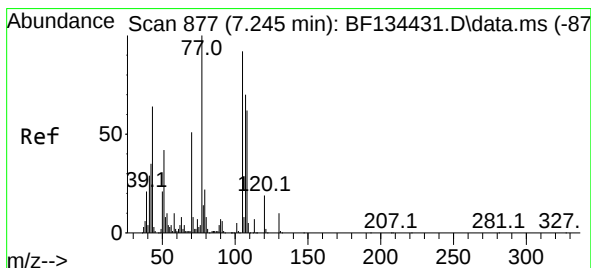
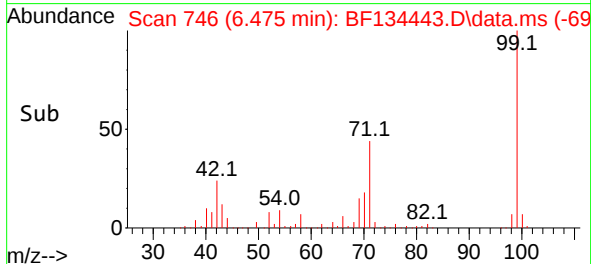
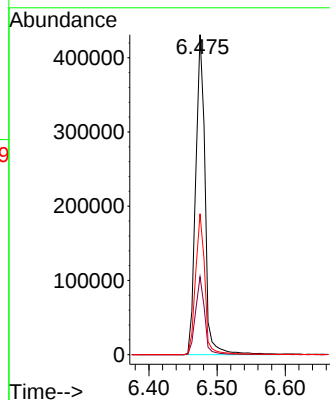
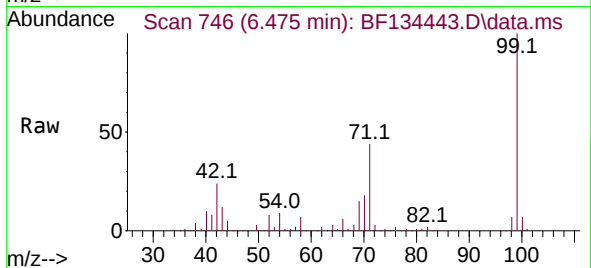




#7
Phenol-d6
Concen: 110.632 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

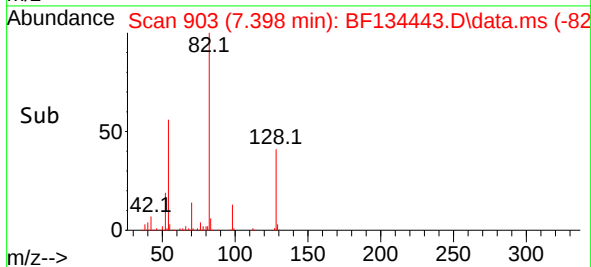
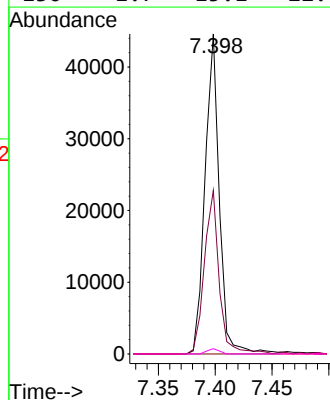
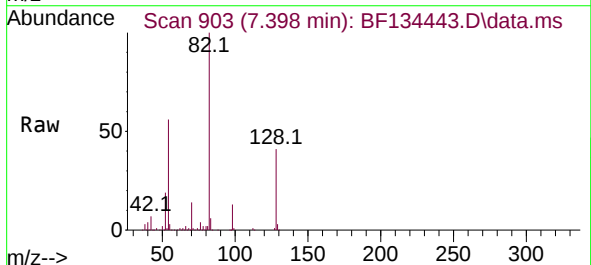
Instrument :
BNA_F
ClientSampleId :
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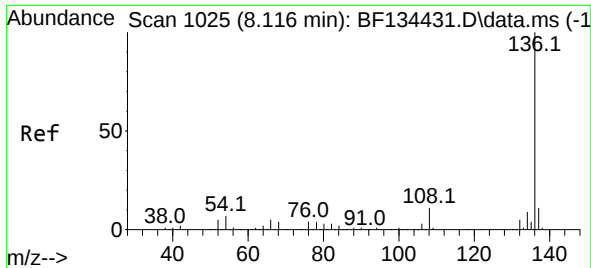
Tgt Ion: 99 Resp: 409989
Ion Ratio Lower Upper
99 100
42 24.4 18.7 28.1
71 44.0 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.861 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion: 70 Resp: 38899
Ion Ratio Lower Upper
70 100
42 51.1 54.7 82.1#
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#

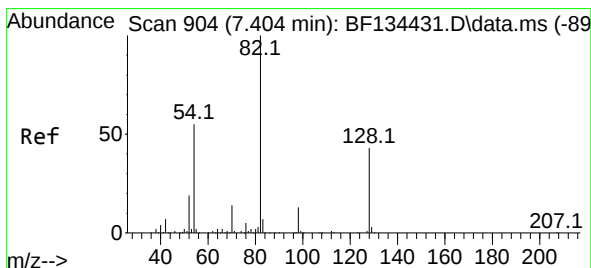
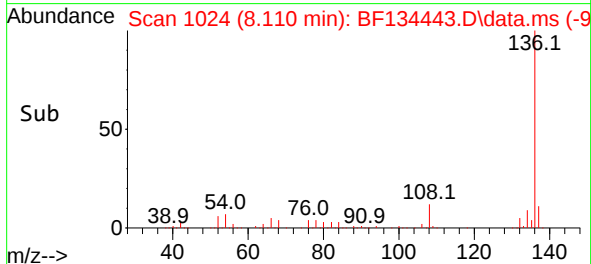
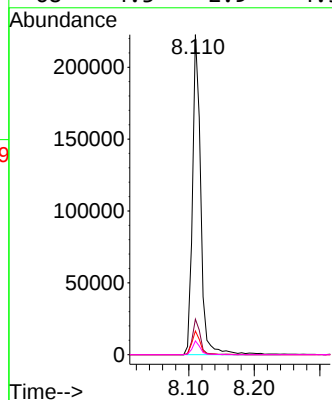
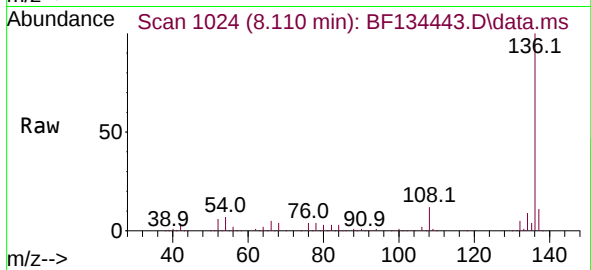




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

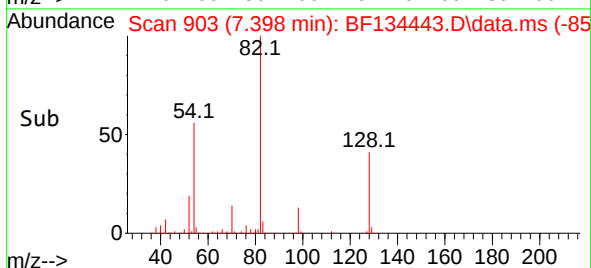
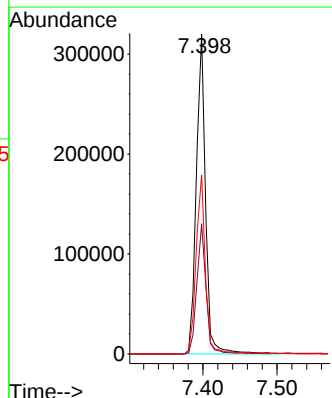
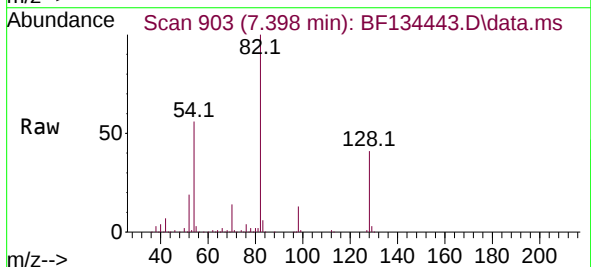
Instrument :
BNA_F
ClientSampleId :
TP19

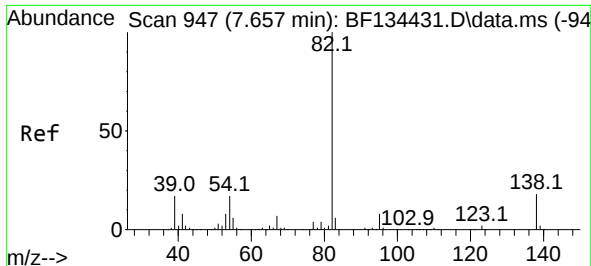
Tgt Ion:136 Resp: 195123
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 5.2 7.8
68 4.3 2.9 4.3



#23
Nitrobenzene-d5
Concen: 72.127 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion: 82 Resp: 278165
Ion Ratio Lower Upper
82 100
128 40.7 34.3 51.5
54 56.0 43.8 65.6

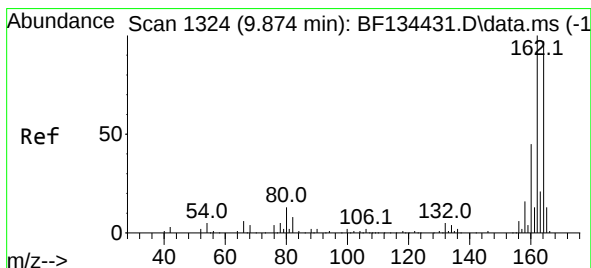
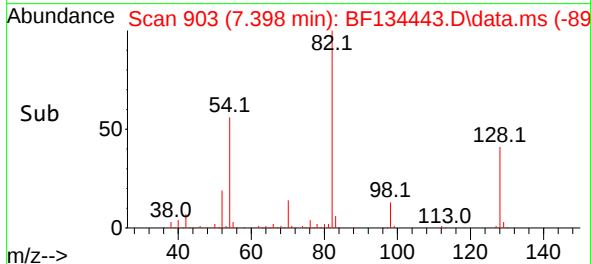
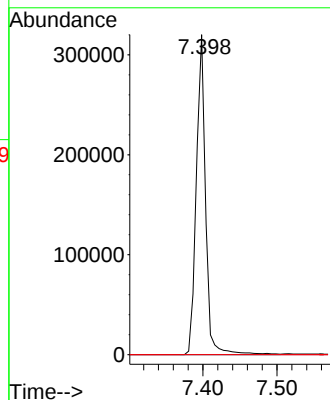
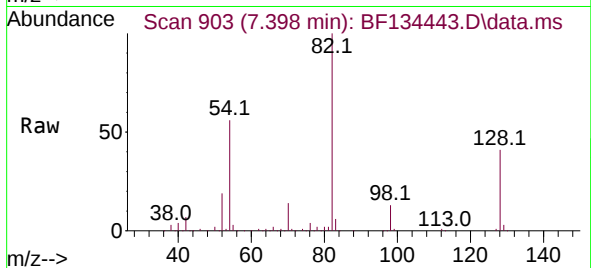




#25
Isophorone
Concen: 43.277 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

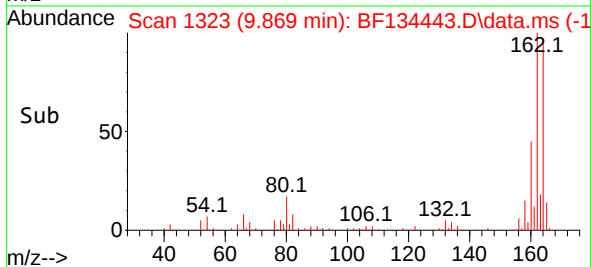
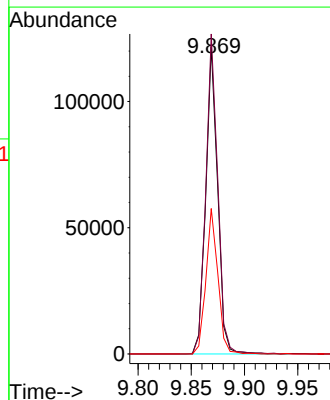
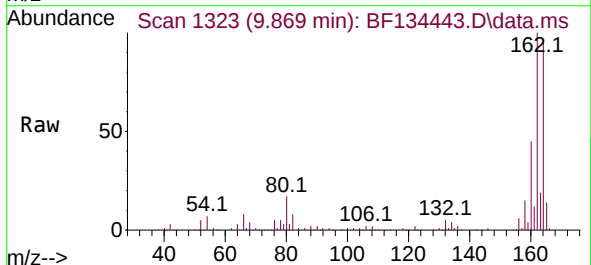
Instrument :
BNA_F
ClientSampleId :
TP19

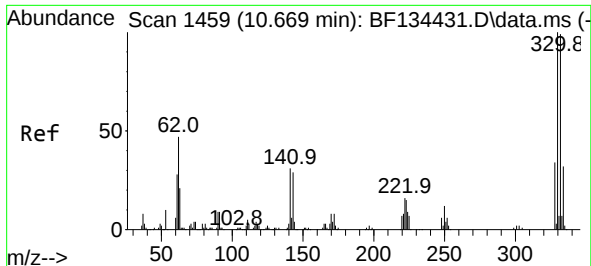
Tgt Ion: 82 Resp: 278165
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:164 Resp: 94722
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 47.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 111.140 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134443.D

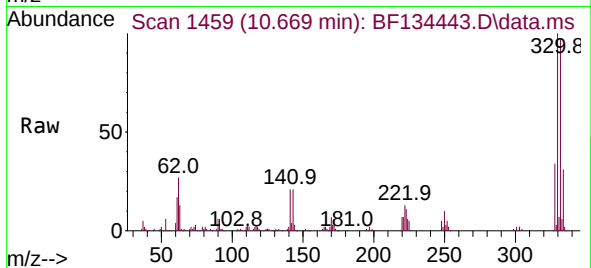
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Instrument :

BNA_F

ClientSampleId :

TP19



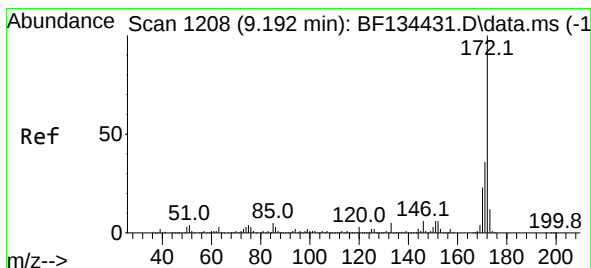
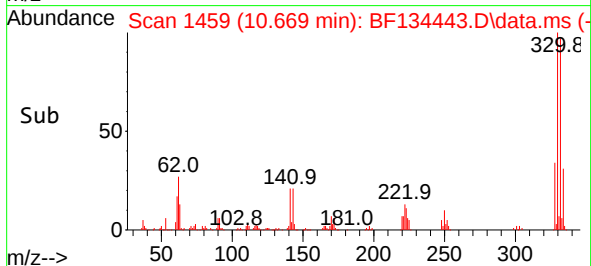
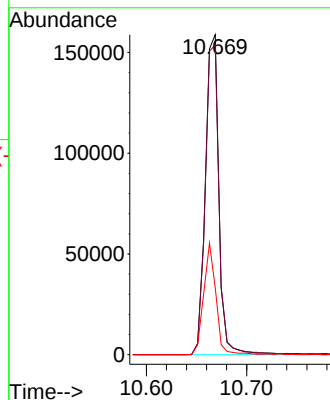
Tgt Ion:330 Resp: 149576

Ion Ratio Lower Upper

330 100

332 99.2 78.8 118.2

141 31.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 72.646 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

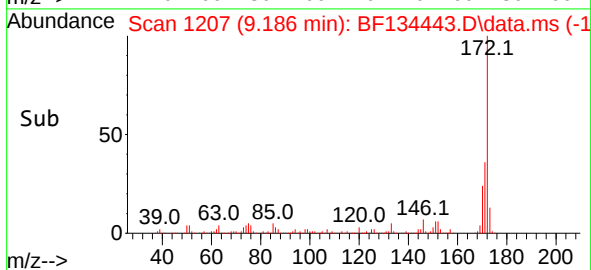
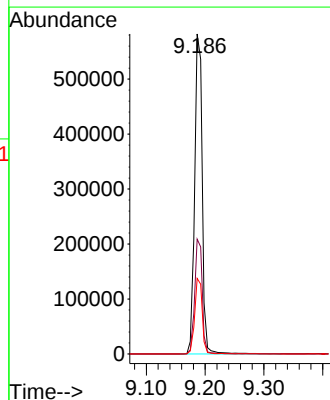
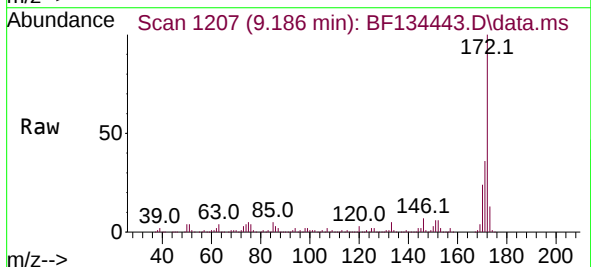
Tgt Ion:172 Resp: 524161

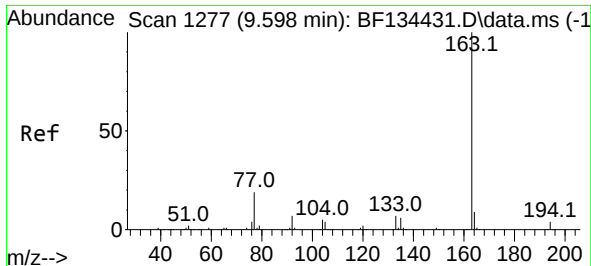
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 18.7 28.1

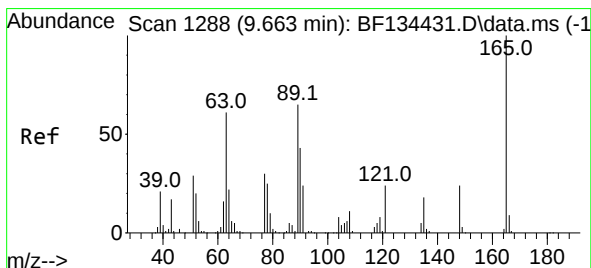
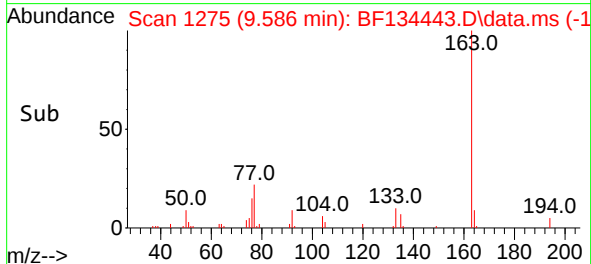
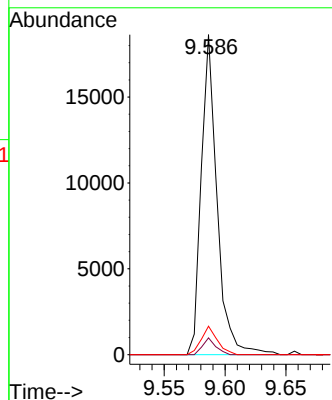
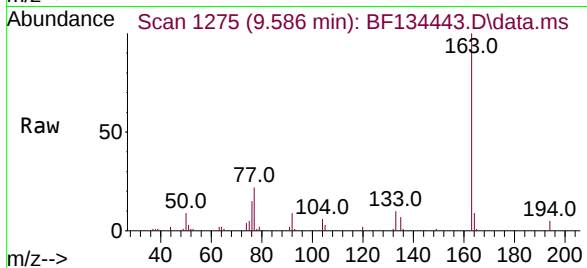




#50
Dimethylphthalate
Concen: 2.406 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

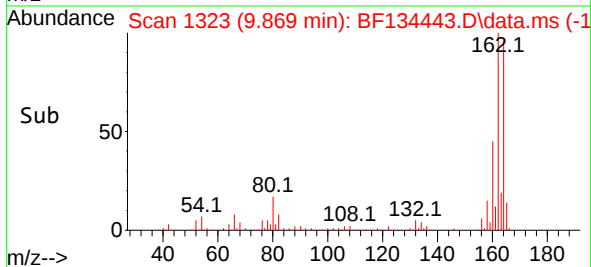
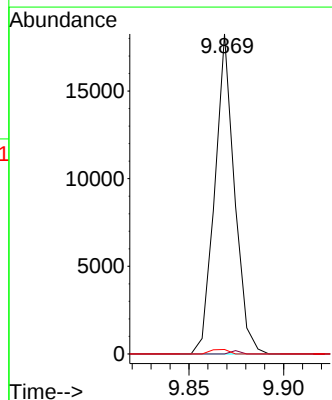
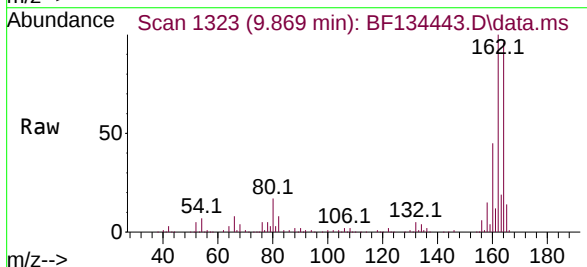
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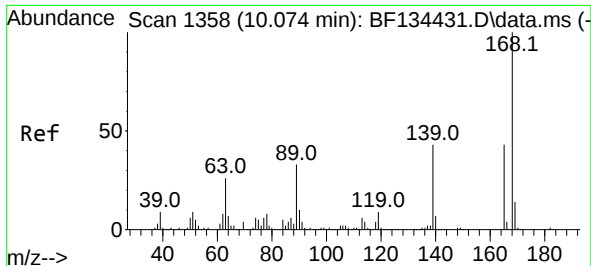
Tgt Ion:163 Resp: 16895
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 8.9 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

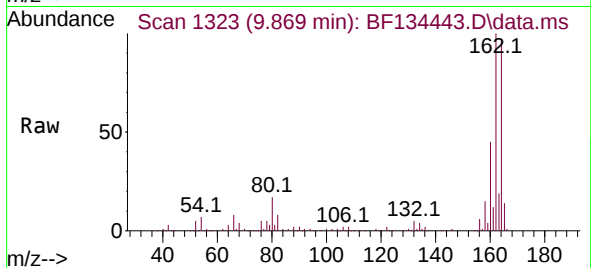
Tgt Ion:165 Resp: 13243
Ion Ratio Lower Upper
165 100
63 0.0 57.8 86.6#
89 1.4 51.8 77.8#



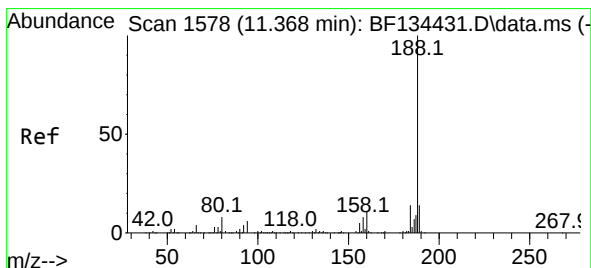
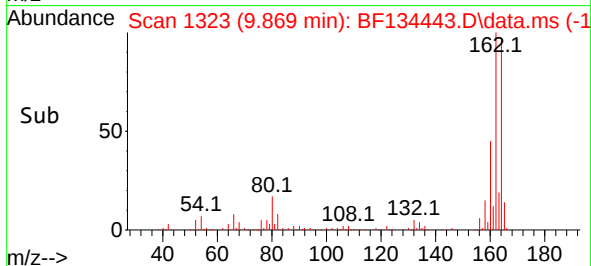
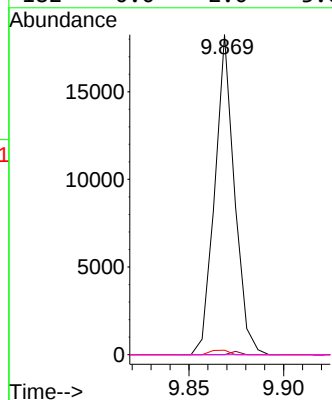


#57
2,4-Dinitrotoluene
Concen: 6.399 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Instrument :
BNA_F
ClientSampleId :
TP19

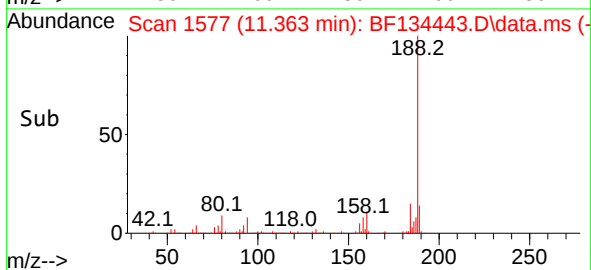
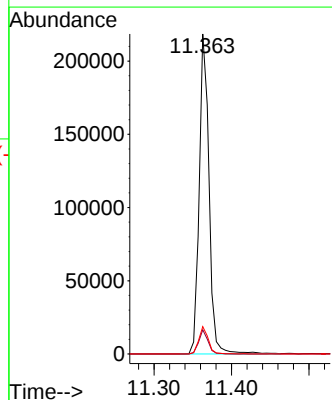
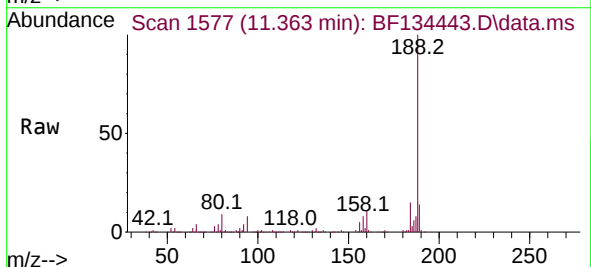


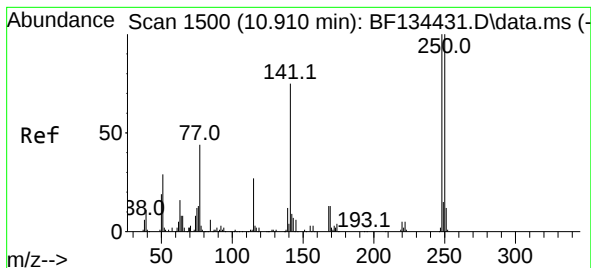
Tgt Ion:165 Resp: 13243
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:188 Resp: 192112
Ion Ratio Lower Upper
188 100
94 7.6 5.1 7.7
80 8.6 6.6 9.8

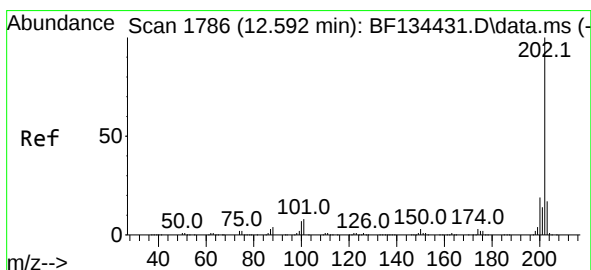
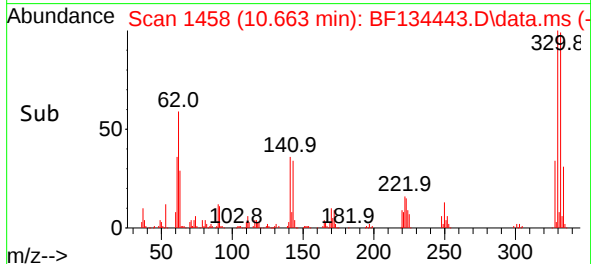
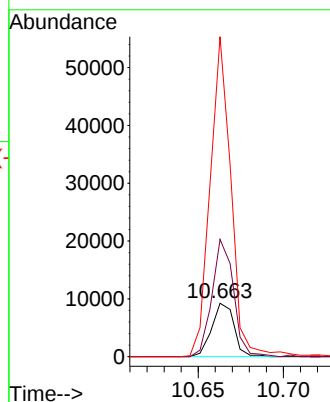
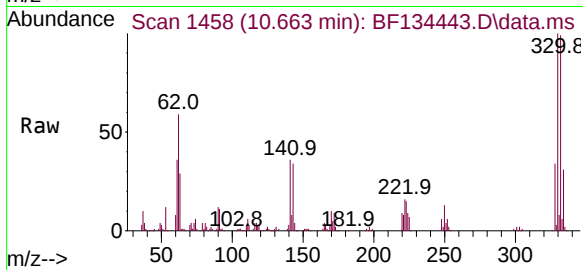




#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

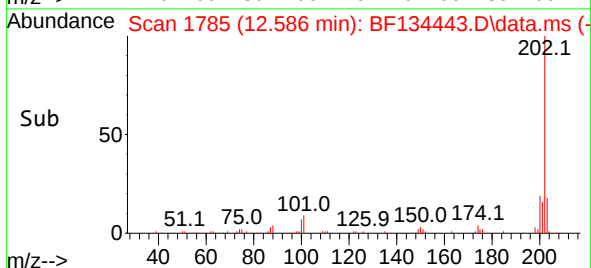
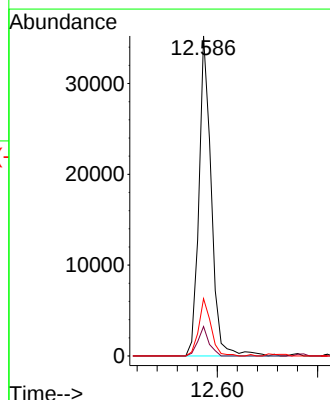
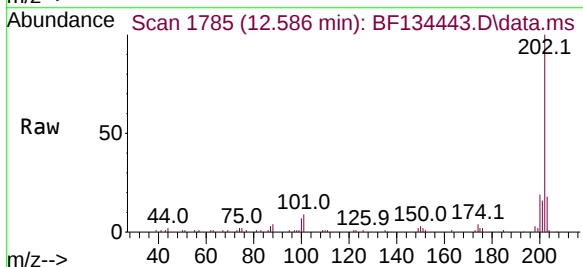
Instrument :
BNA_F
ClientSampleId :
TP19

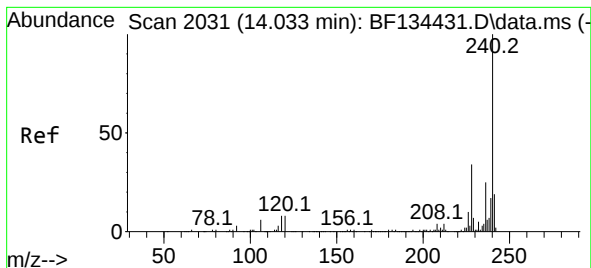
Tgt Ion:248 Resp: 8406
Ion Ratio Lower Upper
248 100
250 219.6 79.6 119.4#
141 599.2 59.6 89.4#



#75
Fluoranthene
Concen: 2.572 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF134443.D
Acq: 24 Jul 2023 22:50

Tgt Ion:202 Resp: 30083
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.5
203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

Instrument :

BNA_F

ClientSampleId :

TP19

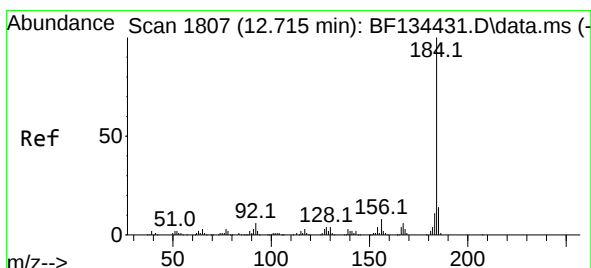
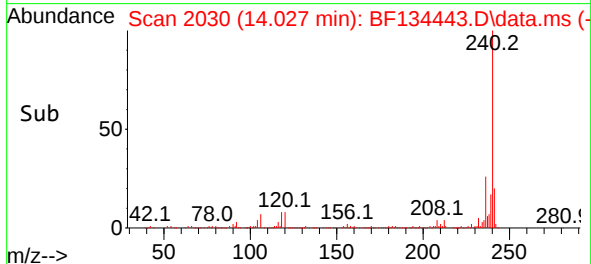
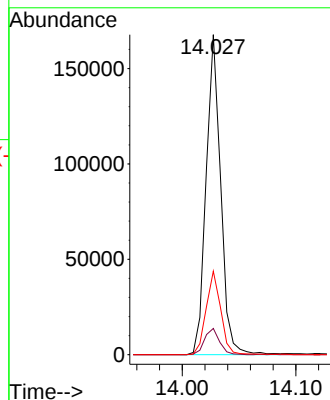
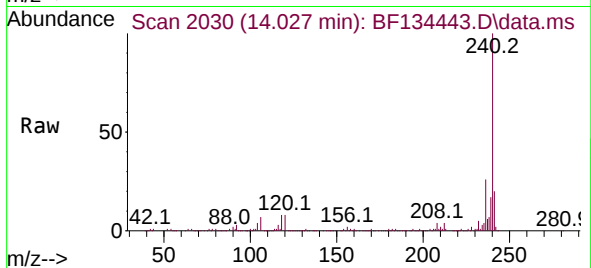
Tgt Ion:240 Resp: 148930

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

236 26.1 20.2 30.2



#77

Benzidine

Concen: 2.882 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.248 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

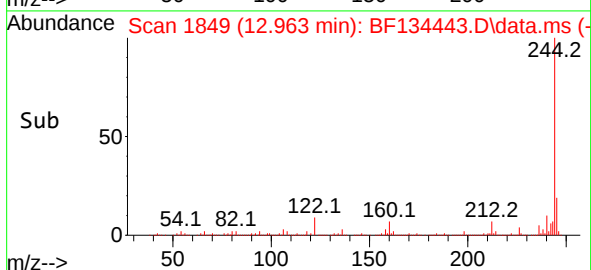
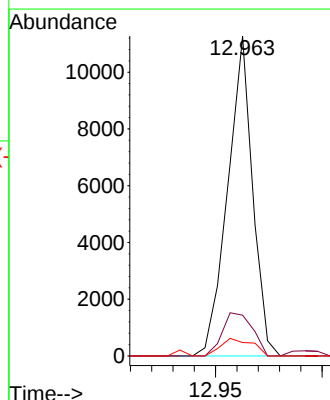
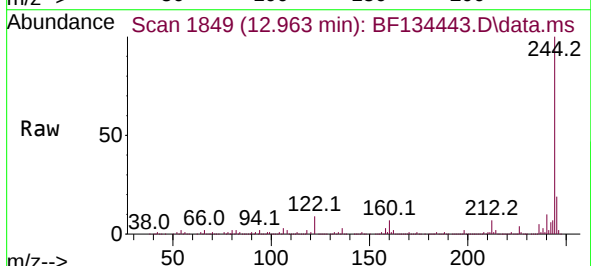
Tgt Ion:184 Resp: 9165

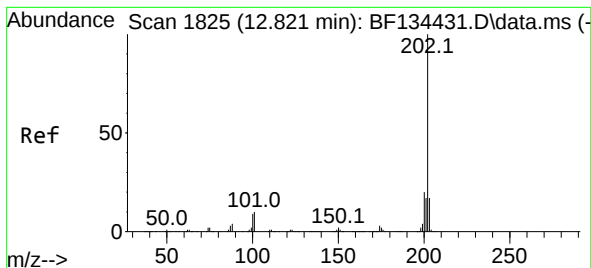
Ion Ratio Lower Upper

184 100

185 12.8 11.2 16.8

183 4.2 8.6 13.0#





#78

Pyrene

Concen: 2.167 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

Instrument :

BNA_F

ClientSampleId :

TP19

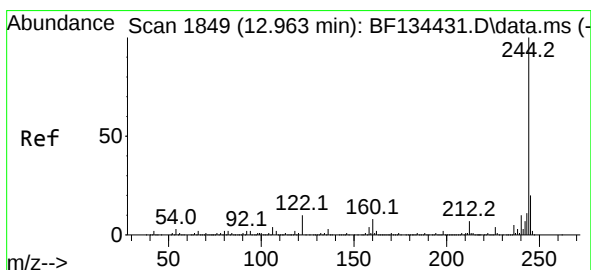
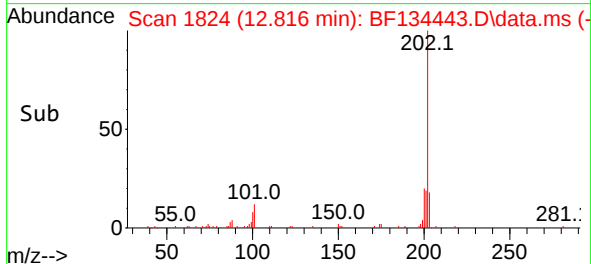
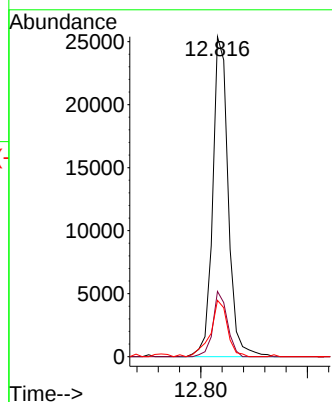
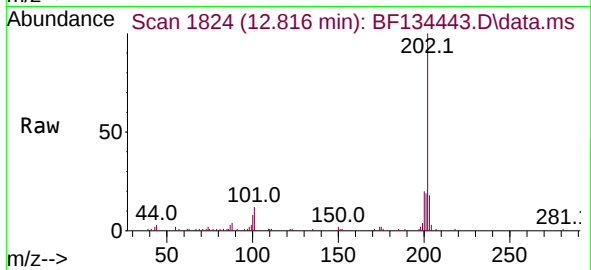
Tgt Ion:202 Resp: 25662

Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.8

203 17.6 13.5 20.3



#79

Terphenyl-d14

Concen: 76.871 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF134443.D

Acq: 24 Jul 2023 22:50

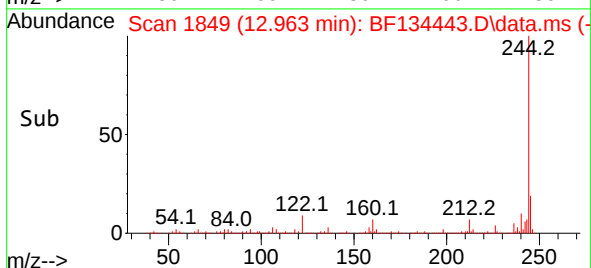
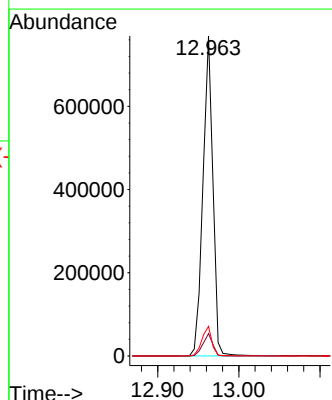
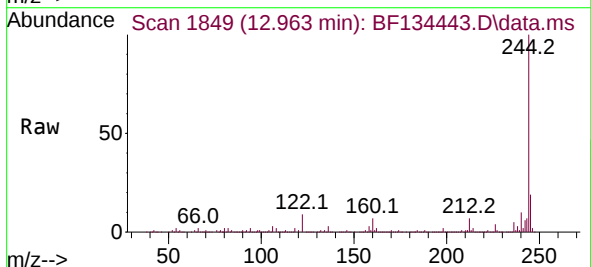
Tgt Ion:244 Resp: 655823

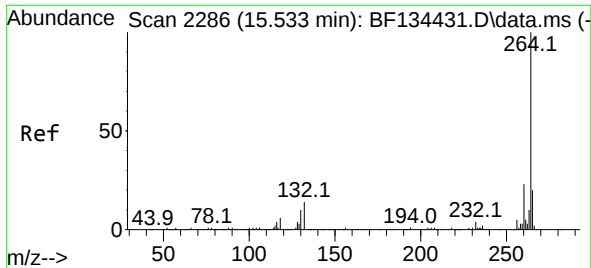
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

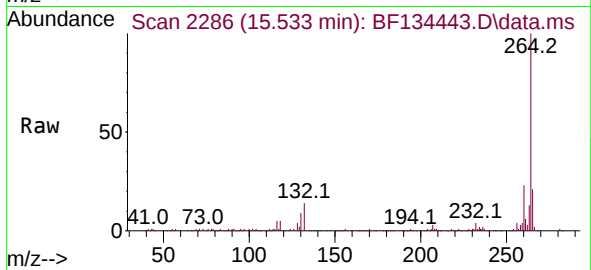
122 9.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134443.D
 Acq: 24 Jul 2023 22:50

Instrument :
 BNA_F
 ClientSampleId :
 TP19



Tgt Ion:264 Resp: 136230
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.1 15.8 23.8

