

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134450.D
 Acq On : 25 Jul 2023 02:36
 Operator : CG\JU
 Sample : 03646-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YARD-1

Quant Time: Jul 25 04:58:48 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)

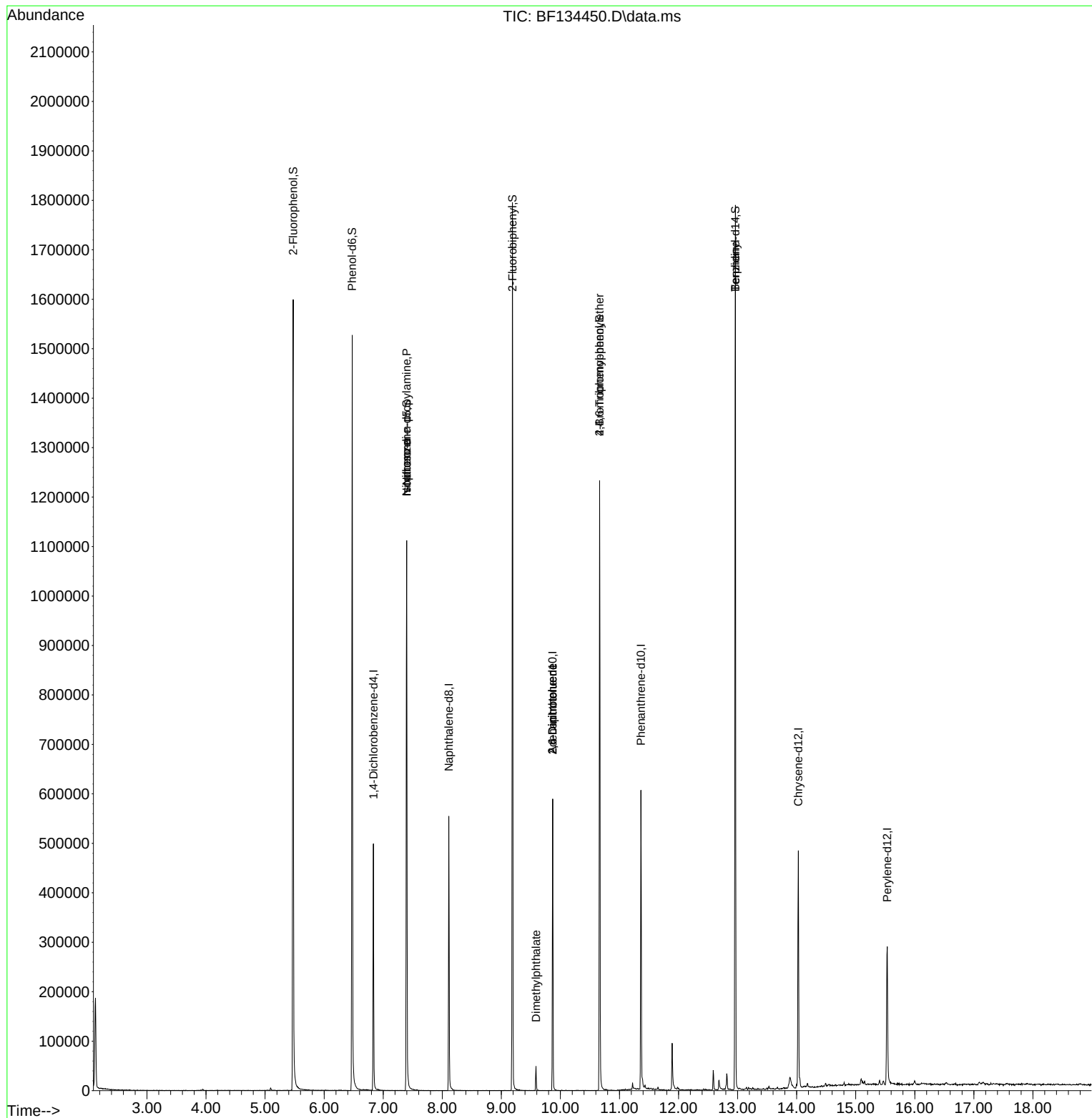
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	67413	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	221252	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	106605	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	214193	20.000	ng	0.00
76) Chrysene-d12	14.027	240	155292	20.000	ng	0.00
86) Perylene-d12	15.533	264	142174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	420044	102.946	ng	0.00
7) Phenol-d6	6.475	99	429822	85.980	ng	0.00
23) Nitrobenzene-d5	7.398	82	331884	75.893	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	149484	98.691	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	506462	62.369	ng	0.00
79) Terphenyl-d14	12.963	244	604118	67.910	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	46333	14.888	ng	# 75
25) Isophorone	7.398	82	331884	45.537	ng	# 65
50) Dimethylphthalate	9.587	163	18215	2.305	ng	# 97
51) 2,6-Dinitrotoluene	9.869	165	13437	7.749	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	13437	5.769	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8824	3.760	ng	# 1
77) Benzidine	12.963	184	8612	2.597	ng	# 96

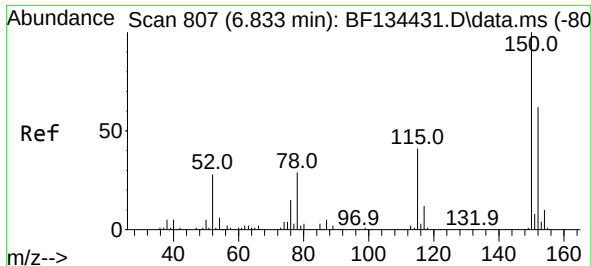
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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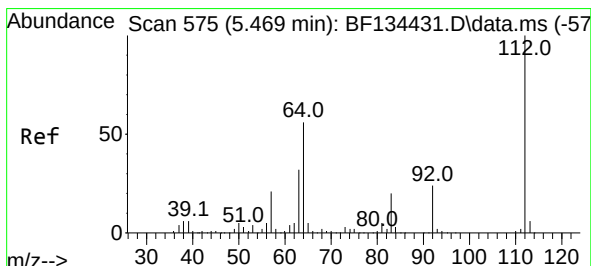
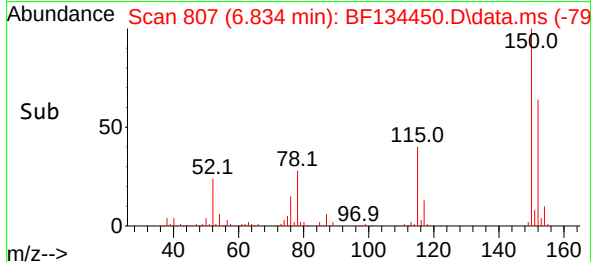
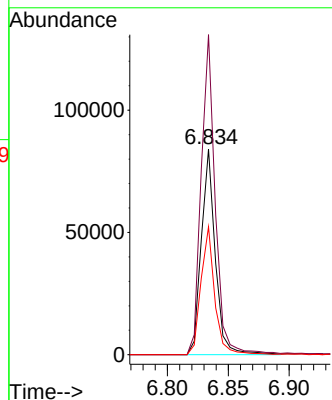
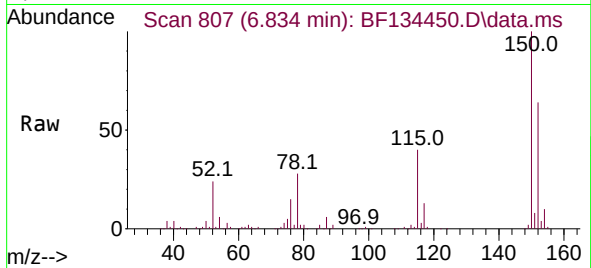




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

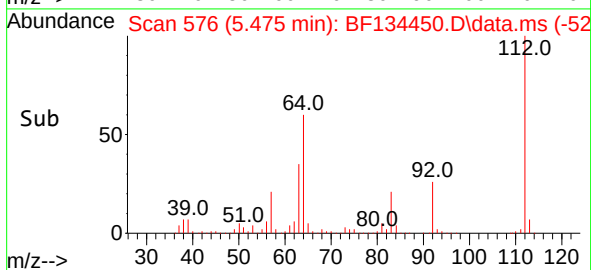
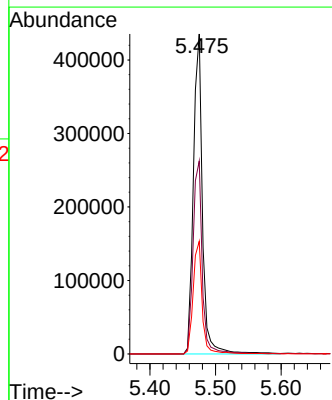
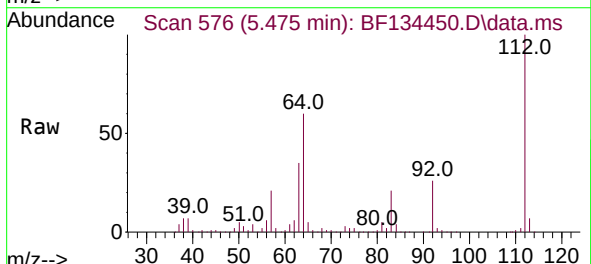
Instrument :
BNA_F
ClientSampleId :
YARD-1

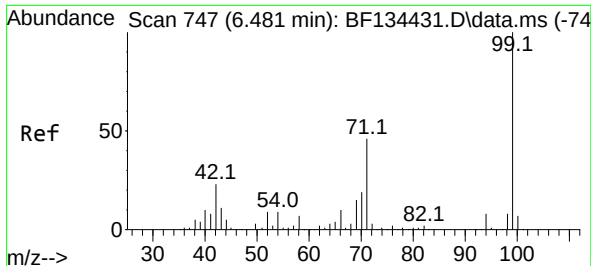
Tgt Ion:152 Resp: 67413
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 62.2 52.4 78.6



#5
2-Fluorophenol
Concen: 102.946 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion:112 Resp: 420044
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 35.2 25.4 38.0





#7

Phenol-d6

Concen: 85.980 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134450.D

Acq: 25 Jul 2023 02:36

Instrument :

BNA_F

ClientSampleId :

YARD-1

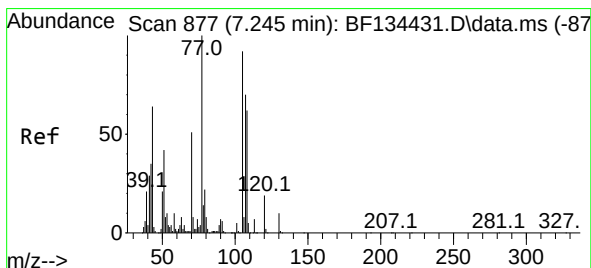
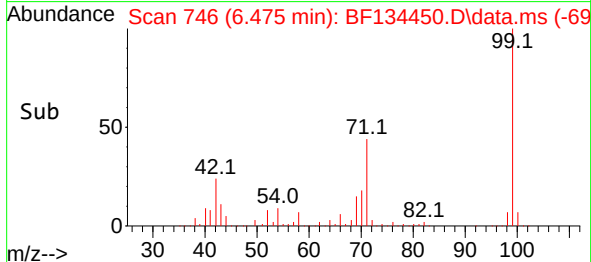
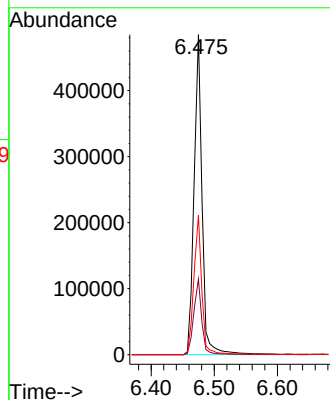
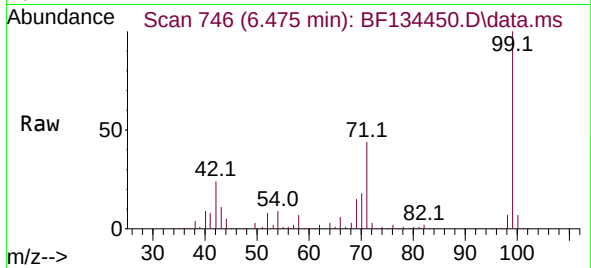
Tgt Ion: 99 Resp: 429822

Ion Ratio Lower Upper

99 100

42 23.6 18.7 28.1

71 43.6 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.888 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.153 min

Lab File: BF134450.D

Acq: 25 Jul 2023 02:36

Tgt Ion: 70 Resp: 46333

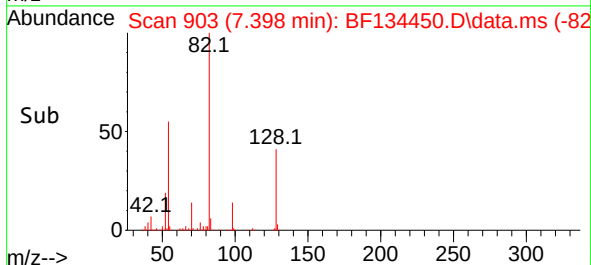
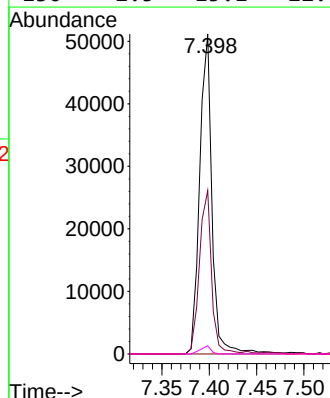
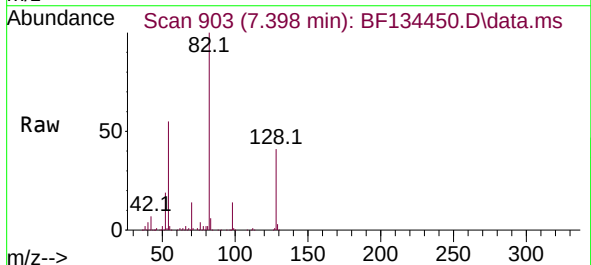
Ion Ratio Lower Upper

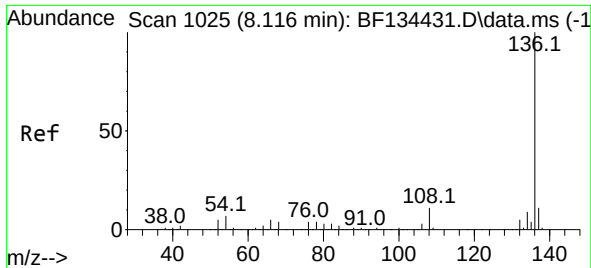
70 100

42 51.1 54.7 82.1#

101 0.0 8.2 12.2#

130 2.5 15.1 22.7#

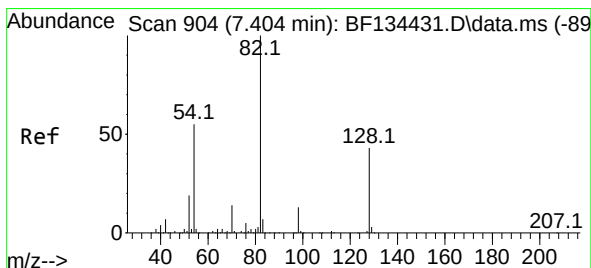
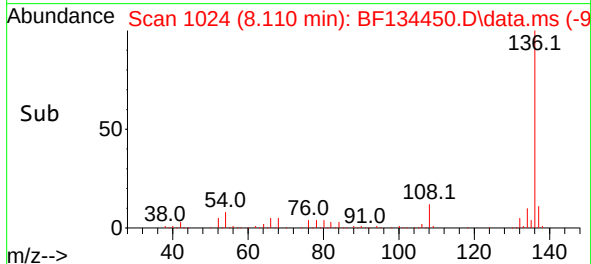
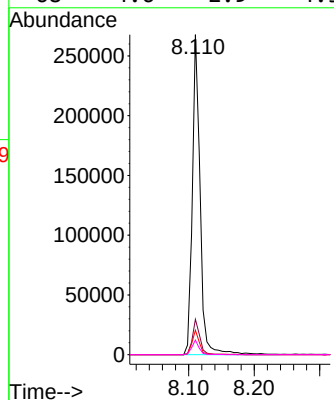
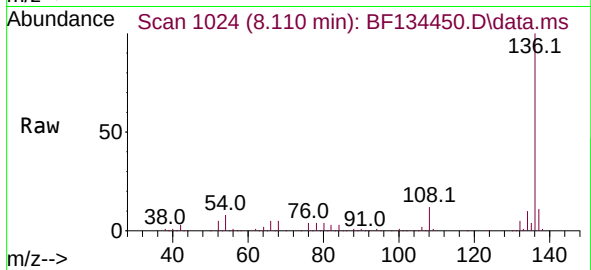




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

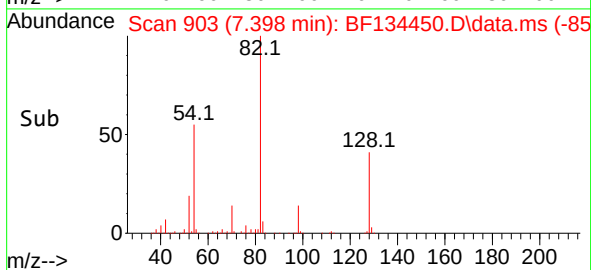
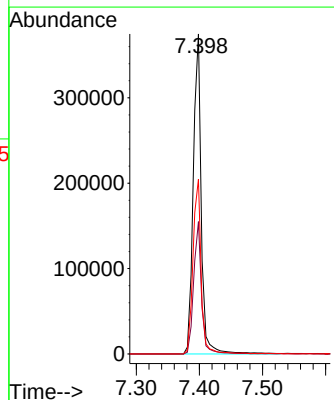
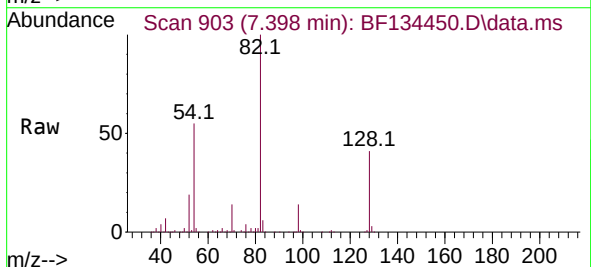
Instrument :
BNA_F
ClientSampleId :
YARD-1

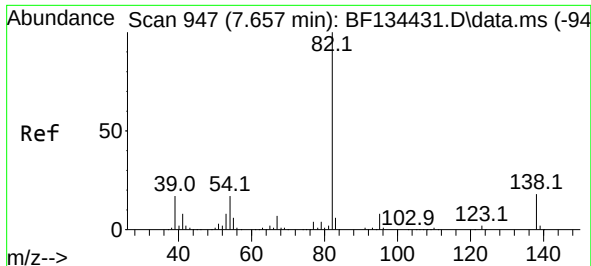
Tgt Ion:136 Resp: 221252
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 5.2 7.8
68 4.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 75.893 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion: 82 Resp: 331884
Ion Ratio Lower Upper
82 100
128 41.4 34.3 51.5
54 54.6 43.8 65.6

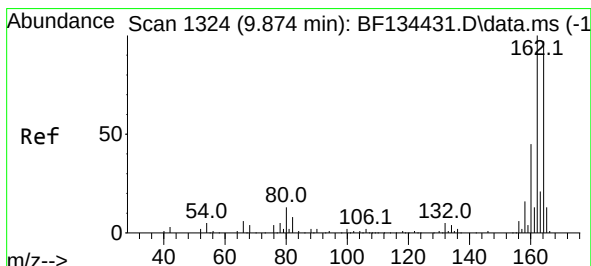
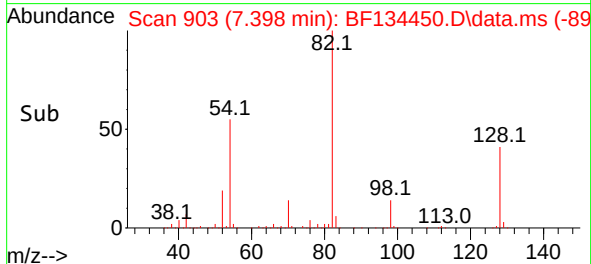
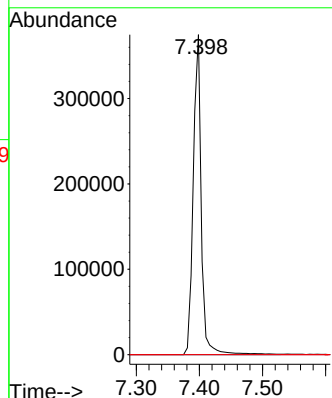
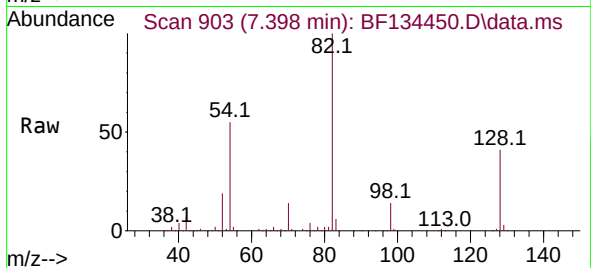




#25
Isophorone
Concen: 45.537 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

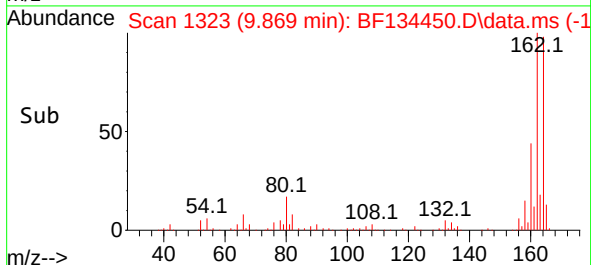
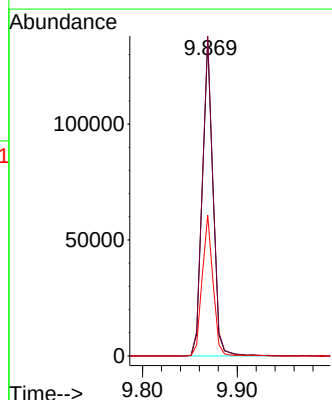
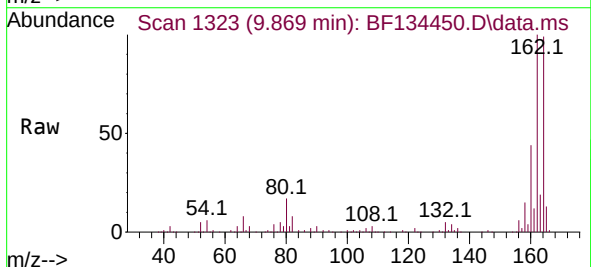
Instrument :
BNA_F
ClientSampleId :
YARD-1

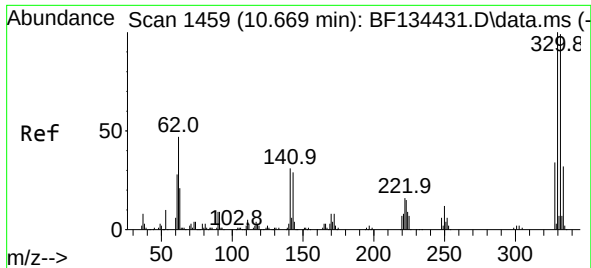
Tgt Ion: 82 Resp: 331884
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion: 164 Resp: 106605
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 44.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 98.691 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134450.D

Acq: 25 Jul 2023 02:36

Instrument :

BNA_F

ClientSampleId :

YARD-1

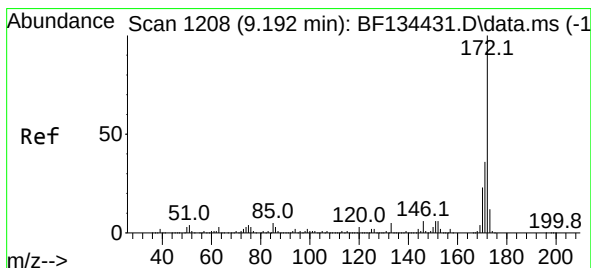
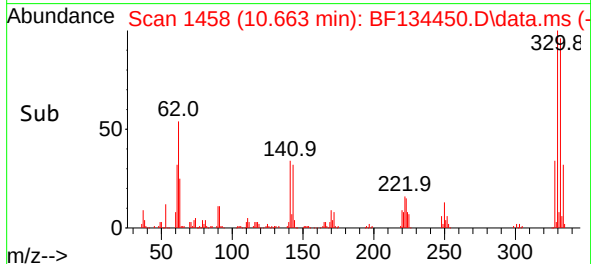
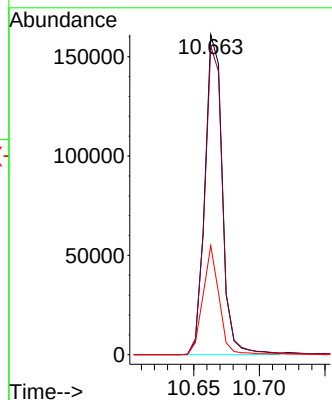
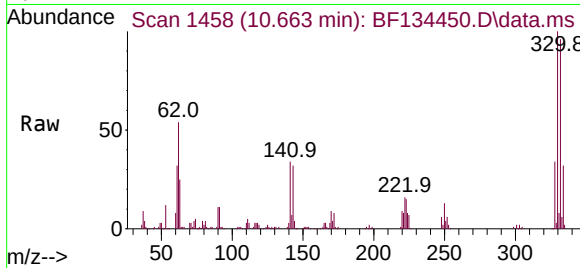
Tgt Ion:330 Resp: 149484

Ion Ratio Lower Upper

330 100

332 98.8 78.8 118.2

141 31.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 62.369 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134450.D

Acq: 25 Jul 2023 02:36

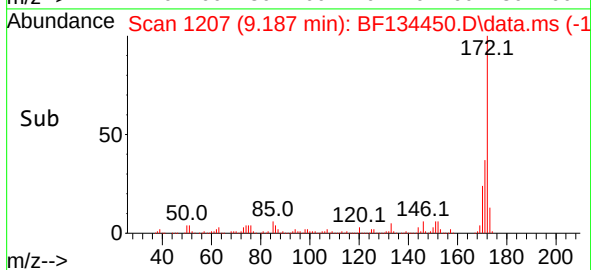
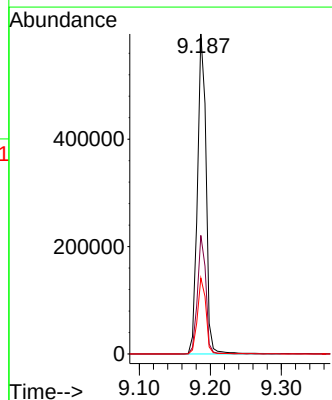
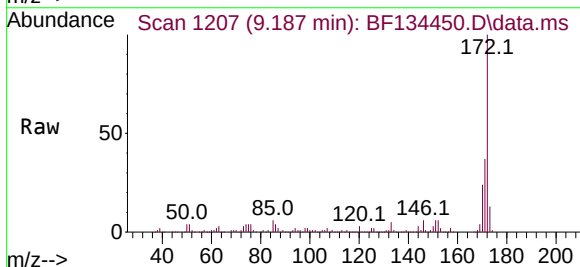
Tgt Ion:172 Resp: 506462

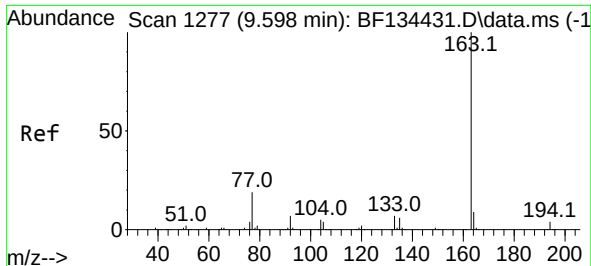
Ion Ratio Lower Upper

172 100

171 37.0 28.8 43.2

170 23.7 18.7 28.1

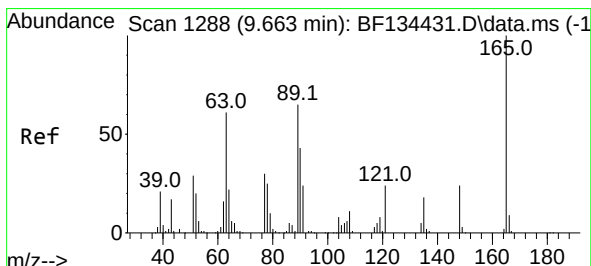
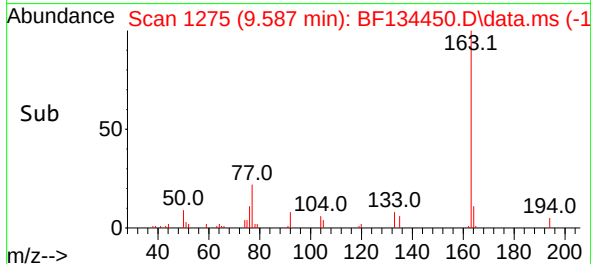
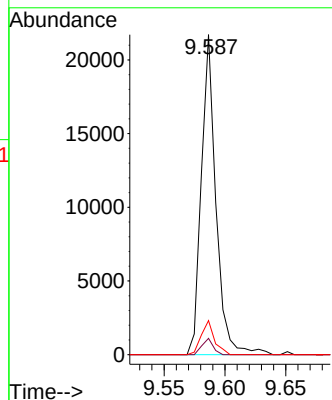
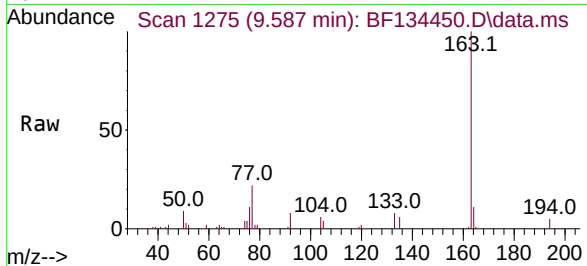




#50
Dimethylphthalate
Concen: 2.305 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

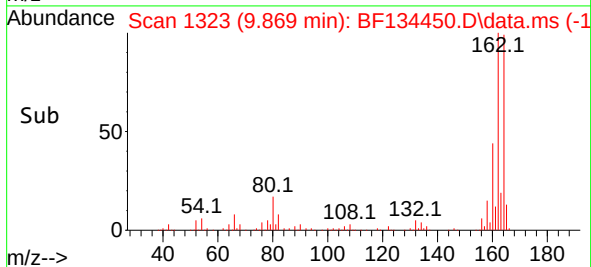
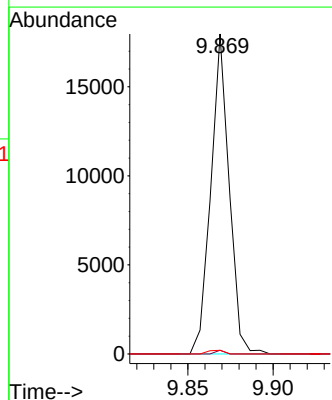
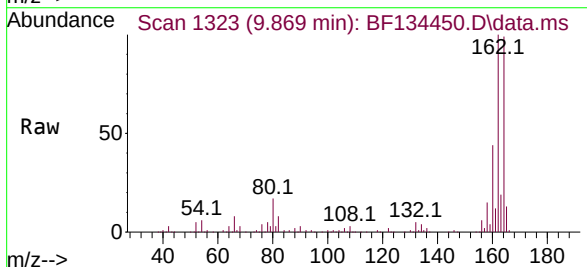
Instrument :
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ClientSampleId :
YARD-1

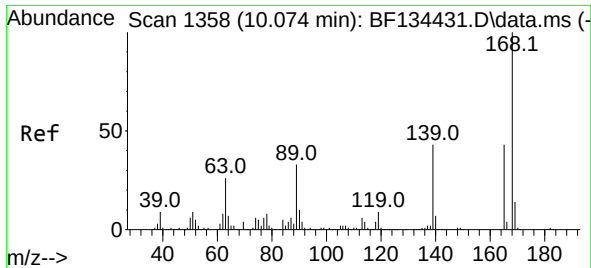
Tgt Ion:163 Resp: 18215
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 10.6 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion:165 Resp: 13437
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.1 51.8 77.8#

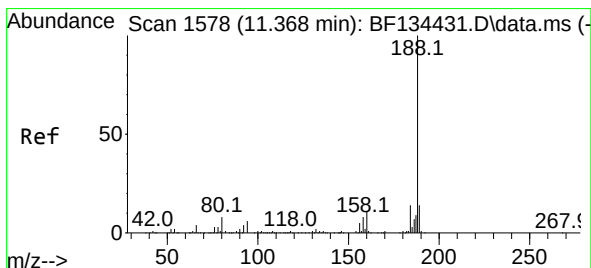
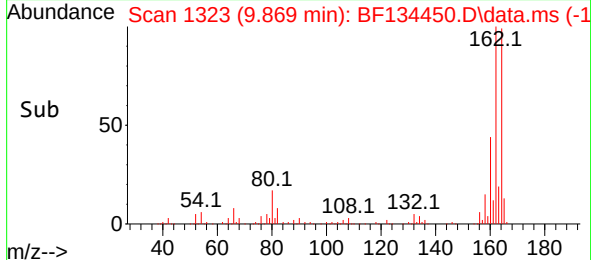
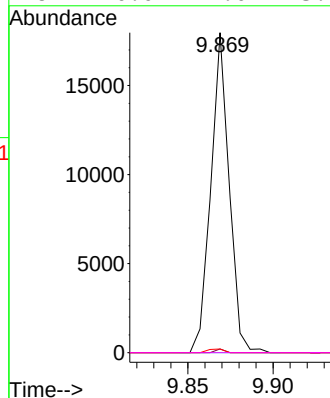
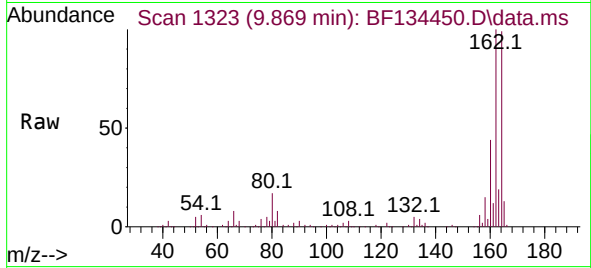




#57
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

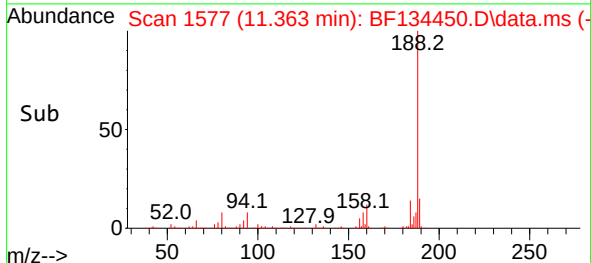
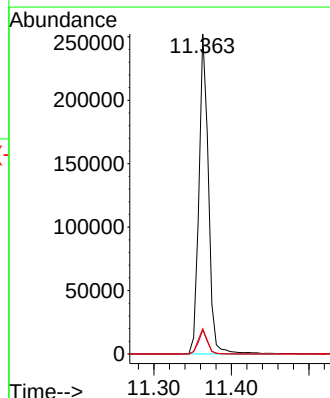
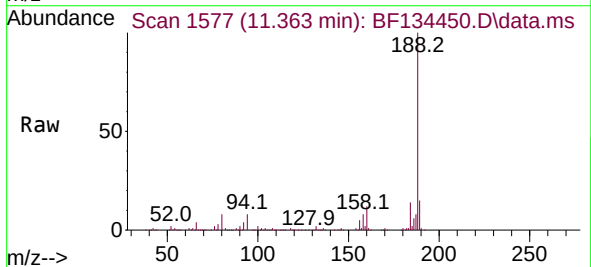
Instrument :
BNA_F
ClientSampleId :
YARD-1

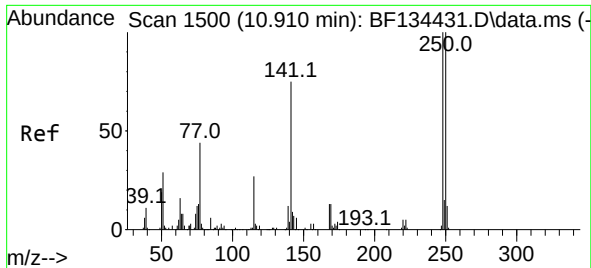
Tgt Ion:165 Resp: 13437
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion:188 Resp: 214193
Ion Ratio Lower Upper
188 100
94 7.5 5.1 7.7
80 7.9 6.6 9.8

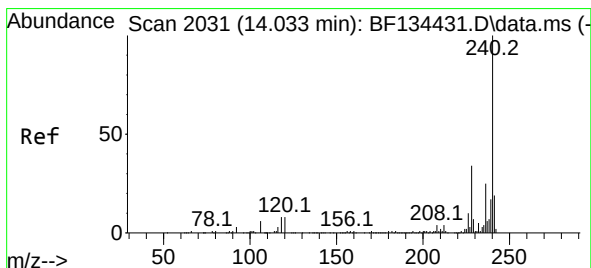
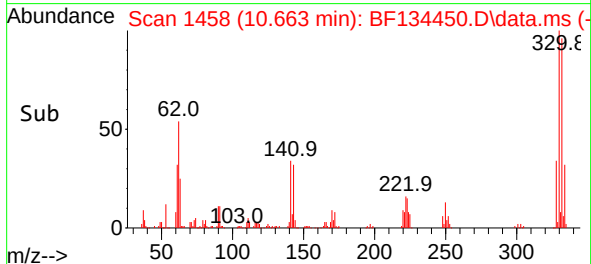
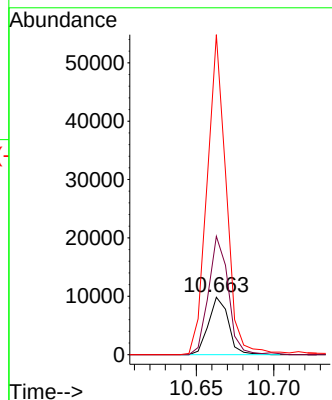
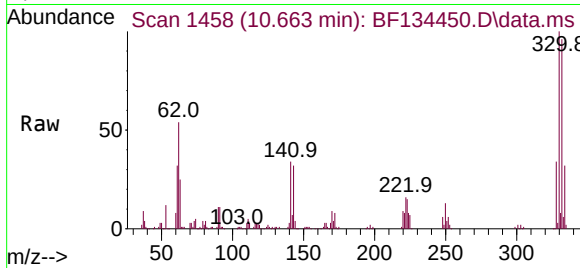




#67
4-Bromophenyl-phenylether
Concen: 3.760 ng
RT: 10.663 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

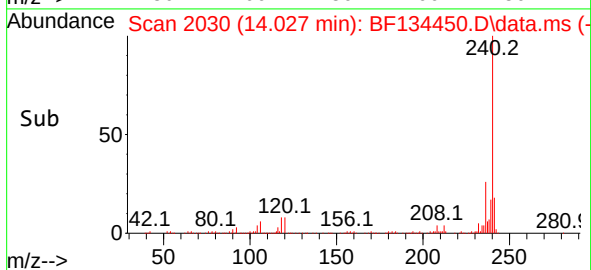
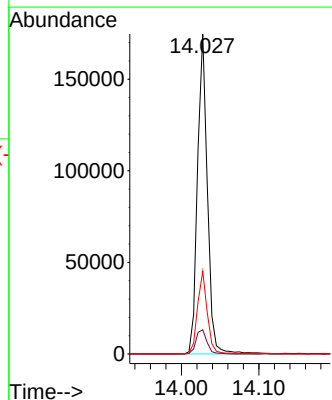
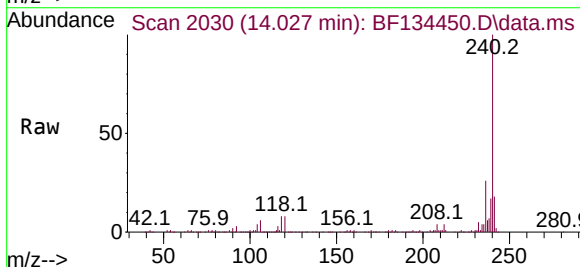
Instrument :
BNA_F
ClientSampleId :
YARD-1

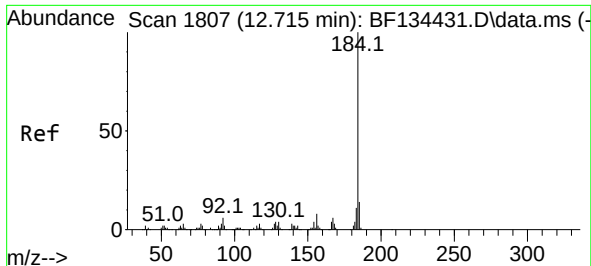
Tgt Ion:248 Resp: 8824
Ion Ratio Lower Upper
248 100
250 205.8 79.6 119.4#
141 556.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion:240 Resp: 155292
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 25.9 20.2 30.2

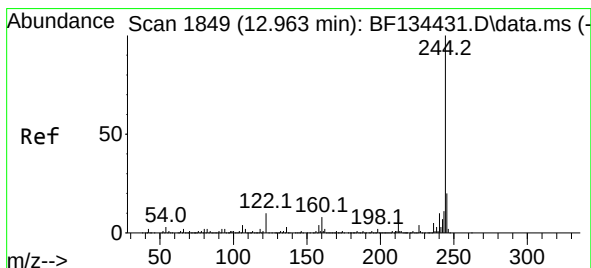
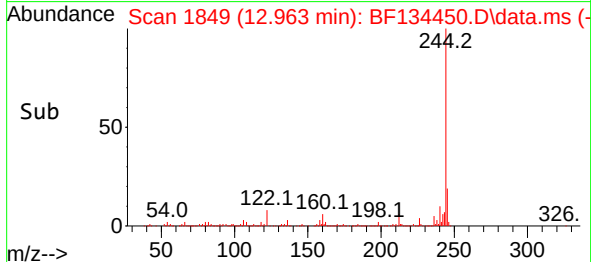
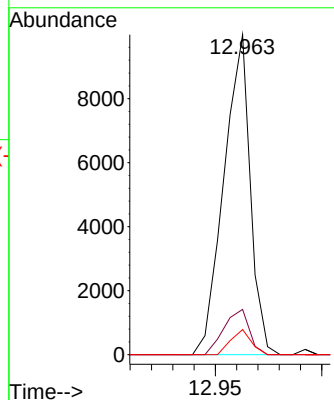
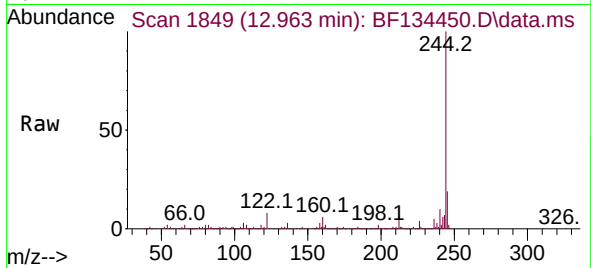




#77
Benzidine
Concen: 2.597 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.248 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

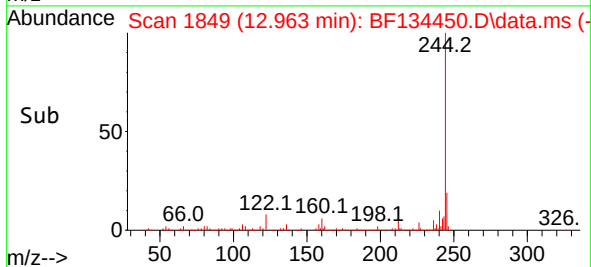
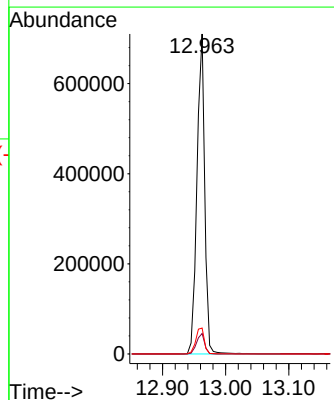
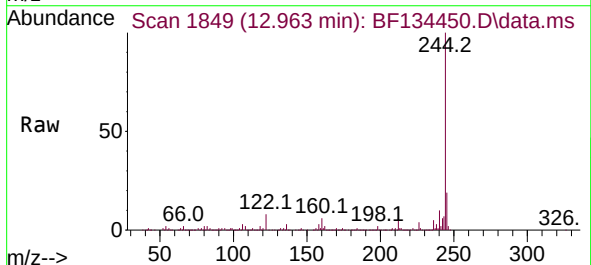
Instrument :
BNA_F
ClientSampleId :
YARD-1

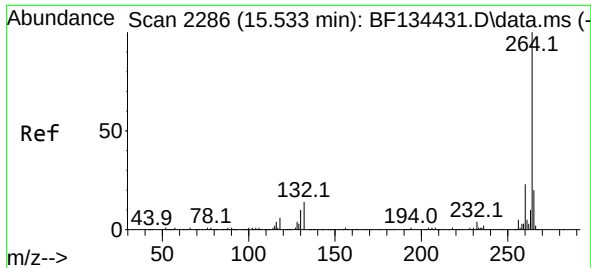
Tgt Ion:184 Resp: 8612
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 7.9 8.6 13.0#



#79
Terphenyl-d14
Concen: 67.910 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134450.D
Acq: 25 Jul 2023 02:36

Tgt Ion:244 Resp: 604118
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 8.1 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: BF134450.D
Acq: 25 Jul 2023 02:36

Instrument :
BNA_F
ClientSampleId :
YARD-1

Tgt Ion:264 Resp: 142174

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	22.5	15.8	23.8

