

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134064.D
 Acq On : 30 Jun 2023 21:50
 Operator : CG\JU
 Sample : 03462-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-62823

Quant Time: Jul 01 04:33:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

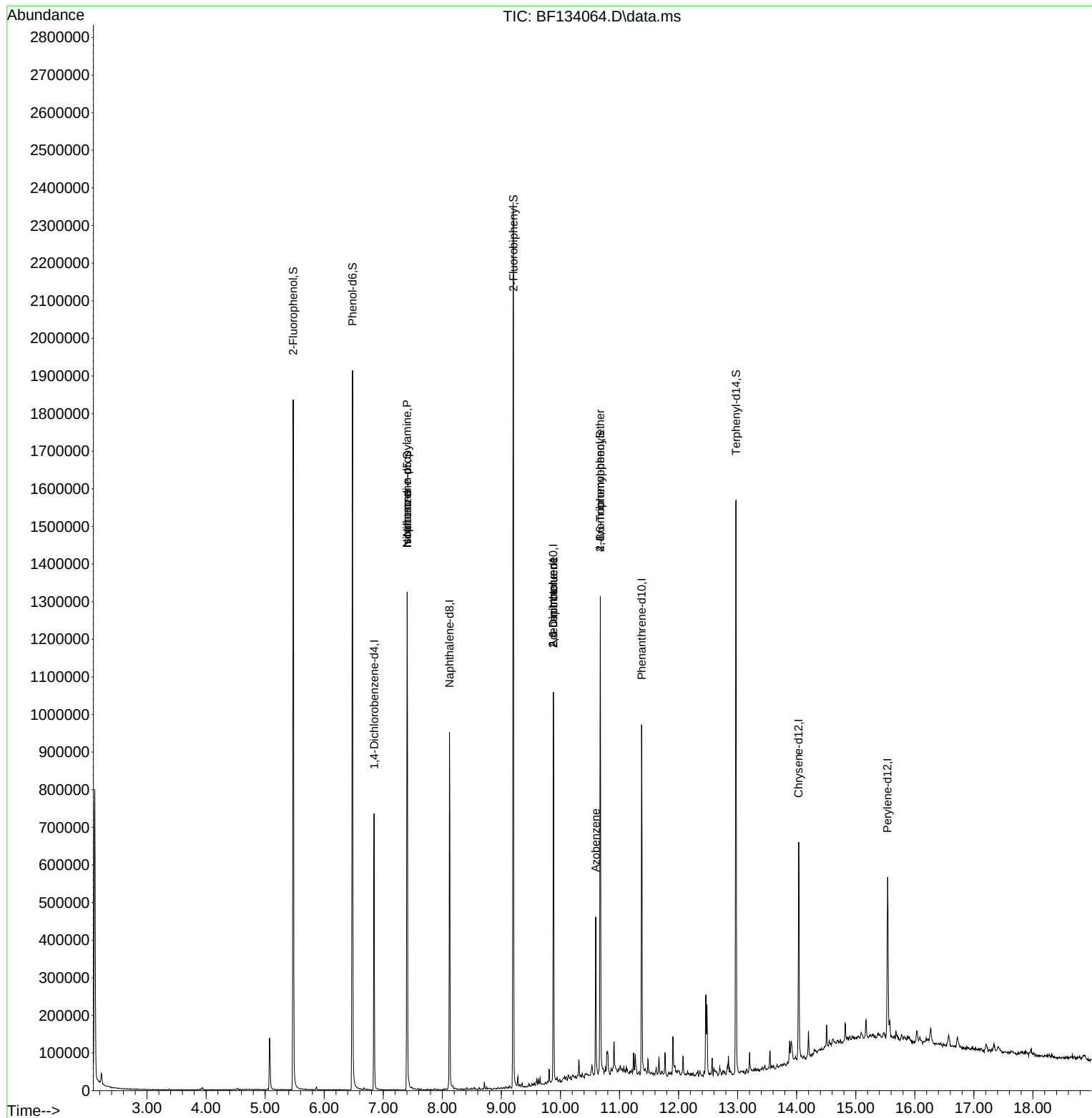
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100924	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	394280	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	195970	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	332833	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	193609	20.000	ng	-0.02
86) Perylene-d12	15.539	264	207912	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	468328	77.623	ng	-0.01
7) Phenol-d6	6.481	99	563130	75.895	ng	-0.01
23) Nitrobenzene-d5	7.404	82	390205	53.348	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	144443	58.787	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	740521	54.939	ng	0.00
79) Terphenyl-d14	12.974	244	566307	47.076	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	59	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	53665	11.405	ng	# 81
25) Isophorone	7.404	82	390201	29.353	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	26148	8.534	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	26148	6.462	ng	# 22
63) Azobenzene	10.598	77	68468	4.884	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	8984	2.540	ng	# 1

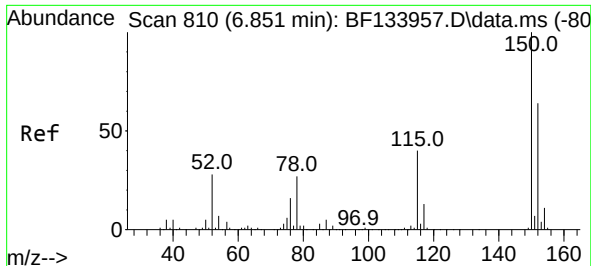
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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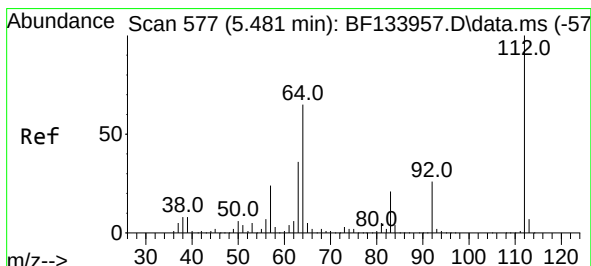
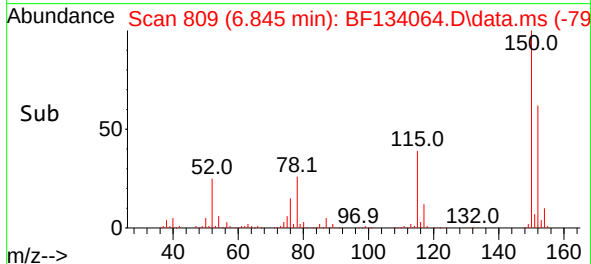
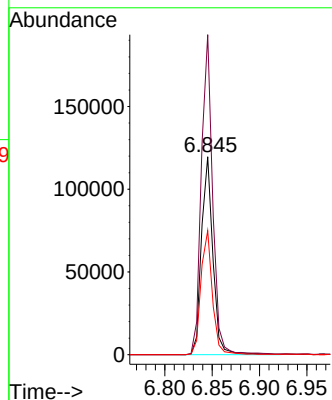
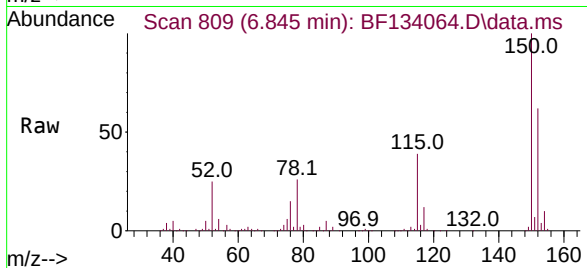




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

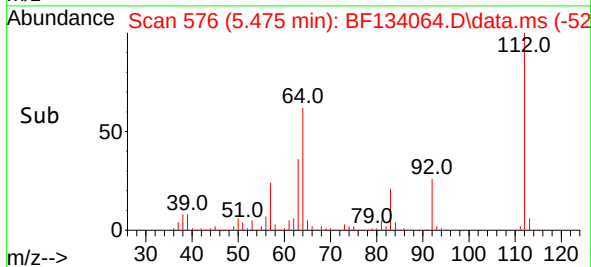
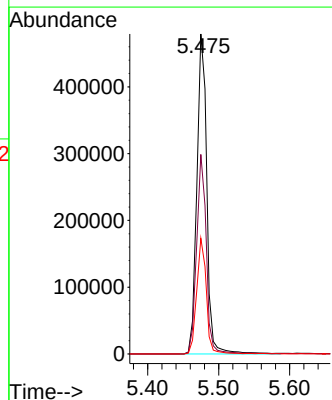
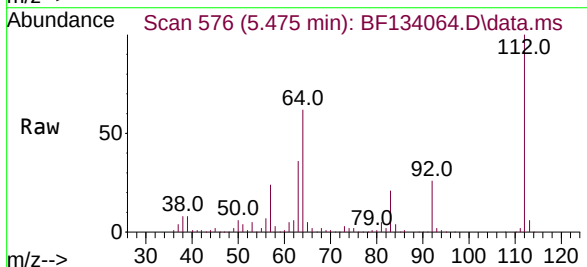
Instrument :
BNA_F
ClientSampleId :
SU-02-62823

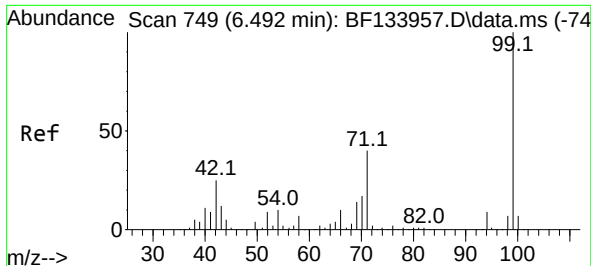
Tgt Ion:152 Resp: 100924
Ion Ratio Lower Upper
152 100
150 161.7 124.5 186.7
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 77.623 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:112 Resp: 468328
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 36.1 28.6 42.8





#7

Phenol-d6

Concen: 75.895 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134064.D

Acq: 30 Jun 2023 21:50

Instrument :

BNA_F

ClientSampleId :

SU-02-62823

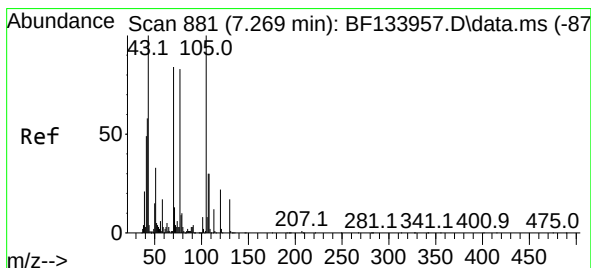
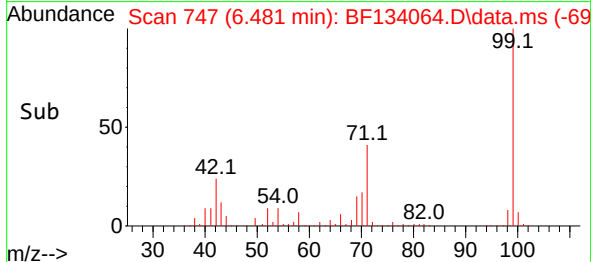
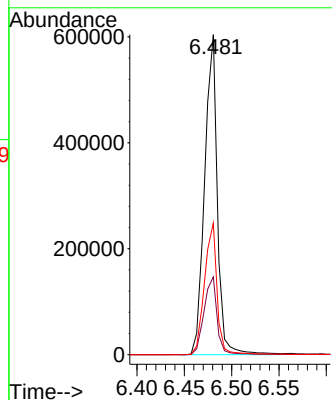
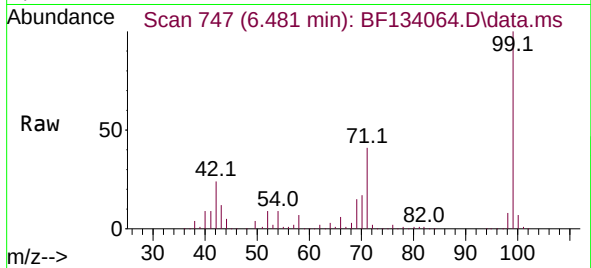
Tgt Ion: 99 Resp: 563130

Ion Ratio Lower Upper

99 100

42 24.3 19.8 29.6

71 41.1 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.405 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.135 min

Lab File: BF134064.D

Acq: 30 Jun 2023 21:50

Tgt Ion: 70 Resp: 53665

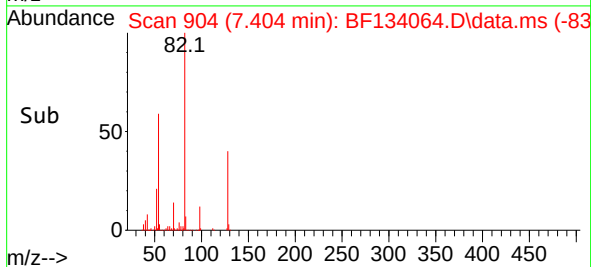
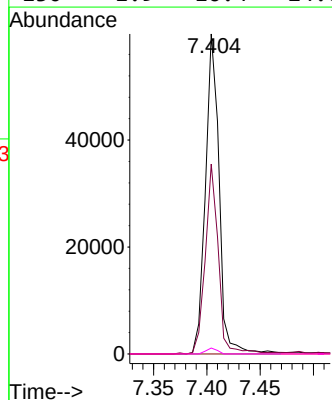
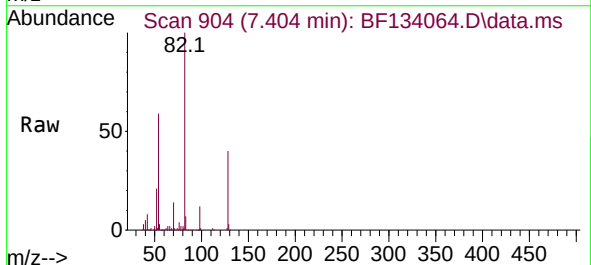
Ion Ratio Lower Upper

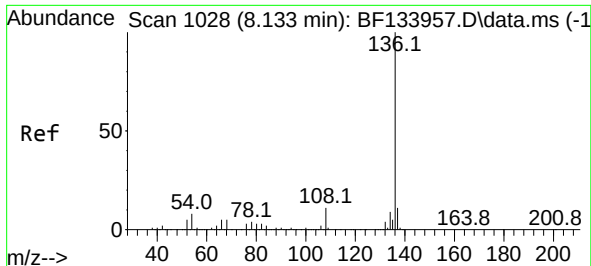
70 100

42 59.3 54.7 82.1

101 0.0 7.7 11.5#

130 1.9 16.4 24.6#



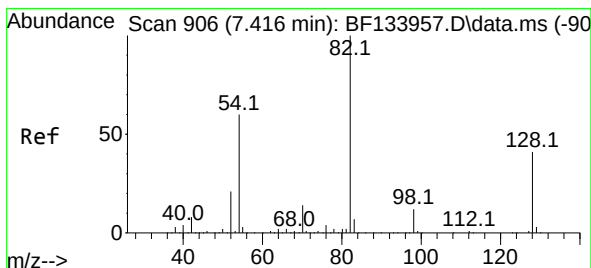
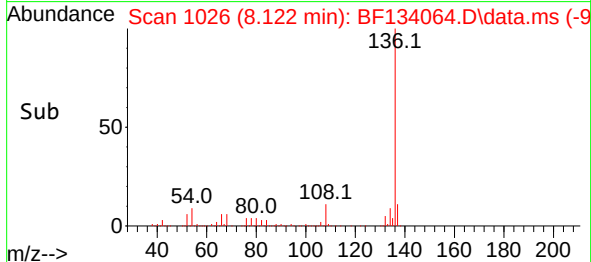
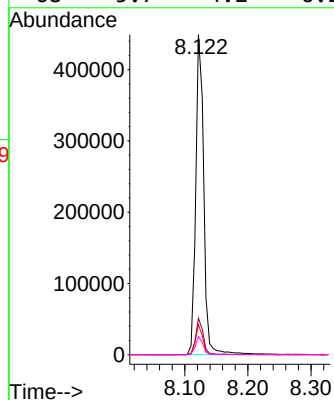
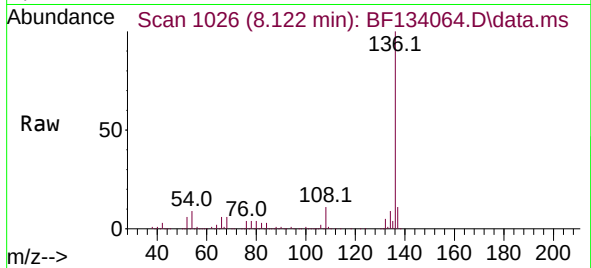


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Instrument :
BNA_F
ClientSampleId :
SU-02-62823

Tgt Ion:136 Resp: 394280

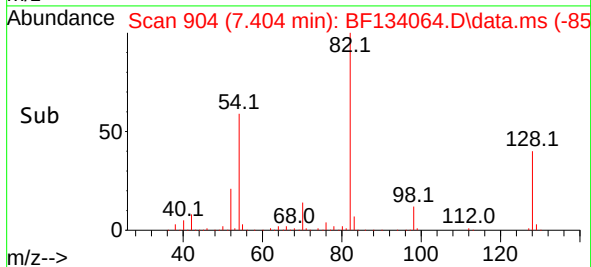
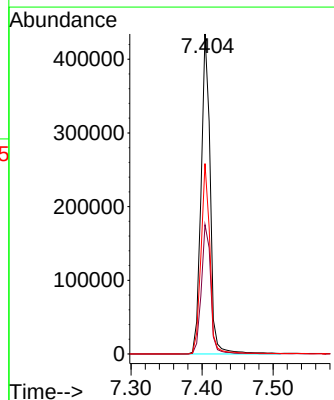
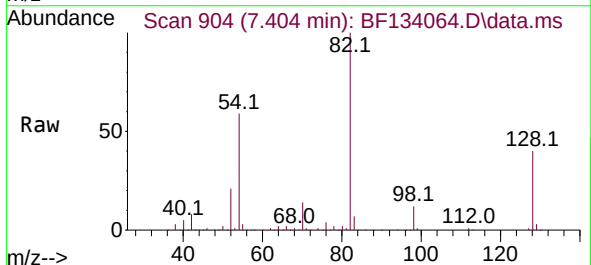
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.3	6.5	9.7
68	5.7	4.2	6.2

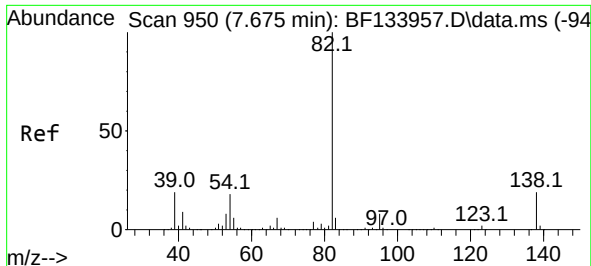


#23
Nitrobenzene-d5
Concen: 53.348 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion: 82 Resp: 390205

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.5	48.7
54	59.5	48.2	72.2

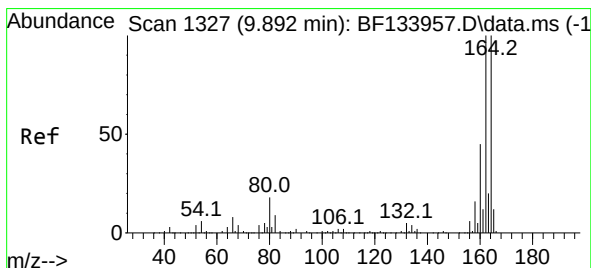
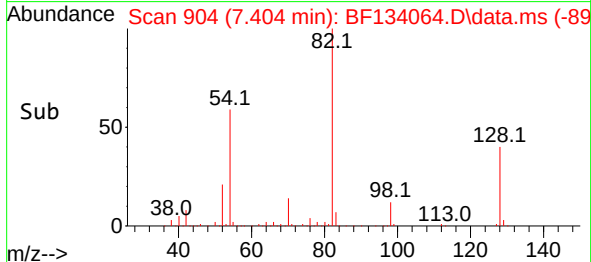
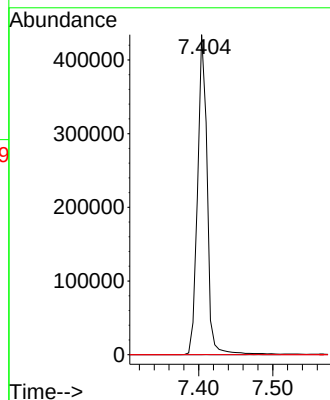
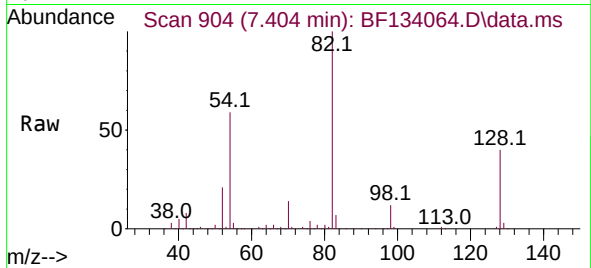




#25
Isophorone
Concen: 29.353 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

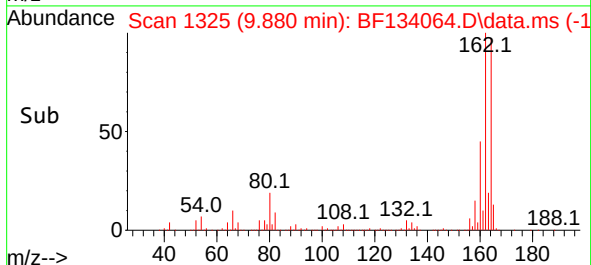
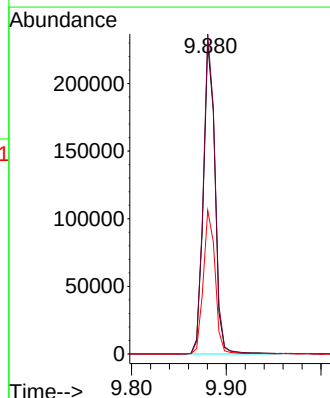
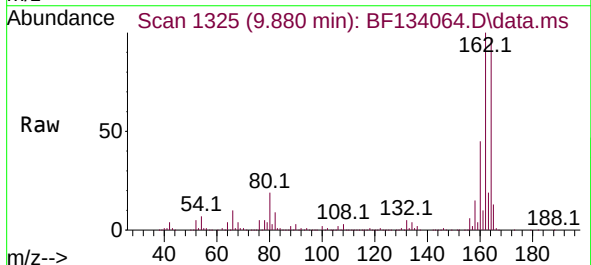
Instrument :
BNA_F
ClientSampleId :
SU-02-62823

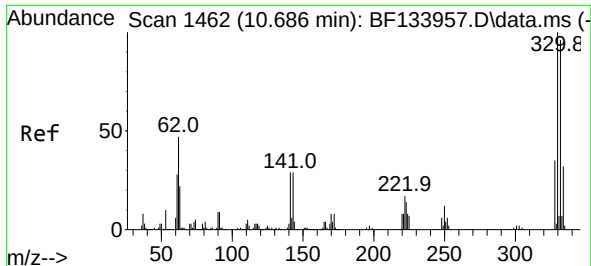
Tgt Ion: 82 Resp: 390201
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion: 164 Resp: 195970
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 46.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 58.787 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134064.D

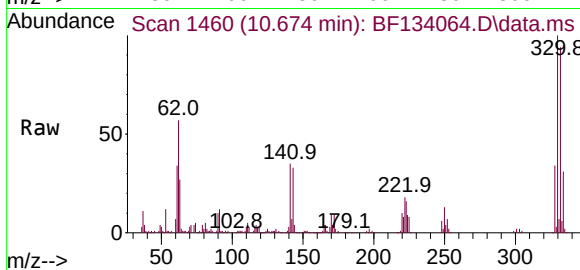
Acq: 30 Jun 2023 21:50

Instrument :

BNA_F

ClientSampleId :

SU-02-62823



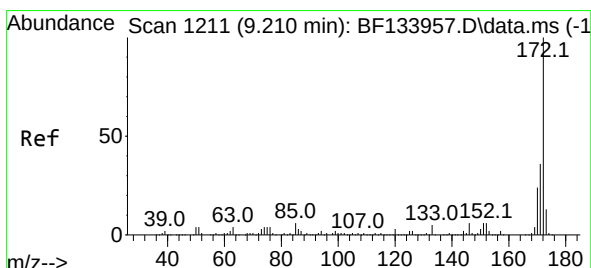
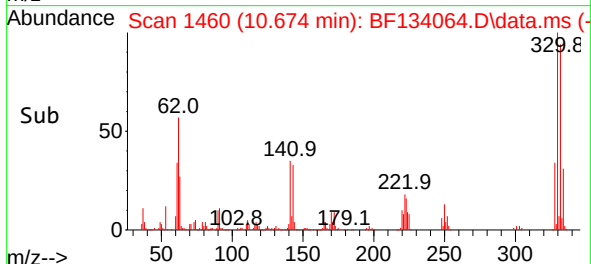
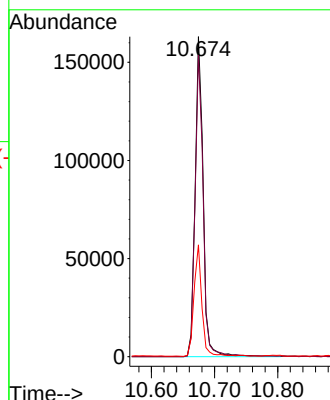
Tgt Ion:330 Resp: 144443

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 33.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 54.939 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134064.D

Acq: 30 Jun 2023 21:50

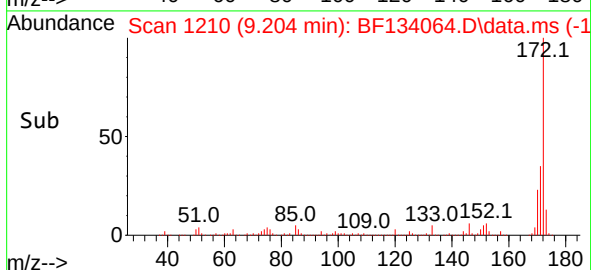
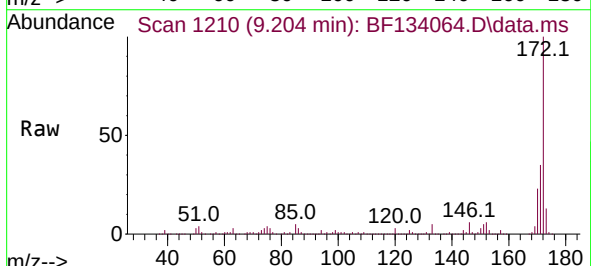
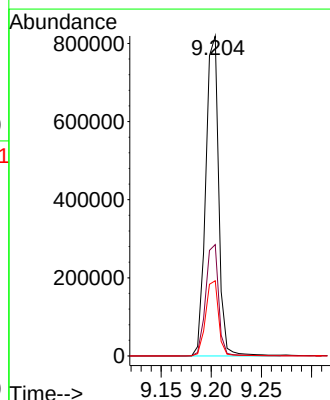
Tgt Ion:172 Resp: 740521

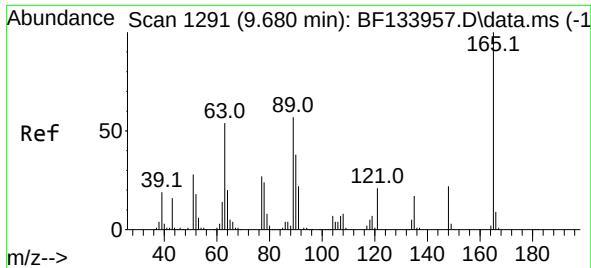
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.5 19.4 29.0

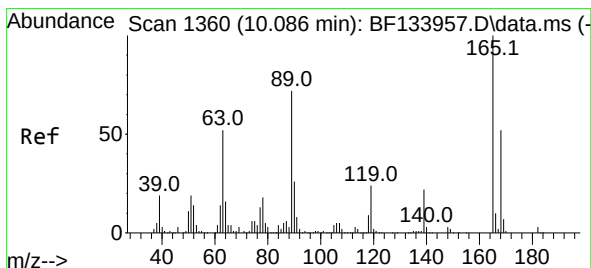
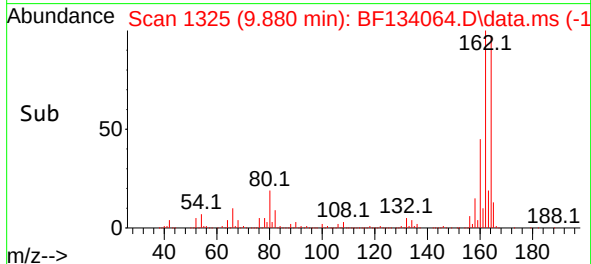
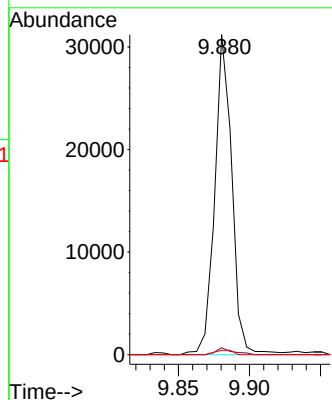
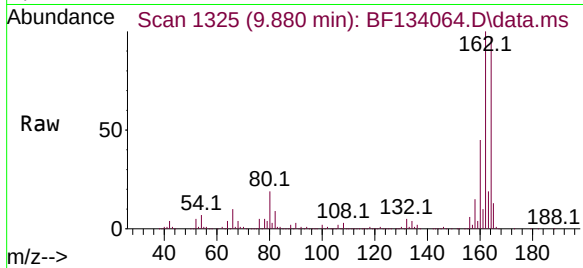




#51
2,6-Dinitrotoluene
Concen: 8.534 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

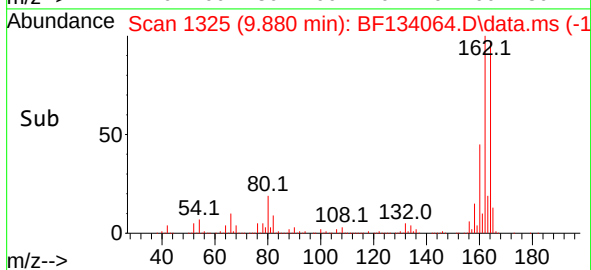
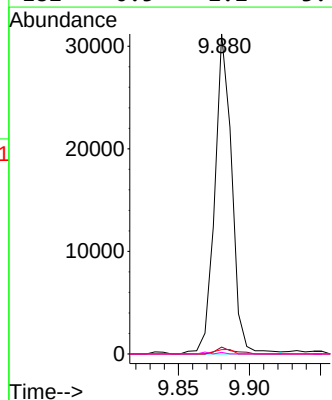
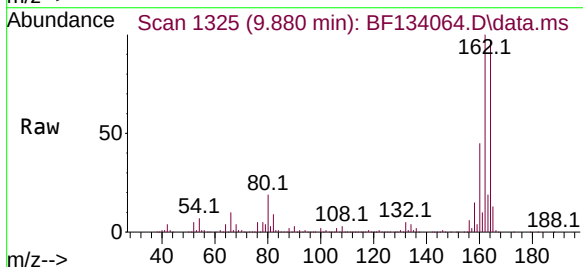
Instrument :
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SU-02-62823

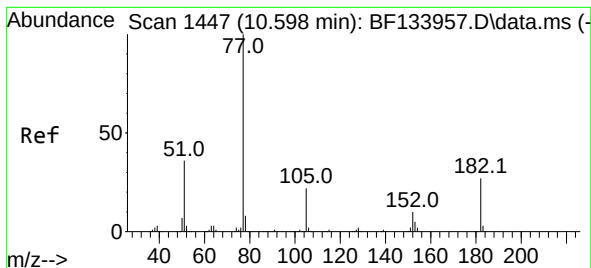
Tgt Ion:165 Resp: 26148
Ion Ratio Lower Upper
165 100
63 2.1 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:165 Resp: 26148
Ion Ratio Lower Upper
165 100
63 2.1 42.2 63.2#
89 1.3 57.4 86.2#
182 0.5 2.2 3.4#





#63

Azobenzene

Concen: 4.884 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134064.D

Acq: 30 Jun 2023 21:50

Instrument :

BNA_F

ClientSampleId :

SU-02-62823

Tgt Ion: 77 Resp: 68468

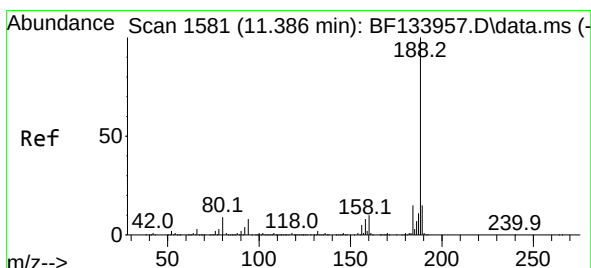
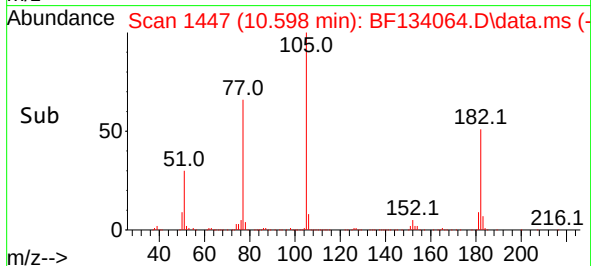
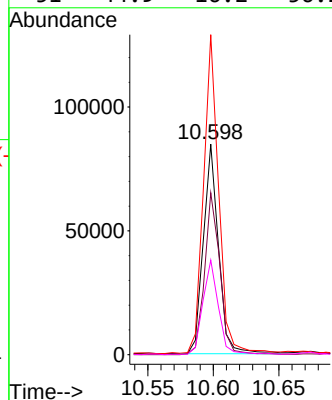
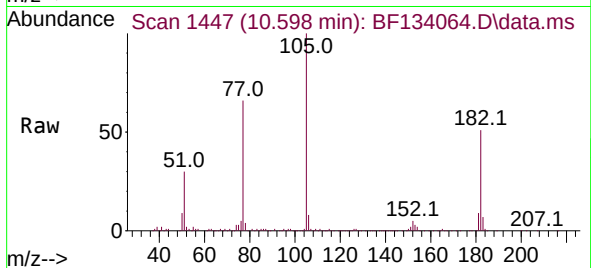
Ion Ratio Lower Upper

77 100

182 76.9 6.8 46.8#

105 152.0 2.3 42.3#

51 44.9 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134064.D

Acq: 30 Jun 2023 21:50

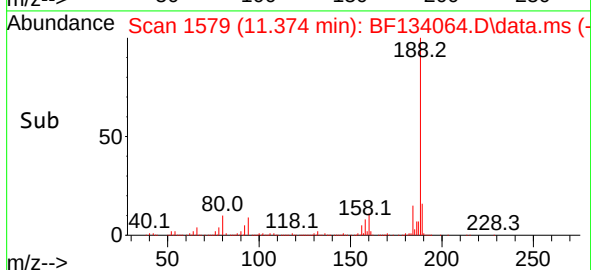
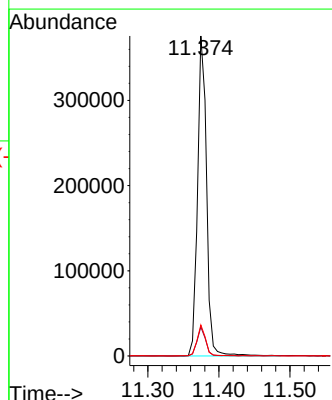
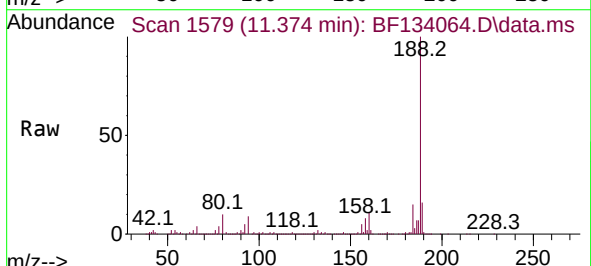
Tgt Ion:188 Resp: 332833

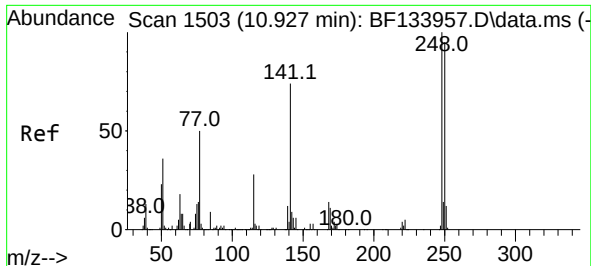
Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.7 7.3 10.9

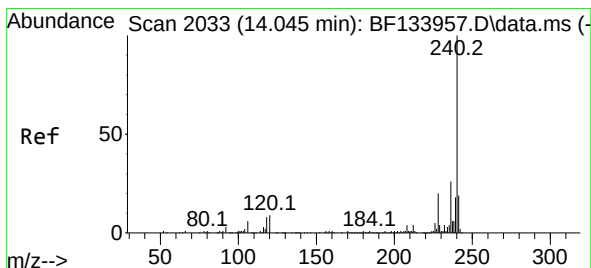
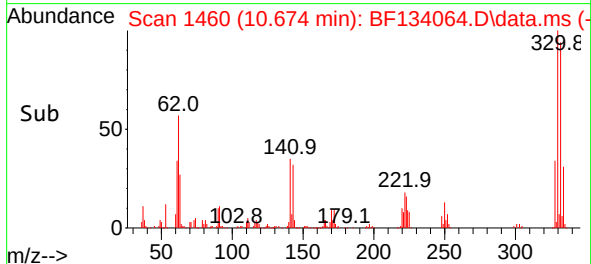
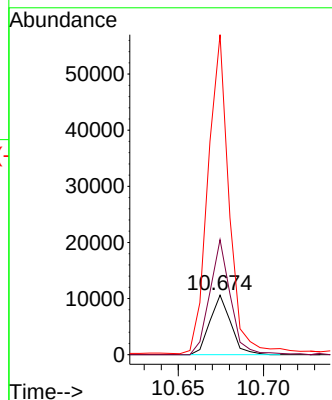
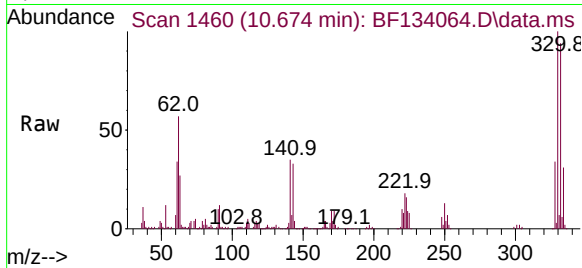




#67
4-Bromophenyl-phenylether
Concen: 2.540 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

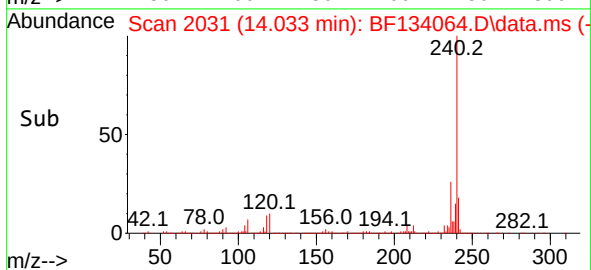
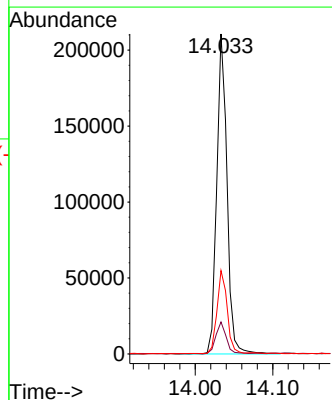
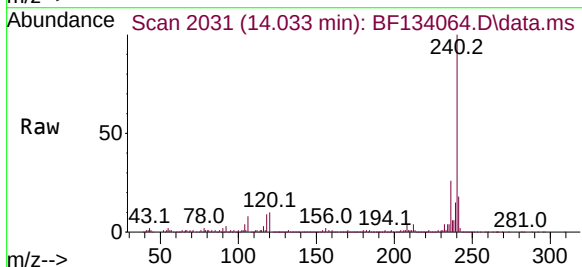
Instrument :
BNA_F
ClientSampleId :
SU-02-62823

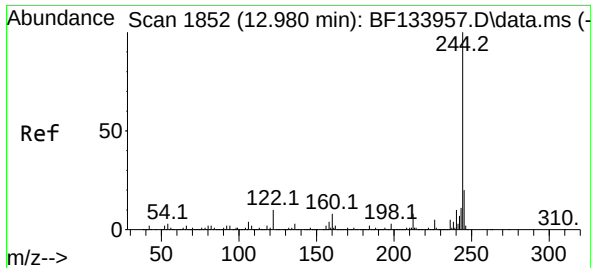
Tgt Ion:248 Resp: 8984
Ion Ratio Lower Upper
248 100
250 193.4 76.2 114.4#
141 538.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134064.D
Acq: 30 Jun 2023 21:50

Tgt Ion:240 Resp: 193609
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.0 21.0 31.6

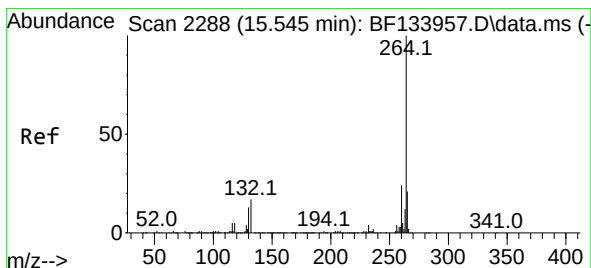
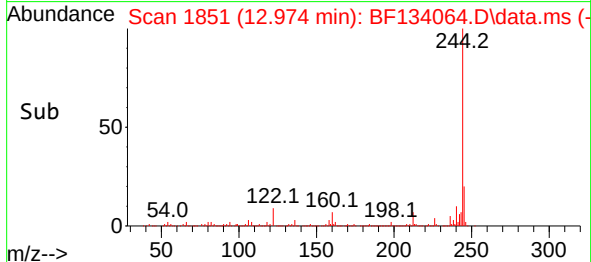
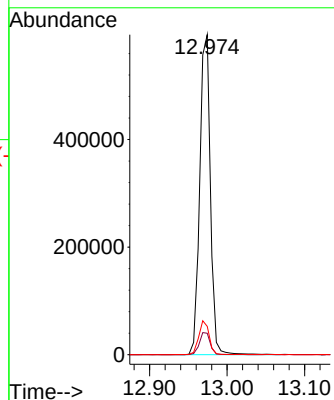
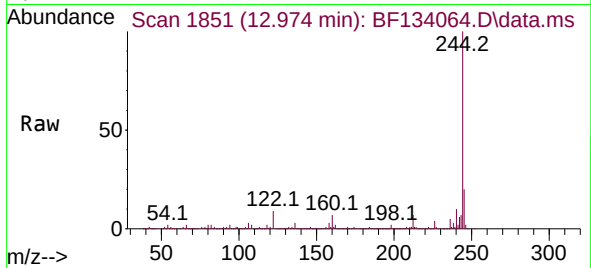




#79
 Terphenyl-d14
 Concen: 47.076 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134064.D
 Acq: 30 Jun 2023 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-62823

Tgt Ion:244 Resp: 566307
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134064.D
 Acq: 30 Jun 2023 21:50

Tgt Ion:264 Resp: 207912
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 16.6 25.0

