

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130652.D
 Acq On : 13 Oct 2022 17:55
 Operator : CG\JU
 Sample : N5083-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

Quant Time: Oct 14 06:01:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

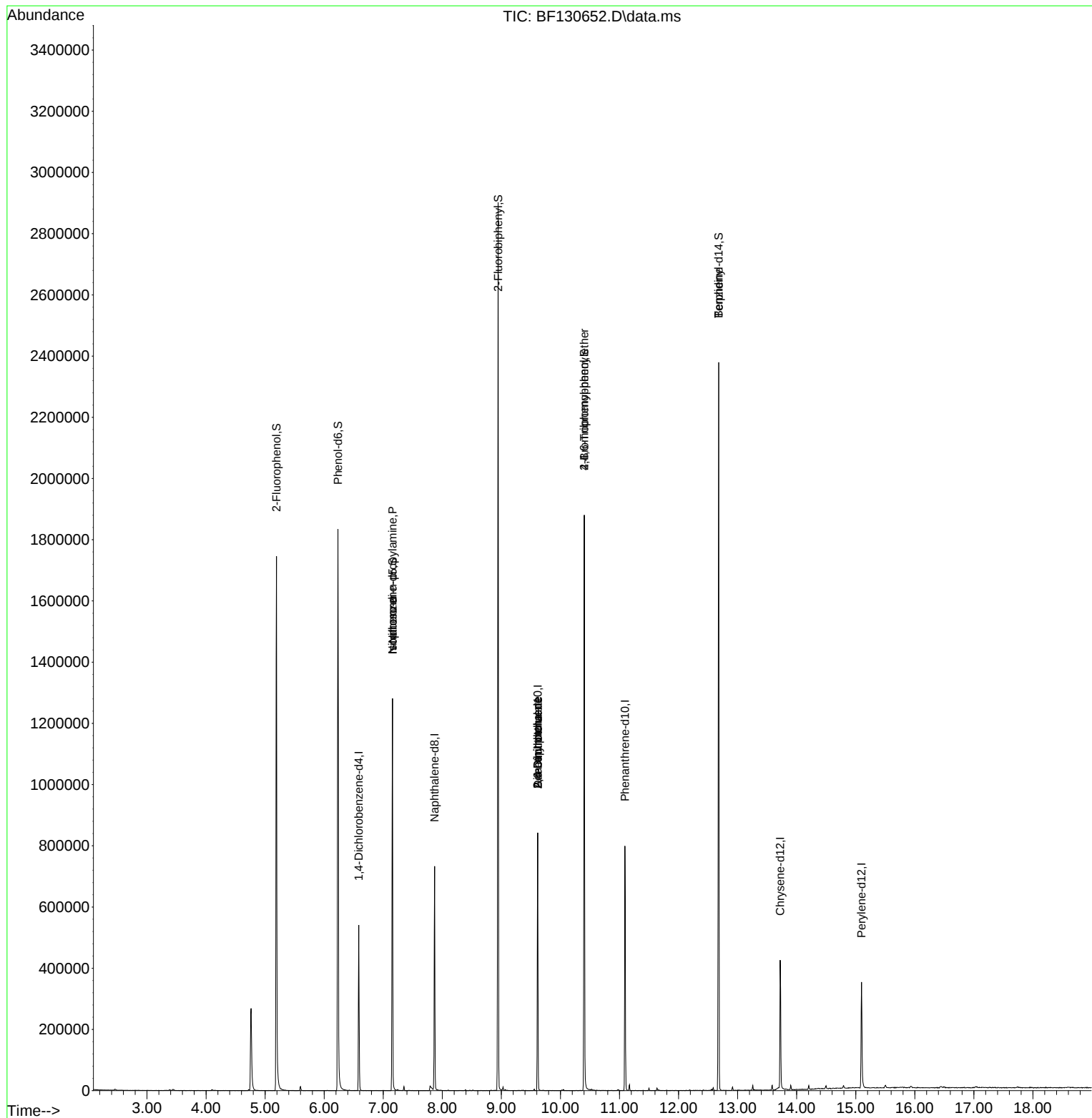
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	75442	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	299503	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	163932	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	278810	20.000	ng	0.00
76) Chrysene-d12	13.721	240	139257	20.000	ng	0.00
86) Perylene-d12	15.098	264	146706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	502954	120.171	ng	0.00
7) Phenol-d6	6.234	99	632945	120.284	ng	0.00
23) Nitrobenzene-d5	7.157	82	384137	70.017	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	209044	130.321	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	788210	72.831	ng	0.00
79) Terphenyl-d14	12.680	244	775456	92.422	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	52990	15.608	ng	# 76
25) Isophorone	7.157	82	384134	42.069	ng	# 64
50) Dimethylphthalate	9.616	163	29842	2.630	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	20894	8.394	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	20894	6.531	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	12305	3.901	ng	# 1
77) Benzidine	12.680	184	10836	3.078	ng	# 95

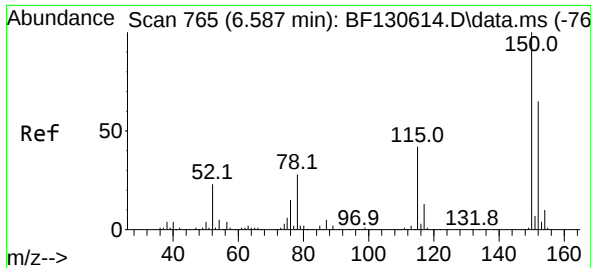
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

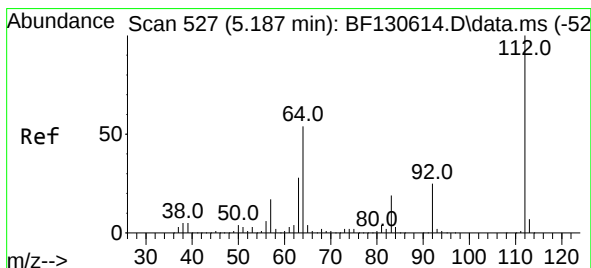
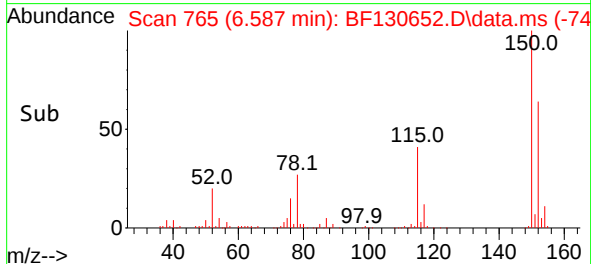
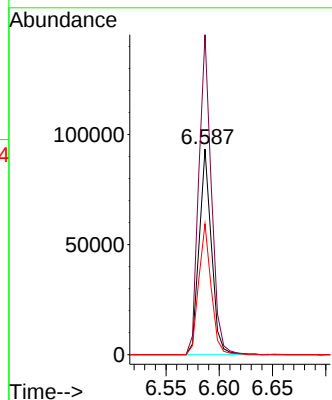
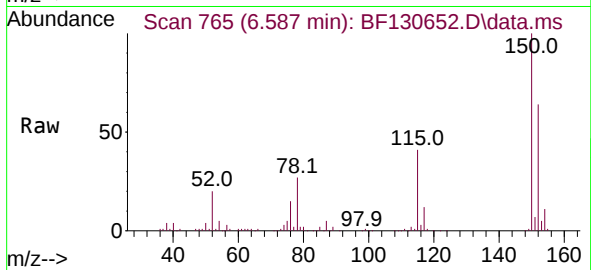




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

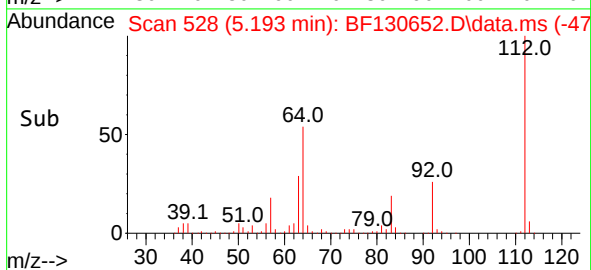
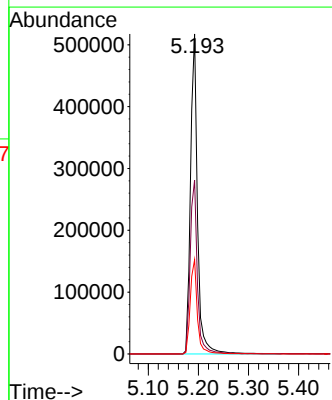
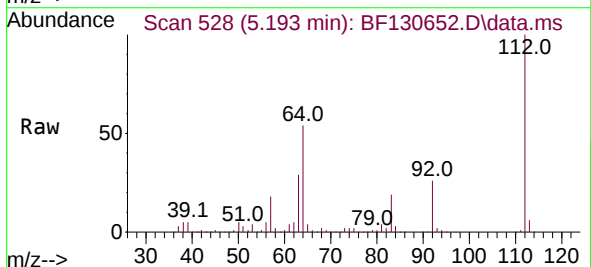
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

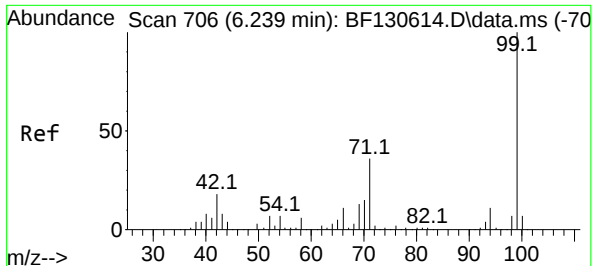
Tgt Ion:152 Resp: 75442
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 63.7 52.2 78.4



#5
2-Fluorophenol
Concen: 120.171 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:112 Resp: 502954
Ion Ratio Lower Upper
112 100
64 54.3 43.5 65.3
63 29.4 22.6 34.0

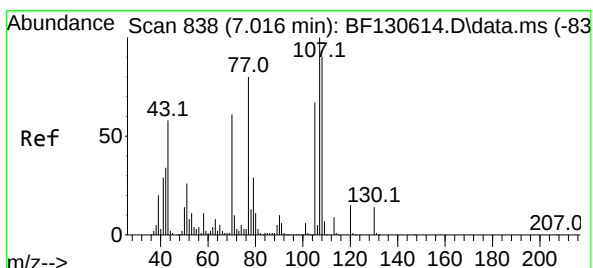
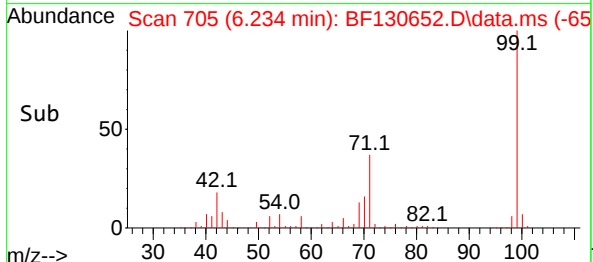
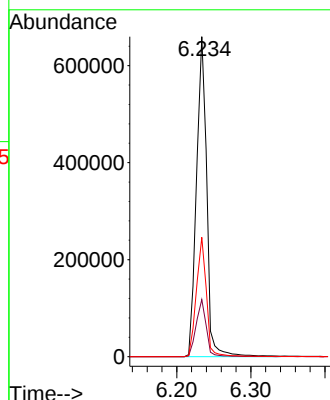
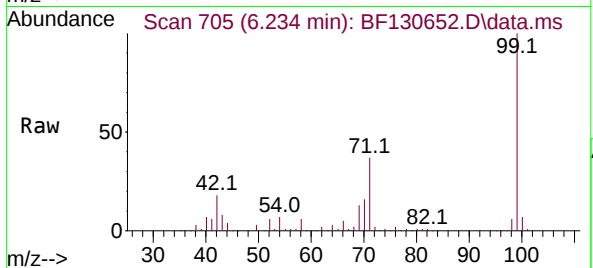




#7
Phenol-d6
Concen: 120.284 ng
RT: 6.234 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

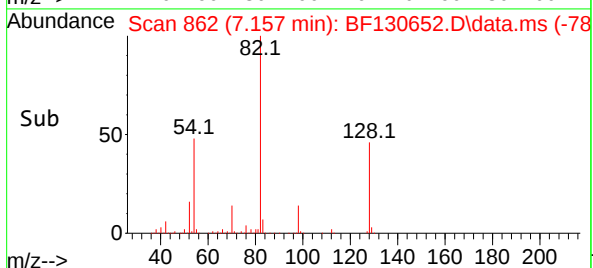
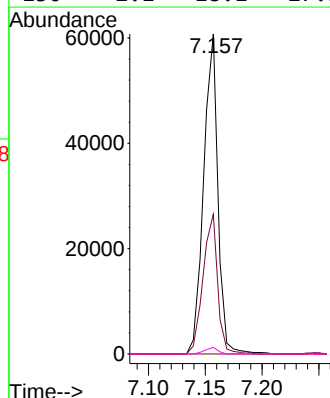
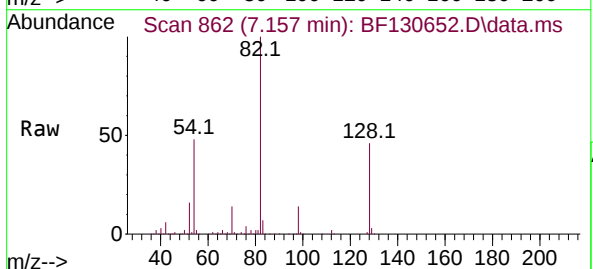
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

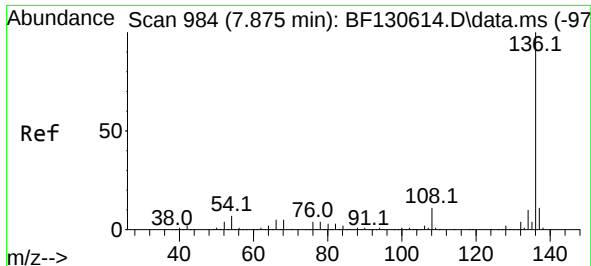
Tgt Ion: 99 Resp: 632945
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.608 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 70 Resp: 52990
Ion Ratio Lower Upper
70 100
42 43.7 44.3 66.5#
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

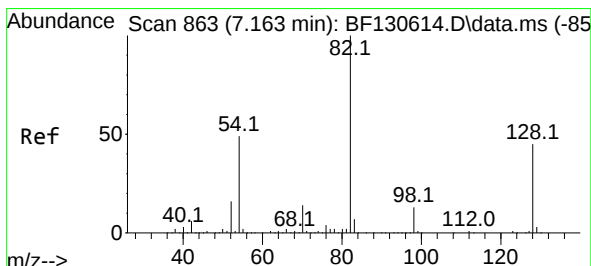
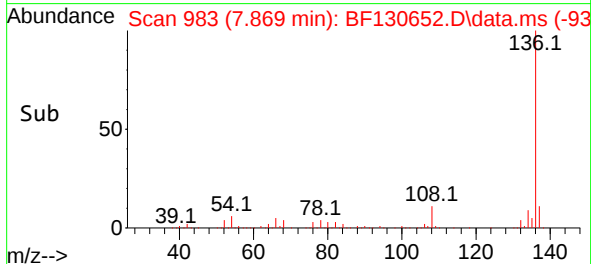
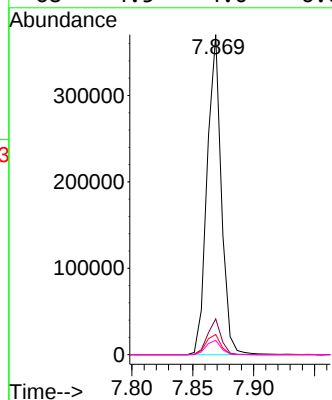
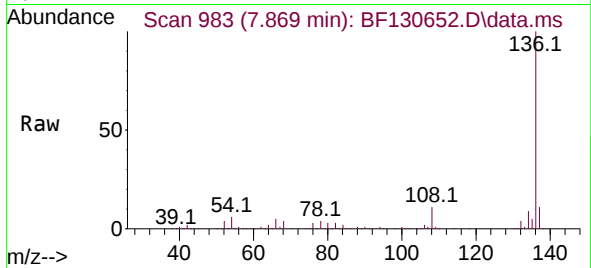




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

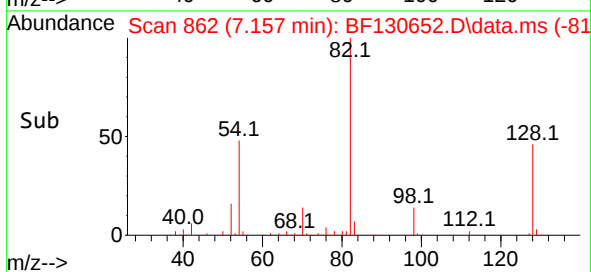
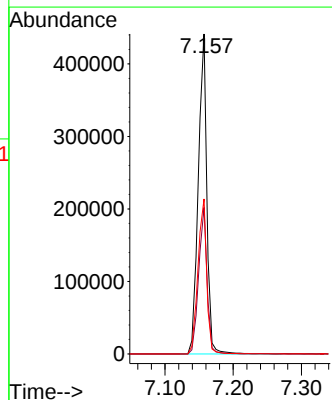
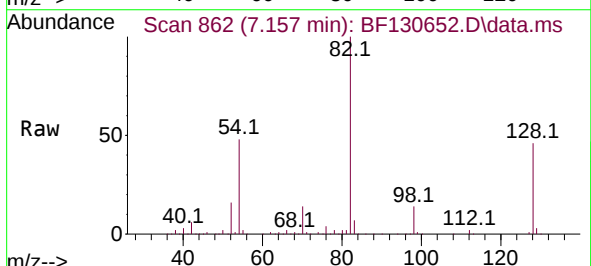
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

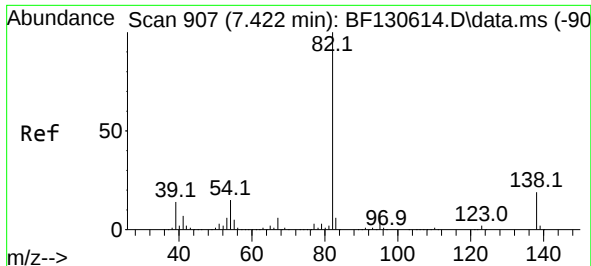
Tgt Ion:136 Resp: 299503
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.3 5.5 8.3
68 4.5 4.0 6.0



#23
Nitrobenzene-d5
Concen: 70.017 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 82 Resp: 384137
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 48.4 39.3 58.9

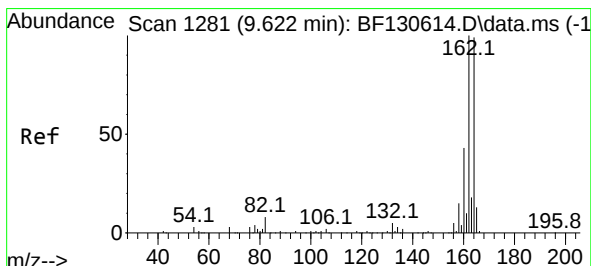
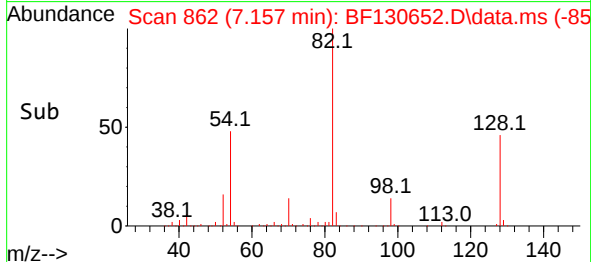
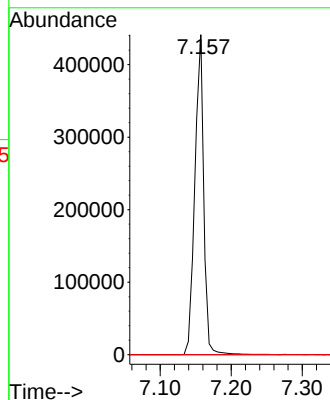
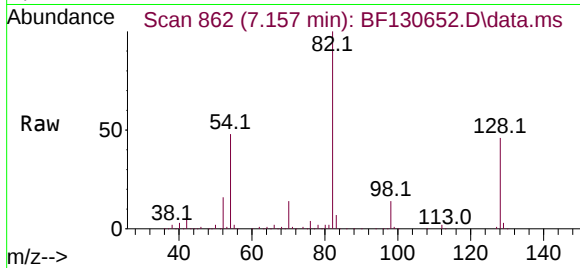




#25
Isophorone
Concen: 42.069 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

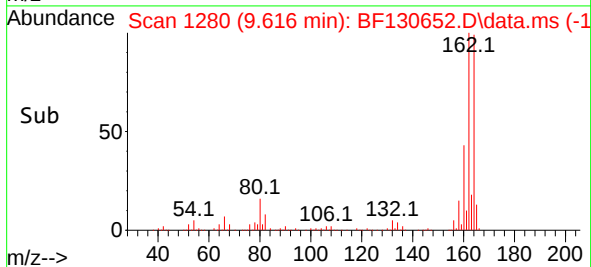
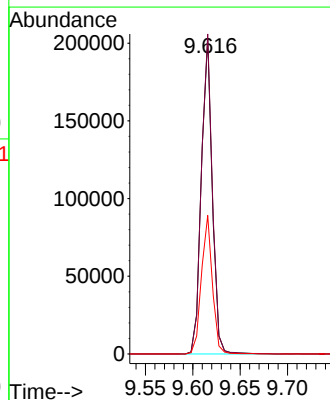
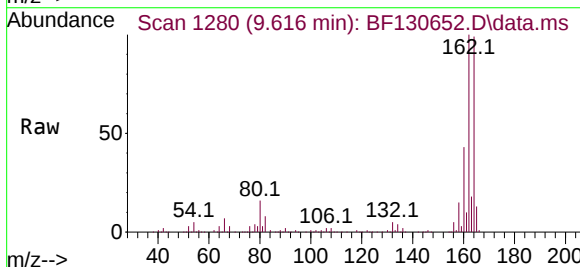
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

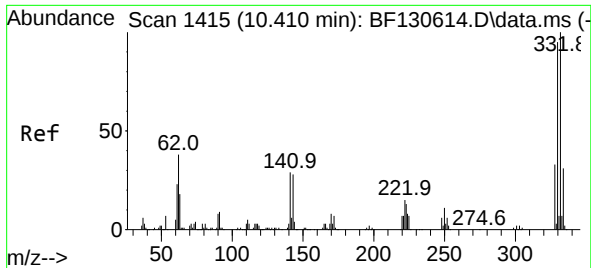
Tgt Ion: 82 Resp: 384134
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:164 Resp: 163932
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 43.9 34.5 51.7

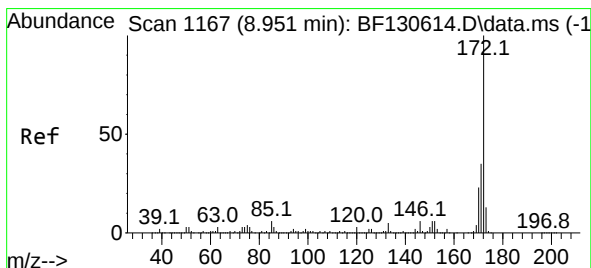
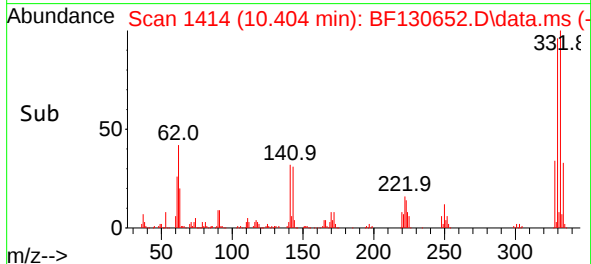
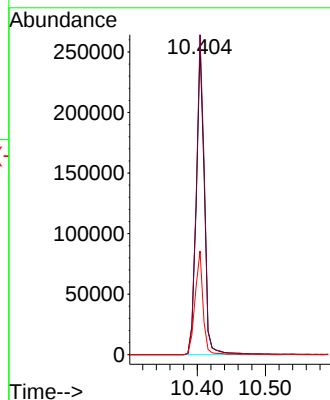
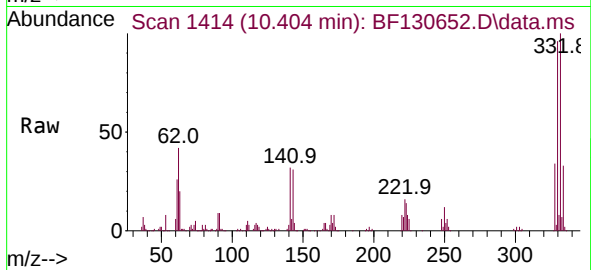




#42
2,4,6-Tribromophenol
Concen: 130.321 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

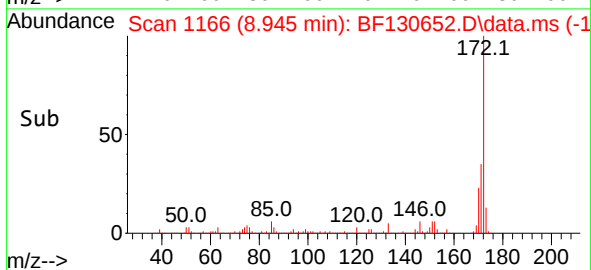
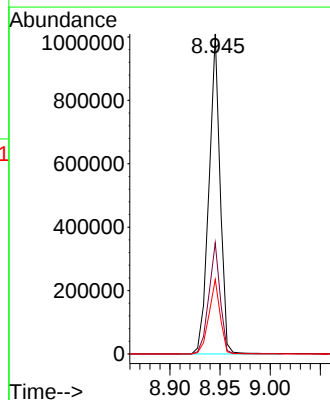
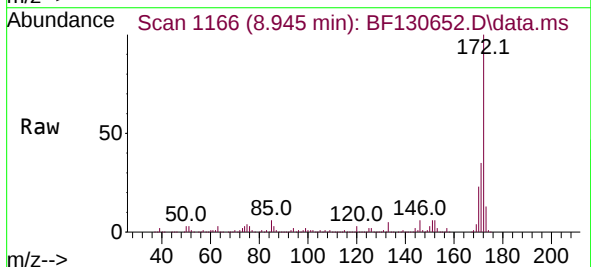
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

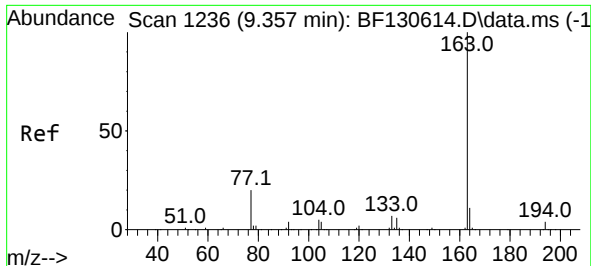
Tgt Ion:330 Resp: 209044
Ion Ratio Lower Upper
330 100
332 104.5 84.2 126.4
141 33.4 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 72.831 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:172 Resp: 788210
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.3 18.6 27.8

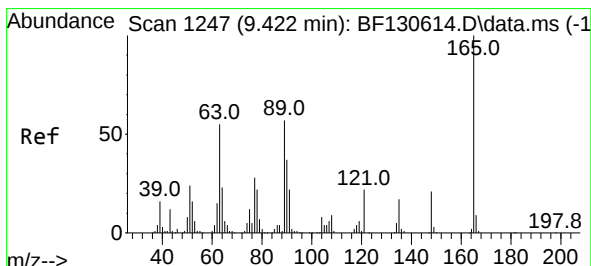
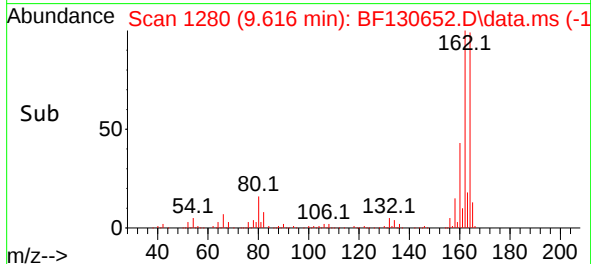
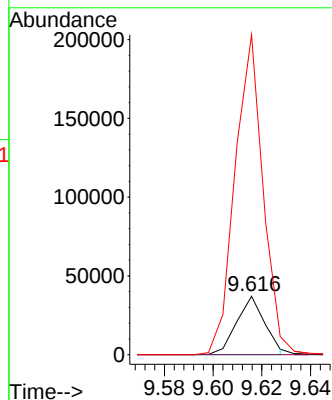
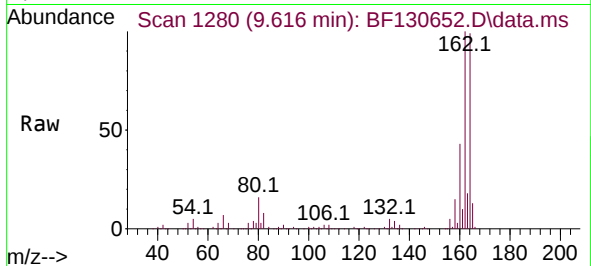




#50
Dimethylphthalate
Concen: 2.630 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

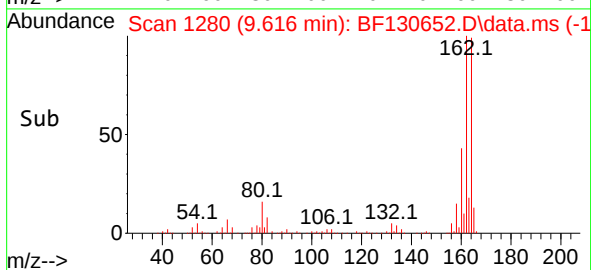
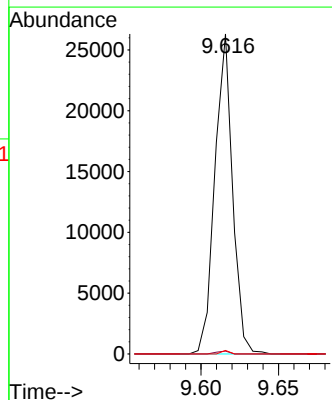
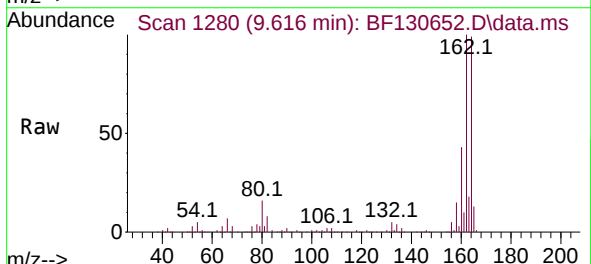
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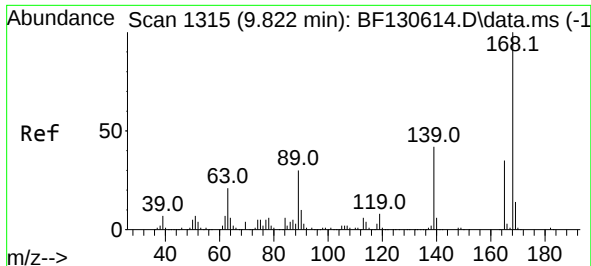
Tgt Ion:163 Resp: 29842
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 548.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:165 Resp: 20894
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 1.1 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.531 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.206 min

Lab File: BF130652.D

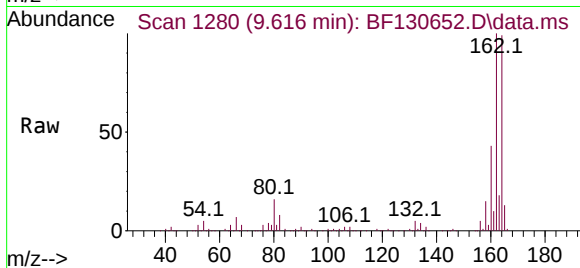
Acq: 13 Oct 2022 17:55

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4



Tgt Ion:165 Resp: 20894

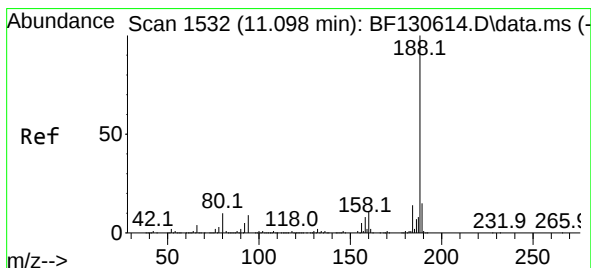
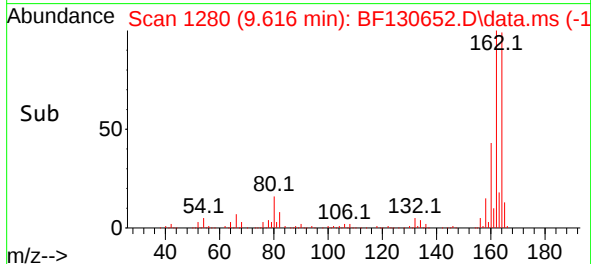
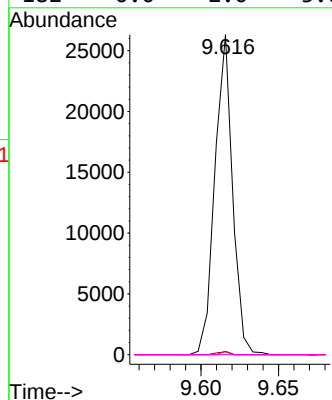
Ion Ratio Lower Upper

165 100

63 0.9 50.6 76.0#

89 1.1 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130652.D

Acq: 13 Oct 2022 17:55

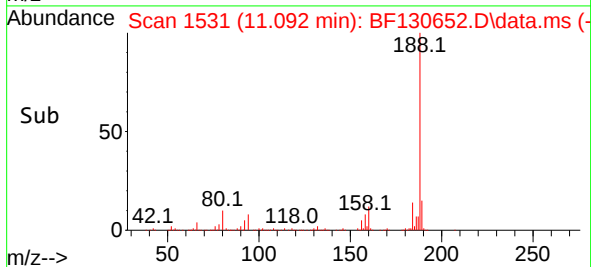
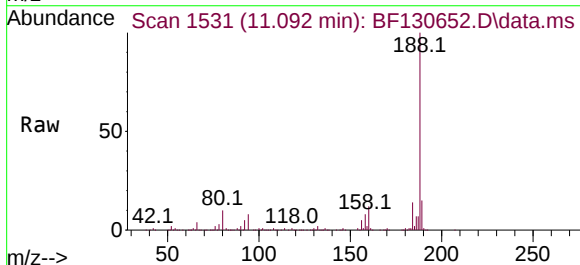
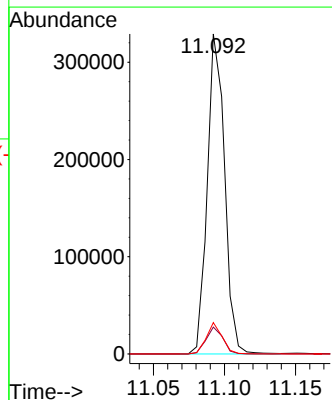
Tgt Ion:188 Resp: 278810

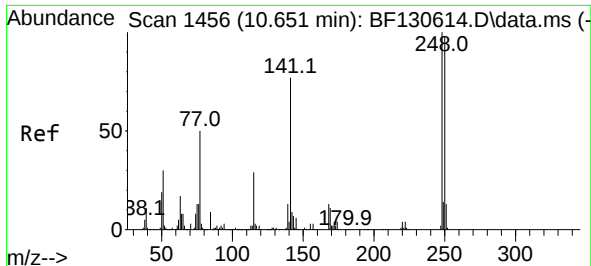
Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.8 8.0 12.0

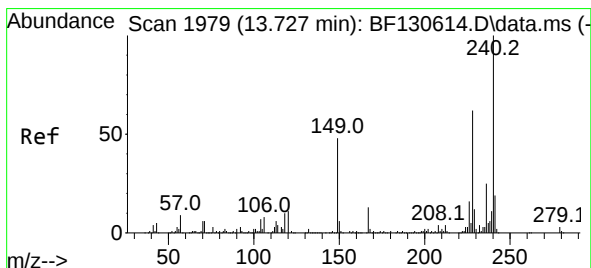
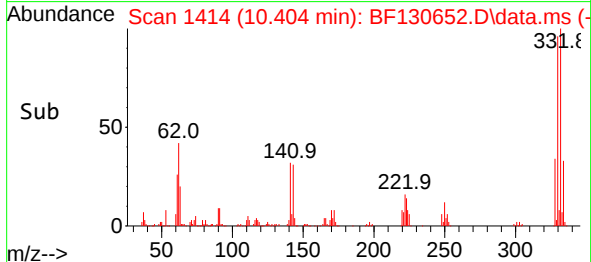
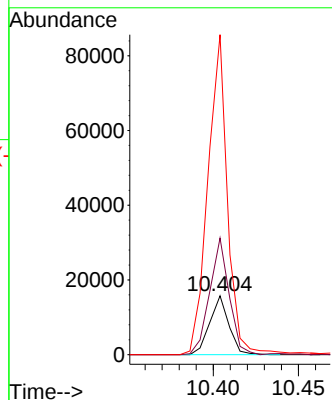
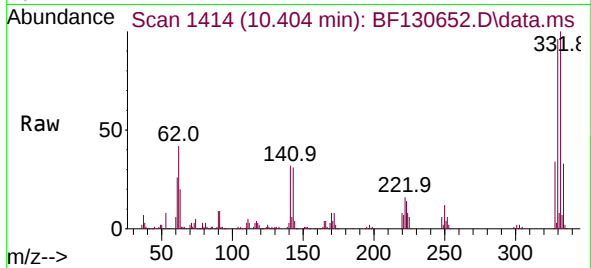




#67
4-Bromophenyl-phenylether
Concen: 3.901 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

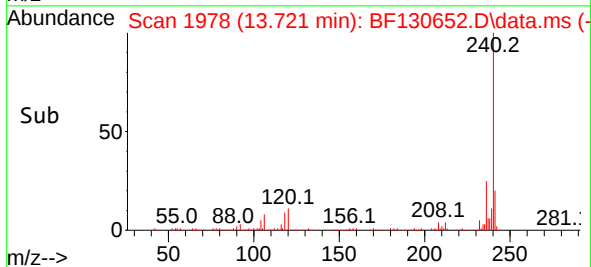
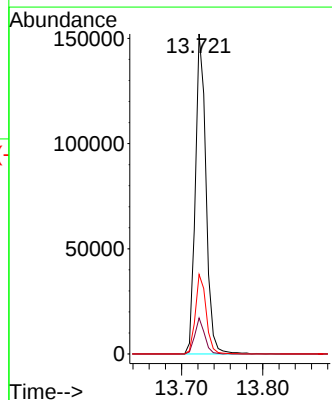
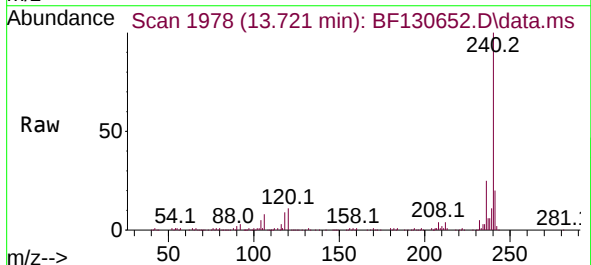
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

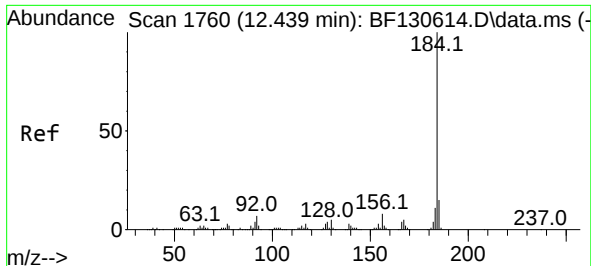
Tgt Ion:248 Resp: 12305
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 542.8 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:240 Resp: 139257
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 24.9 20.2 30.4

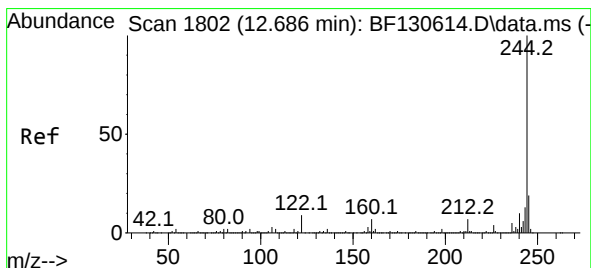
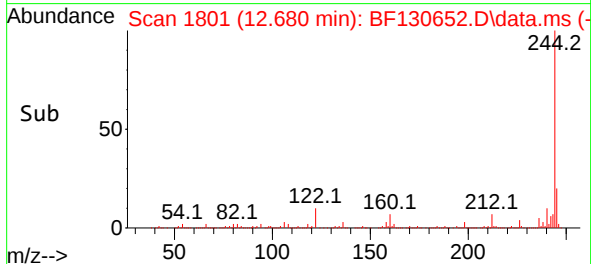
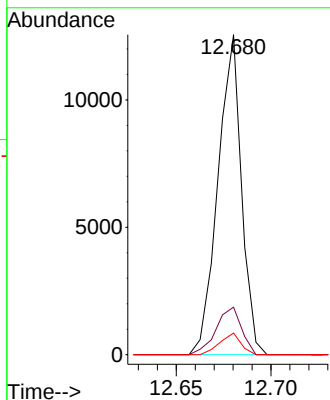
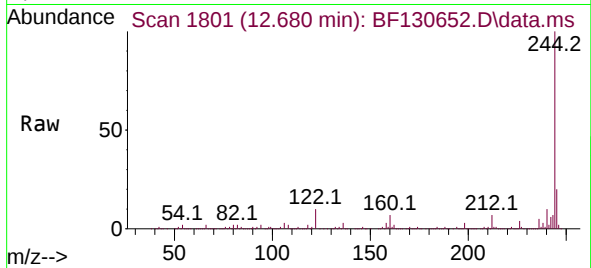




#77
Benzidine
Concen: 3.078 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.241 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

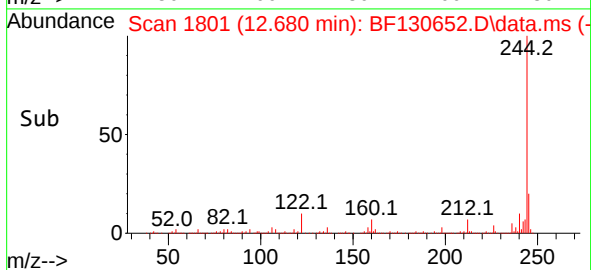
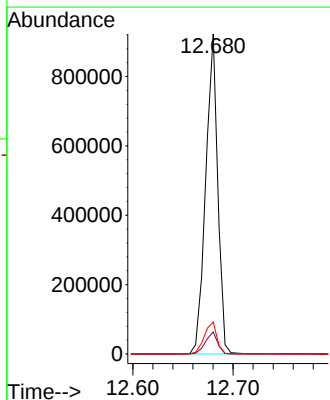
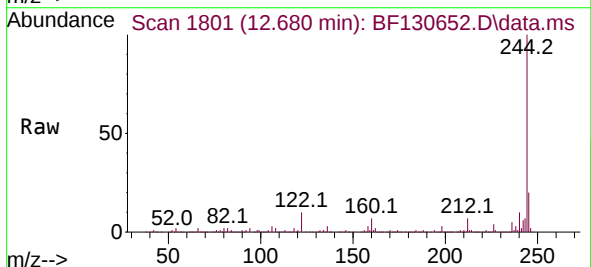
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

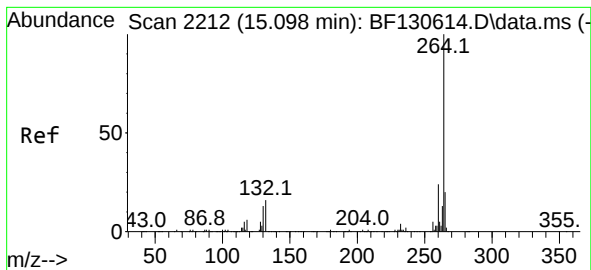
Tgt Ion:184 Resp: 10836
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 6.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 92.422 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

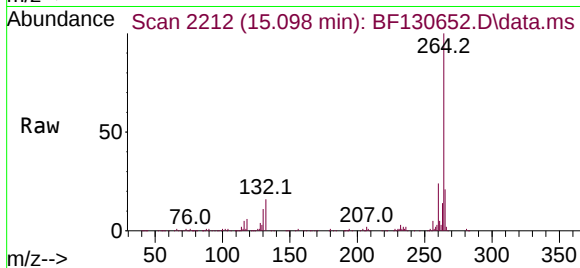
Tgt Ion:244 Resp: 775456
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.0 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130652.D
 Acq: 13 Oct 2022 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4



Tgt Ion:264 Resp: 146706
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.2 16.4 24.6

