

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130539.D
 Acq On : 05 Oct 2022 20:14
 Operator : CG\JU
 Sample : N4963-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 257155-4

Quant Time: Oct 06 01:13:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

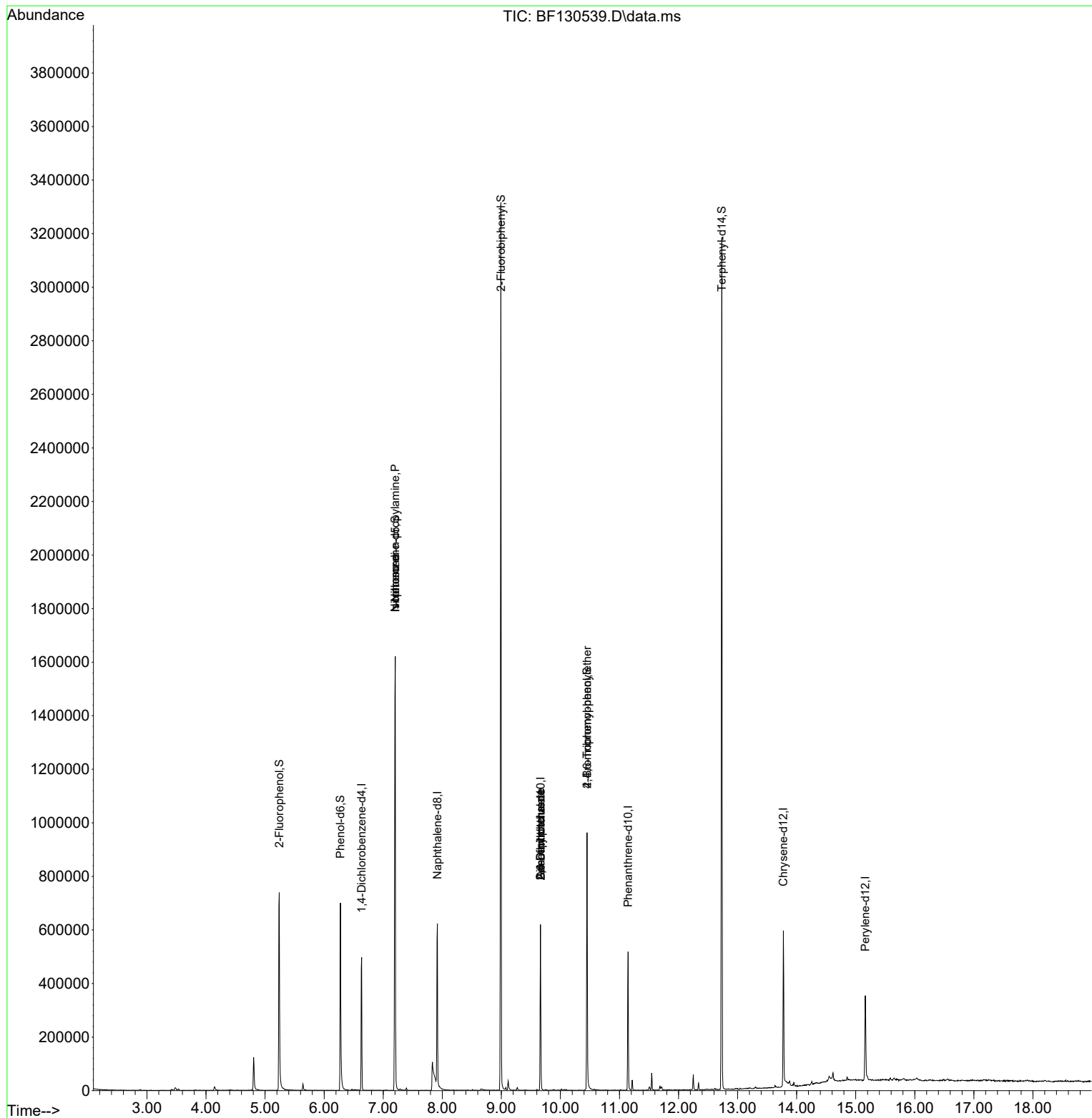
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	72144	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	256598	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	114103	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	181040	20.000	ng	0.00
76) Chrysene-d12	13.774	240	181434	20.000	ng	0.00
86) Perylene-d12	15.163	264	132766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	231653	55.693	ng	0.01
7) Phenol-d6	6.275	99	227805	43.771	ng	0.00
23) Nitrobenzene-d5	7.204	82	545191	108.547	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	106476	97.387	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	910329	116.177	ng	0.00
79) Terphenyl-d14	12.733	244	986498	90.067	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	73731	20.995	ng	# 72
25) Isophorone	7.204	82	545182	67.346	ng	# 66
50) Dimethylphthalate	9.663	163	20006	2.538	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	14739	8.942	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	14739	6.996	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	6342	3.176	ng	# 1

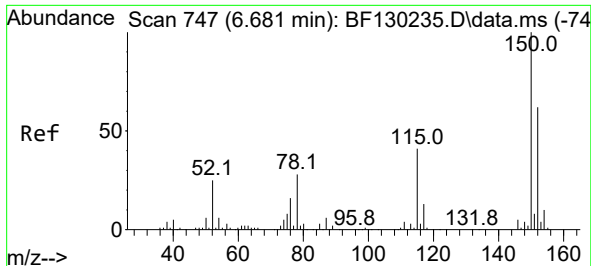
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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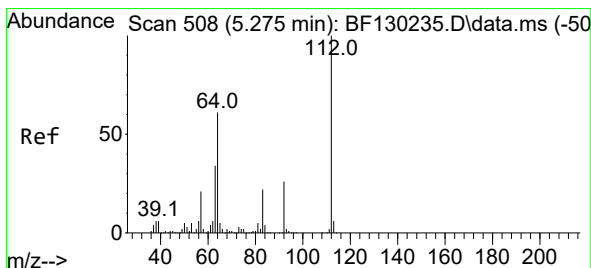
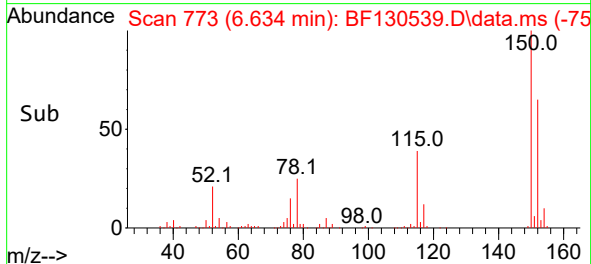
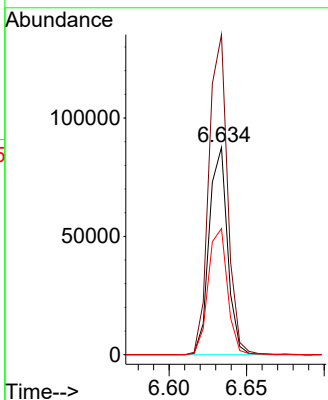
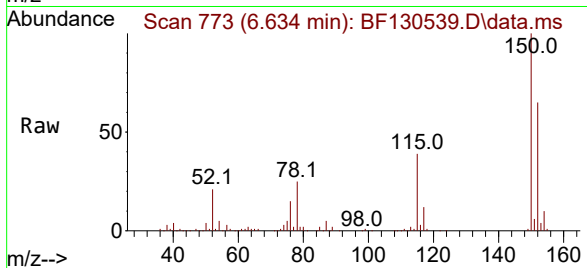




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130539.D
 Acq: 05 Oct 2022 20:14

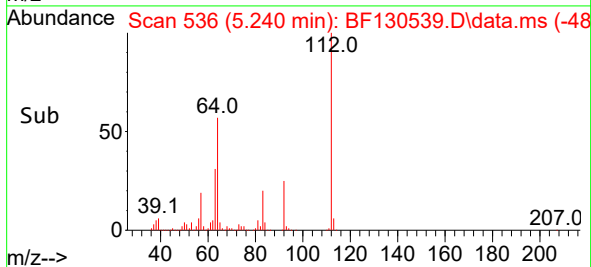
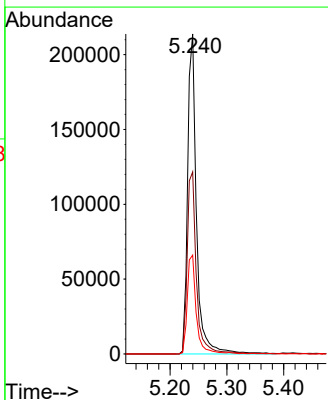
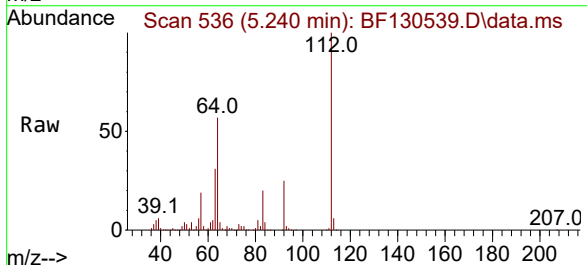
Instrument :
 BNA_F
 ClientSampleId :
 257155-4

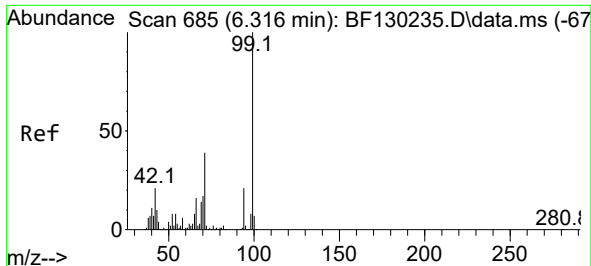
Tgt Ion:152 Resp: 72144
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.8 184.2
 115 60.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 55.693 ng
 RT: 5.240 min Scan# 536
 Delta R.T. 0.012 min
 Lab File: BF130539.D
 Acq: 05 Oct 2022 20:14

Tgt Ion:112 Resp: 231653
 Ion Ratio Lower Upper
 112 100
 64 56.9 51.4 77.0
 63 30.9 28.8 43.2

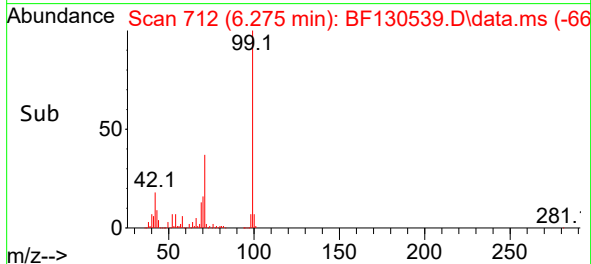
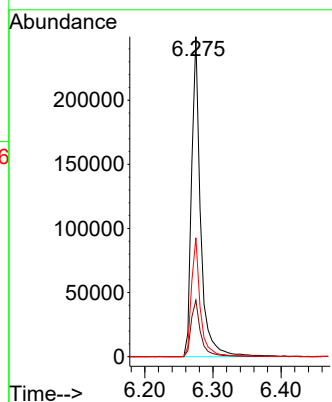
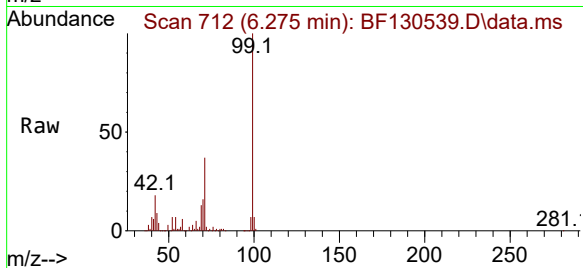




#7
Phenol-d6
Concen: 43.771 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

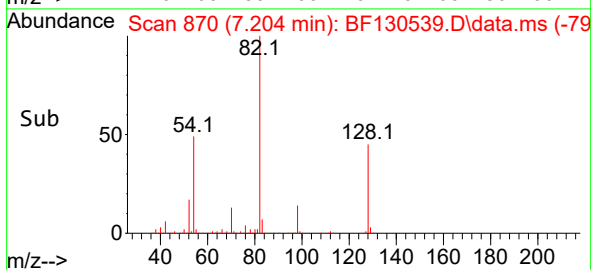
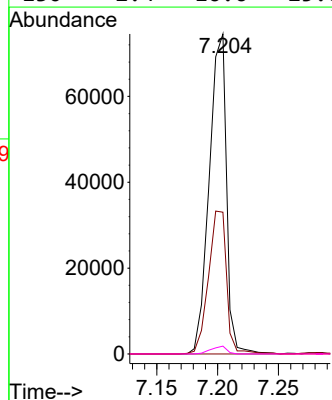
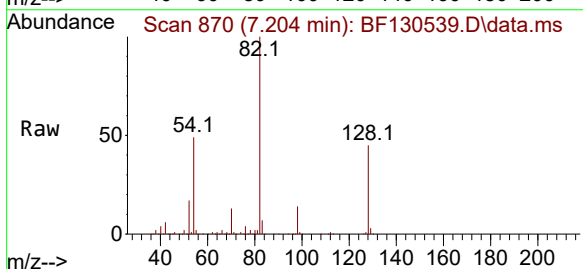
Instrument :
BNA_F
ClientSampleId :
257155-4

Tgt Ion: 99 Resp: 227805
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 37.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.995 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

Tgt Ion: 70 Resp: 73731
Ion Ratio Lower Upper
70 100
42 44.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

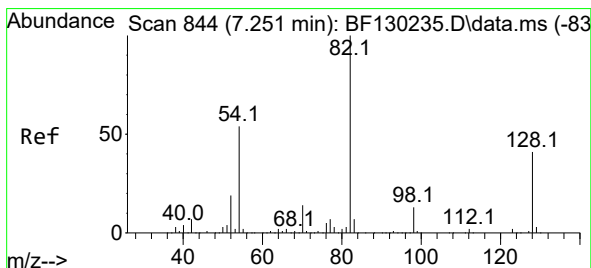
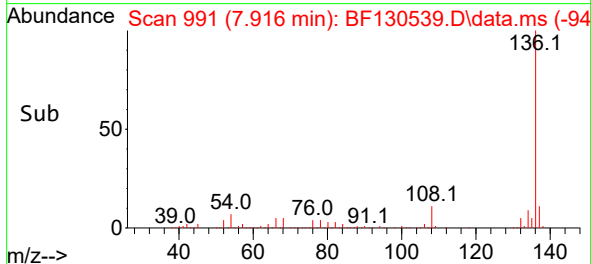
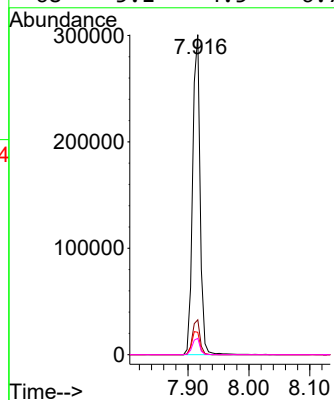
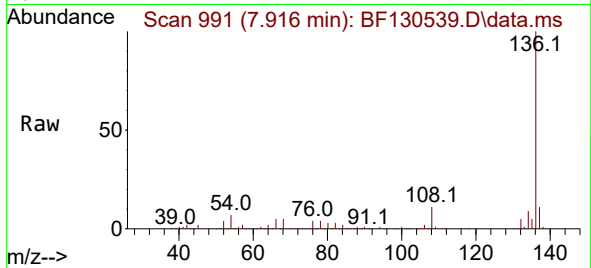




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

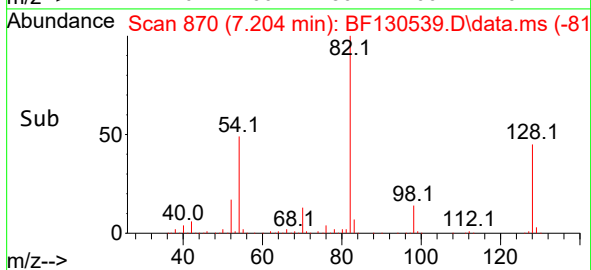
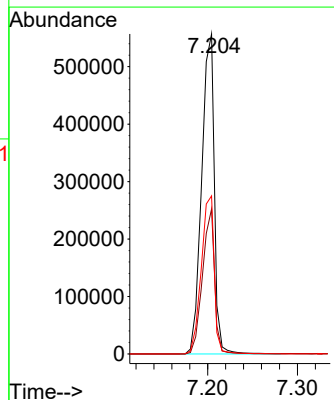
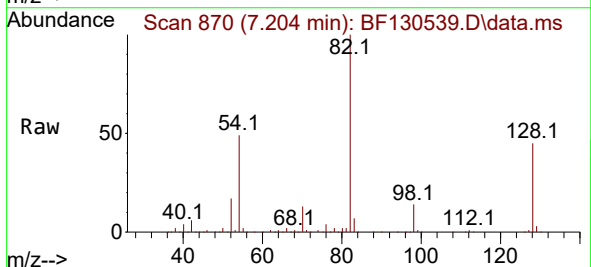
Instrument :
BNA_F
ClientSampleId :
257155-4

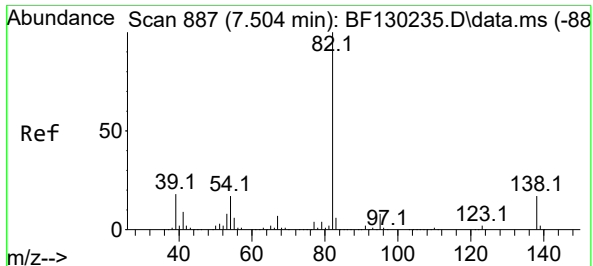
Tgt Ion:136 Resp: 256598
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7#
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 108.547 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

Tgt Ion: 82 Resp: 545191
Ion Ratio Lower Upper
82 100
128 45.3 32.6 49.0
54 49.4 43.8 65.6

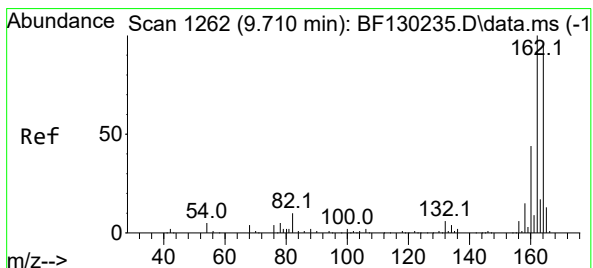
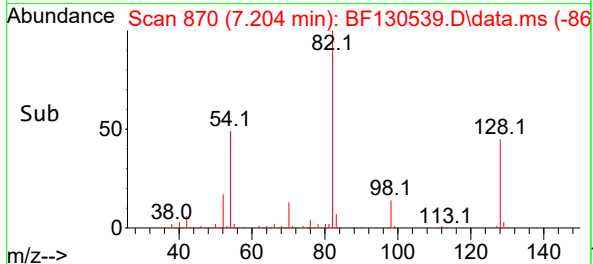
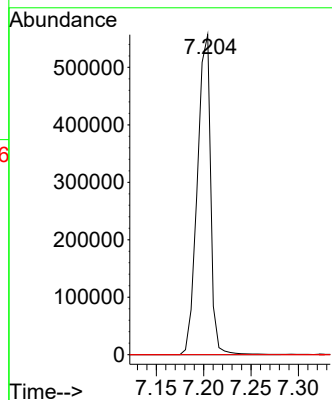
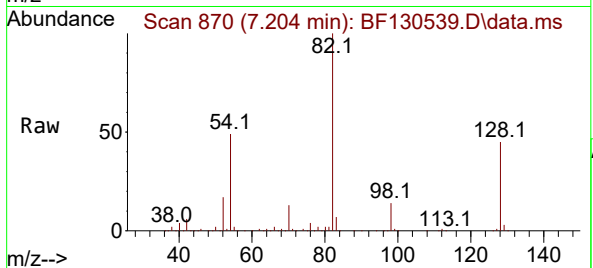




#25
Isophorone
Concen: 67.346 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

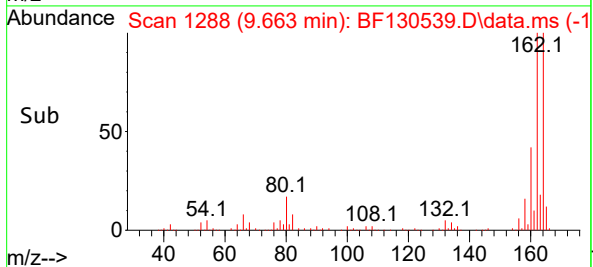
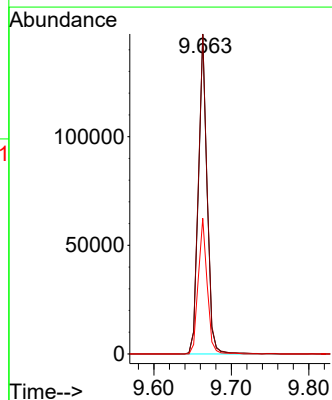
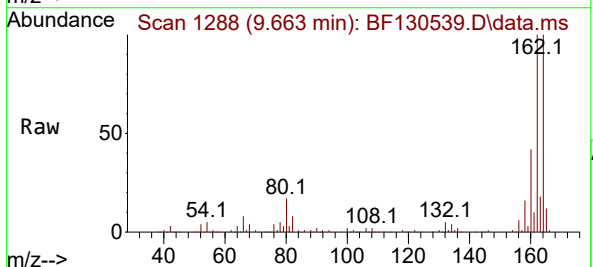
Instrument :
BNA_F
ClientSampleId :
257155-4

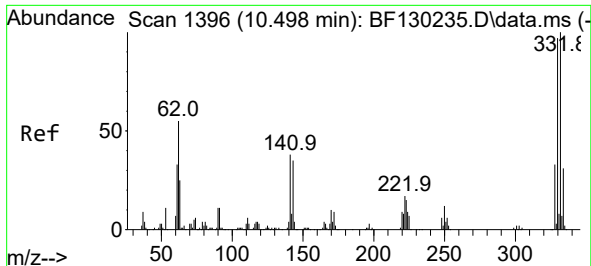
Tgt Ion: 82 Resp: 545182
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

Tgt Ion:164 Resp: 114103
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 42.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 97.387 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF130539.D

Acq: 05 Oct 2022 20:14

Instrument :

BNA_F

ClientSampleId :

257155-4

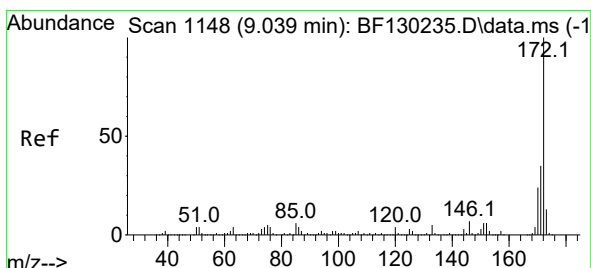
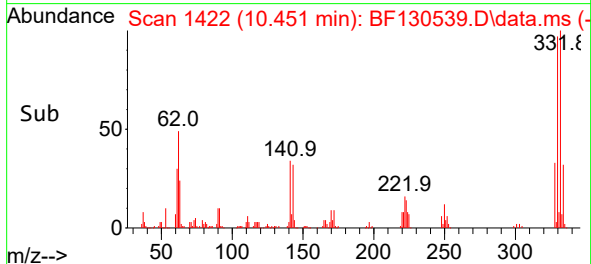
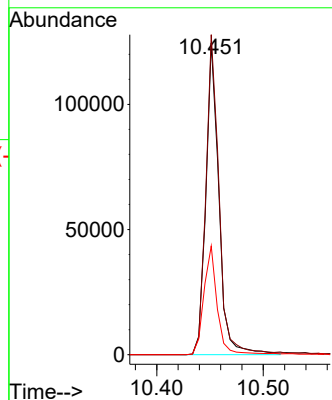
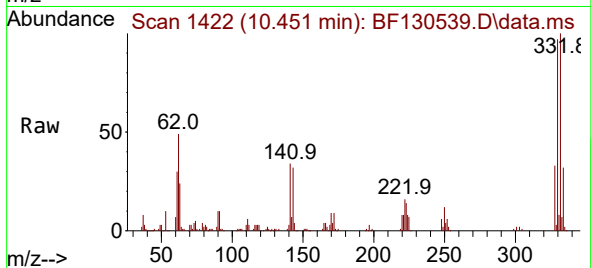
Tgt Ion:330 Resp: 106476

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 36.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 116.177 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF130539.D

Acq: 05 Oct 2022 20:14

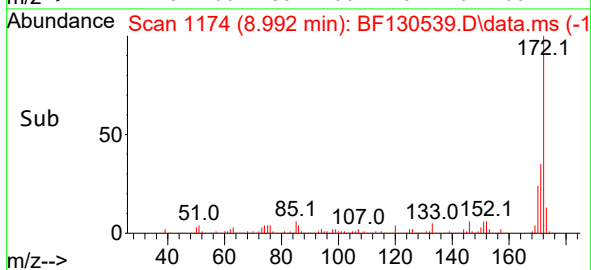
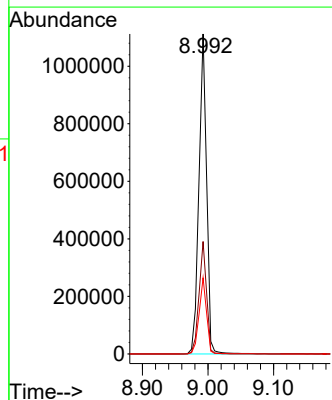
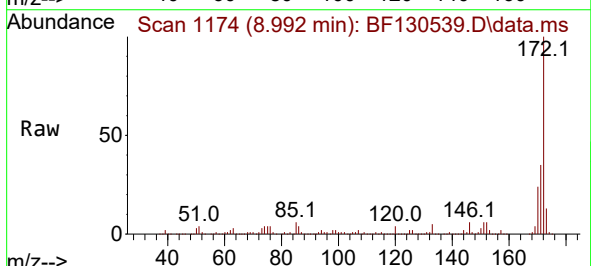
Tgt Ion:172 Resp: 910329

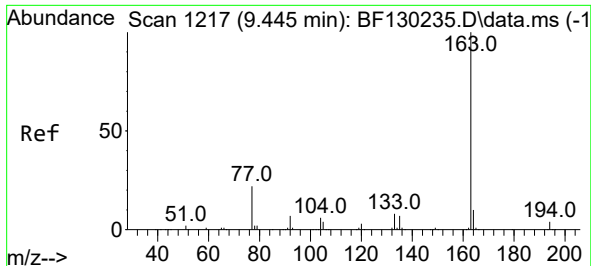
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 18.7 28.1

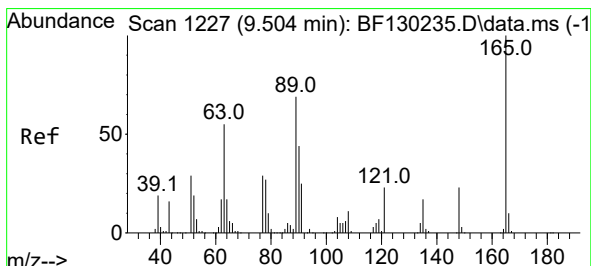
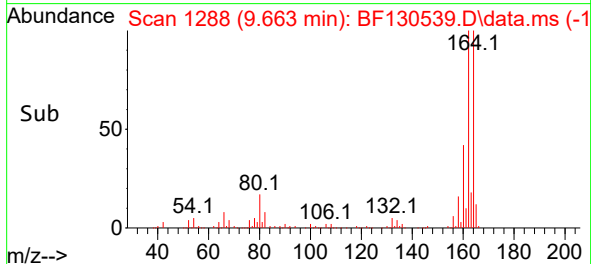
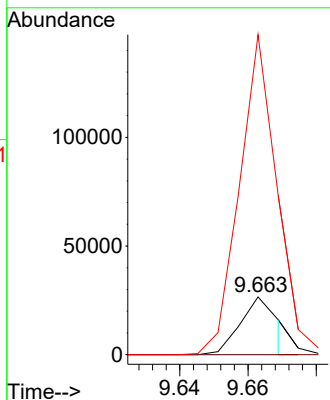
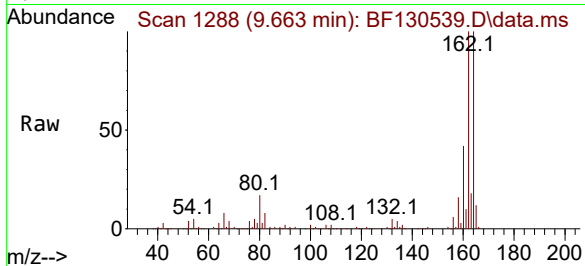




#50
Dimethylphthalate
Concen: 2.538 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.265 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

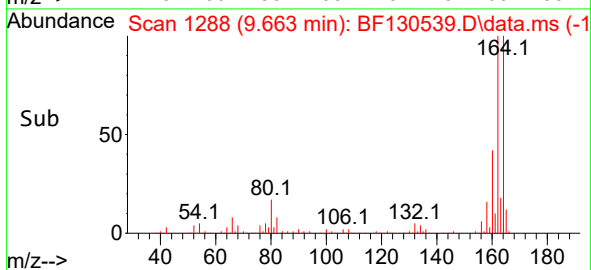
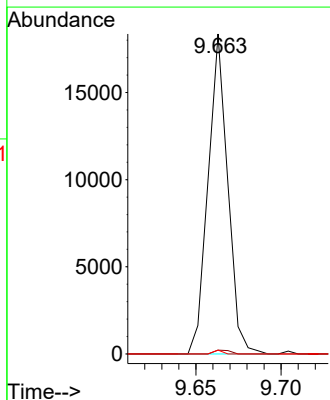
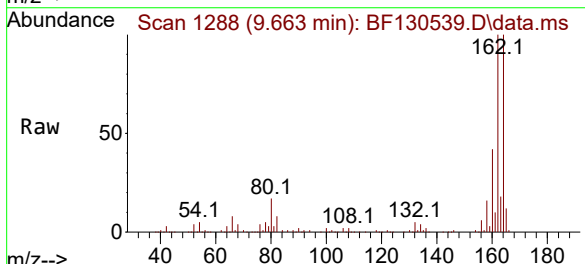
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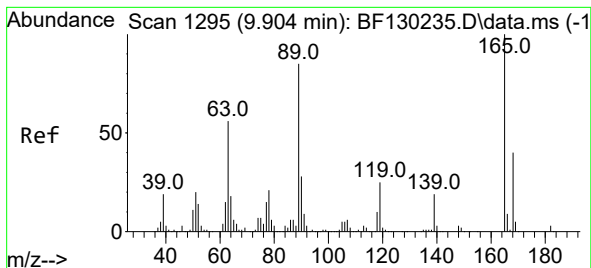
Tgt Ion:163 Resp: 20006
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 554.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.942 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

Tgt Ion:165 Resp: 14739
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.2 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 6.996 ng

RT: 9.663 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130539.D

Acq: 05 Oct 2022 20:14

Instrument :

BNA_F

ClientSampleId :

257155-4

Tgt Ion:165 Resp: 14739

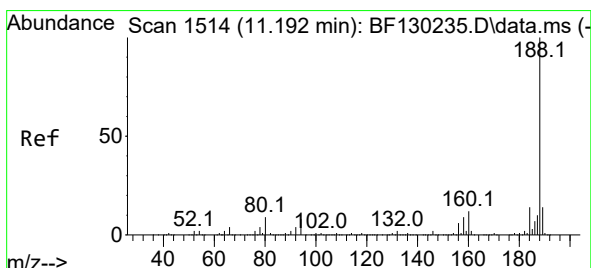
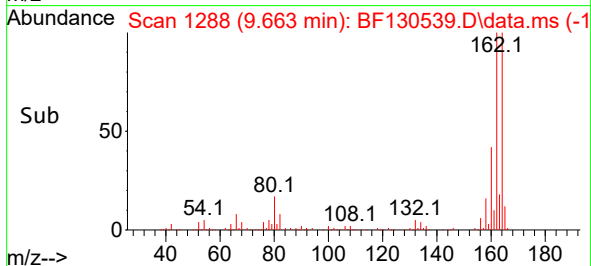
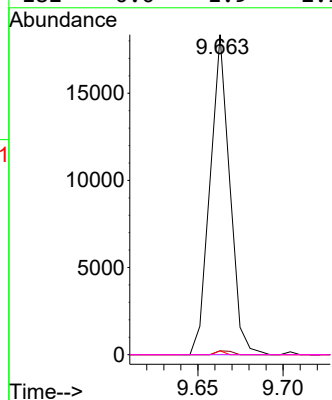
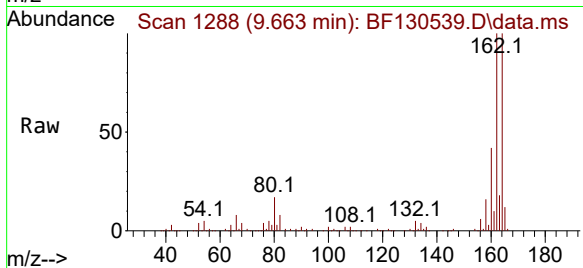
Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

89 1.2 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.000 min

Lab File: BF130539.D

Acq: 05 Oct 2022 20:14

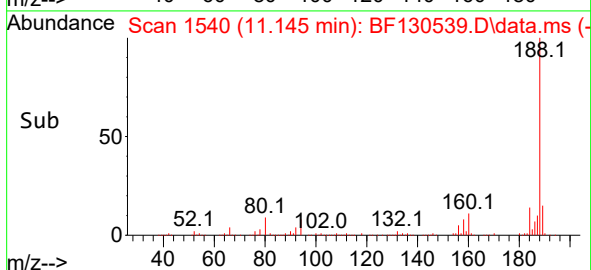
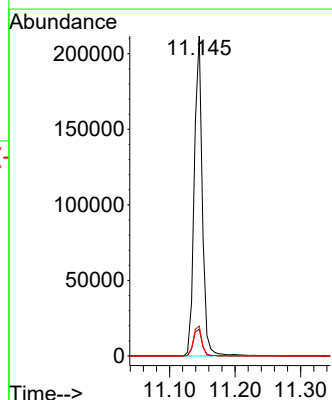
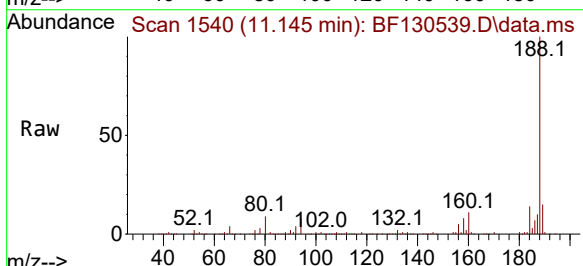
Tgt Ion:188 Resp: 181040

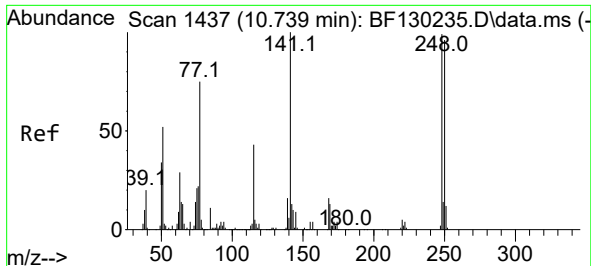
Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.3 7.9 11.9

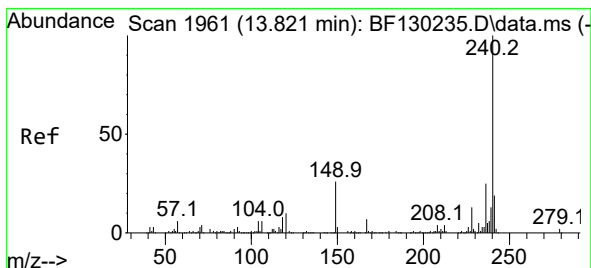
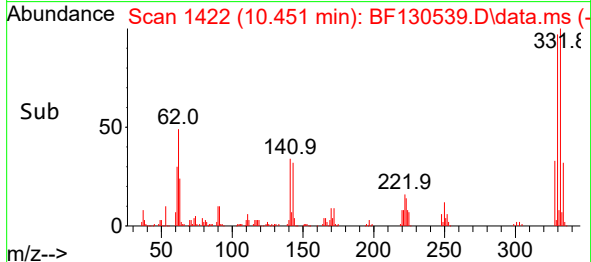
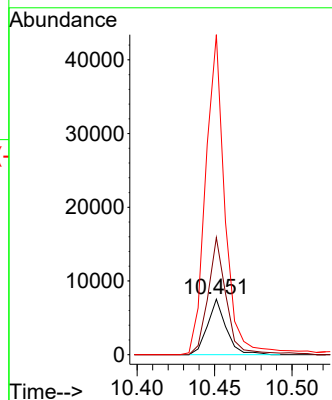
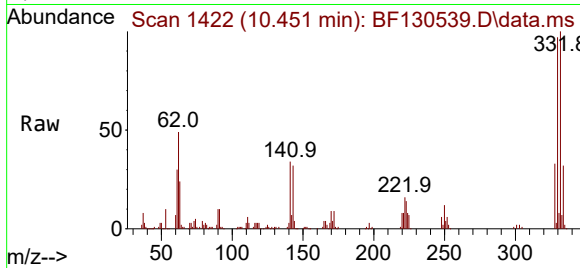




#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

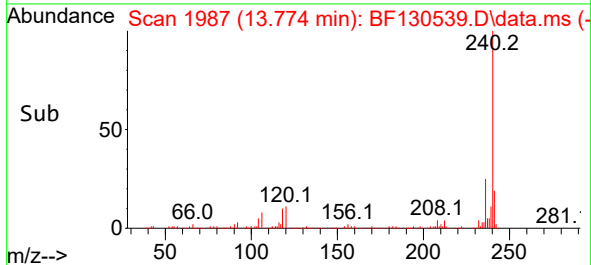
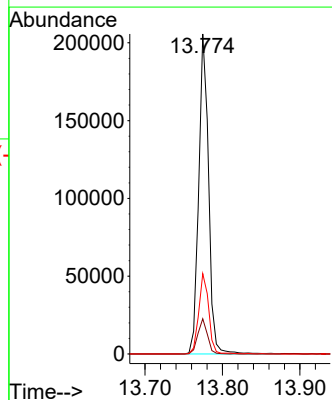
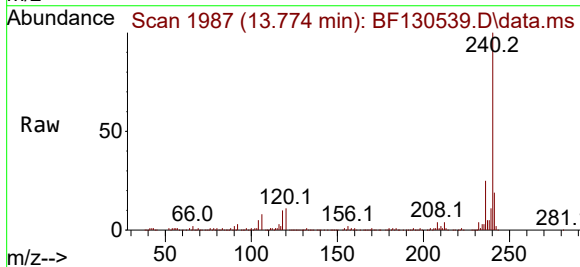
Instrument :
BNA_F
ClientSampleId :
257155-4

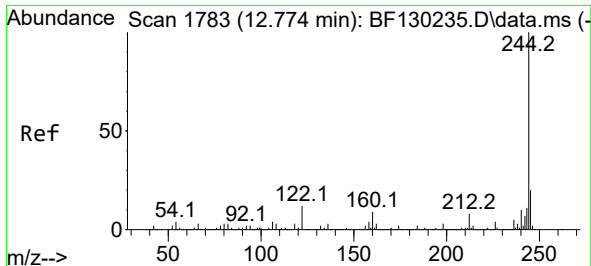
Tgt Ion:248 Resp: 6342
Ion Ratio Lower Upper
248 100
250 210.9 80.0 120.0#
141 576.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF130539.D
Acq: 05 Oct 2022 20:14

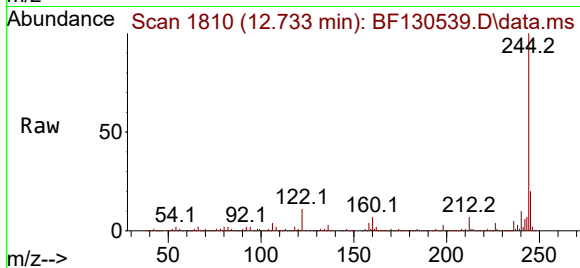
Tgt Ion:240 Resp: 181434
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.1 20.9 31.3



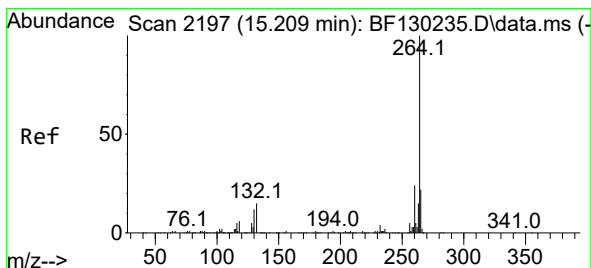
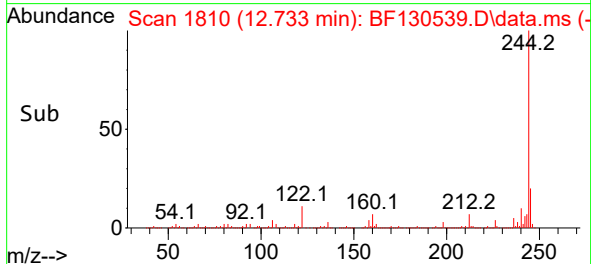
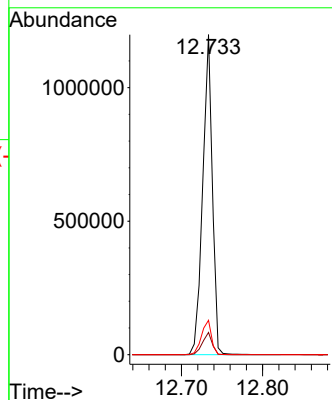


#79
 Terphenyl-d14
 Concen: 90.067 ng
 RT: 12.733 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130539.D
 Acq: 05 Oct 2022 20:14

Instrument :
 BNA_F
 ClientSampleId :
 257155-4



Tgt Ion:244 Resp: 986498
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.163 min Scan# 2223
 Delta R.T. 0.000 min
 Lab File: BF130539.D
 Acq: 05 Oct 2022 20:14

Tgt Ion:264 Resp: 132766
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.5 17.0 25.4

