

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130499.D
 Acq On : 03 Oct 2022 15:27
 Operator : CG\JU
 Sample : N4888-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-1

Quant Time: Oct 04 03:15:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

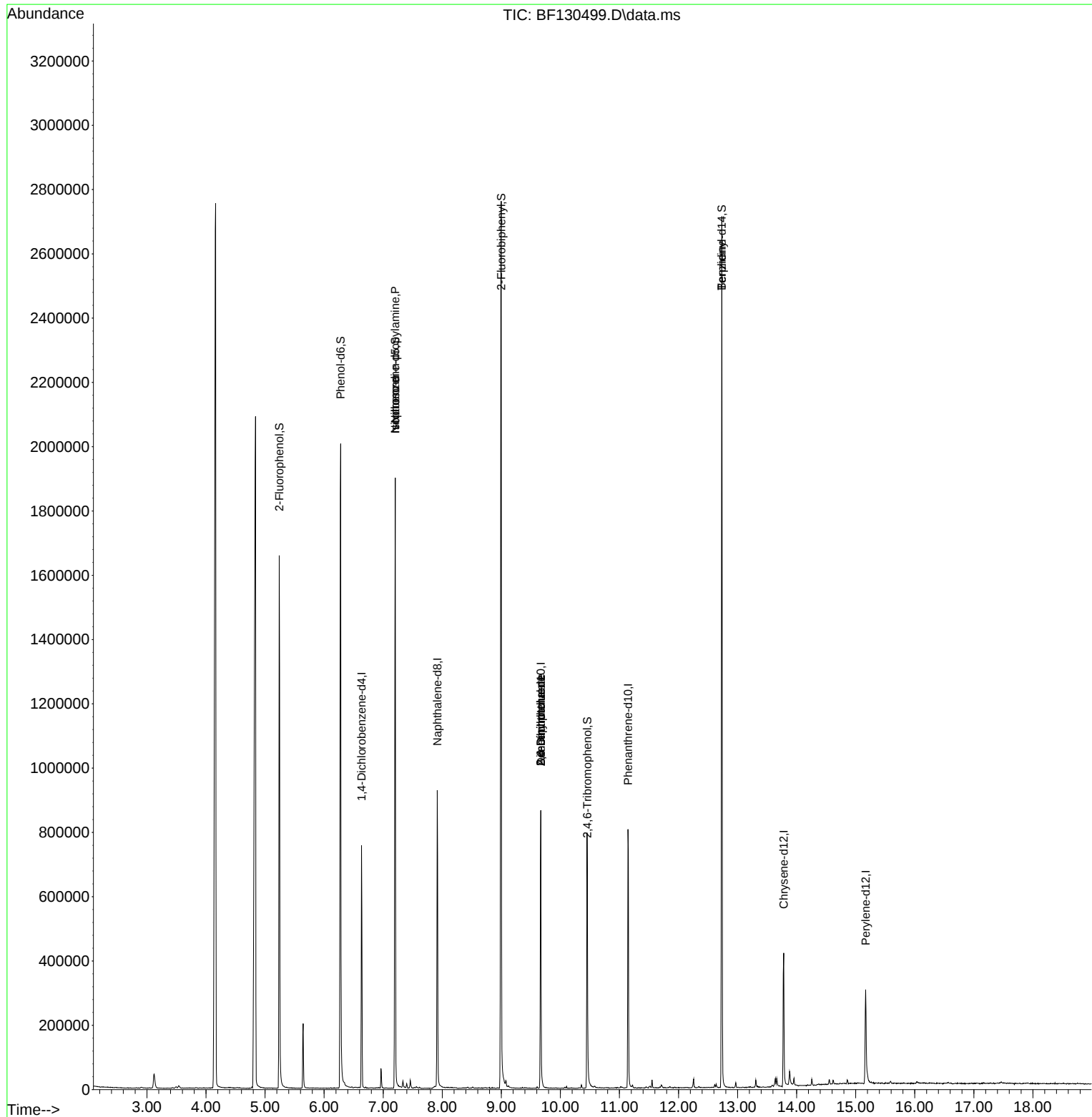
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	95937	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	413757	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	185934	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	306801	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	150617	20.000	ng	-0.01
86) Perylene-d12	15.168	264	148724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	423642	76.591	ng	0.00
7) Phenol-d6	6.281	99	699581	101.083	ng	-0.01
23) Nitrobenzene-d5	7.204	82	588954	72.721	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	93388	52.418	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	908294	71.135	ng	-0.01
79) Terphenyl-d14	12.733	244	823250	90.541	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	79584	17.041	ng	# 79
25) Isophorone	7.204	82	588884	45.114	ng	# 66
50) Dimethylphthalate	9.669	163	32464	2.528	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	23722	8.831	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	23722	6.910	ng	# 16
77) Benzdine	12.733	184	13278	3.037	ng	# 90

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

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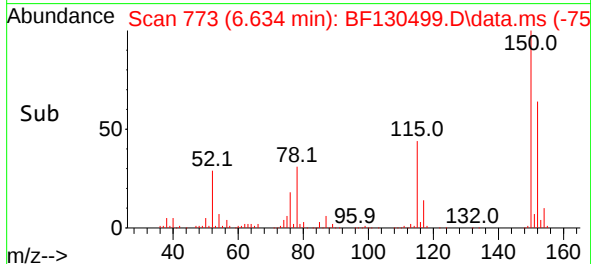
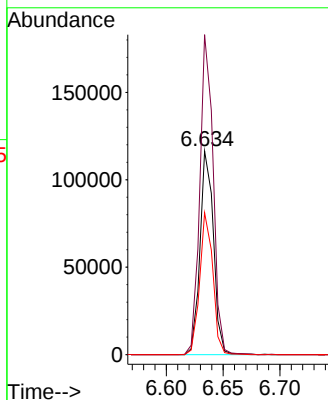
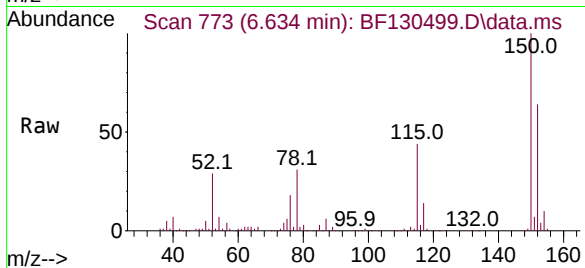




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

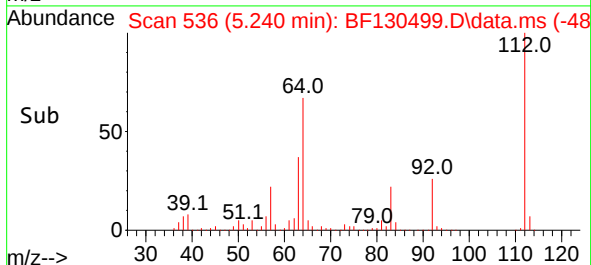
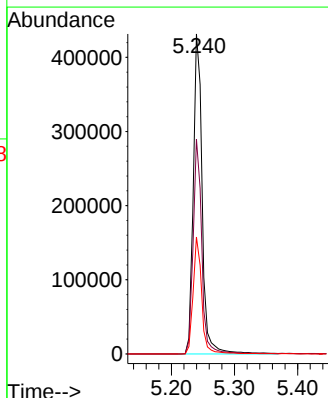
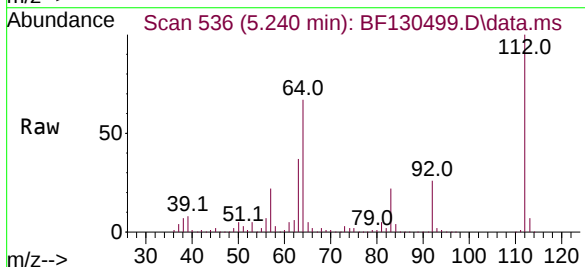
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

Tgt Ion:152 Resp: 95937
Ion Ratio Lower Upper
152 100
150 157.1 122.8 184.2
115 69.6 53.8 80.8



#5
2-Fluorophenol
Concen: 76.591 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion:112 Resp: 423642
Ion Ratio Lower Upper
112 100
64 67.1 51.4 77.0
63 36.5 28.8 43.2

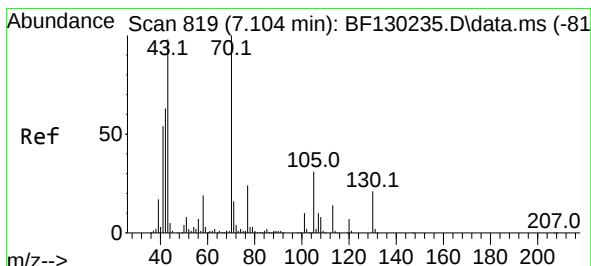
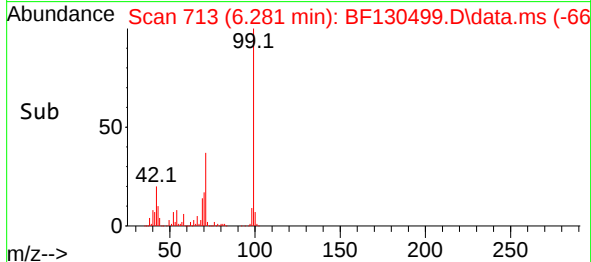
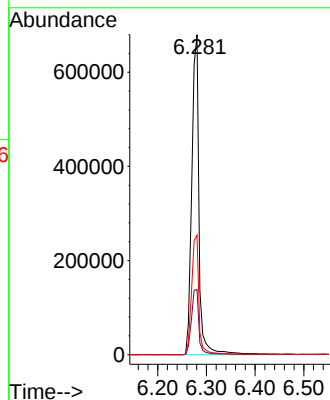
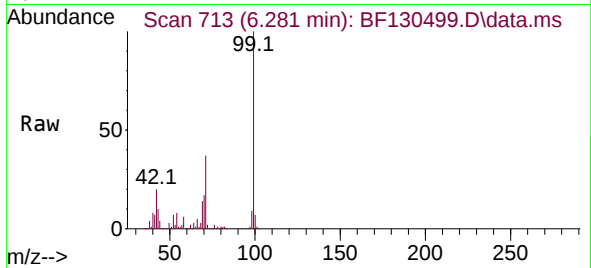




#7
Phenol-d6
Concen: 101.083 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

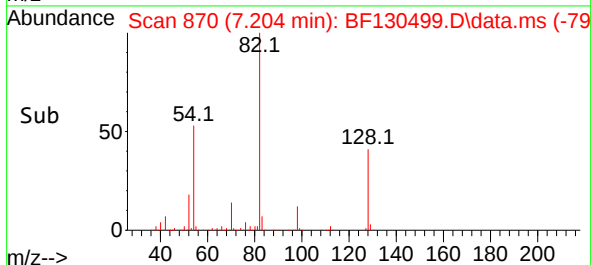
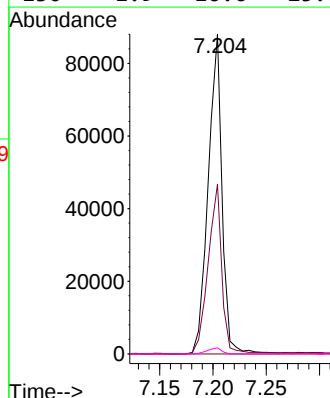
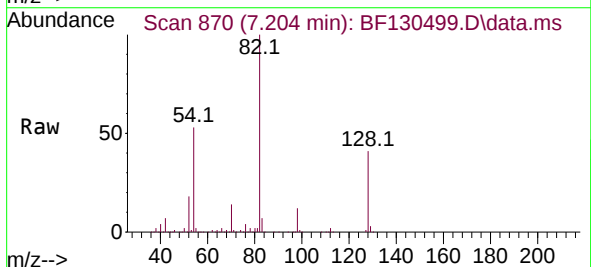
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BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

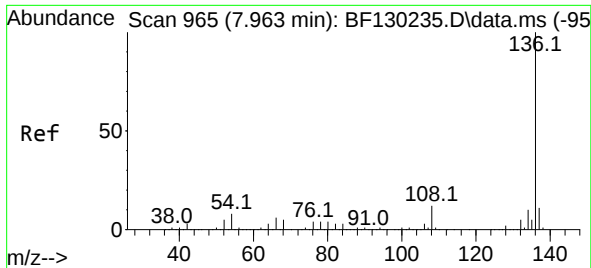
Tgt Ion: 99 Resp: 699581
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.041 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion: 70 Resp: 79584
Ion Ratio Lower Upper
70 100
42 53.0 50.8 76.2
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

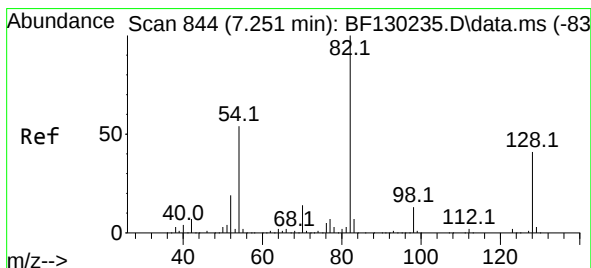
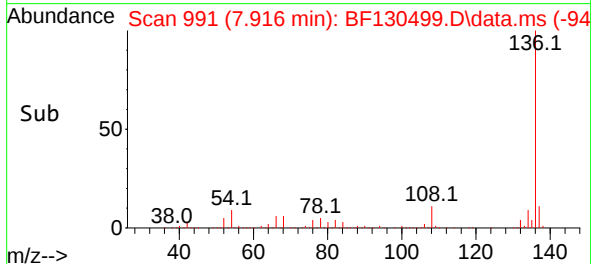
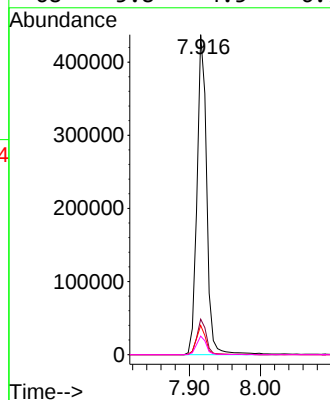
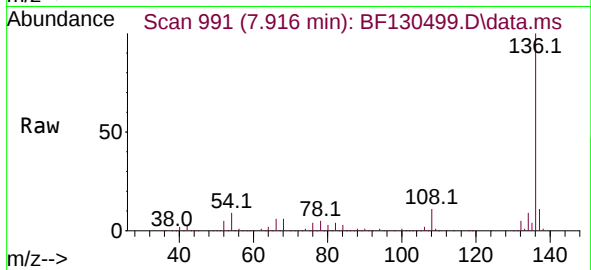




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

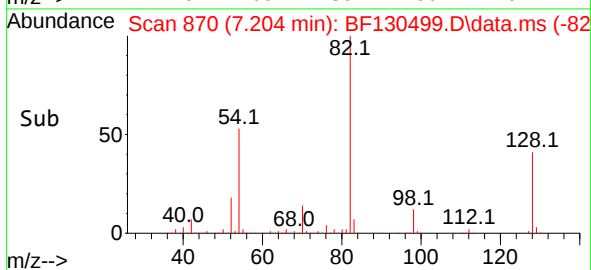
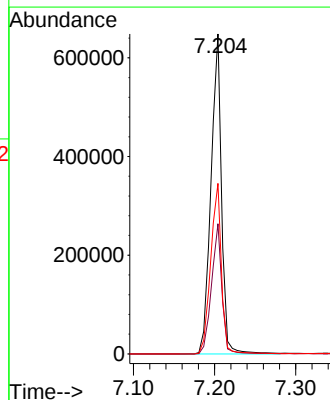
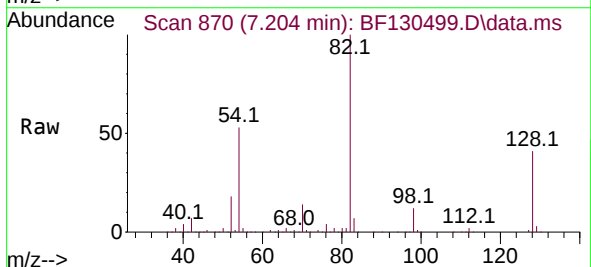
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

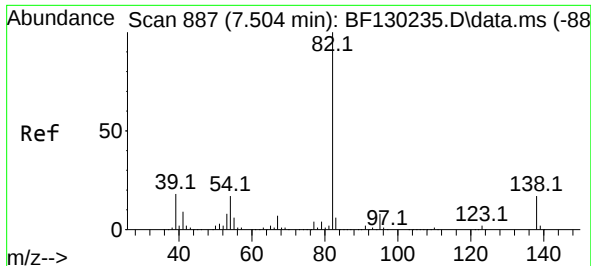
Tgt Ion:136 Resp: 413757
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.1 7.1 10.7
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 72.721 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion: 82 Resp: 588954
Ion Ratio Lower Upper
82 100
128 40.7 32.6 49.0
54 53.3 43.8 65.6

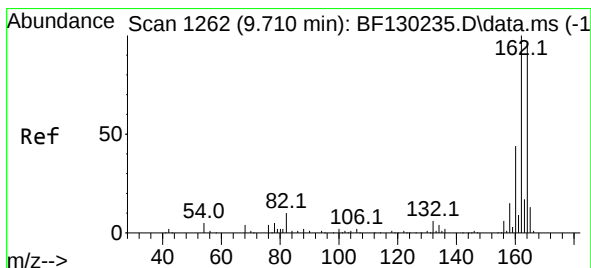
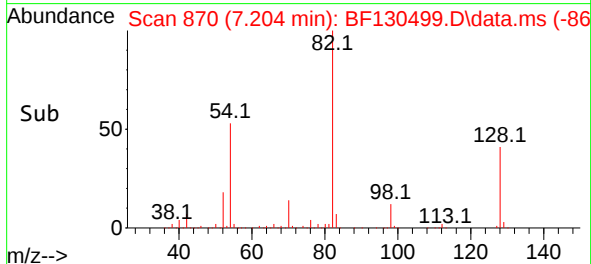
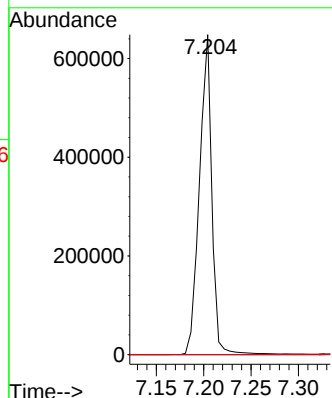
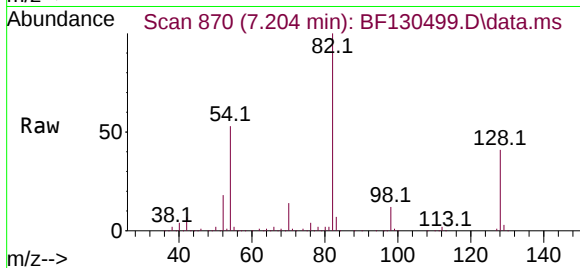




#25
Isophorone
Concen: 45.114 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

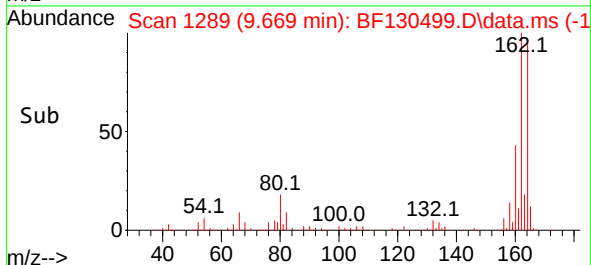
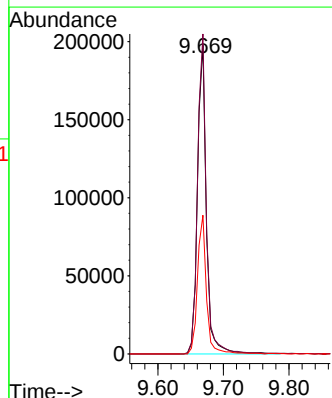
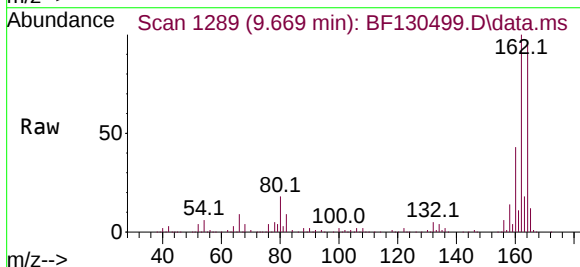
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

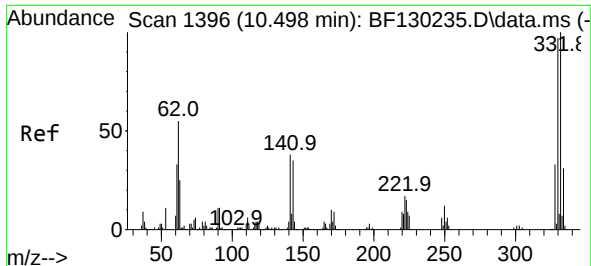
Tgt Ion: 82 Resp: 588884
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion:164 Resp: 185934
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 52.418 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130499.D

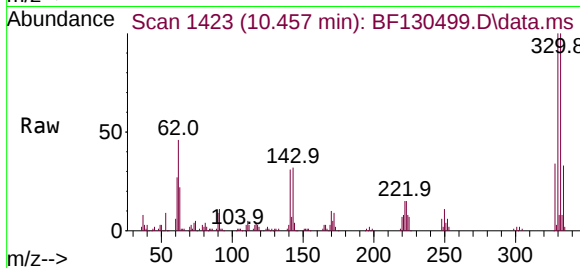
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Instrument :

BNA_F

ClientSampleId :

BUS-WORK-FOUNDATION-1



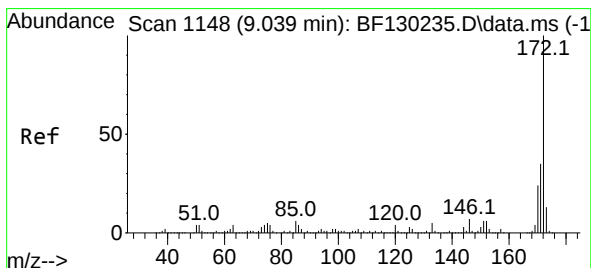
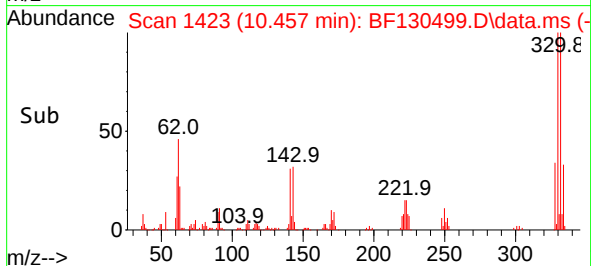
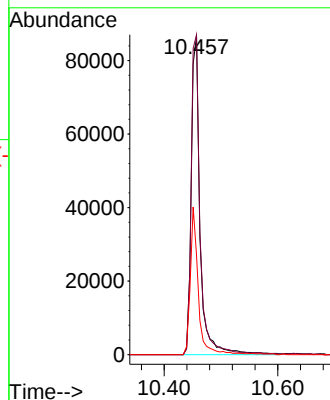
Tgt Ion:330 Resp: 93388

Ion Ratio Lower Upper

330 100

332 100.9 83.4 125.2

141 42.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 71.135 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130499.D

Acq: 03 Oct 2022 15:27

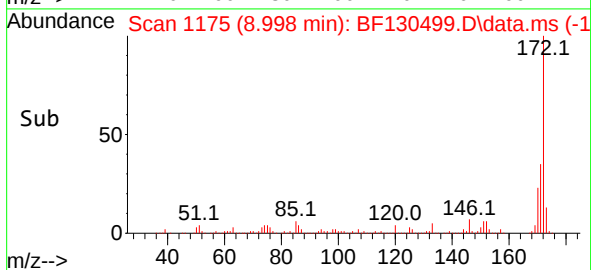
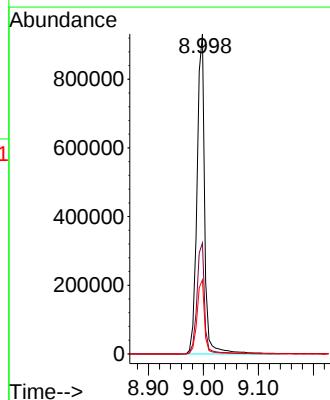
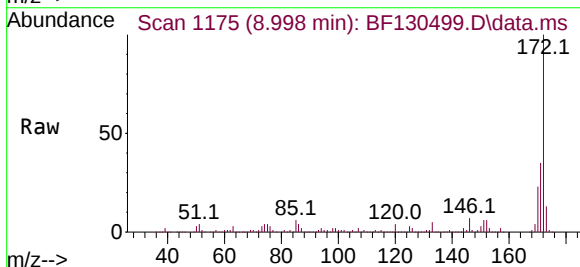
Tgt Ion:172 Resp: 908294

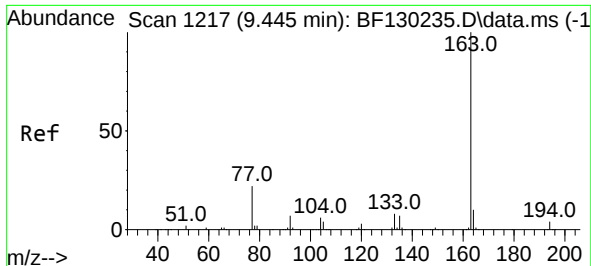
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 18.7 28.1

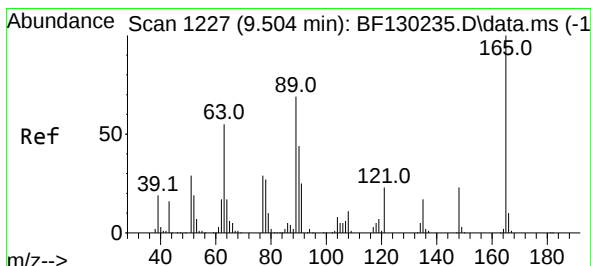
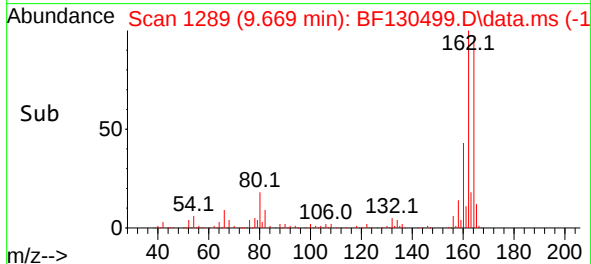
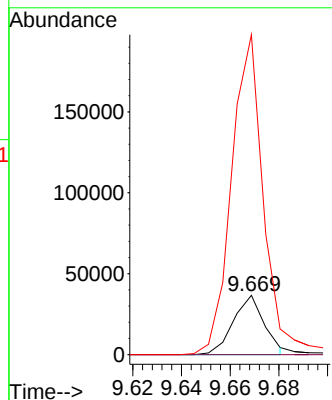
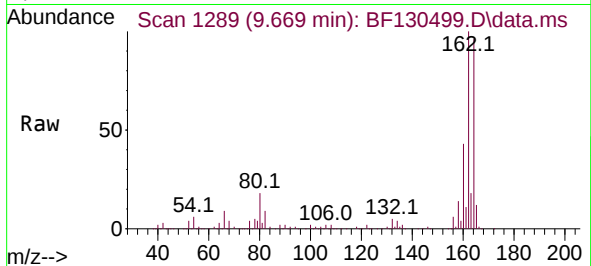




#50
Dimethylphthalate
Concen: 2.528 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

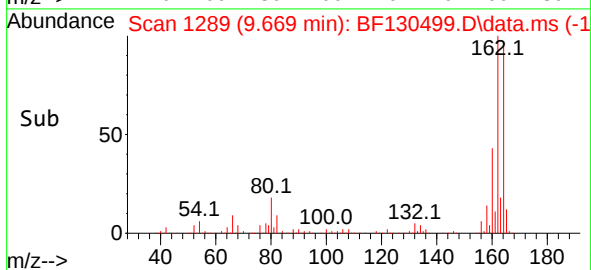
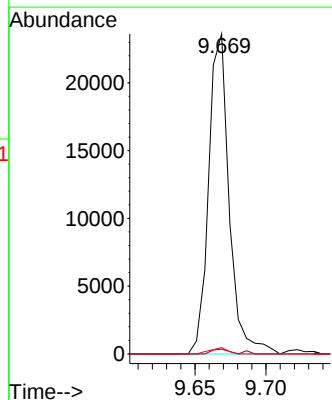
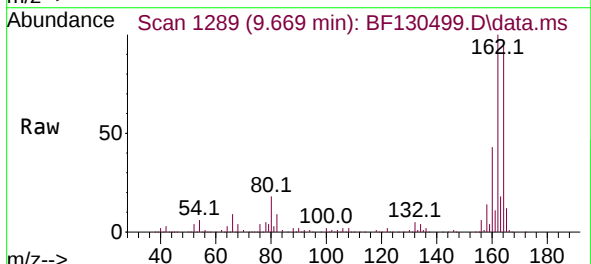
Instrument :
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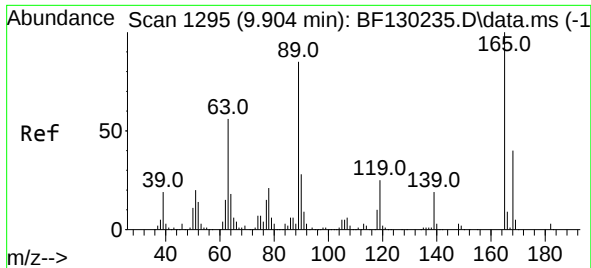
Tgt Ion:163 Resp: 32464
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 540.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion:165 Resp: 23722
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 2.0 54.5 81.7#

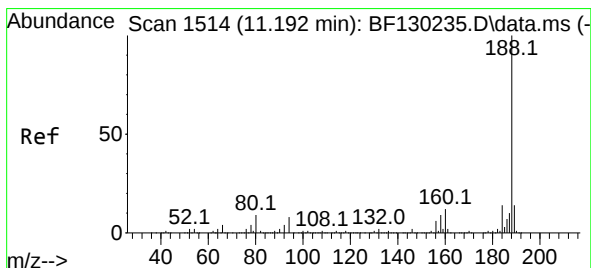
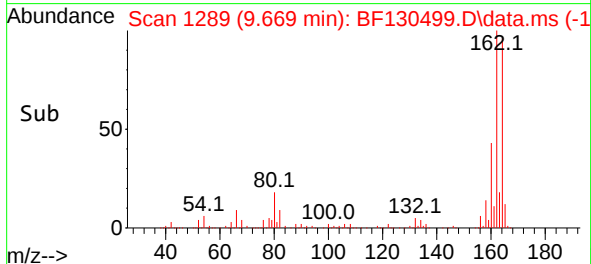
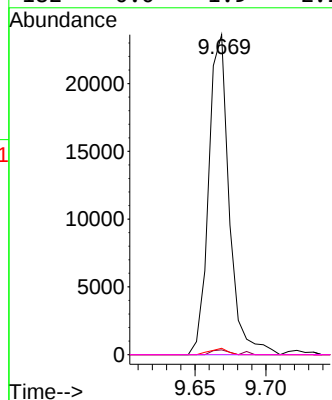
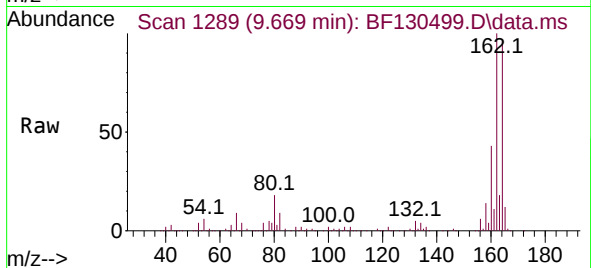




#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

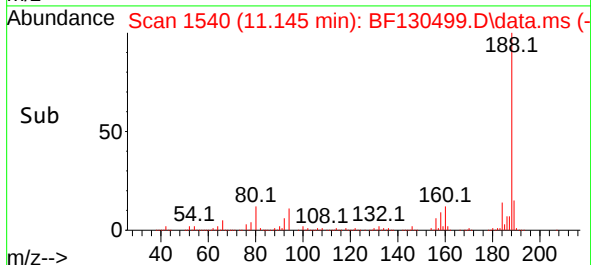
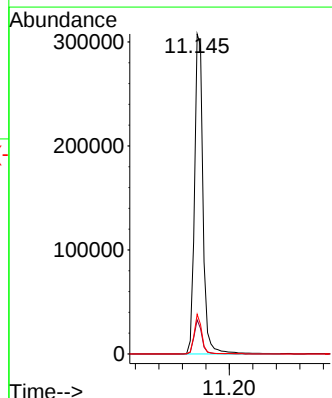
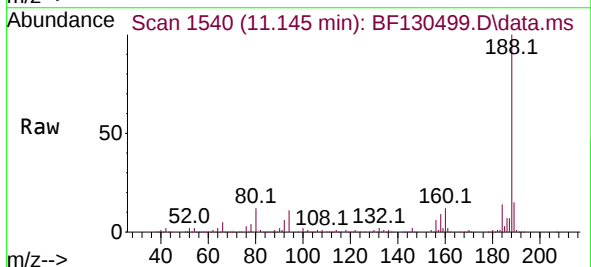
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

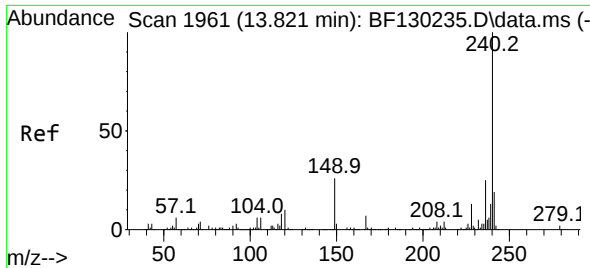
Tgt Ion:165 Resp: 23722
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 2.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

Tgt Ion:188 Resp: 306801
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.4 7.9 11.9#

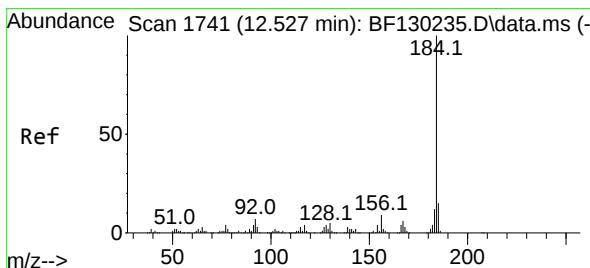
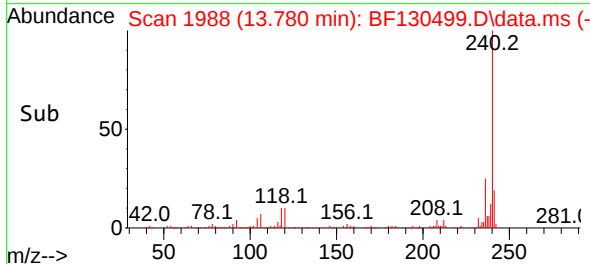
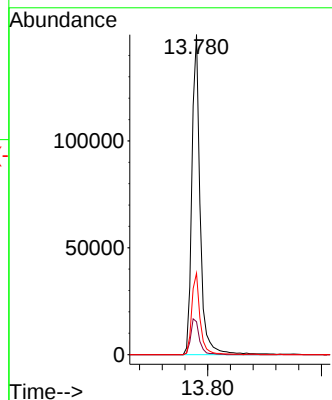
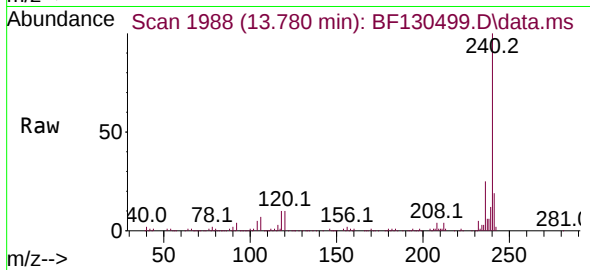




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

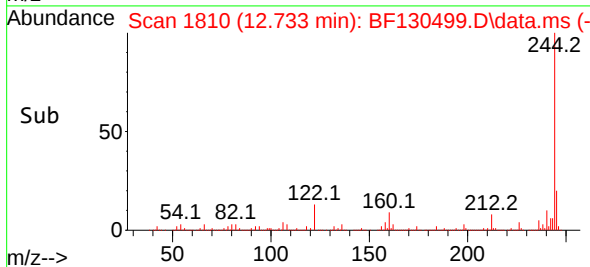
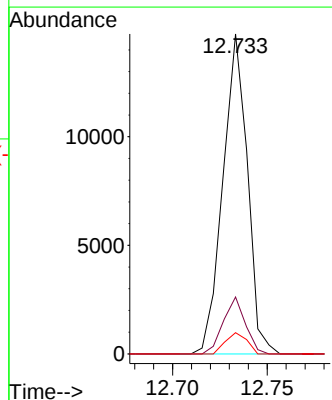
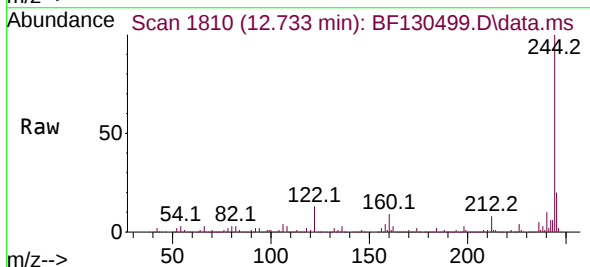
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-1

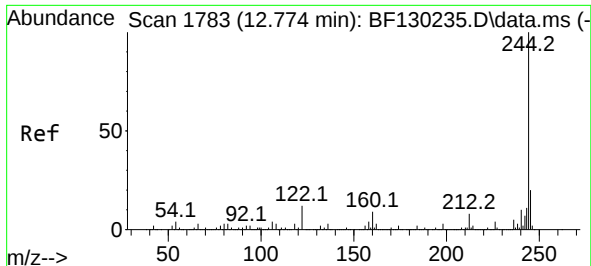
Tgt Ion:240 Resp: 150617
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 25.4 20.9 31.3



#77
Benzidine
Concen: 3.037 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.235 min
Lab File: BF130499.D
Acq: 03 Oct 2022 15:27

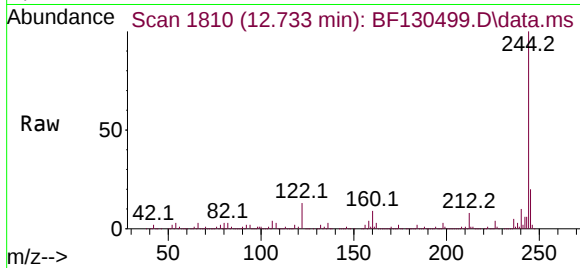
Tgt Ion:184 Resp: 13278
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 6.6 9.1 13.7#



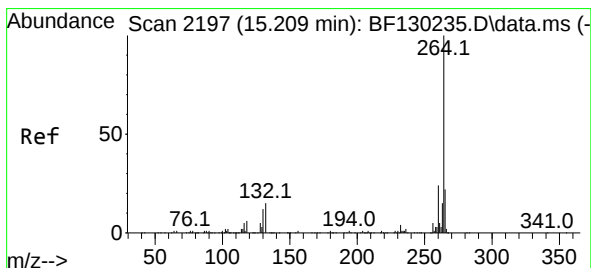
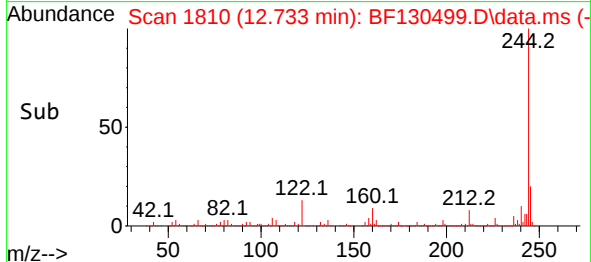
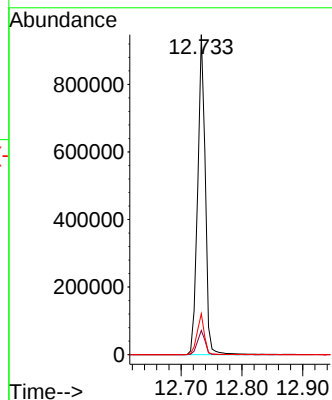


#79
 Terphenyl-d14
 Concen: 90.541 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130499.D
 Acq: 03 Oct 2022 15:27

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-1



Tgt Ion:244 Resp: 823250
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.8 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130499.D
 Acq: 03 Oct 2022 15:27

Tgt Ion:264 Resp: 148724
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 20.8 17.0 25.4

