

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138465.D
 Acq On : 05 Jul 2024 13:23
 Operator : CG\JU
 Sample : PB161920BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161920BL

Quant Time: Jul 05 13:48:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

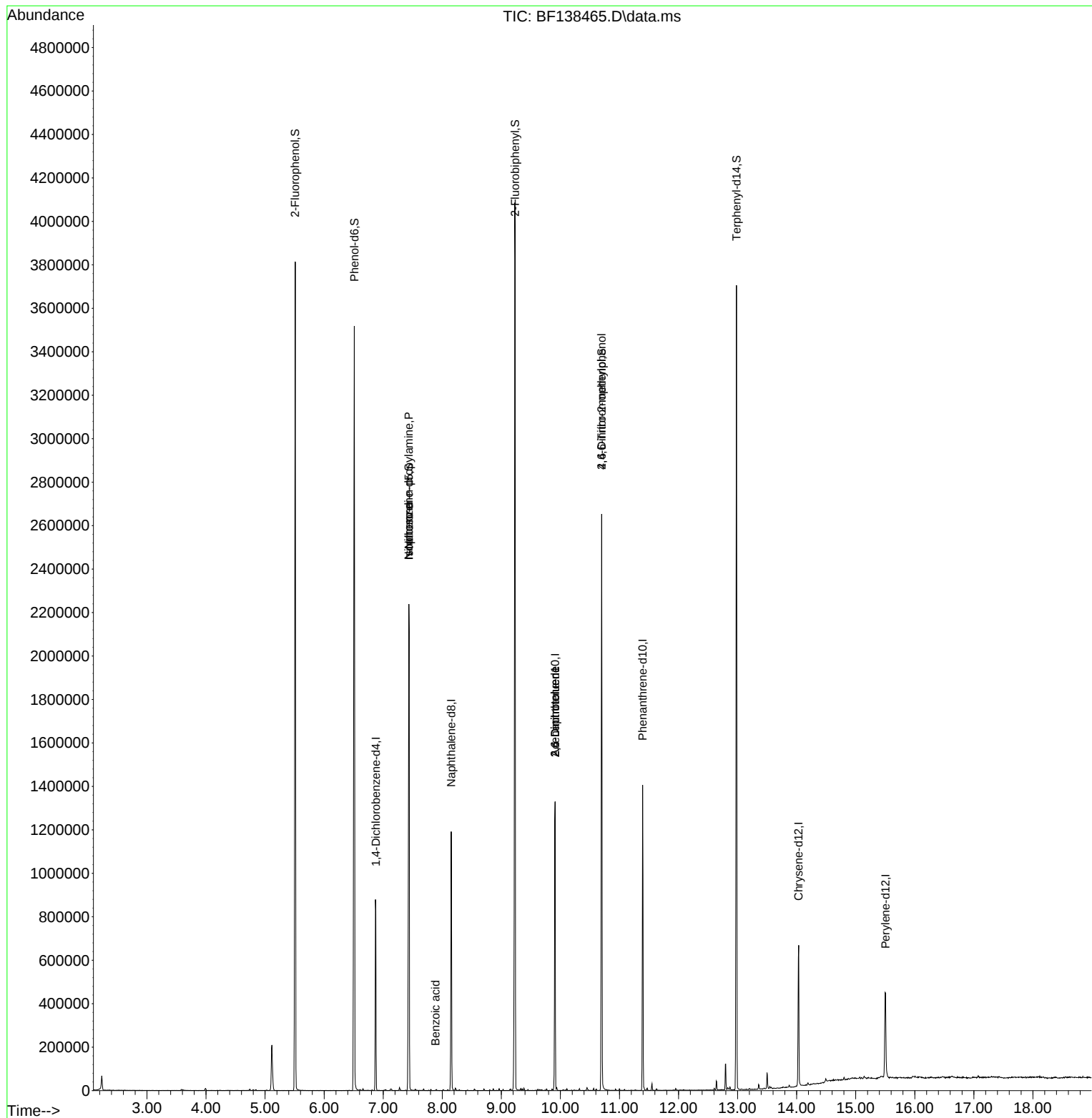
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118479	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	488443	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	279712	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	473312	20.000	ng	0.00
76) Chrysene-d12	14.033	240	213987	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	195570	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	909800	127.314	ng	0.01
7) Phenol-d6	6.510	99	1215377	126.253	ng	0.00
23) Nitrobenzene-d5	7.434	82	798552	84.929	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	275422	120.520	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1367047	77.780	ng	0.00
79) Terphenyl-d14	12.980	244	1227584	78.617	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	109851	18.101	ng	# 76
25) Isophorone	7.434	82	796287	45.929	ng	# 67
32) Benzoic acid	7.887	122	284	4.153	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	36021	8.947	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	36021	7.266	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	737	6.055	ng	# 1

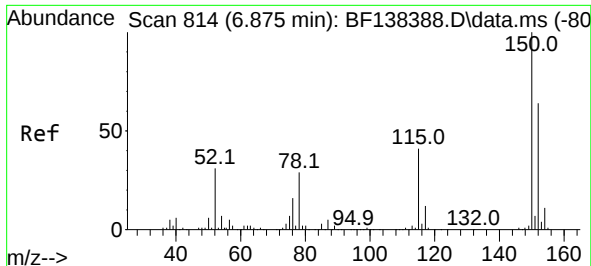
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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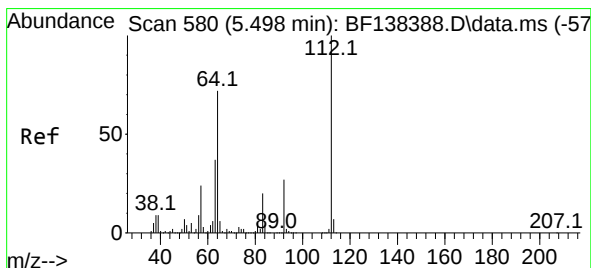
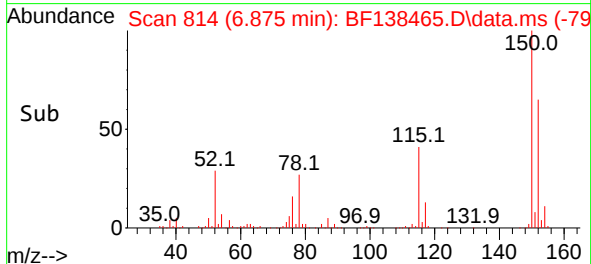
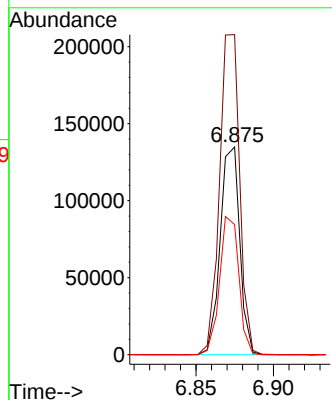
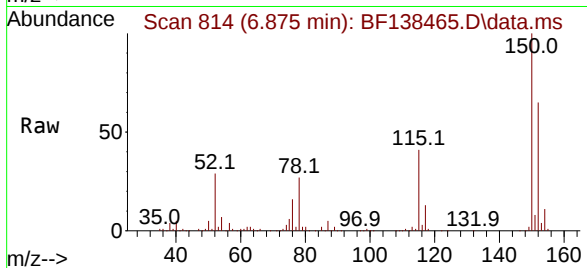




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF138465.D
 Acq: 05 Jul 2024 13:23

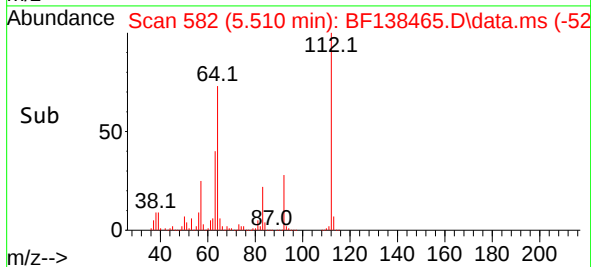
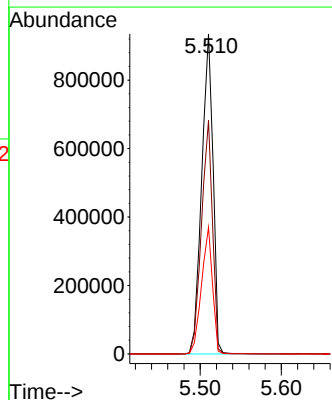
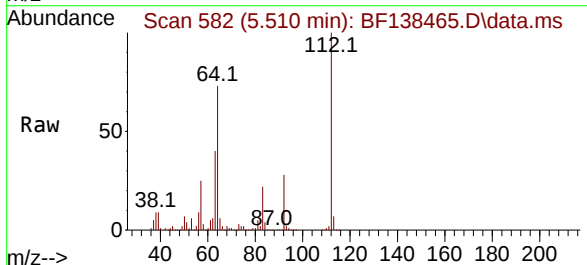
Instrument :
 BNA_F
 ClientSampleId :
 PB161920BL

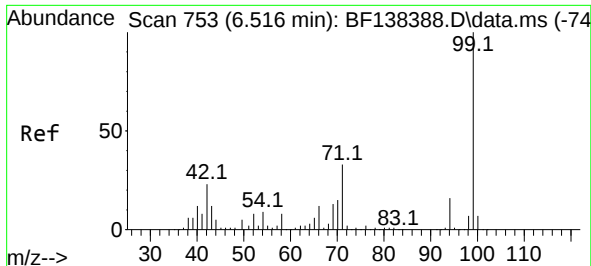
Tgt Ion:152 Resp: 118479
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 62.6 50.8 76.2



#5
 2-Fluorophenol
 Concen: 127.314 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: BF138465.D
 Acq: 05 Jul 2024 13:23

Tgt Ion:112 Resp: 909800
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.2 85.8
 63 39.6 29.4 44.0

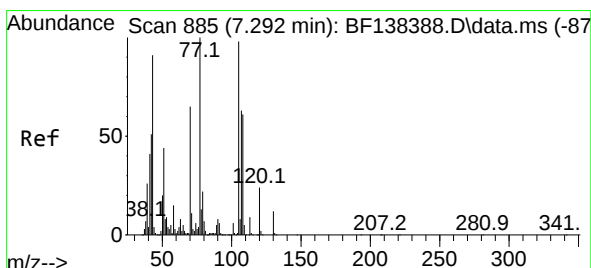
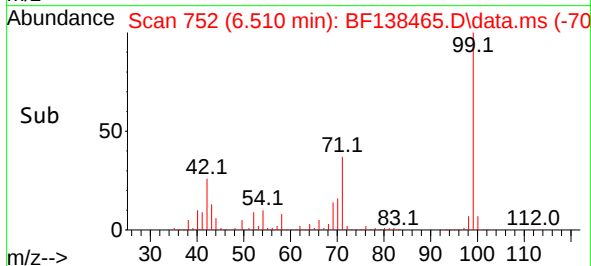
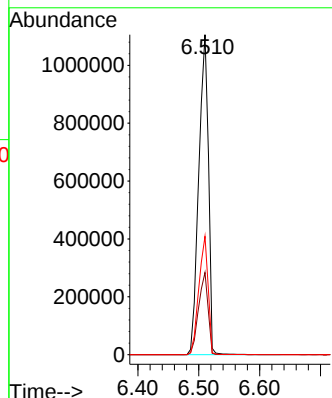
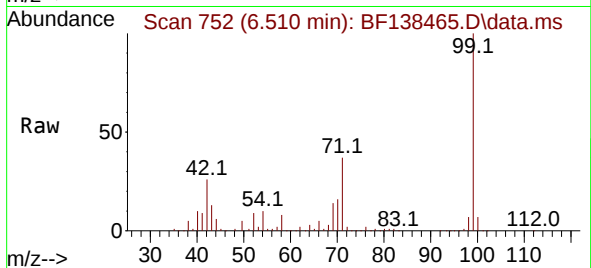




#7
Phenol-d6
Concen: 126.253 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

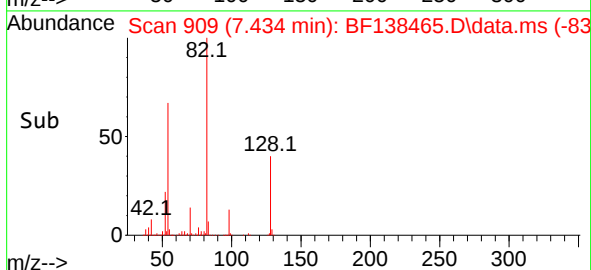
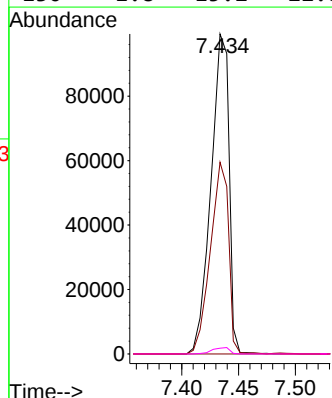
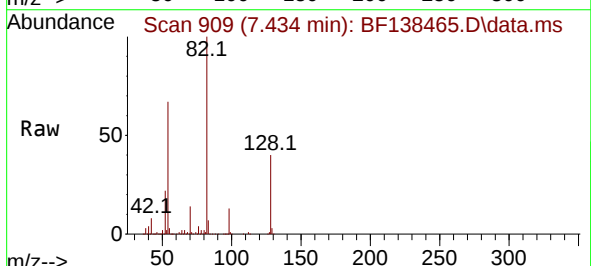
Instrument :
BNA_F
ClientSampleId :
PB161920BL

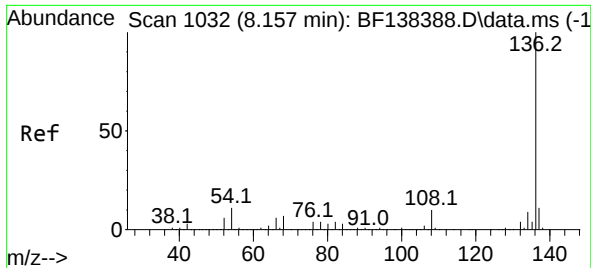
Tgt Ion: 99 Resp: 1215377
Ion Ratio Lower Upper
99 100
42 25.7 18.5 27.7
71 37.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.101 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

Tgt Ion: 70 Resp: 109851
Ion Ratio Lower Upper
70 100
42 59.9 62.5 93.7#
101 0.0 7.0 10.4#
130 1.8 15.2 22.8#

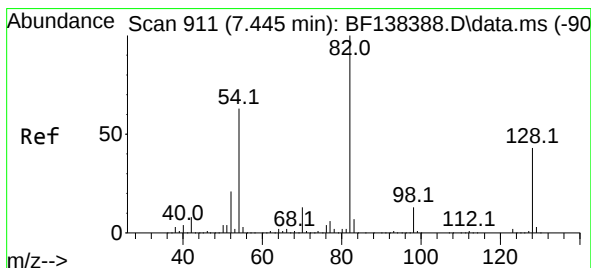
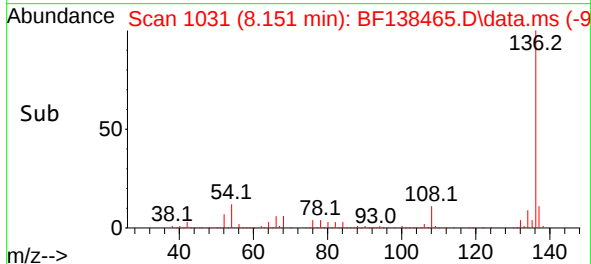
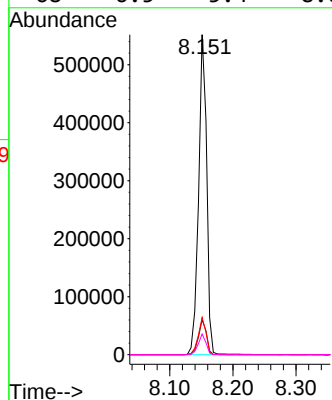
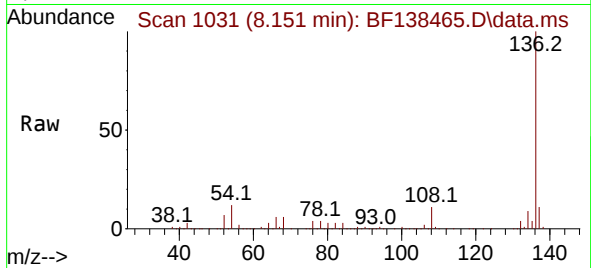




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

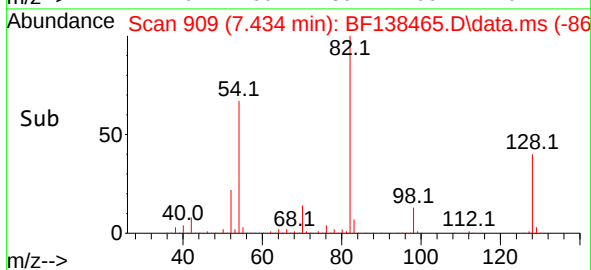
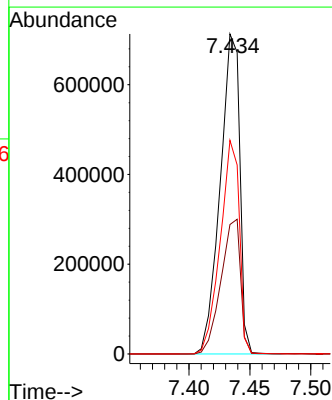
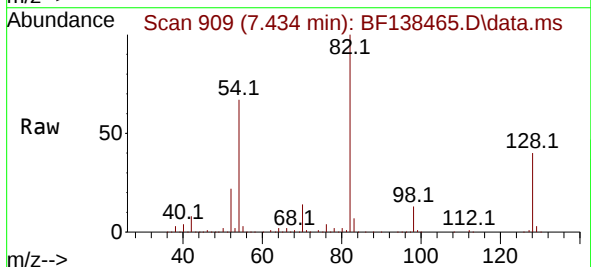
Instrument :
BNA_F
ClientSampleId :
PB161920BL

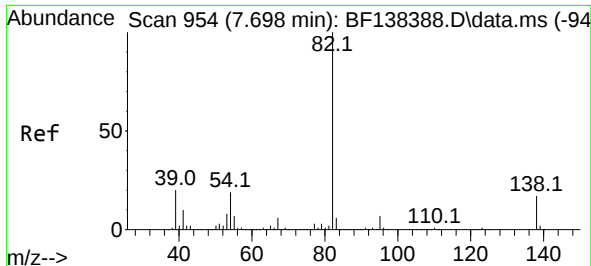
Tgt Ion:136 Resp: 488443
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.7 9.0 13.4
68 6.5 5.4 8.0



#23
Nitrobenzene-d5
Concen: 84.929 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

Tgt Ion: 82 Resp: 798552
Ion Ratio Lower Upper
82 100
128 40.4 34.6 52.0
54 66.8 50.5 75.7

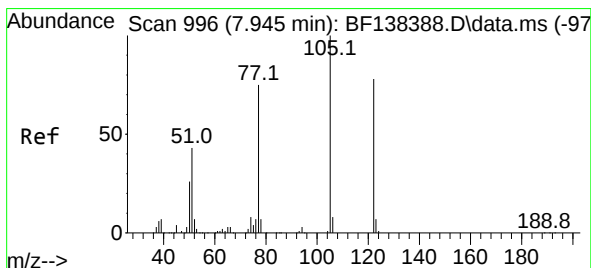
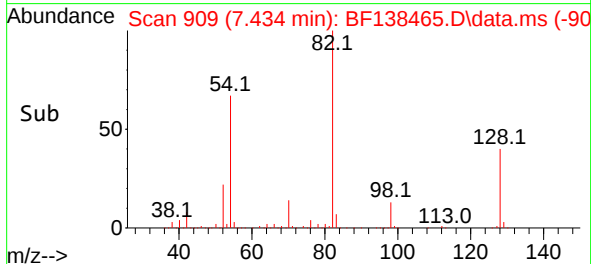
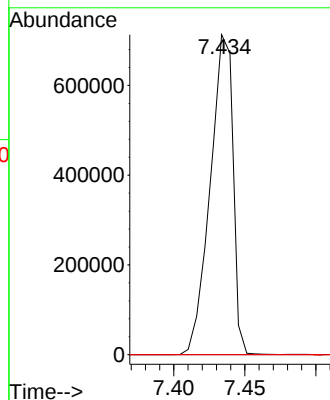
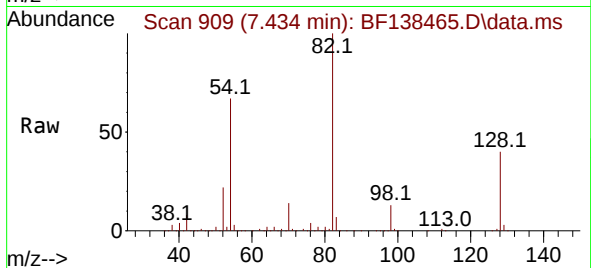




#25
Isophorone
Concen: 45.929 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

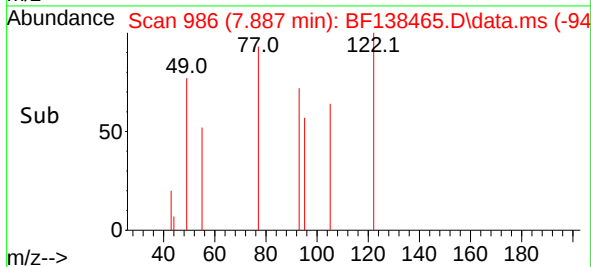
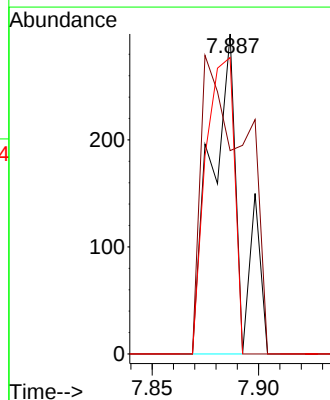
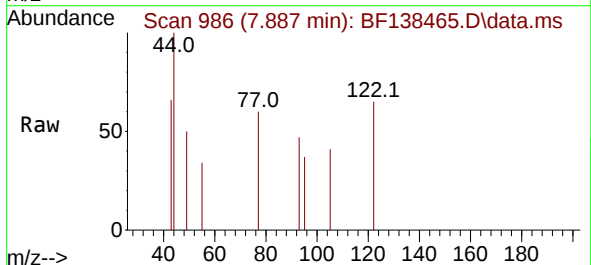
Instrument :
BNA_F
ClientSampleId :
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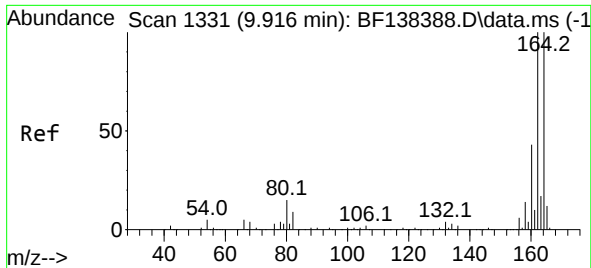
Tgt Ion: 82 Resp: 796287
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.153 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.058 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

Tgt Ion:122 Resp: 284
Ion Ratio Lower Upper
122 100
105 63.5 103.8 143.8#
77 92.6 74.3 114.3

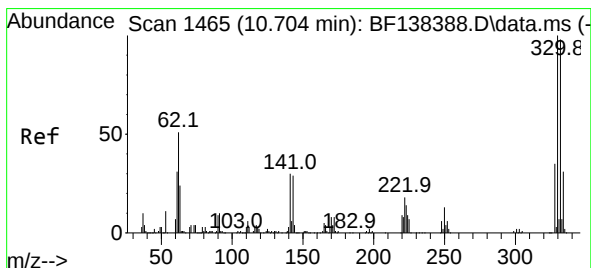
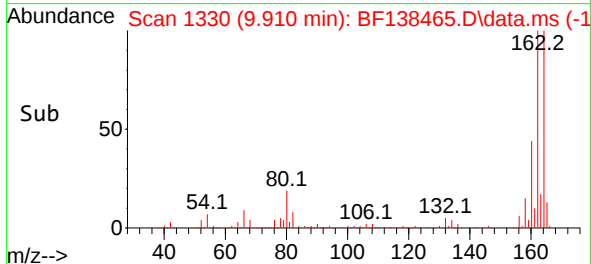
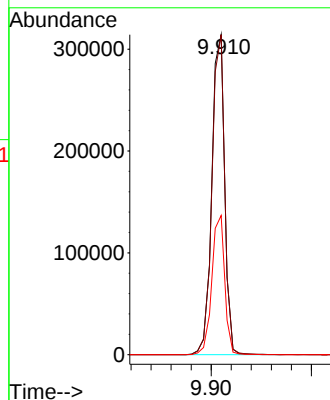
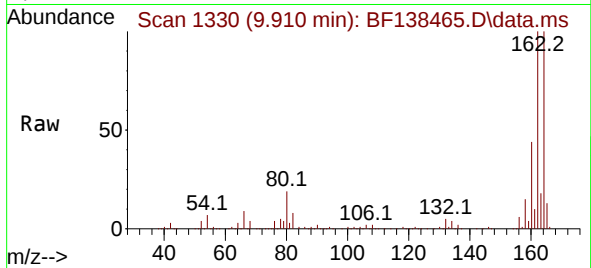




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

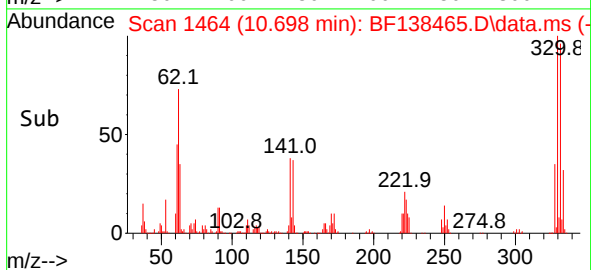
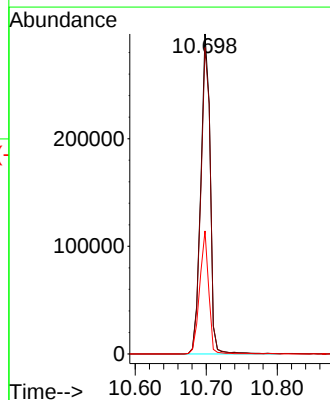
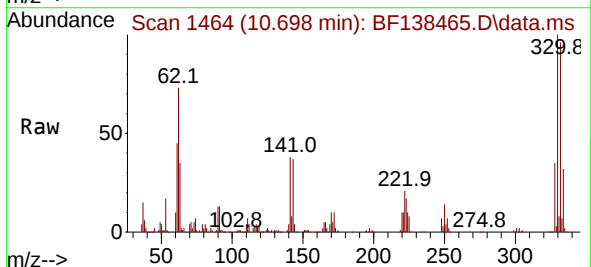
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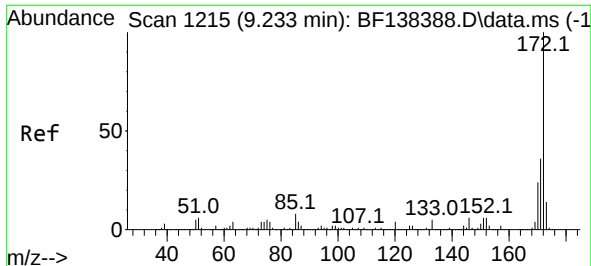
Tgt Ion:164 Resp: 279712
Ion Ratio Lower Upper
164 100
162 100.0 80.1 120.1
160 43.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 120.520 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

Tgt Ion:330 Resp: 275422
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 36.6 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 77.780 ng

RT: 9.234 min Scan# 1330

Delta R.T. 0.001 min

Lab File: BF138465.D

Acq: 05 Jul 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB161920BL

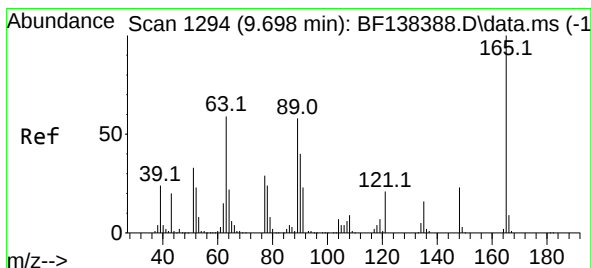
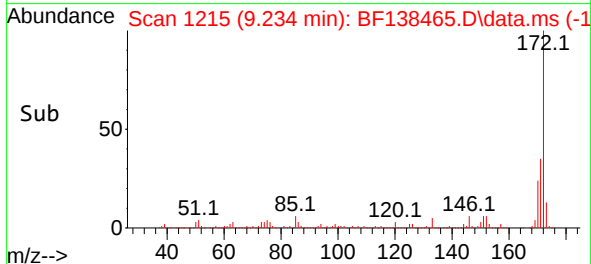
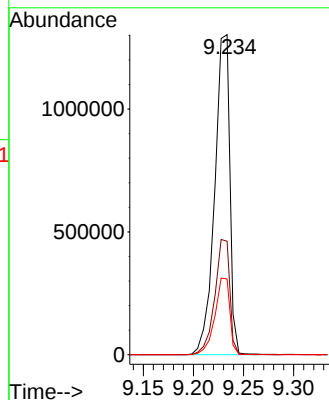
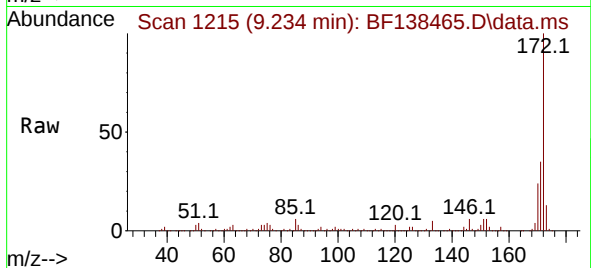
Tgt Ion:172 Resp: 1367047

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.947 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF138465.D

Acq: 05 Jul 2024 13:23

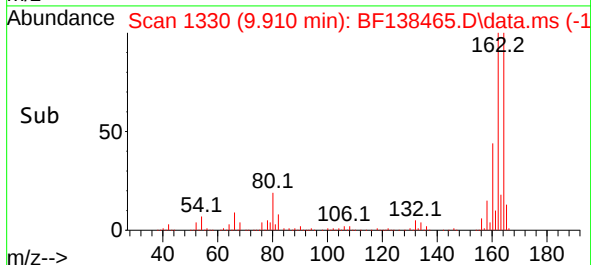
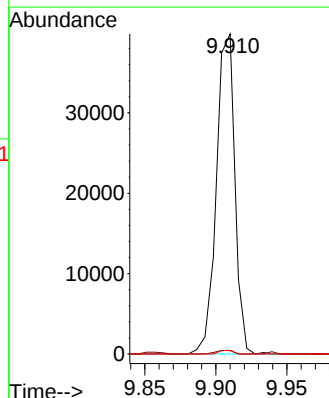
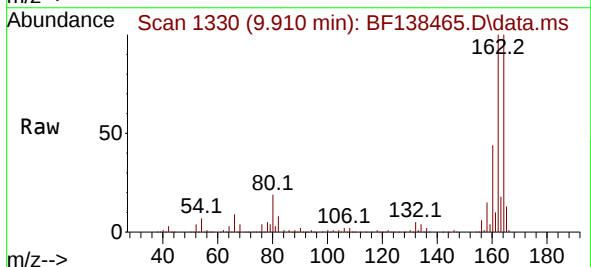
Tgt Ion:165 Resp: 36021

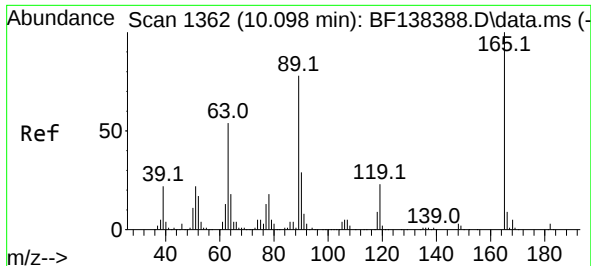
Ion Ratio Lower Upper

165 100

63 1.1 53.8 80.8#

89 1.2 46.4 69.6#

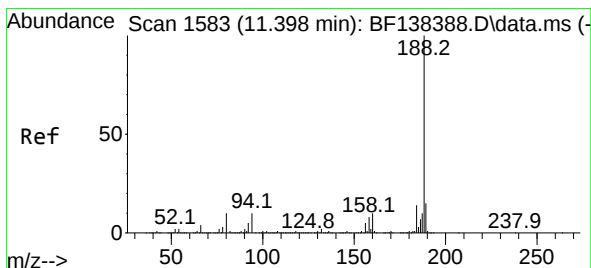
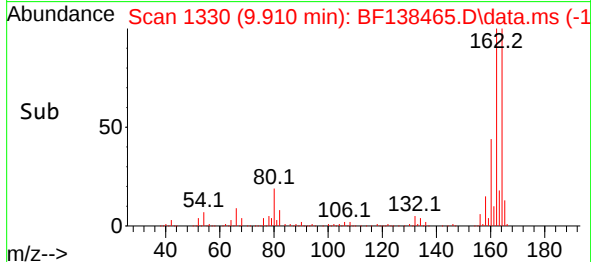
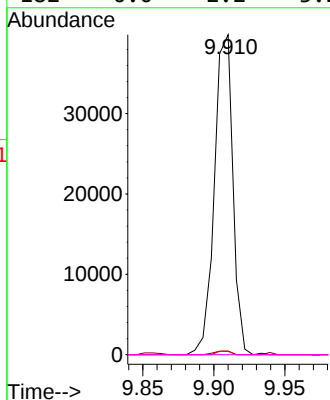
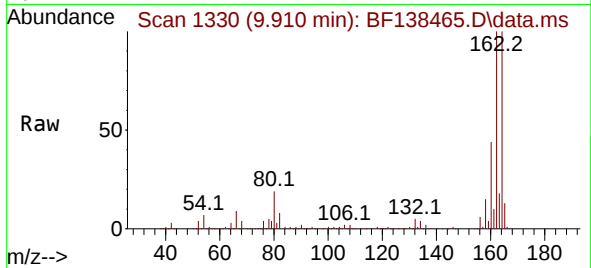




#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

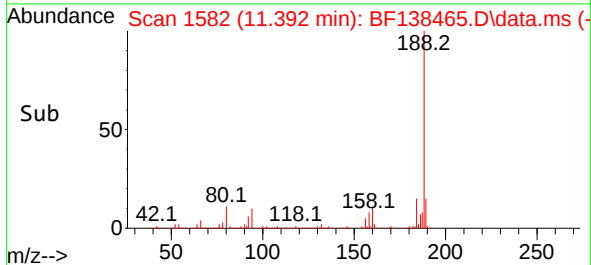
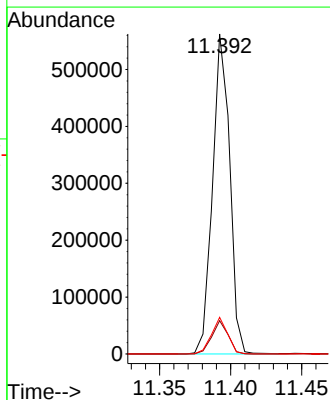
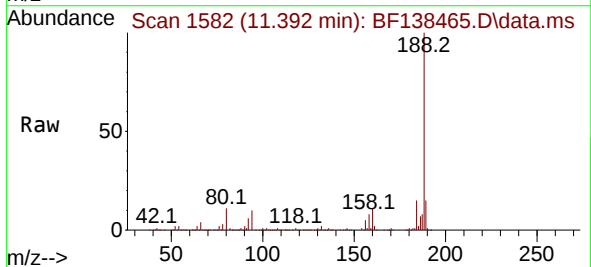
Instrument :
BNA_F
ClientSampleId :
PB161920BL

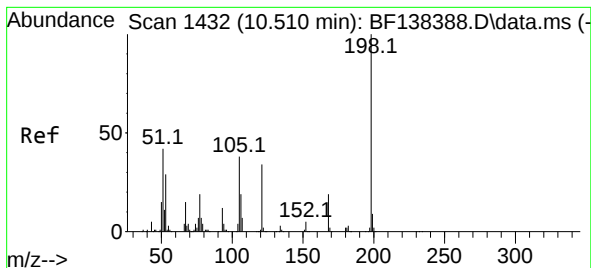
Tgt Ion:165 Resp: 36021
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

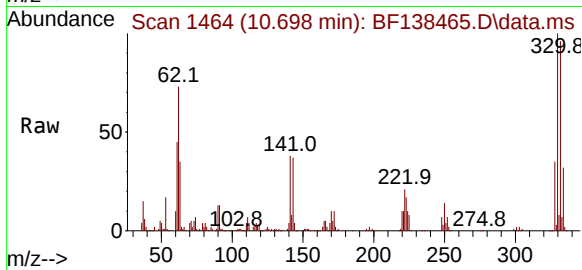
Tgt Ion:188 Resp: 473312
Ion Ratio Lower Upper
188 100
94 10.4 8.0 12.0
80 11.4 8.2 12.4



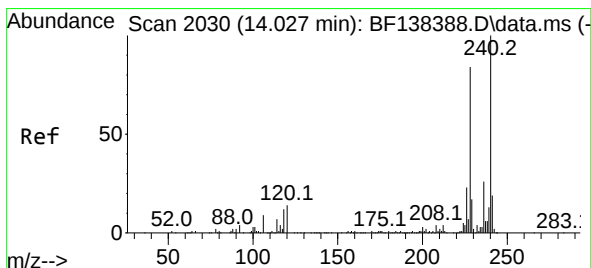
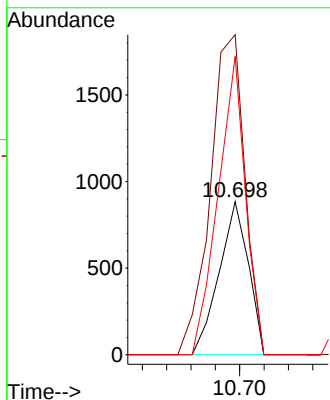
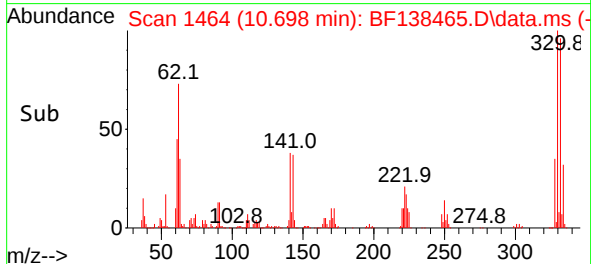


#65
4,6-Dinitro-2-methylphenol
Concen: 6.055 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23

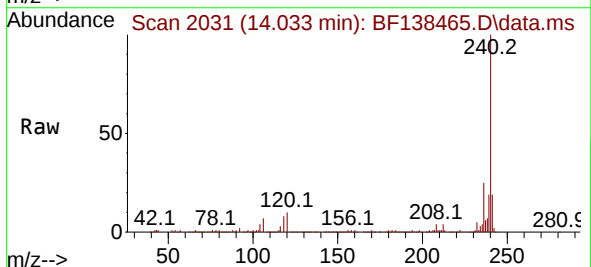
Instrument :
BNA_F
ClientSampleId :
PB161920BL



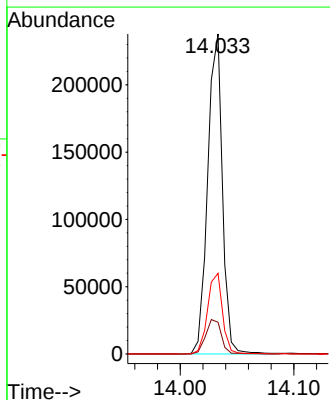
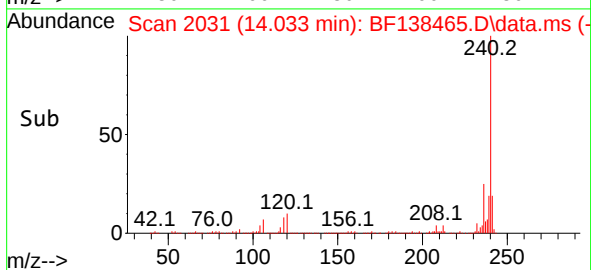
Tgt Ion:198 Resp: 737
Ion Ratio Lower Upper
198 100
51 209.0 27.9 67.9#
105 194.8 18.2 58.2#

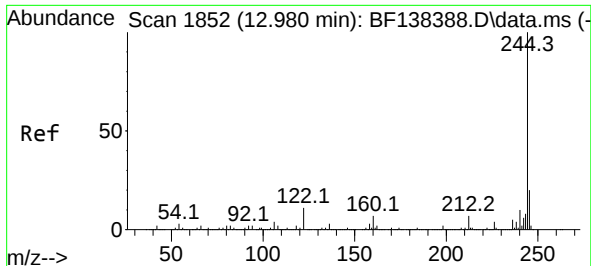


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138465.D
Acq: 05 Jul 2024 13:23



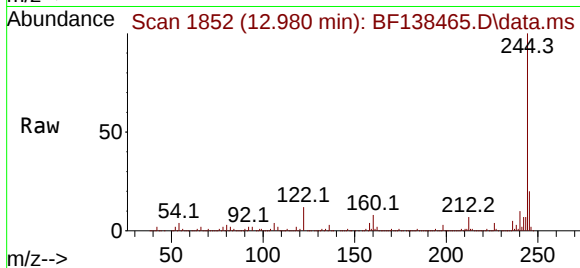
Tgt Ion:240 Resp: 213987
Ion Ratio Lower Upper
240 100
120 9.9 10.9 16.3#
236 25.2 20.6 30.8



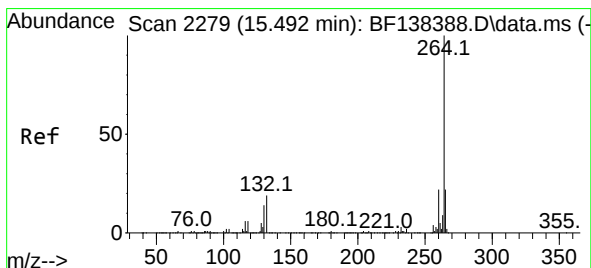
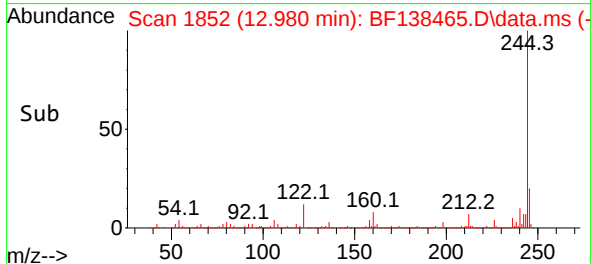
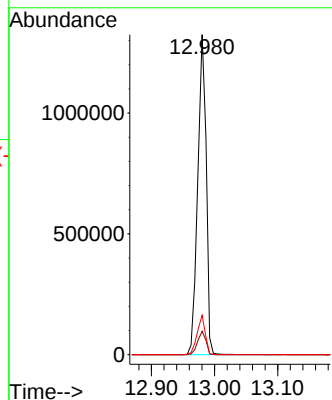


#79
 Terphenyl-d14
 Concen: 78.617 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138465.D
 Acq: 05 Jul 2024 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB161920BL



Tgt Ion:244 Resp: 1227584
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF138465.D
 Acq: 05 Jul 2024 13:23

Tgt Ion:264 Resp: 195570
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.6
 265 21.1 17.5 26.3

