

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130182.D
 Acq On : 08 Sep 2022 17:07
 Operator : CG\JU
 Sample : N4530-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Quant Time: Sep 09 01:06:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

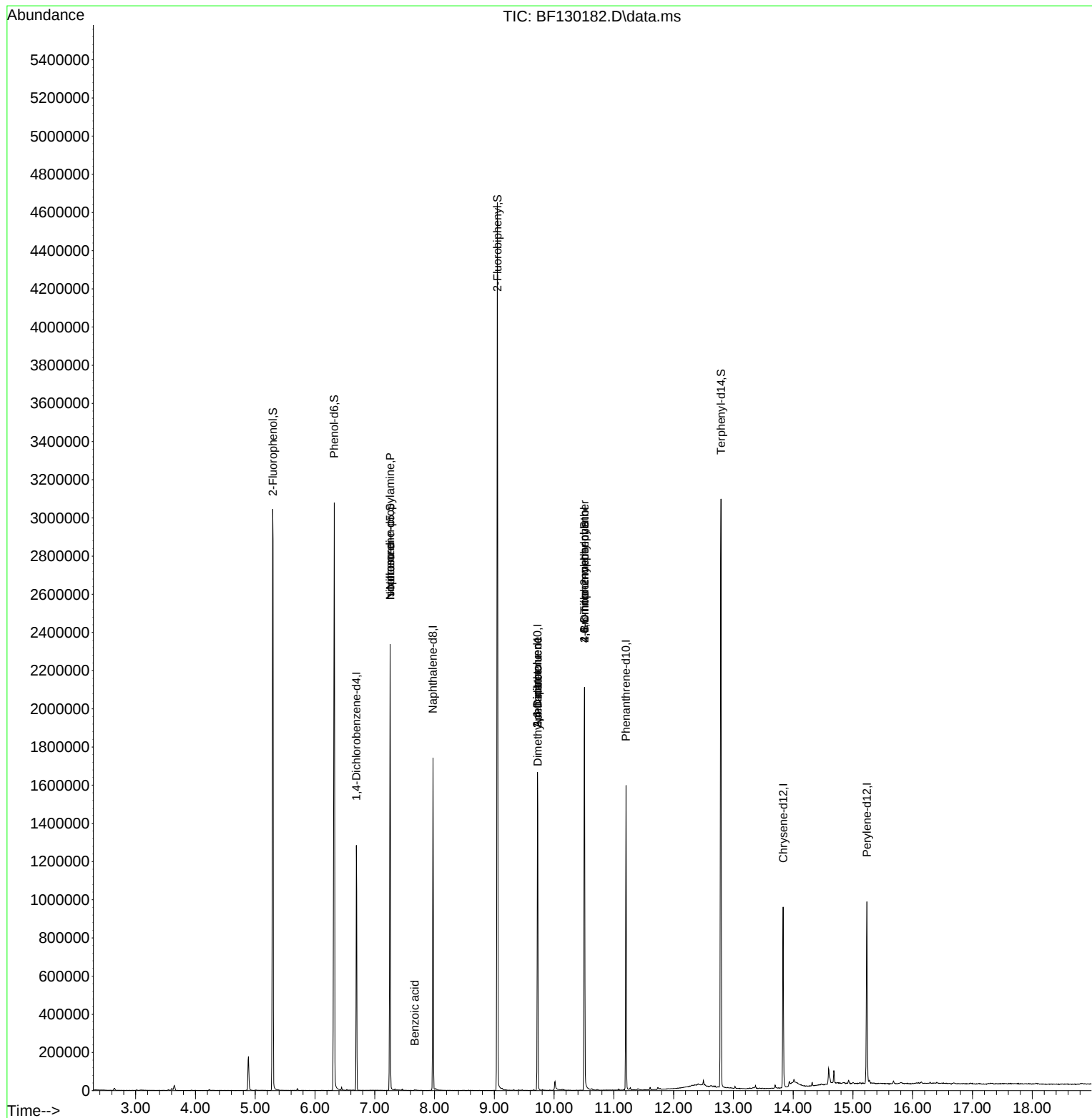
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	184017	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	706761	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	355670	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	512171	20.000	ng	0.00
76) Chrysene-d12	13.833	240	310301	20.000	ng	-0.01
86) Perylene-d12	15.233	264	385609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	991580	91.478	ng	0.00
7) Phenol-d6	6.322	99	1216953	90.053	ng	-0.01
23) Nitrobenzene-d5	7.257	82	725011	65.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	248706	76.818	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1403017	65.402	ng	0.00
79) Terphenyl-d14	12.792	244	1049001	58.624	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	93169	11.444	ng	# 75
25) Isophorone	7.257	82	720582	32.373	ng	# 65
32) Benzoic acid	7.669	122	841	6.667	ng	# 71
50) Dimethylphthalate	9.728	163	65512	2.704	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	45797	9.696	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	45797	8.422	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	481	6.254	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	15246	2.676	ng	# 1

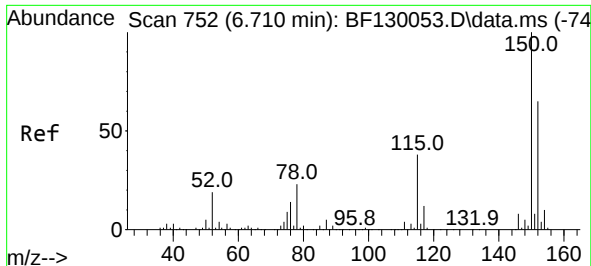
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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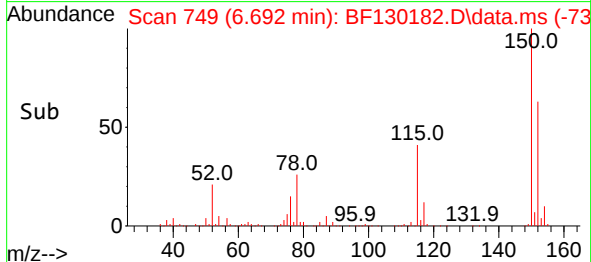
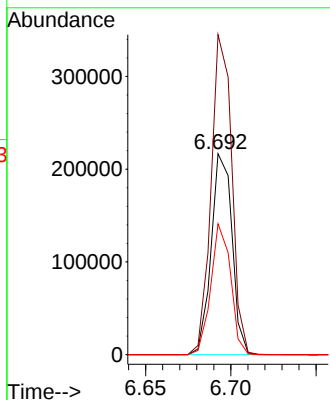
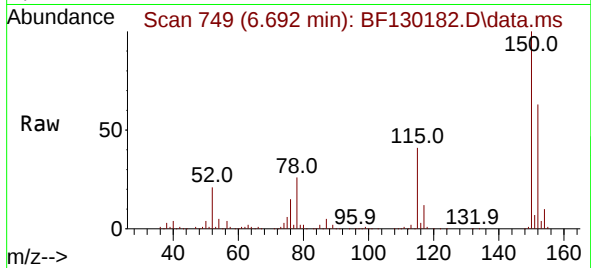




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130182.D
 Acq: 08 Sep 2022 17:07

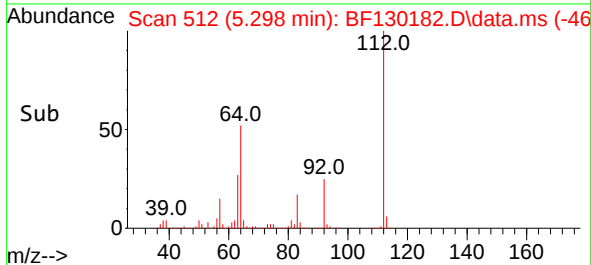
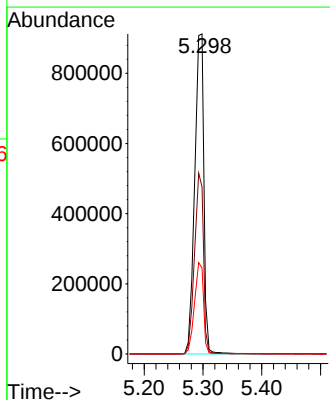
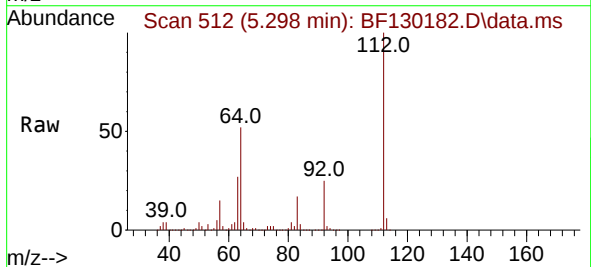
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:152 Resp: 184017
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.9 190.3
 115 65.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 91.478 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130182.D
 Acq: 08 Sep 2022 17:07

Tgt Ion:112 Resp: 991580
 Ion Ratio Lower Upper
 112 100
 64 52.2 47.6 71.4
 63 26.8 24.6 37.0

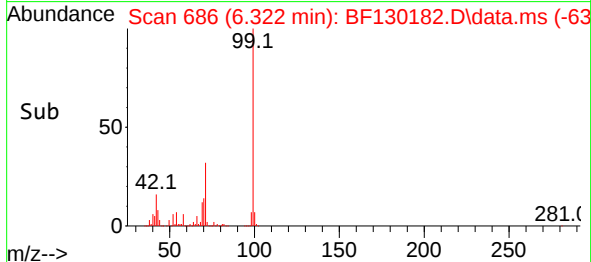
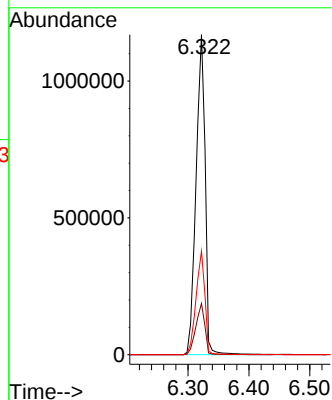
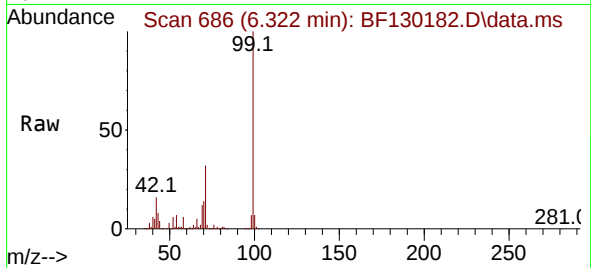




#7
Phenol-d6
Concen: 90.053 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

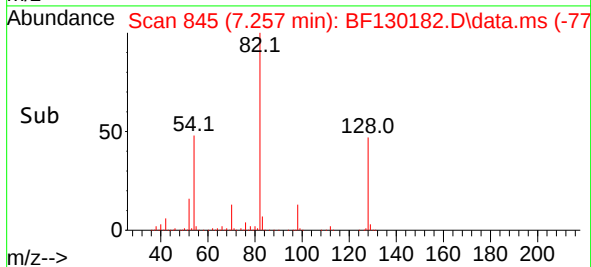
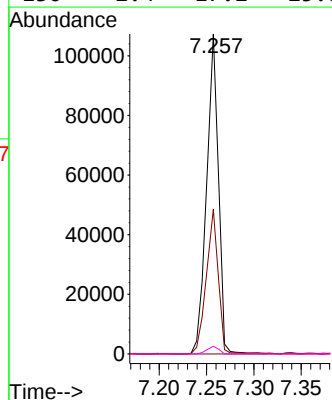
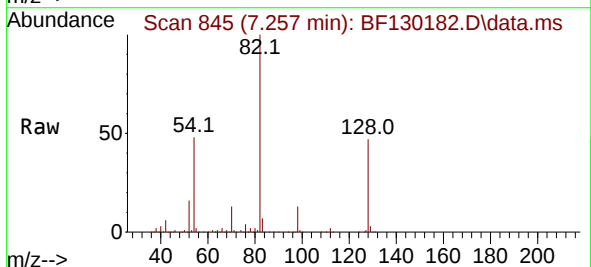
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ClientSampleId :
SB-22-COMP

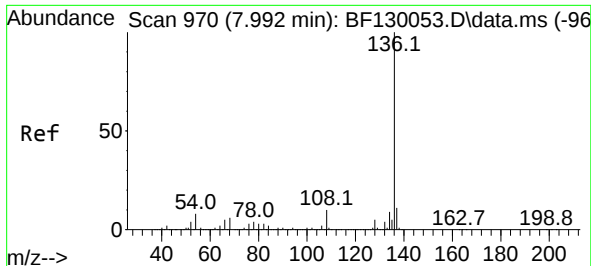
Tgt Ion: 99 Resp: 1216953
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 32.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.444 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Tgt Ion: 70 Resp: 93169
Ion Ratio Lower Upper
70 100
42 45.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

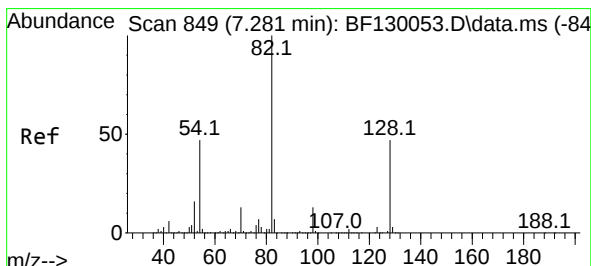
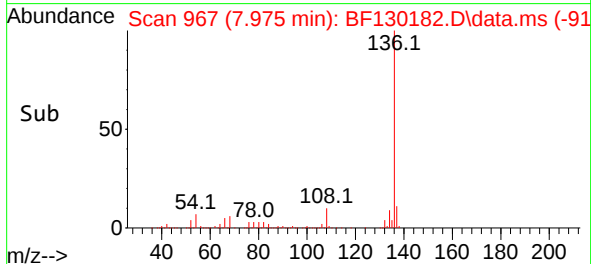
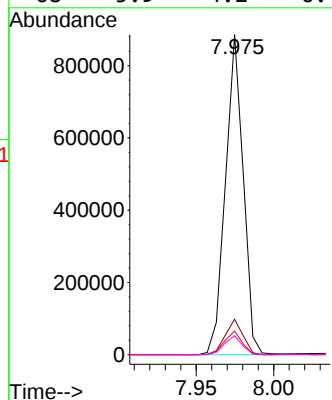
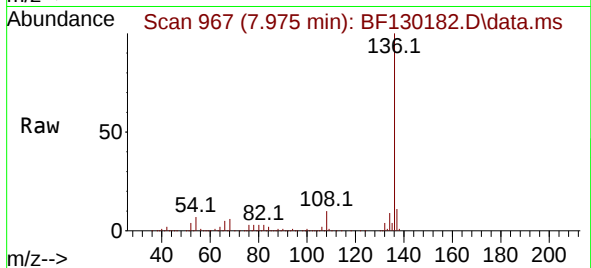




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

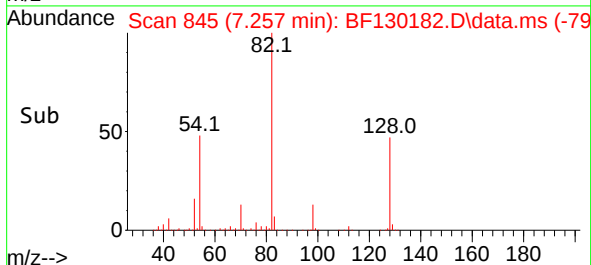
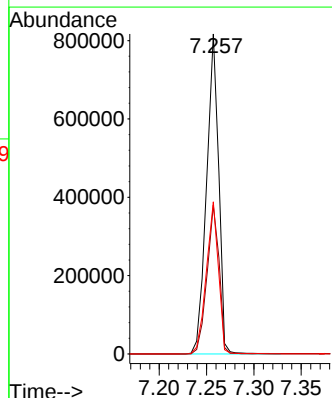
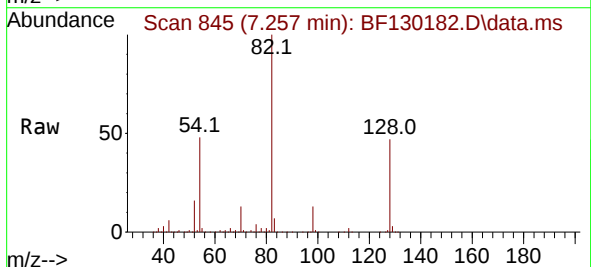
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:136 Resp: 706761
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 5.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 65.926 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Tgt Ion: 82 Resp: 725011
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 47.6 40.0 60.0

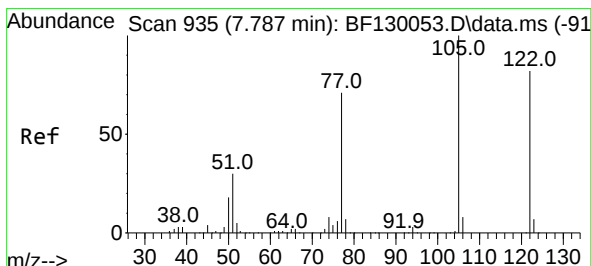
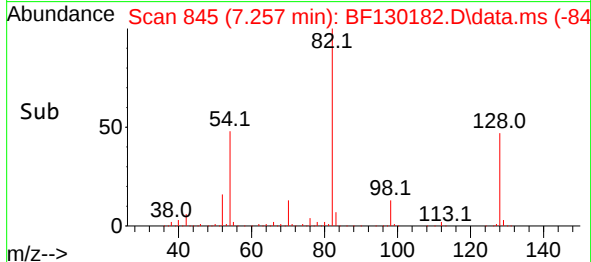
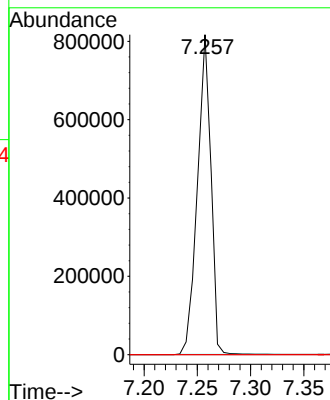
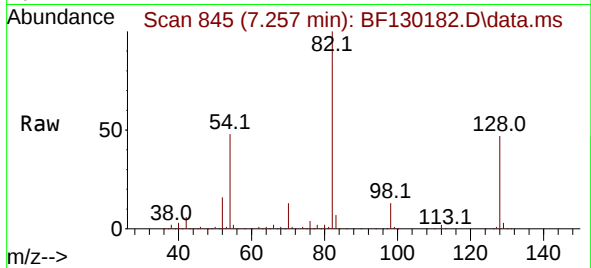




#25
Isophorone
Concen: 32.373 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

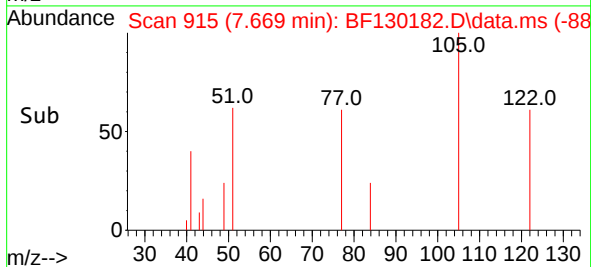
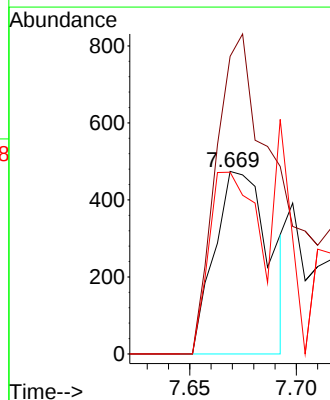
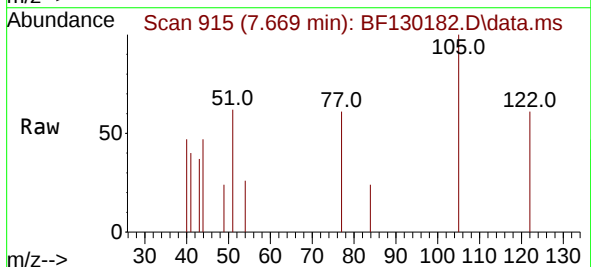
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion: 82 Resp: 720582
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.667 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.100 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Tgt Ion: 122 Resp: 841
Ion Ratio Lower Upper
122 100
105 163.1 99.9 139.9#
77 99.6 65.9 105.9

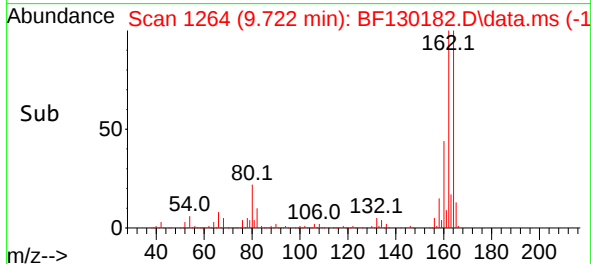
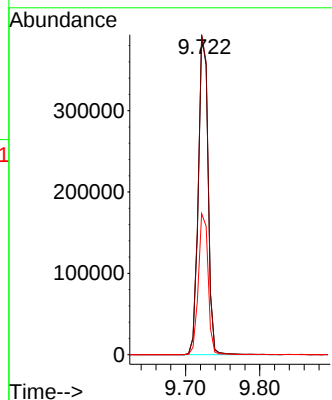
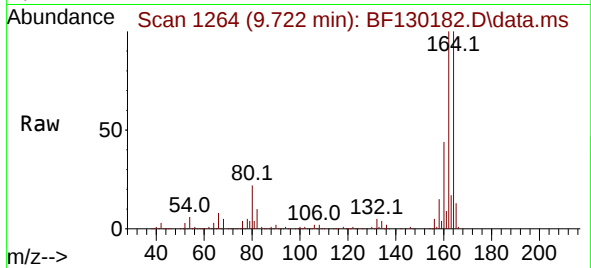




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.722 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130182.D
 Acq: 08 Sep 2022 17:07

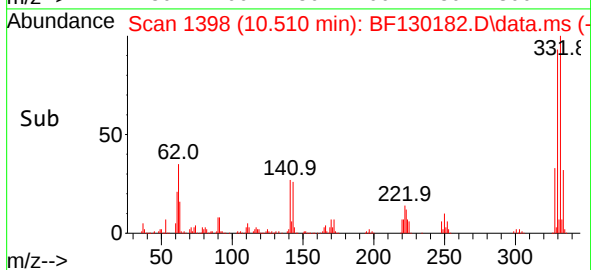
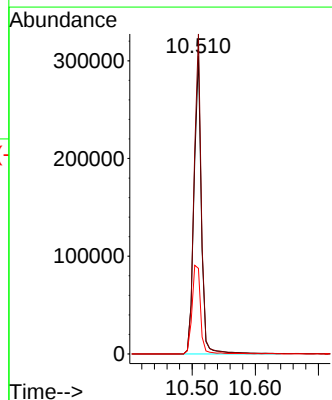
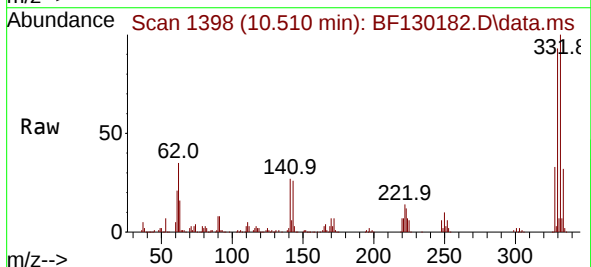
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

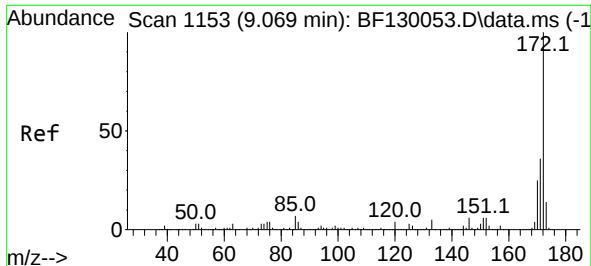
Tgt Ion:164 Resp: 355670
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.0 123.0
 160 44.2 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 76.818 ng
 RT: 10.510 min Scan# 1398
 Delta R.T. -0.012 min
 Lab File: BF130182.D
 Acq: 08 Sep 2022 17:07

Tgt Ion:330 Resp: 248706
 Ion Ratio Lower Upper
 330 100
 332 105.1 82.6 124.0
 141 34.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 65.402 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130182.D

Acq: 08 Sep 2022 17:07

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

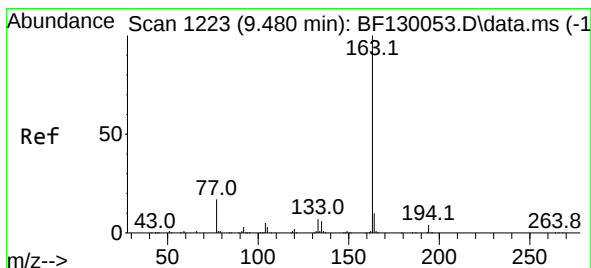
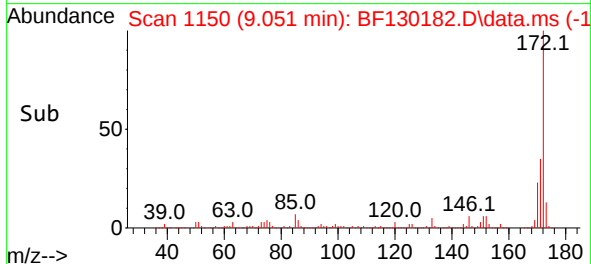
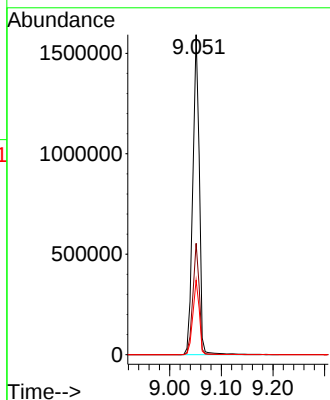
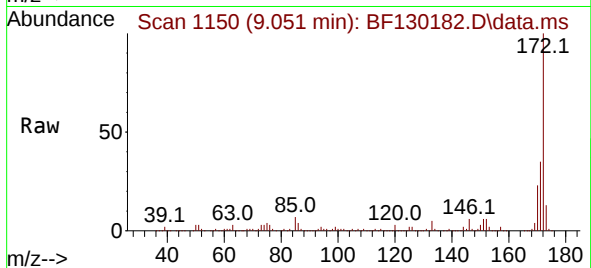
Tgt Ion:172 Resp: 1403017

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.704 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130182.D

Acq: 08 Sep 2022 17:07

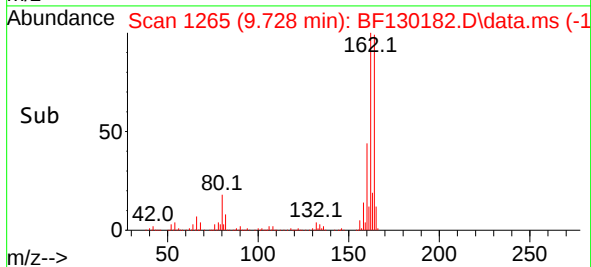
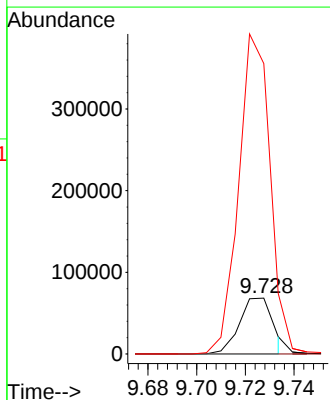
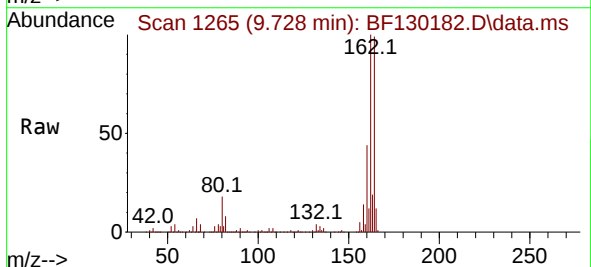
Tgt Ion:163 Resp: 65512

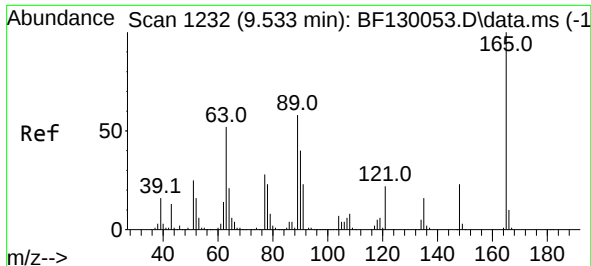
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 520.5 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.696 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130182.D

Acq: 08 Sep 2022 17:07

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

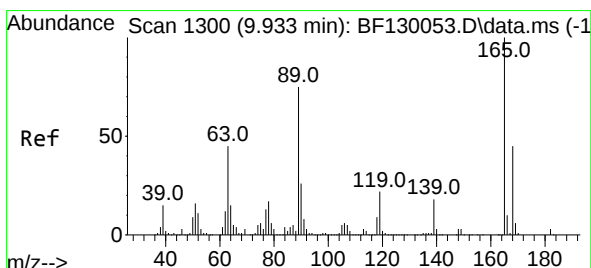
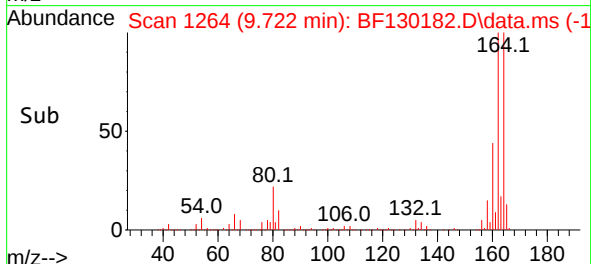
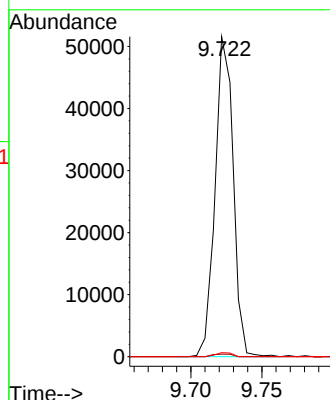
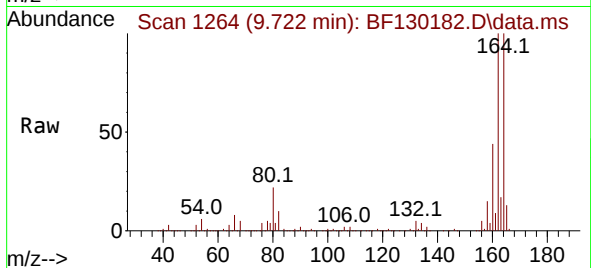
Tgt Ion:165 Resp: 45797

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.422 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130182.D

Acq: 08 Sep 2022 17:07

Tgt Ion:165 Resp: 45797

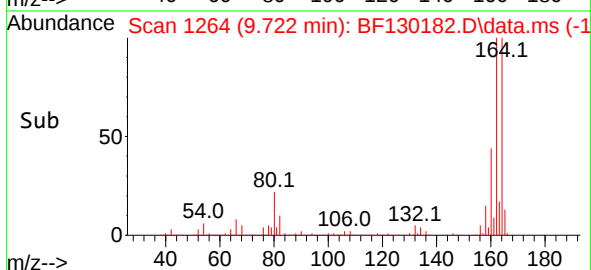
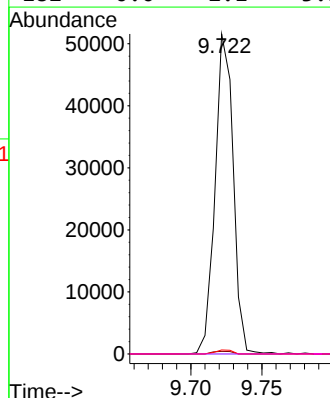
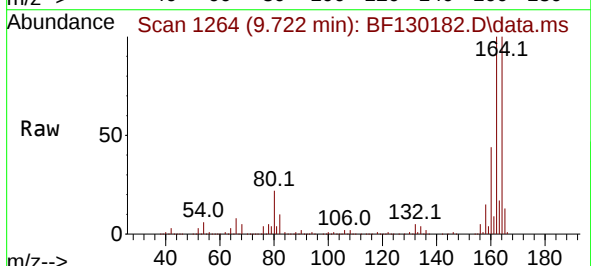
Ion Ratio Lower Upper

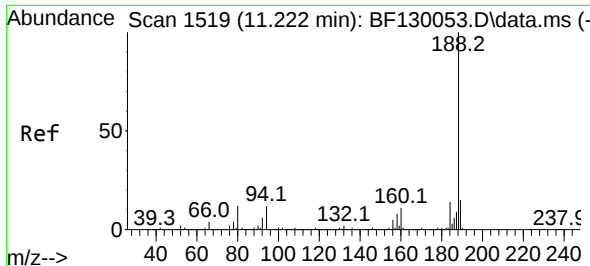
165 100

63 0.8 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

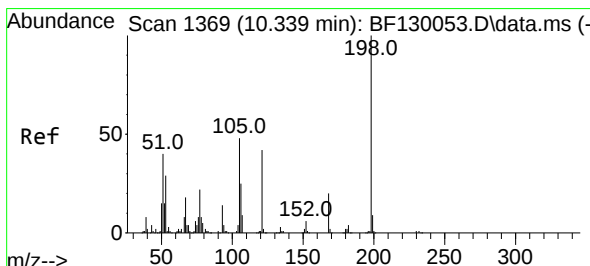
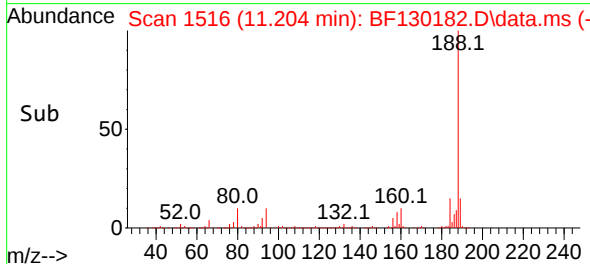
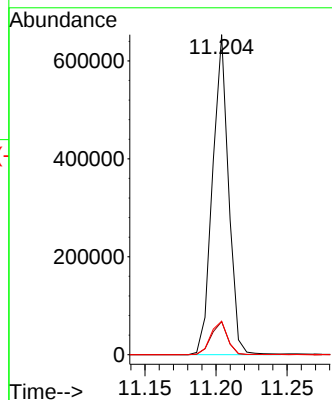
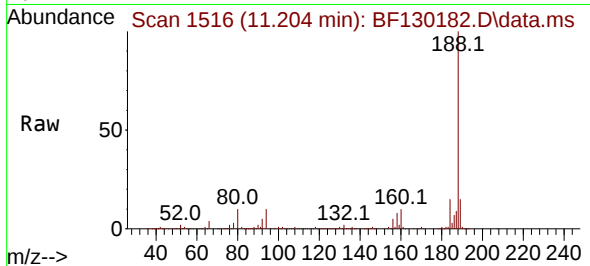




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

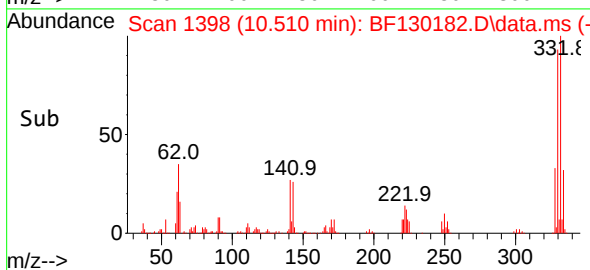
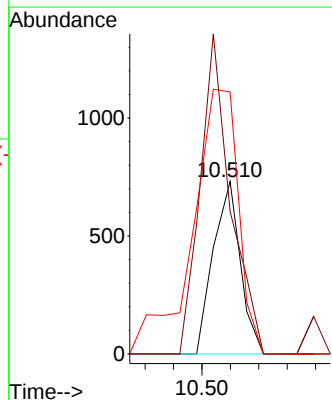
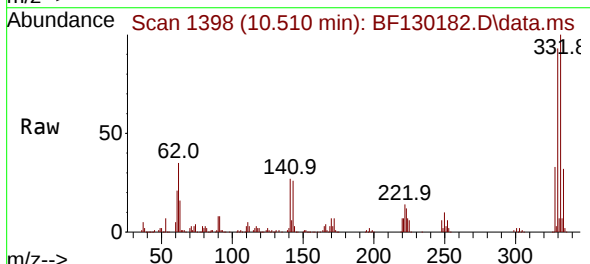
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

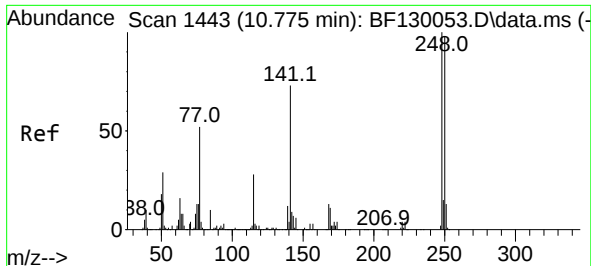
Tgt Ion:188 Resp: 512171
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.4 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.254 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Tgt Ion:198 Resp: 481
Ion Ratio Lower Upper
198 100
51 82.6 29.4 69.4#
105 152.0 29.2 69.2#

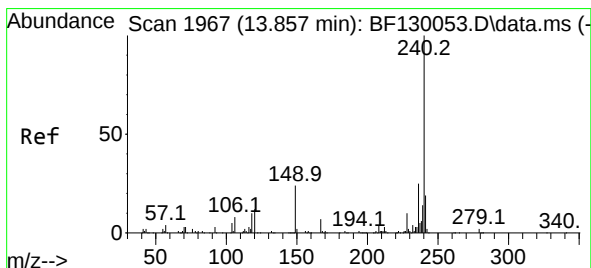
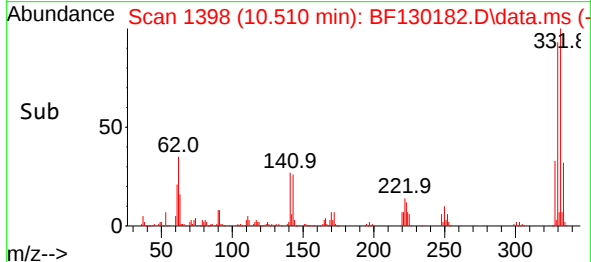
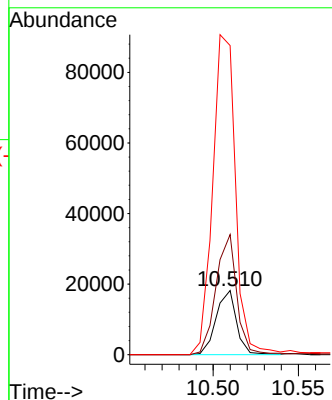
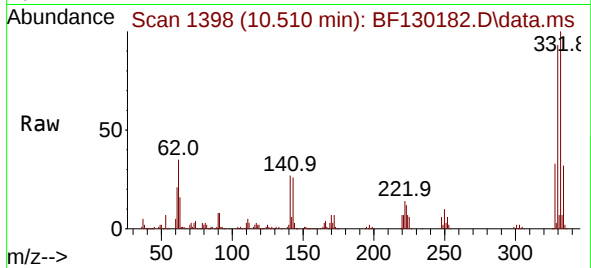




#67
4-Bromophenyl-phenylether
Concen: 2.676 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

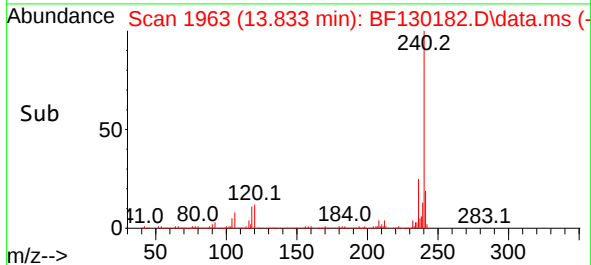
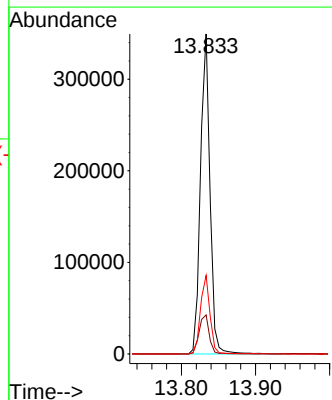
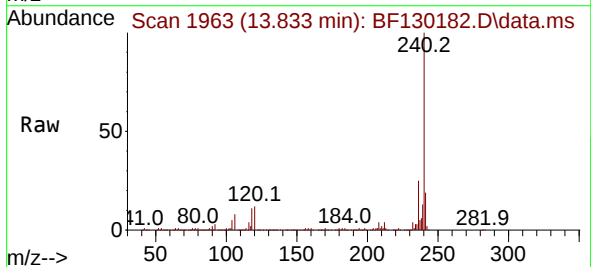
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

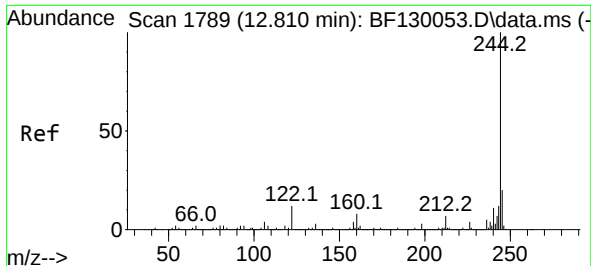
Tgt Ion:248 Resp: 15246
Ion Ratio Lower Upper
248 100
250 187.2 77.8 116.6#
141 481.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

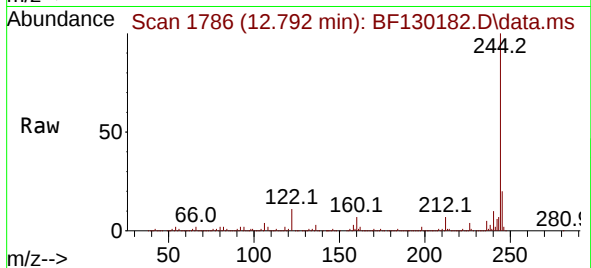
Tgt Ion:240 Resp: 310301
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 24.6 20.7 31.1



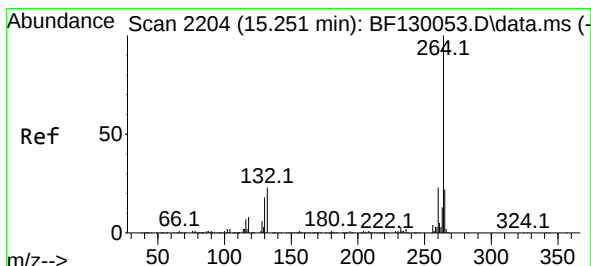
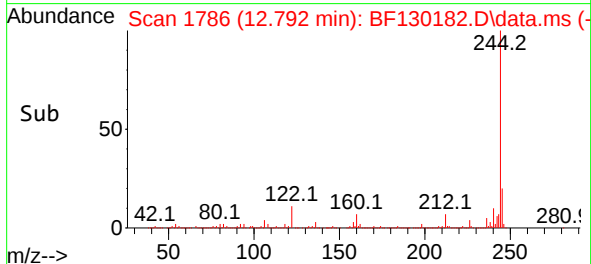
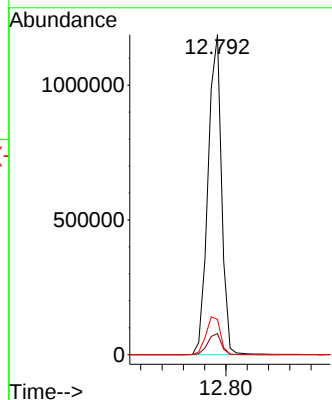


#79
Terphenyl-d14
Concen: 58.624 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP



Tgt Ion:244 Resp: 1049001
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.0 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130182.D
Acq: 08 Sep 2022 17:07

Tgt Ion:264 Resp: 385609
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 21.0 16.7 25.1

