

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130150.D
 Acq On : 06 Sep 2022 21:58
 Operator : CG\JU
 Sample : N4500-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Sep 07 02:19:21 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)

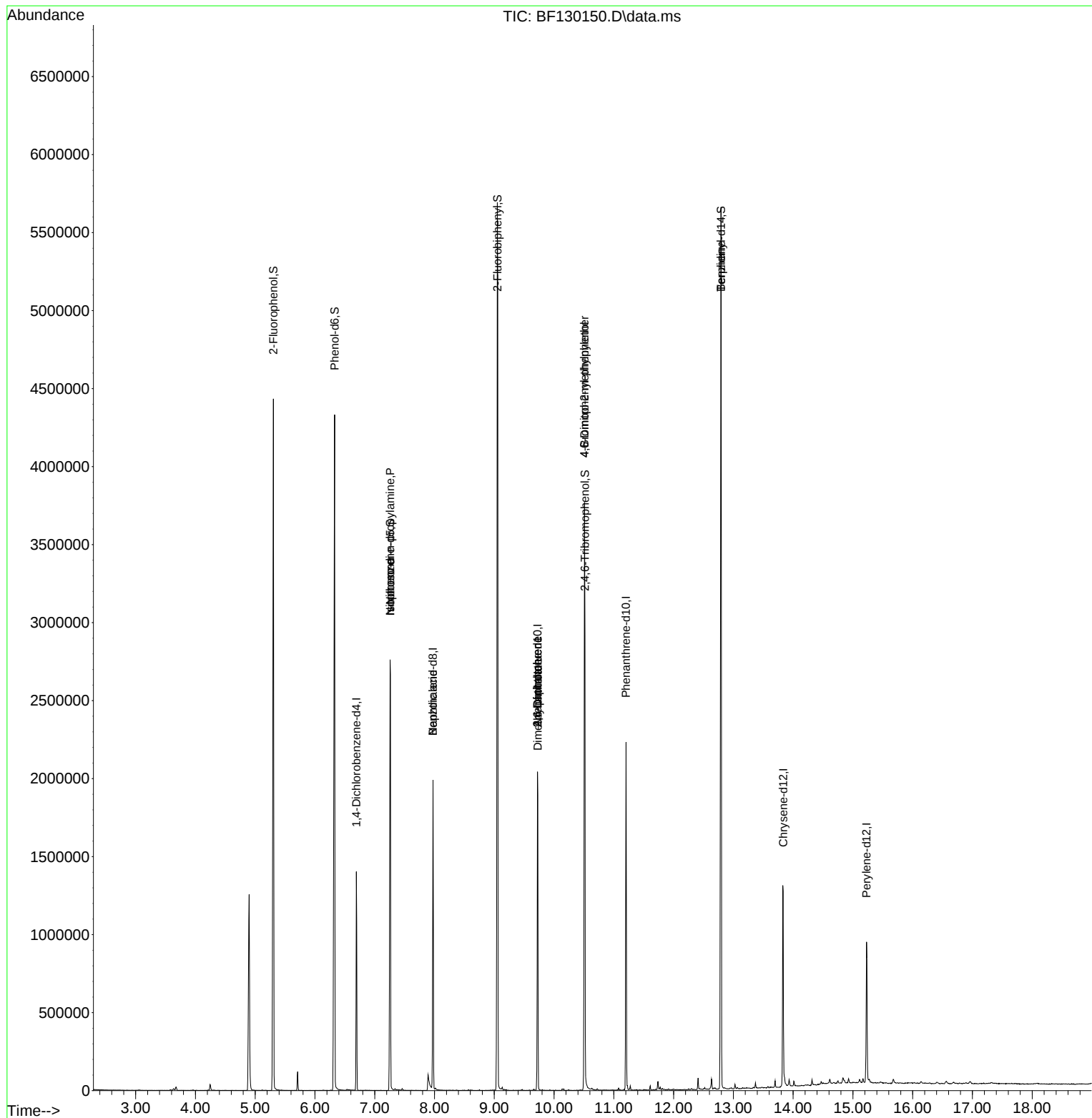
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	199828	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	806618	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	437011	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	744261	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	428726	20.000	ng	-0.01
86) Perylene-d12	15.227	264	371410	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1377490	117.026	ng	0.00
7) Phenol-d6	6.328	99	1739181	118.514	ng	0.00
23) Nitrobenzene-d5	7.257	82	1034083	82.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	492430	123.788	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1950744	74.008	ng	0.00
79) Terphenyl-d14	12.792	244	1991010	80.533	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	132383	14.974	ng	# 76
25) Isophorone	7.257	82	1028862	40.500	ng	# 65
32) Benzoic acid	7.975	122	189	6.591	ng	# 1
50) Dimethylphthalate	9.728	163	80909	2.718	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	56829	9.792	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	56829	8.505	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1022	6.335	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	29518	3.566	ng	# 1
77) Benzidine	12.792	184	27246	2.354	ng	# 92

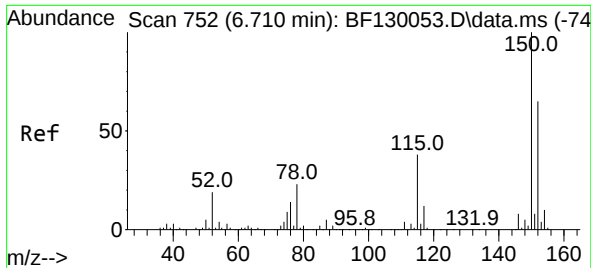
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 02:19:21 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

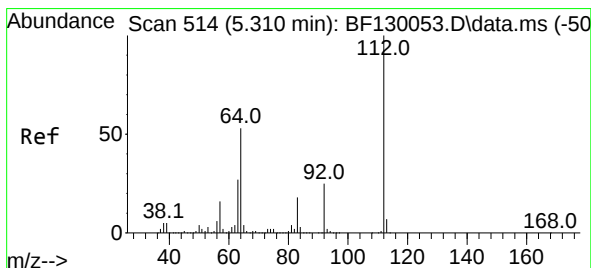
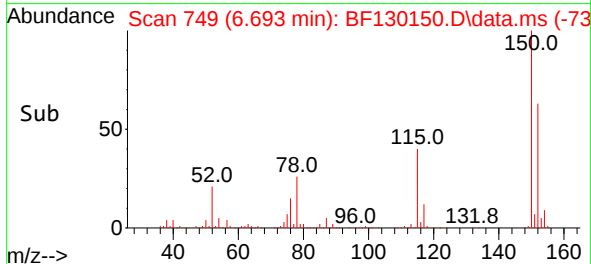
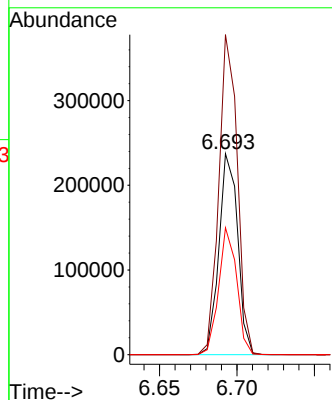
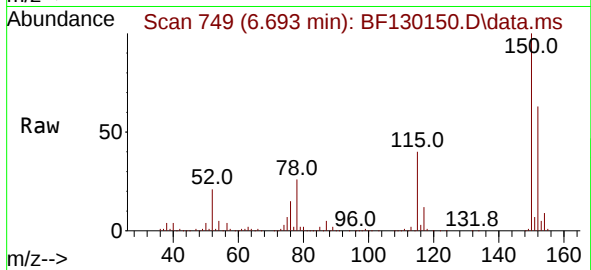




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130150.D
 Acq: 06 Sep 2022 21:58

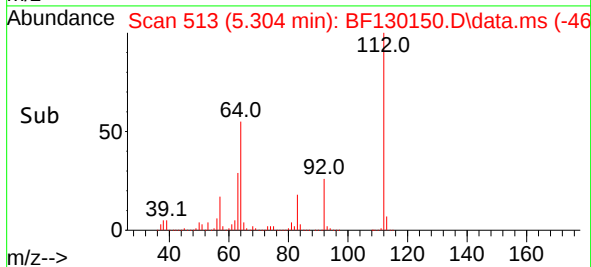
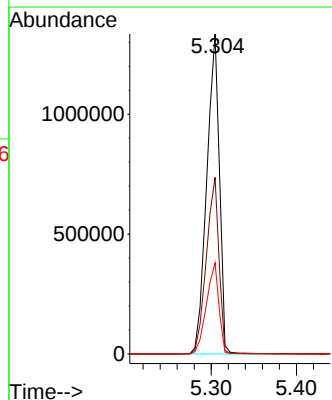
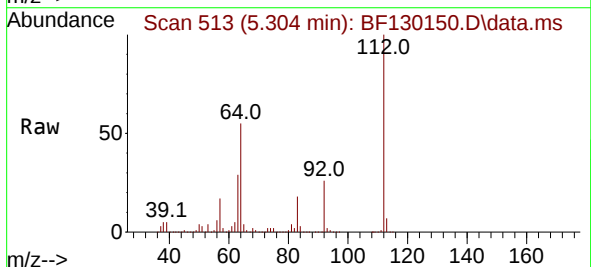
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:152 Resp: 199828
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.9 190.3
 115 63.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 117.026 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130150.D
 Acq: 06 Sep 2022 21:58

Tgt Ion:112 Resp: 1377490
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.6 71.4
 63 28.5 24.6 37.0

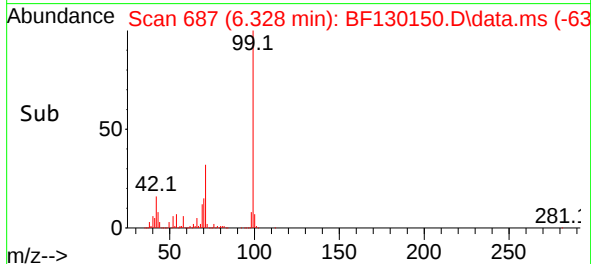
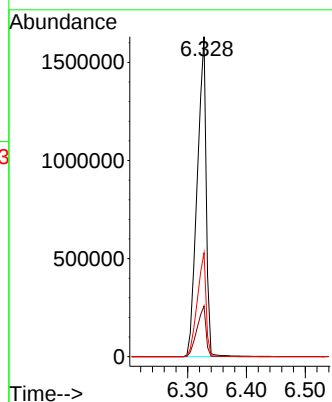
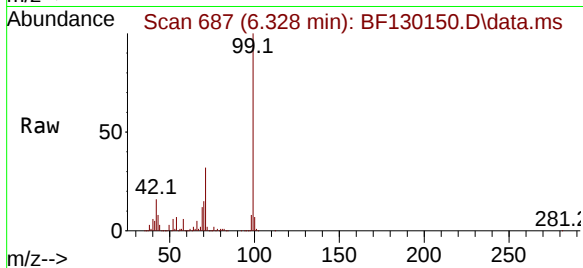




#7
Phenol-d6
Concen: 118.514 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

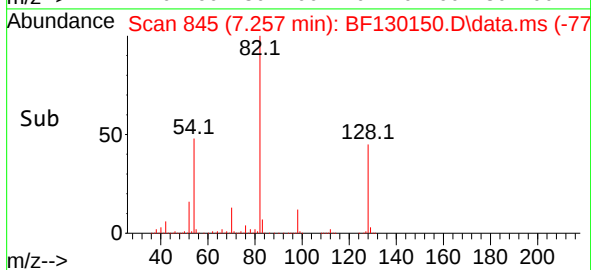
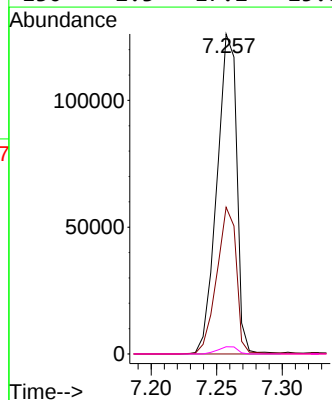
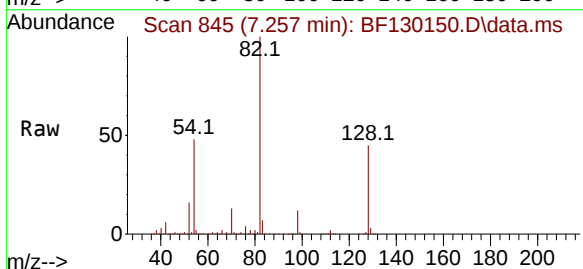
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

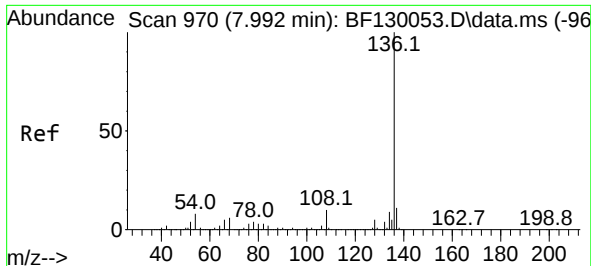
Tgt Ion: 99 Resp: 1739181
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 32.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion: 70 Resp: 132383
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

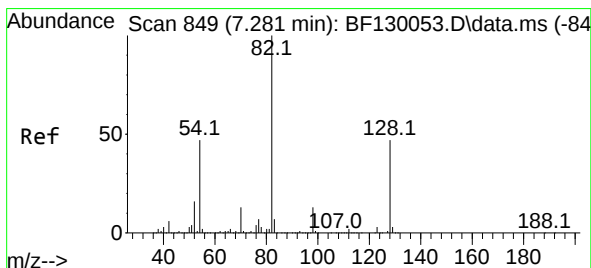
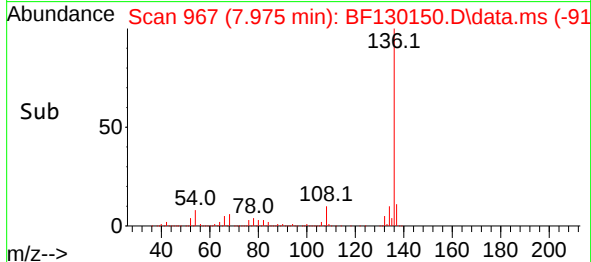
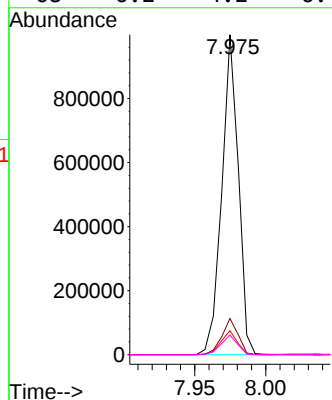
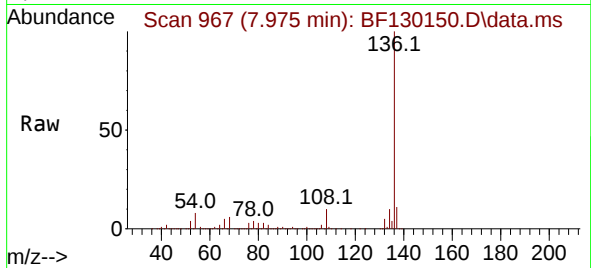




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

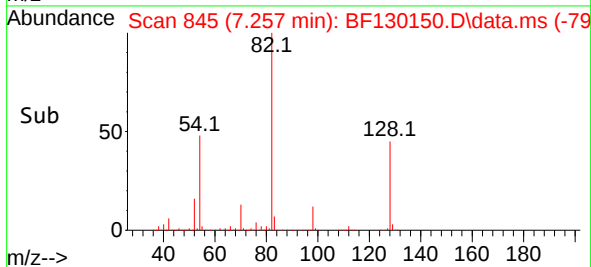
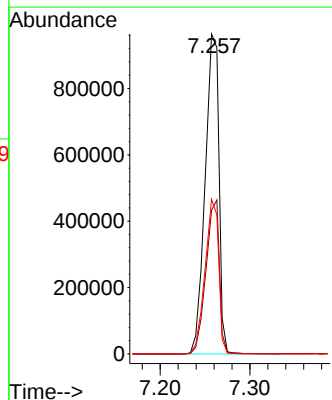
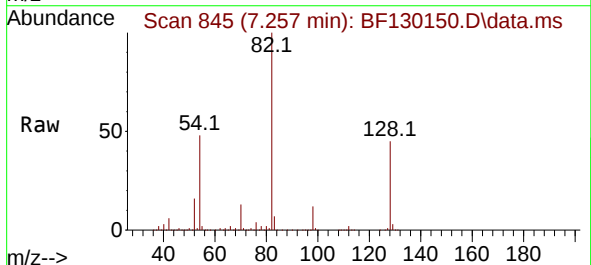
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:136 Resp: 806618
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.5 6.2 9.2
68 6.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 82.389 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion: 82 Resp: 1034083
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 48.4 40.0 60.0

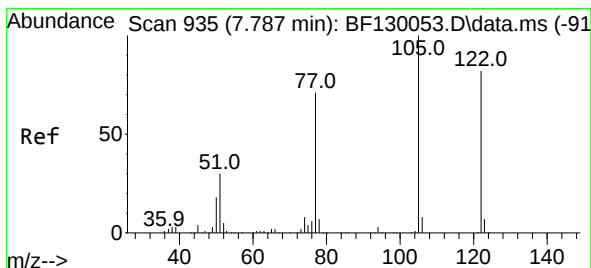
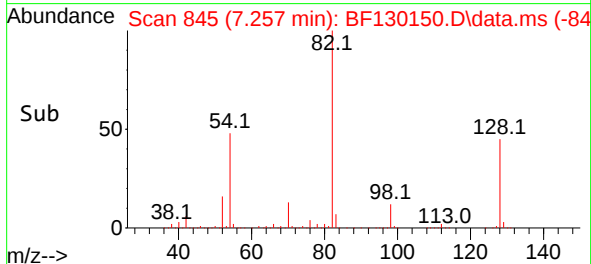
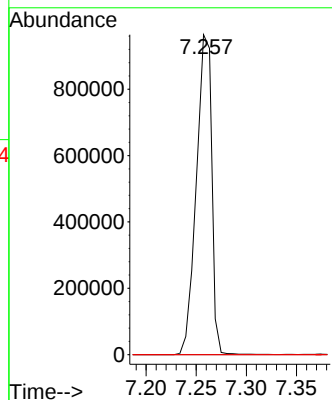
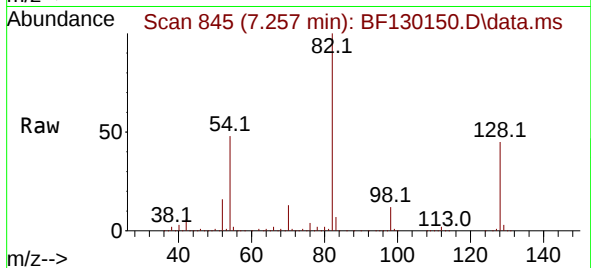




#25
Isophorone
Concen: 40.500 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

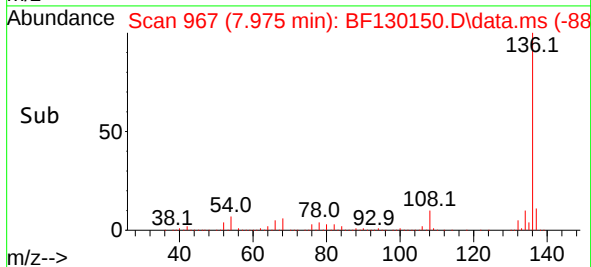
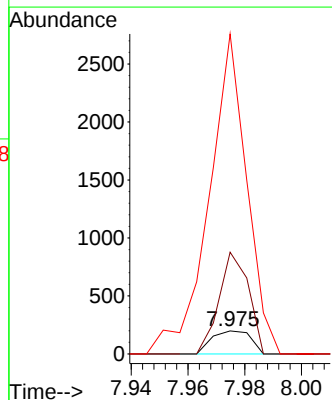
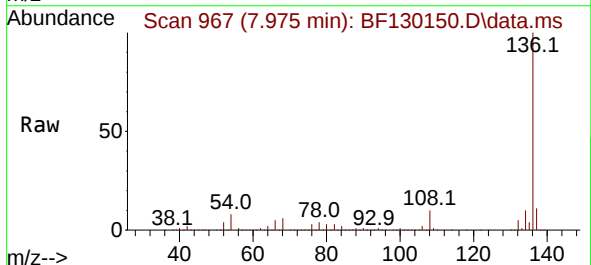
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

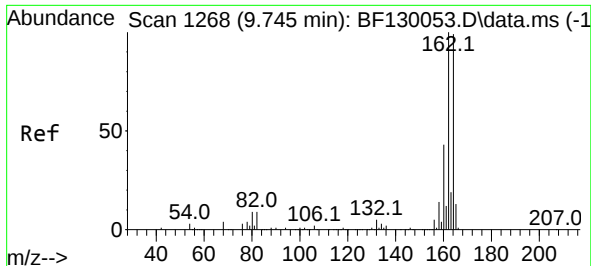
Tgt Ion: 82 Resp: 1028862
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.591 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion:122 Resp: 189
Ion Ratio Lower Upper
122 100
105 442.9 99.9 139.9#
77 1393.4 65.9 105.9#

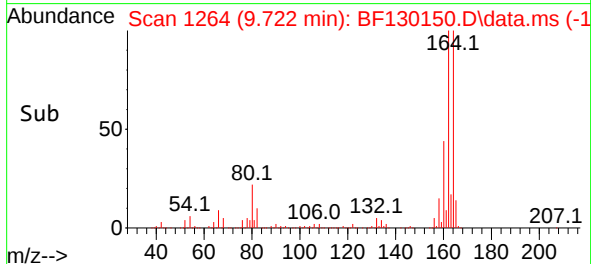
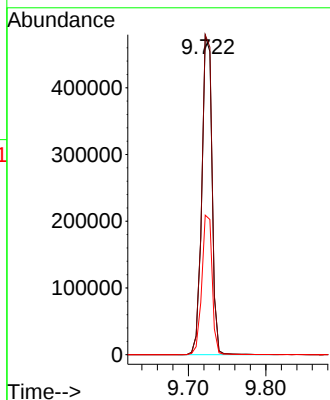
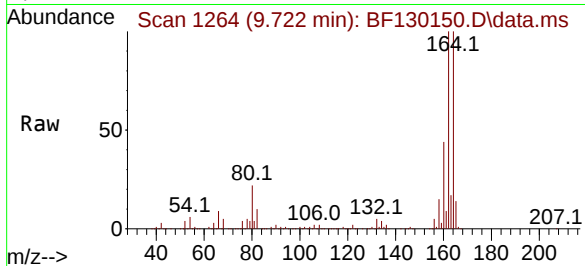




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

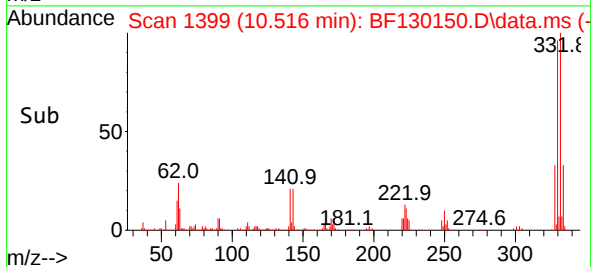
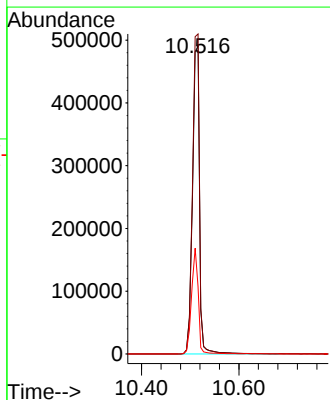
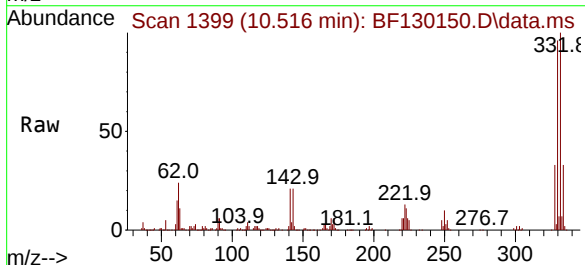
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SB-24-COMP

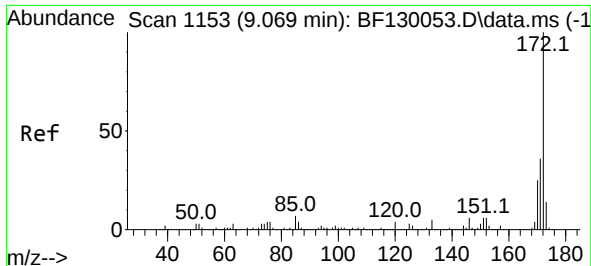
Tgt Ion:164 Resp: 437011
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 123.788 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion:330 Resp: 492430
Ion Ratio Lower Upper
330 100
332 104.4 82.6 124.0
141 32.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 74.008 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130150.D

Acq: 06 Sep 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

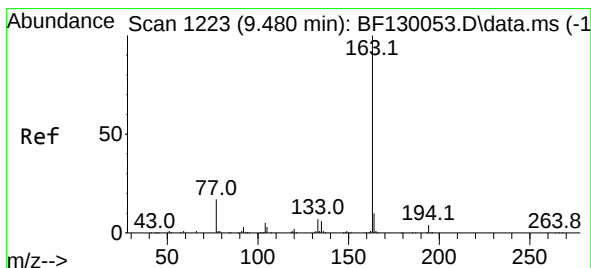
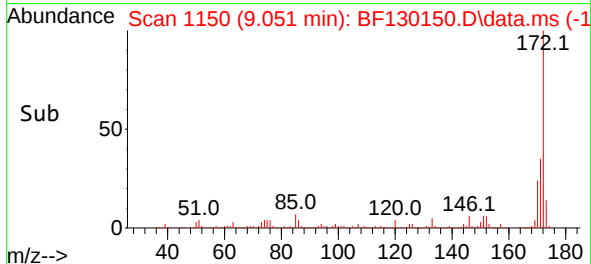
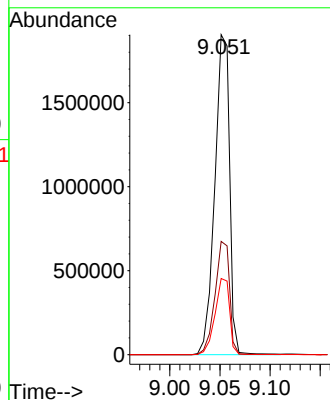
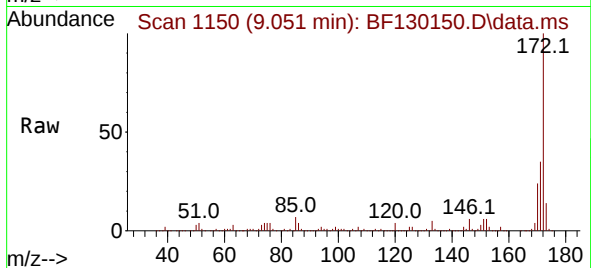
Tgt Ion:172 Resp: 1950744

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.1 28.7



#50

Dimethylphthalate

Concen: 2.718 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130150.D

Acq: 06 Sep 2022 21:58

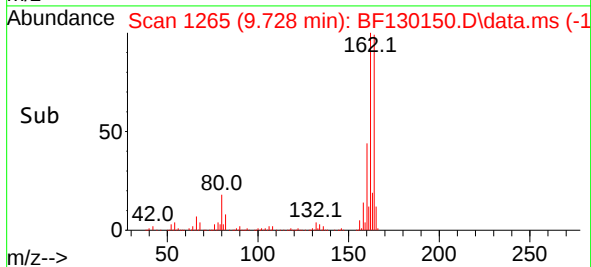
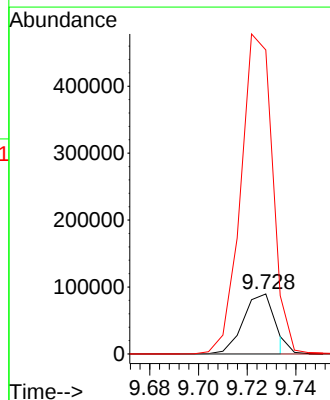
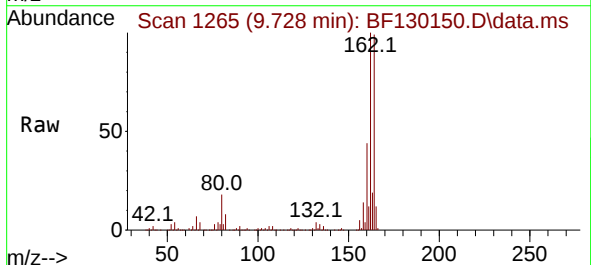
Tgt Ion:163 Resp: 80909

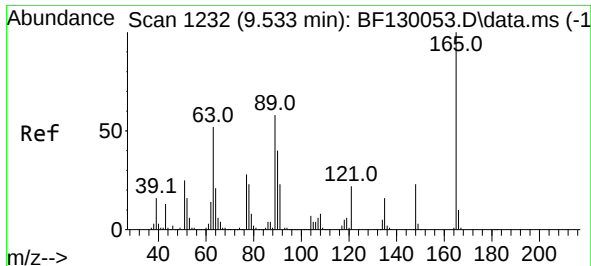
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 507.1 8.2 12.2#

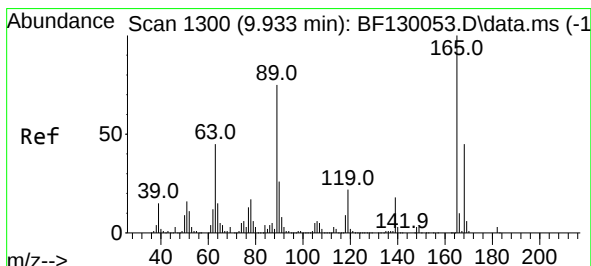
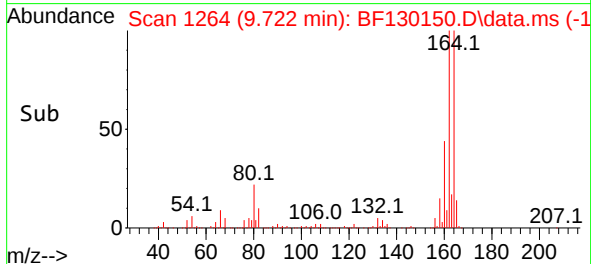
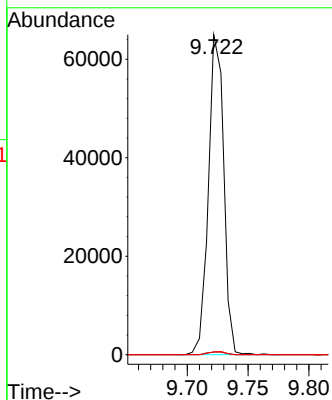
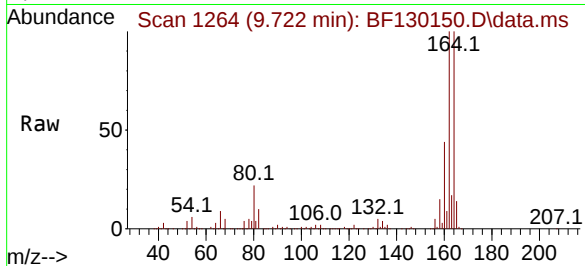




#51
2,6-Dinitrotoluene
Concen: 9.792 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

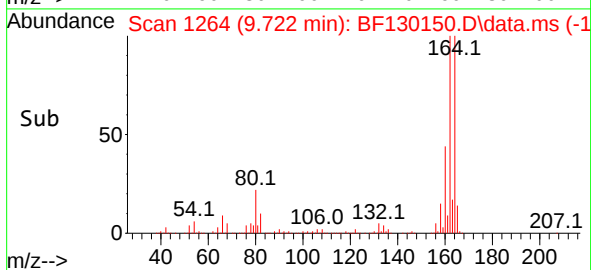
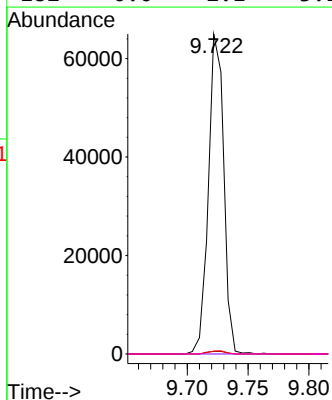
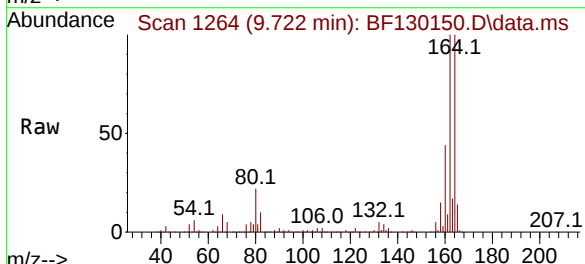
Instrument :
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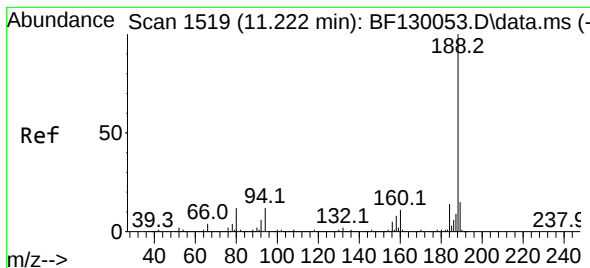
Tgt Ion:165 Resp: 56829
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.505 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.200 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion:165 Resp: 56829
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130150.D

Acq: 06 Sep 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

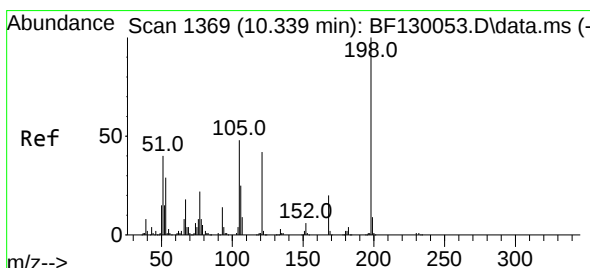
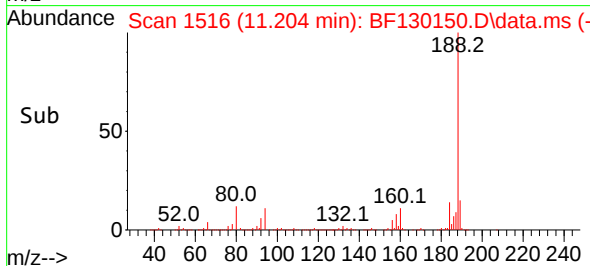
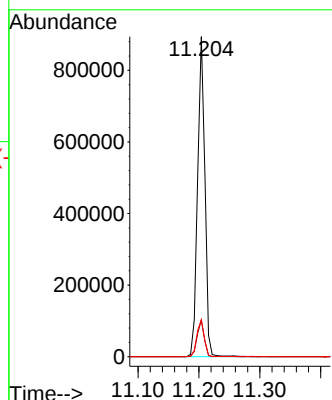
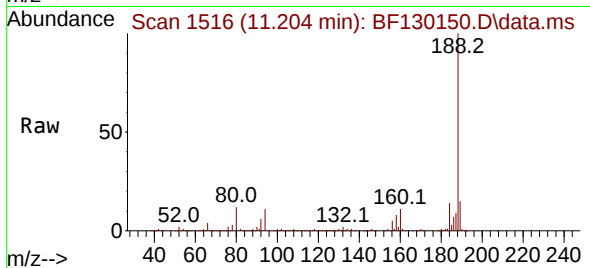
Tgt Ion:188 Resp: 744261

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 11.6 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.335 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130150.D

Acq: 06 Sep 2022 21:58

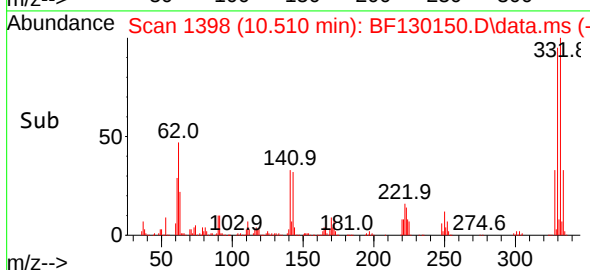
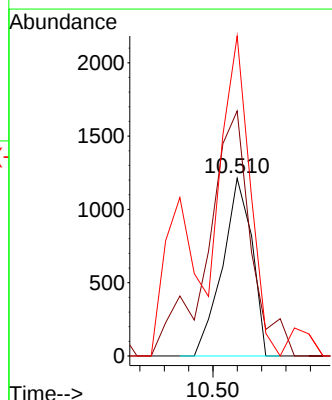
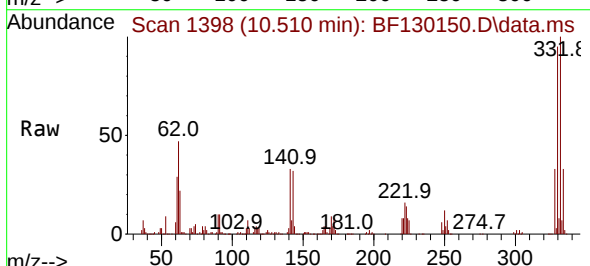
Tgt Ion:198 Resp: 1022

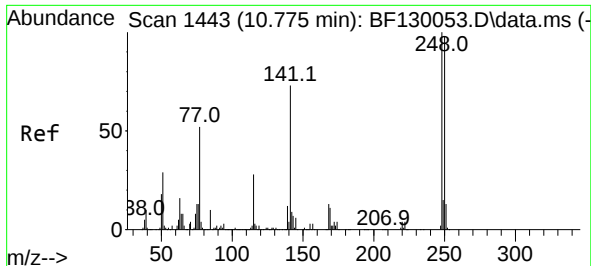
Ion Ratio Lower Upper

198 100

51 137.9 29.4 69.4#

105 180.1 29.2 69.2#

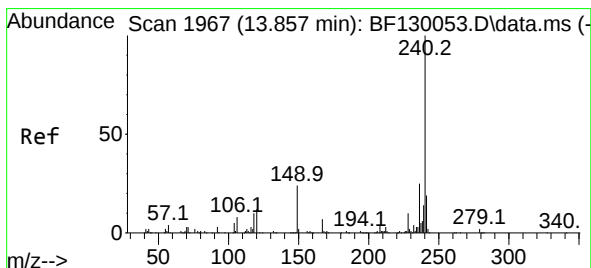
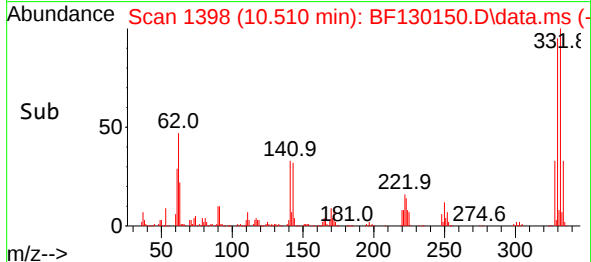
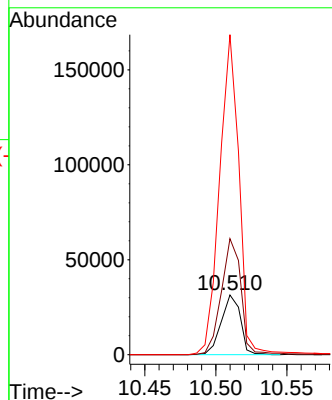
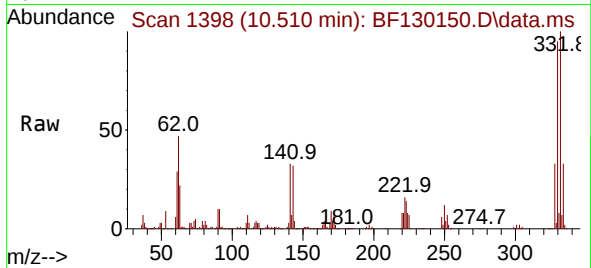




#67
4-Bromophenyl-phenylether
Concen: 3.566 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

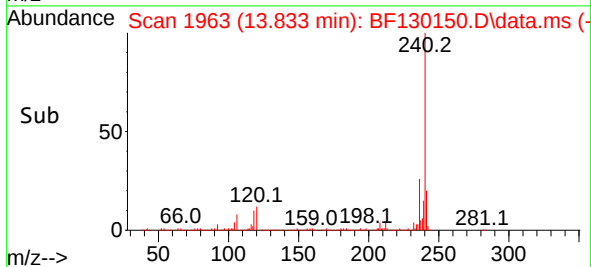
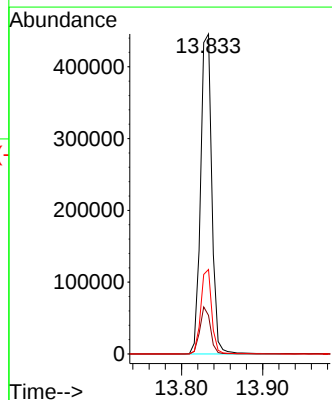
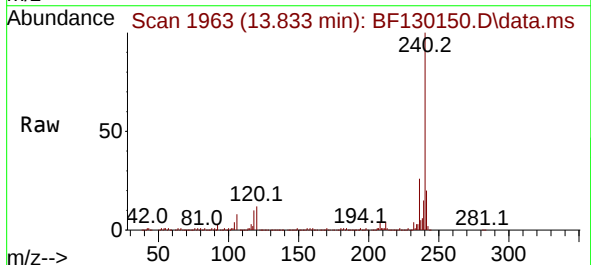
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

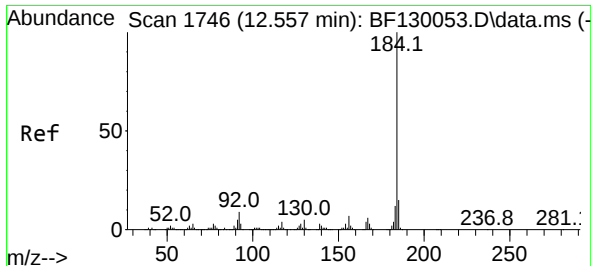
Tgt Ion:248 Resp: 29518
Ion Ratio Lower Upper
248 100
250 194.4 77.8 116.6#
141 536.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion:240 Resp: 428726
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.4 20.7 31.1

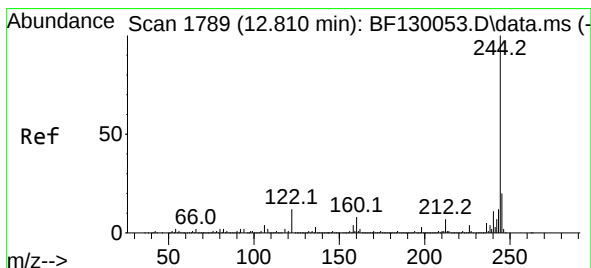
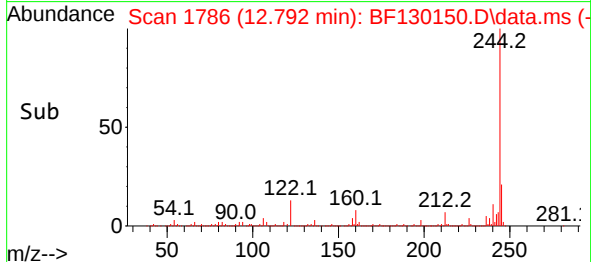
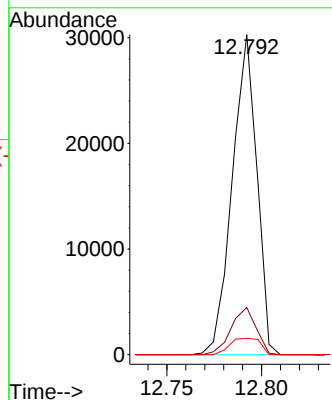
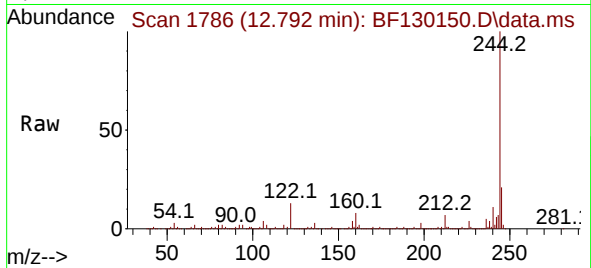




#77
Benzidine
Concen: 2.354 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

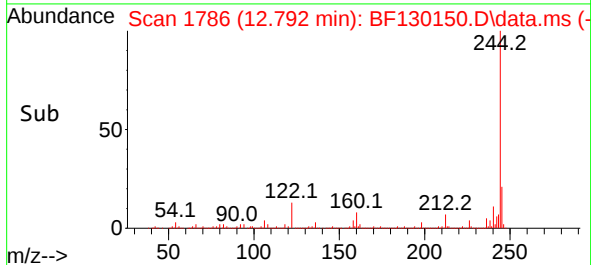
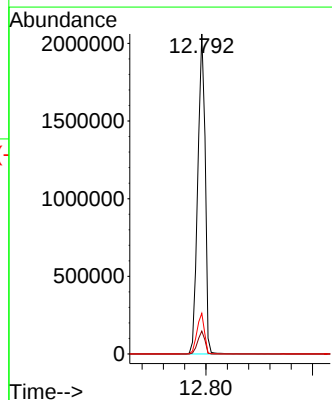
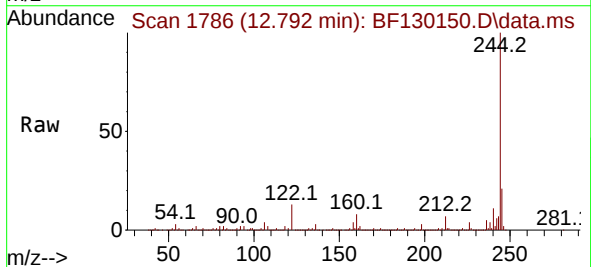
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

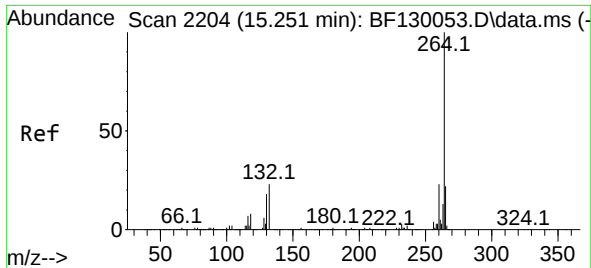
Tgt Ion:184 Resp: 27246
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 5.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.533 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Tgt Ion:244 Resp: 1991010
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.7 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130150.D
Acq: 06 Sep 2022 21:58

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:264 Resp: 371410
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.8 16.7 25.1

