

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130045.D
 Acq On : 29 Aug 2022 21:06
 Operator : CG\JU
 Sample : N4355-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: Aug 30 01:32:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

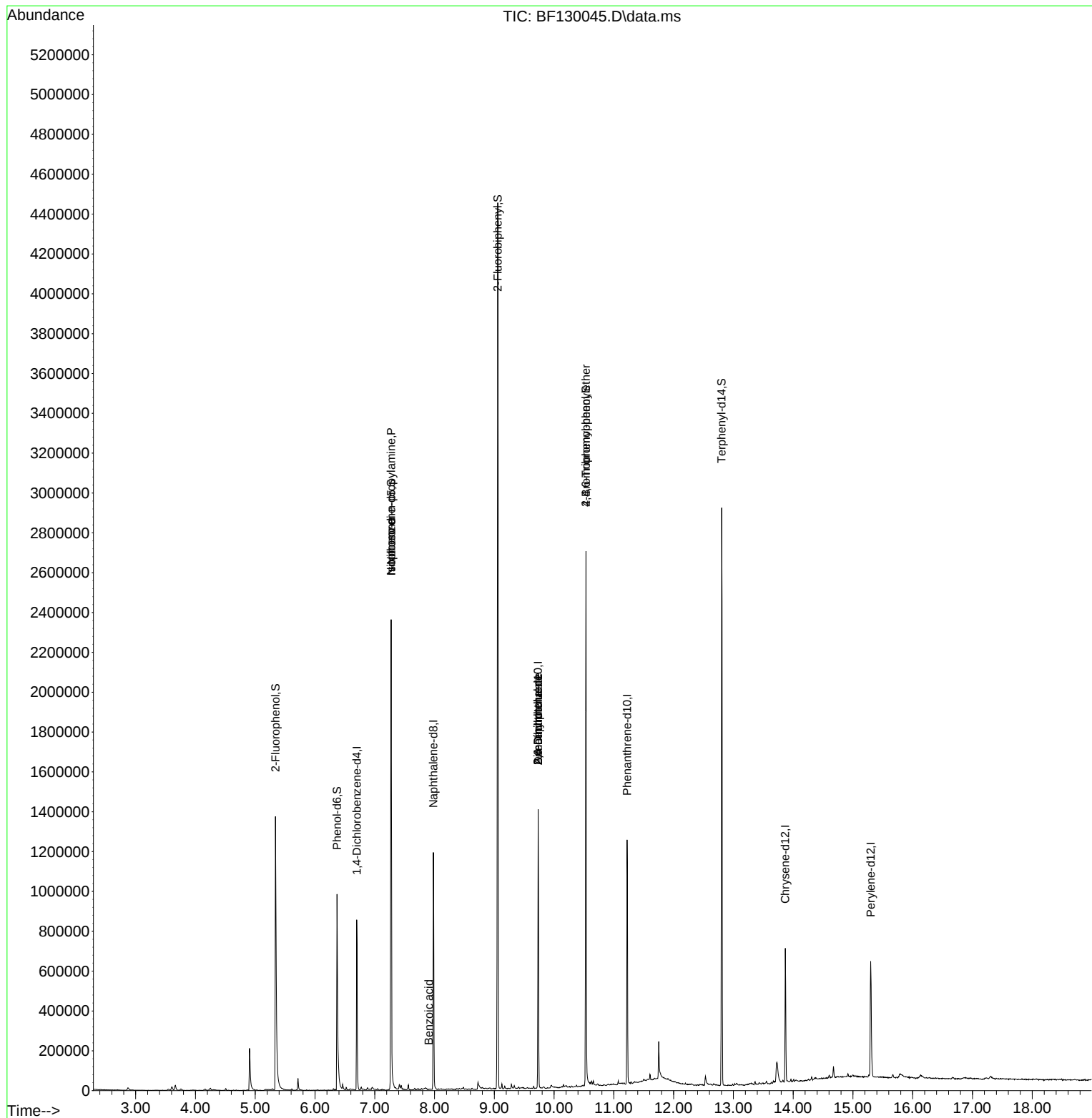
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	124900	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	499653	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	265176	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	418212	20.000	ng	0.00
76) Chrysene-d12	13.868	240	212578	20.000	ng	0.00
86) Perylene-d12	15.298	264	257914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	455660	60.403	ng	0.00
7) Phenol-d6	6.369	99	369922	39.159	ng	0.00
23) Nitrobenzene-d5	7.275	82	720330	77.175	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	289739	108.866	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1314577	75.293	ng	0.00
79) Terphenyl-d14	12.804	244	961394	75.252	ng	0.00
Target Compounds						
9) Benzaldehyde	6.310	77	55	Below Cal	Qvalue #	29
19) n-Nitroso-di-n-propyla...	7.275	70	99505	16.664 ng	#	76
25) Isophorone	7.275	82	720330	44.839 ng	#	65
32) Benzoic acid	7.904	122	64	2.177 ng		87
50) Dimethylphthalate	9.733	163	44481	2.340 ng	#	1
51) 2,6-Dinitrotoluene	9.733	165	34163	8.285 ng	#	23
57) 2,4-Dinitrotoluene	9.733	165	34163	6.382 ng	#	18
67) 4-Bromophenyl-phenylether	10.533	248	17951	3.665 ng	#	1
77) Benzidine	12.804	184	14160	Below Cal	#	92

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

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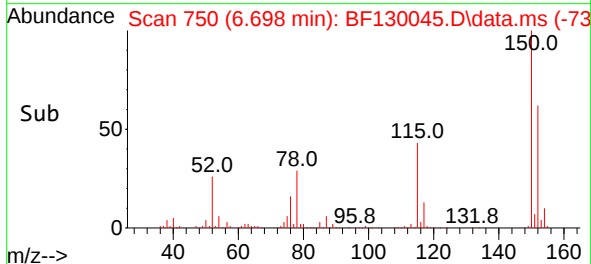
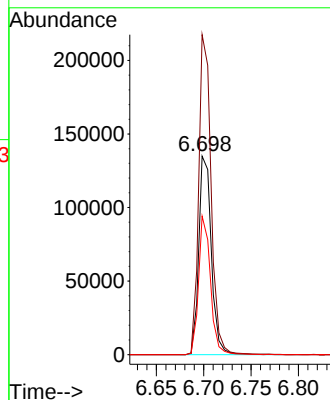
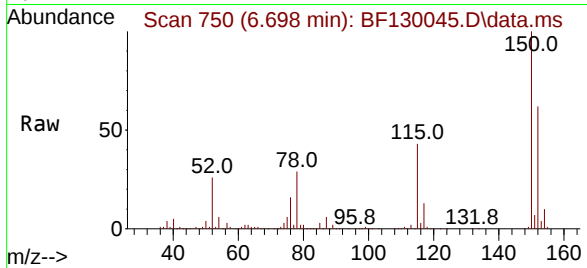




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

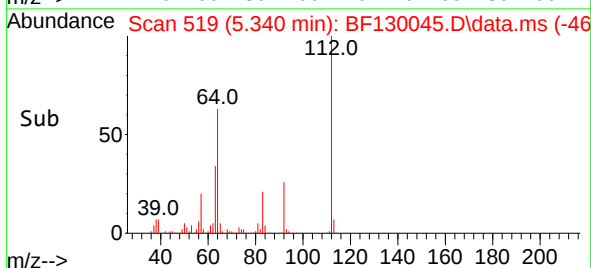
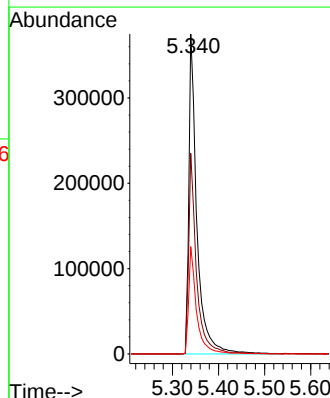
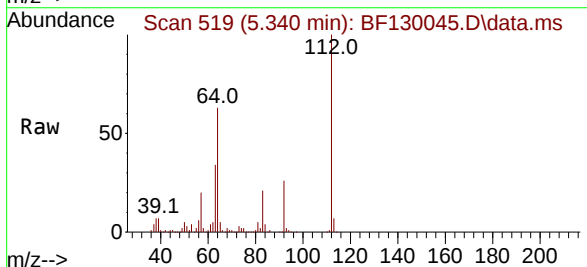
Instrument :
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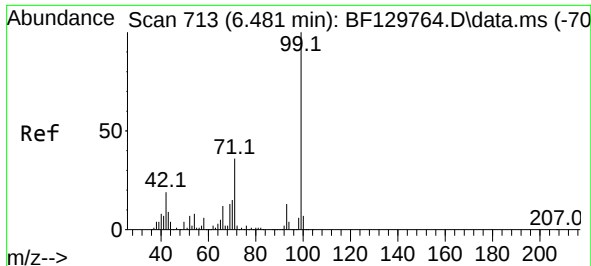
Tgt Ion:152 Resp: 124900
Ion Ratio Lower Upper
152 100
150 161.2 126.9 190.3
115 69.8 53.4 80.0



#5
2-Fluorophenol
Concen: 60.403 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion:112 Resp: 455660
Ion Ratio Lower Upper
112 100
64 62.7 47.6 71.4
63 33.6 24.6 37.0

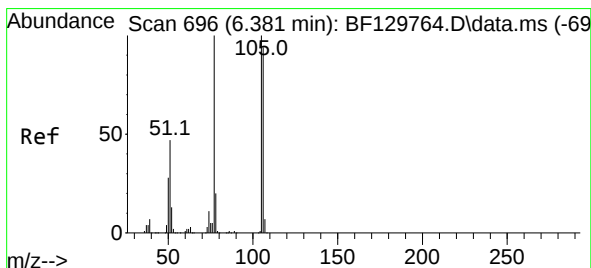
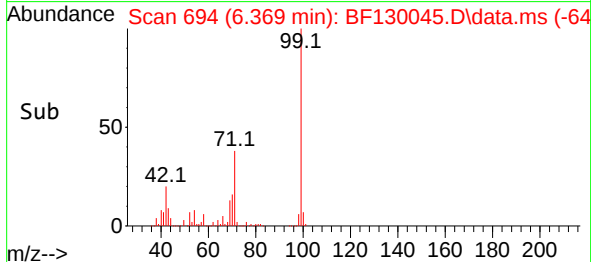
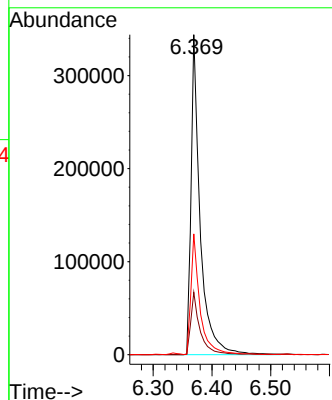
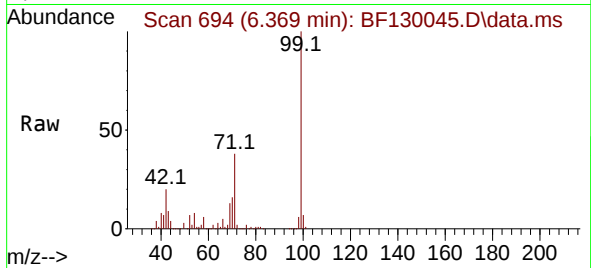




#7
Phenol-d6
Concen: 39.159 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

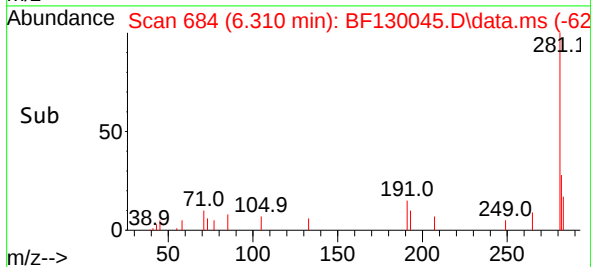
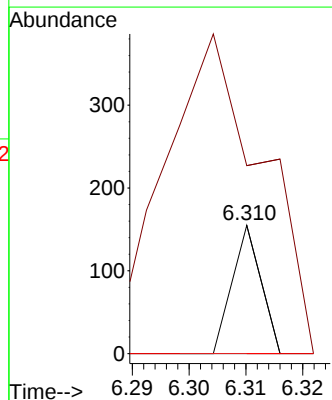
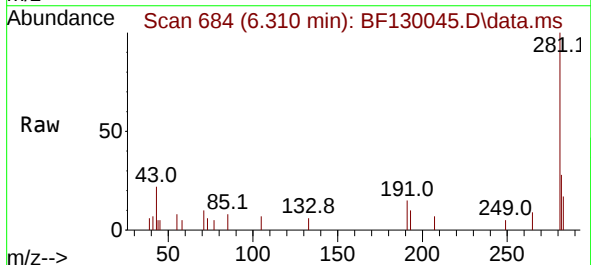
Instrument :
BNA_F
ClientSampleId :
MW-16R

Tgt Ion: 99 Resp: 369922
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 37.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.310 min Scan# 684
Delta R.T. 0.047 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
105 146.5 80.3 120.3#
106 0.0 74.3 114.3#

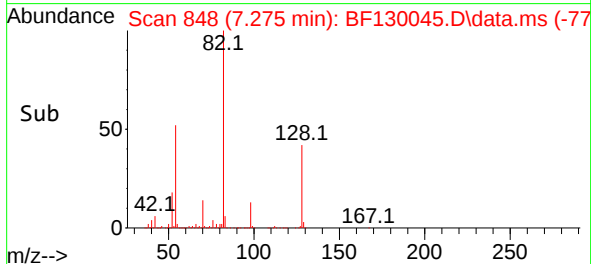
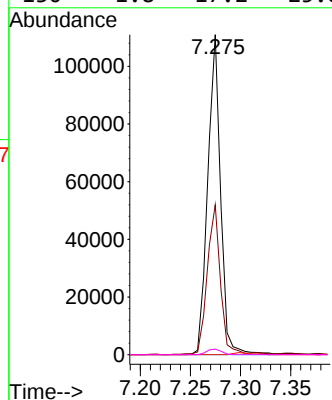
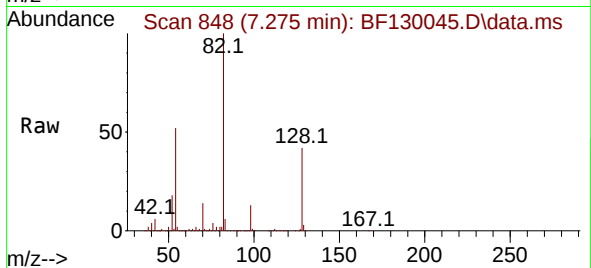




#19
n-Nitroso-di-n-propylamine
Concen: 16.664 ng
RT: 7.275 min Scan# 842
Delta R.T. 0.147 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

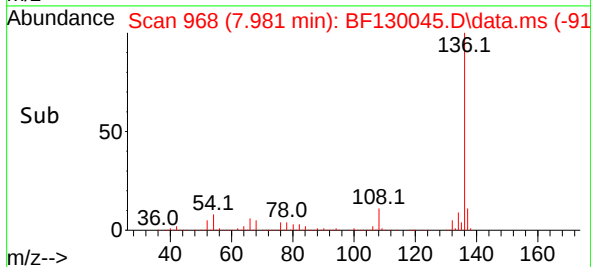
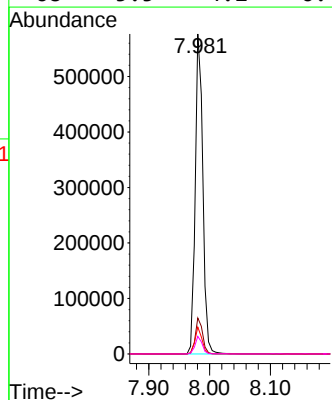
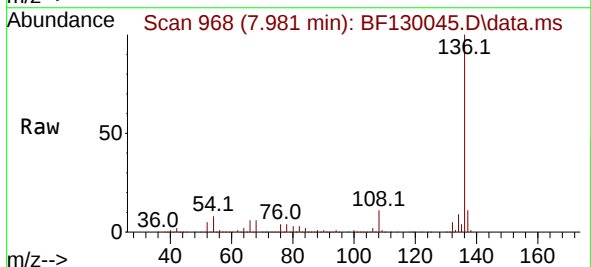
Instrument :
BNA_F
ClientSampleId :
MW-16R

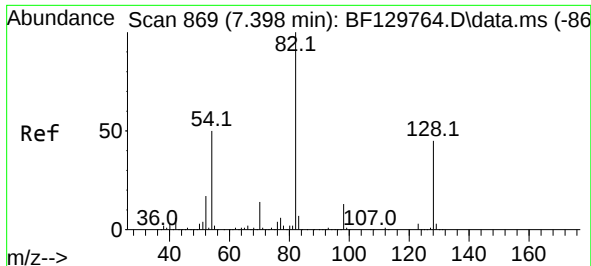
Tgt Ion: 70 Resp: 99505
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 136 Resp: 499653
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.4 6.2 9.2
68 5.5 4.2 6.4

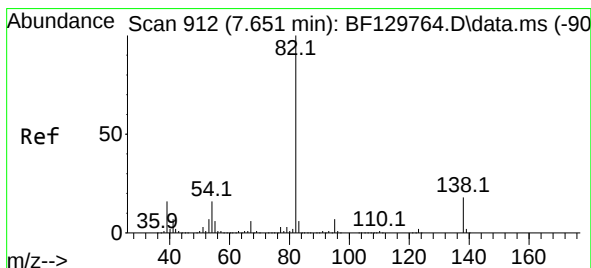
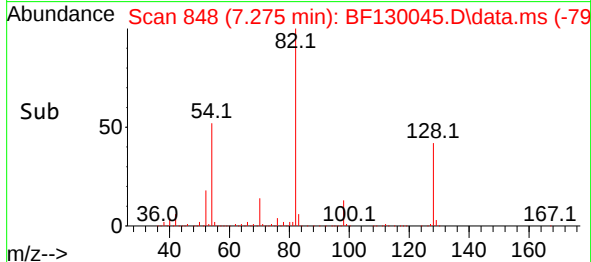
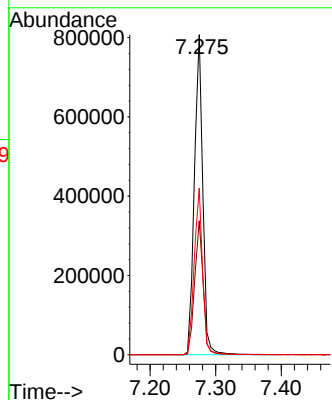
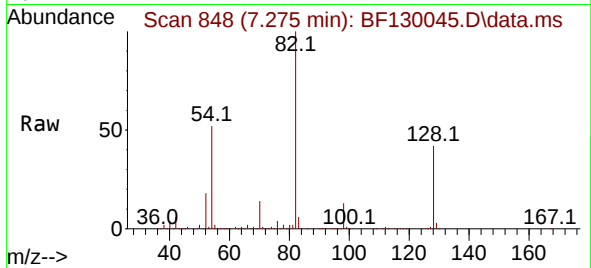




#23
Nitrobenzene-d5
Concen: 77.175 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

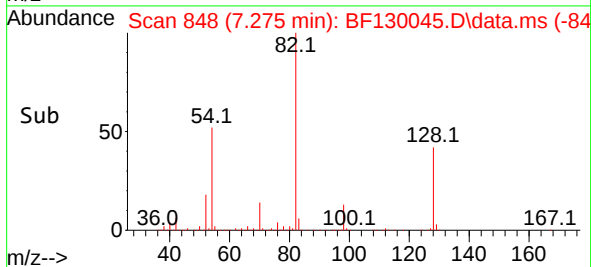
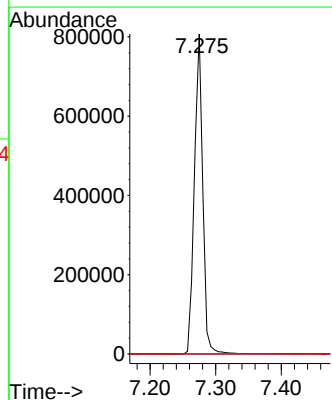
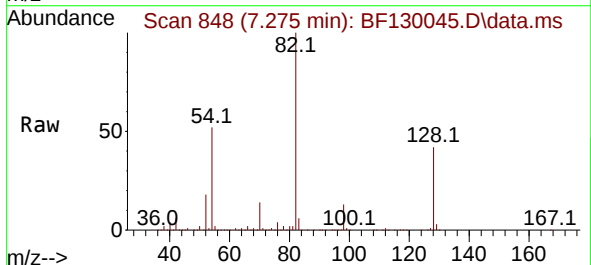
Instrument :
BNA_F
ClientSampleId :
MW-16R

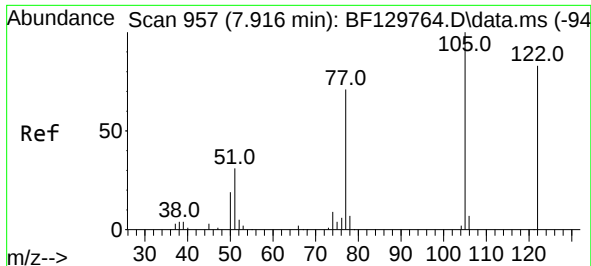
Tgt Ion: 82 Resp: 720330
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 52.0 40.0 60.0



#25
Isophorone
Concen: 44.839 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 82 Resp: 720330
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

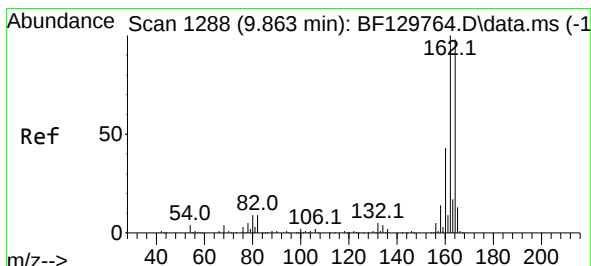
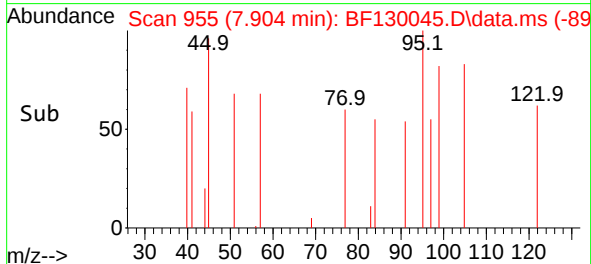
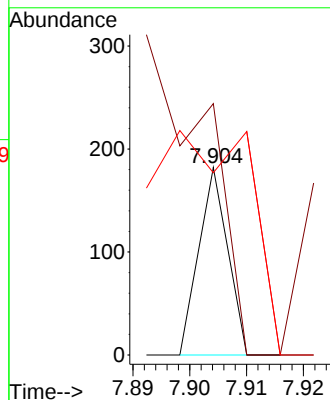
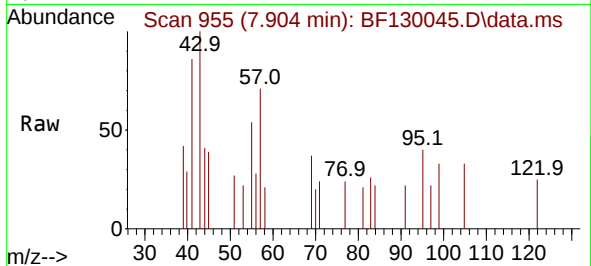




#32
Benzoic acid
Concen: 2.177 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.082 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

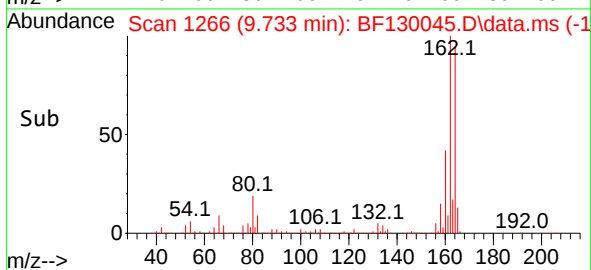
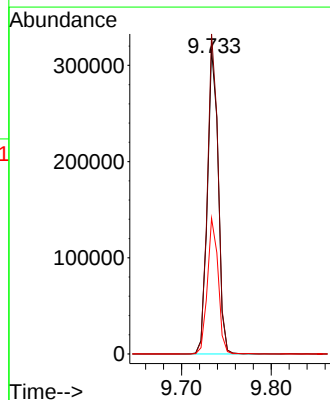
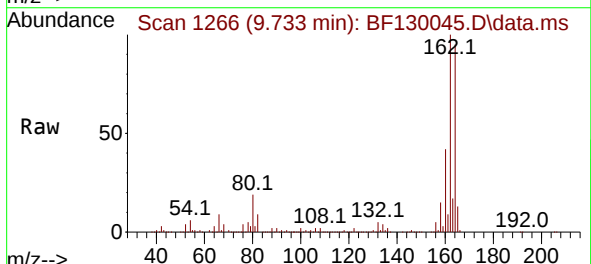
Instrument :
BNA_F
ClientSampleId :
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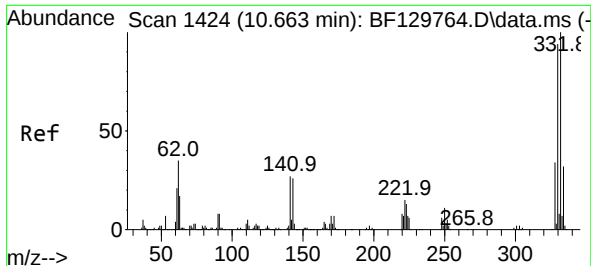
Tgt Ion:	122	Resp:	64
Ion	Ratio	Lower	Upper
122	100		
105	134.1	99.9	139.9
77	97.3	65.9	105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion:	164	Resp:	265176
Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.0	123.0
160	44.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 108.866 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130045.D

Acq: 29 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

MW-16R

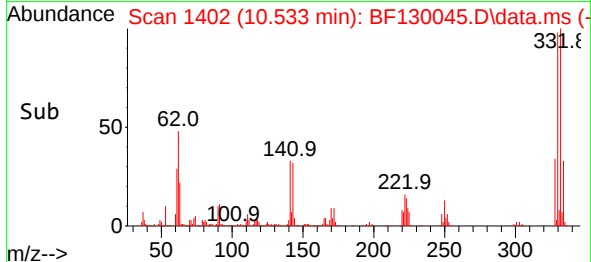
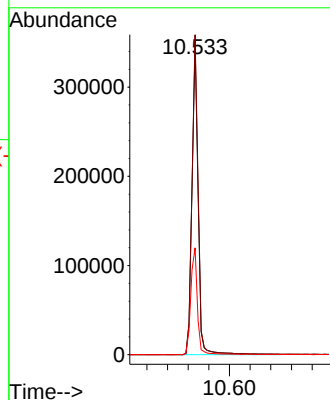
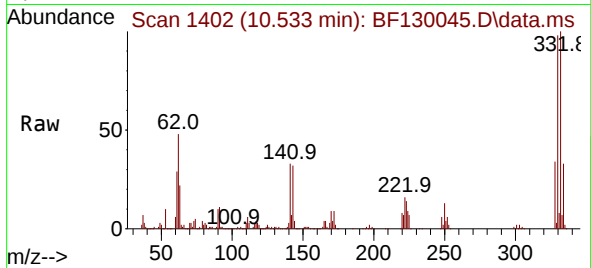
Tgt Ion:330 Resp: 289739

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 36.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 75.293 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130045.D

Acq: 29 Aug 2022 21:06

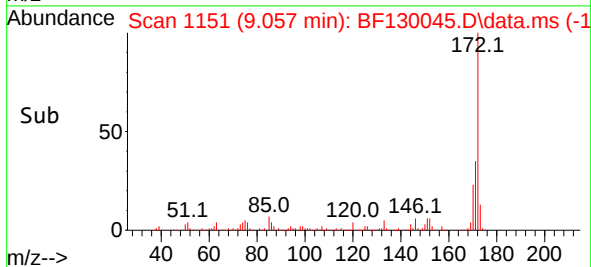
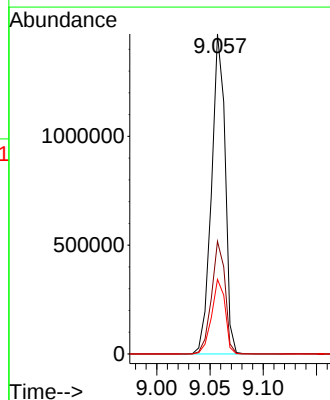
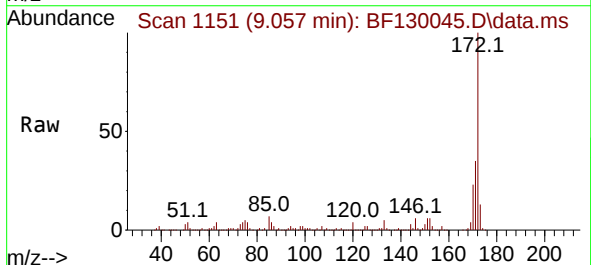
Tgt Ion:172 Resp: 1314577

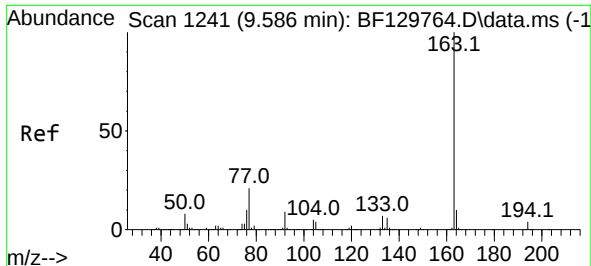
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 19.1 28.7

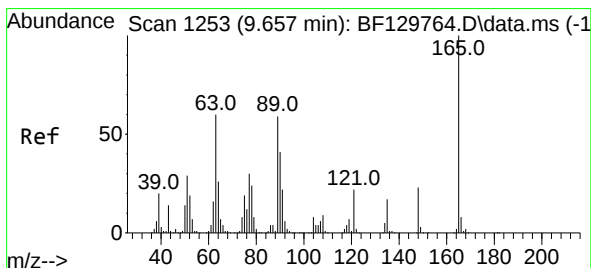
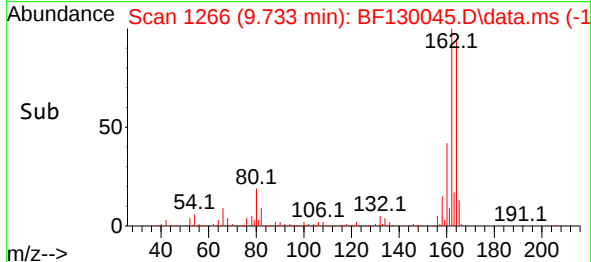
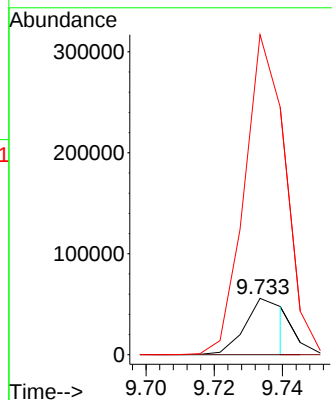
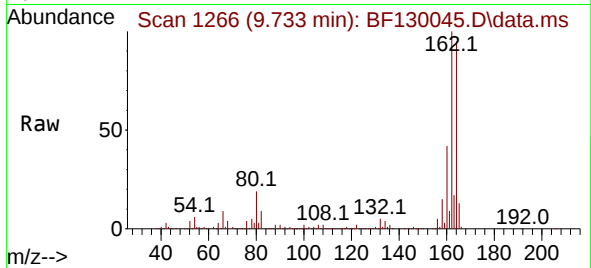




#50
Dimethylphthalate
Concen: 2.340 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

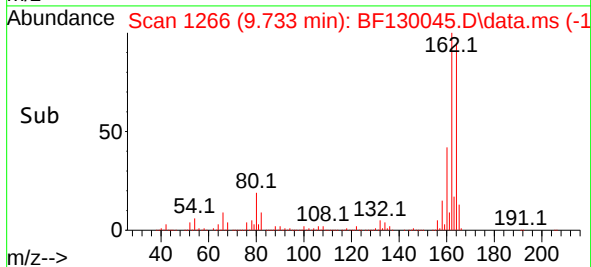
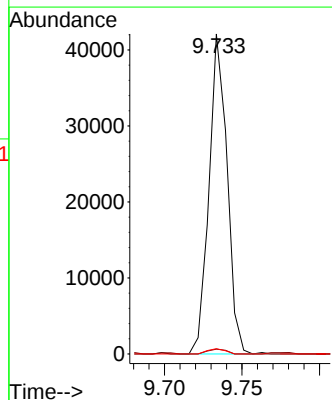
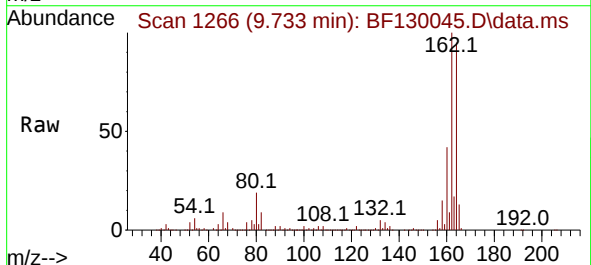
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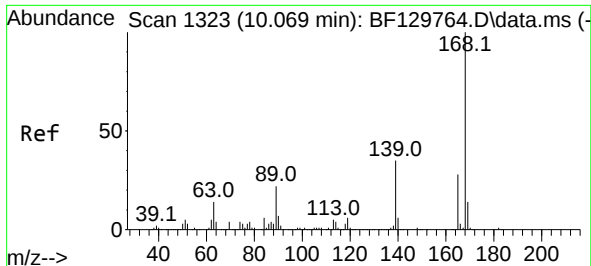
Tgt Ion:163 Resp: 44481
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 568.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.285 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion:165 Resp: 34163
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.7 47.2 70.8#

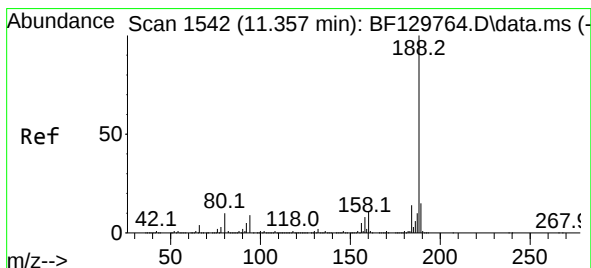
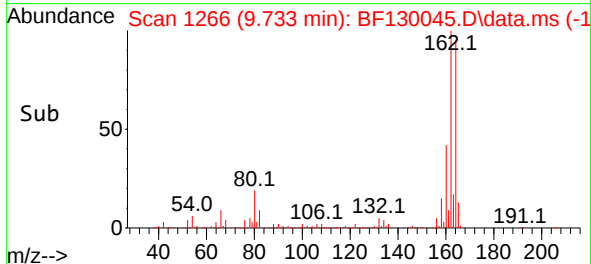
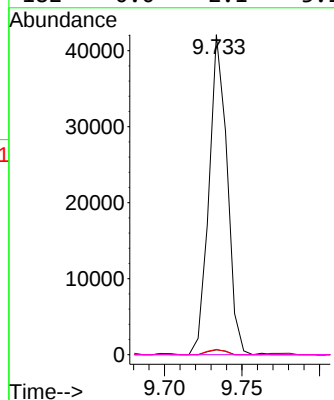
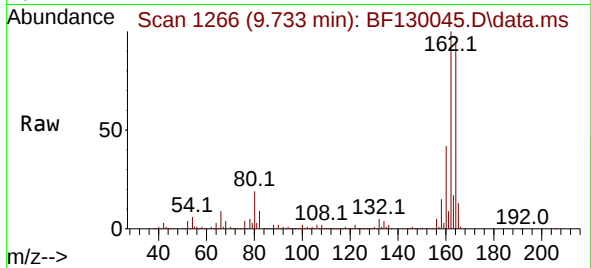




#57
2,4-Dinitrotoluene
Concen: 6.382 ng
RT: 9.733 min Scan# 1519
Delta R.T. -0.217 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

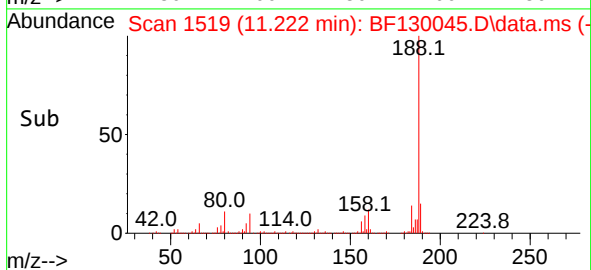
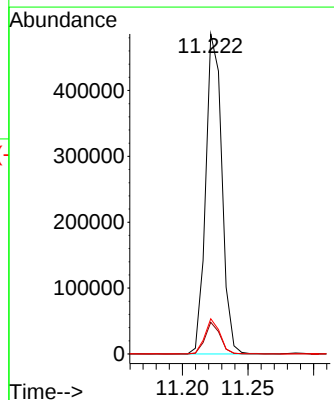
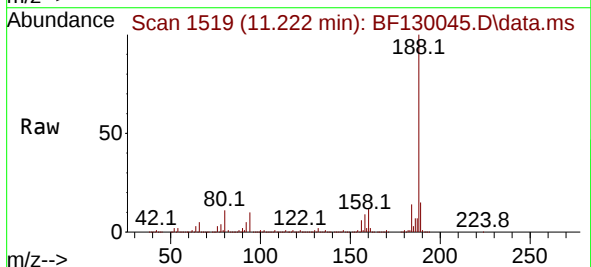
Instrument :
BNA_F
ClientSampleId :
MW-16R

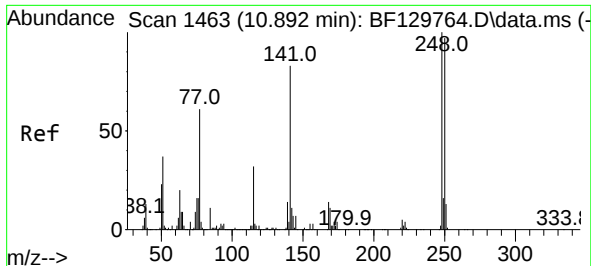
Tgt Ion:165 Resp: 34163
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.7 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion:188 Resp: 418212
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.0 7.9 11.9

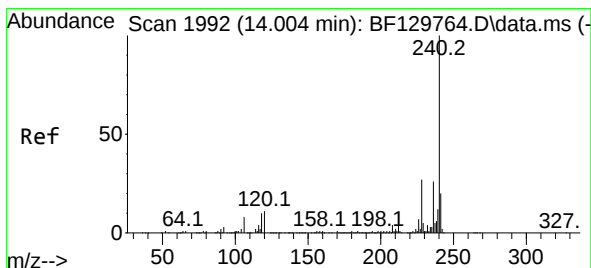
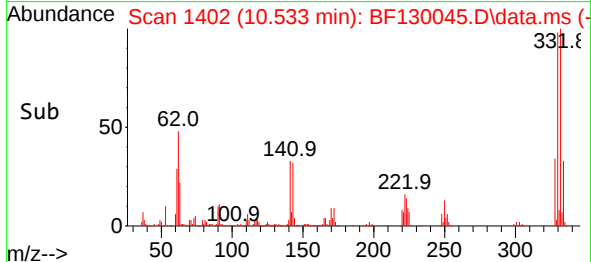
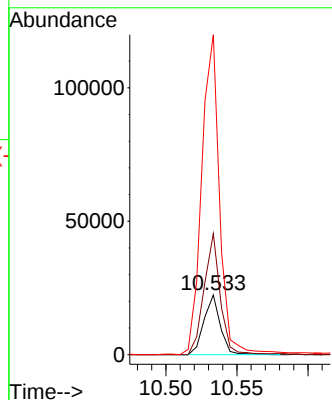
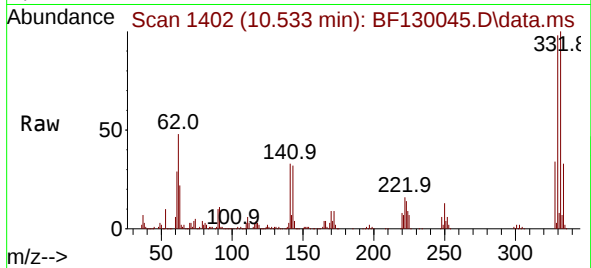




#67
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

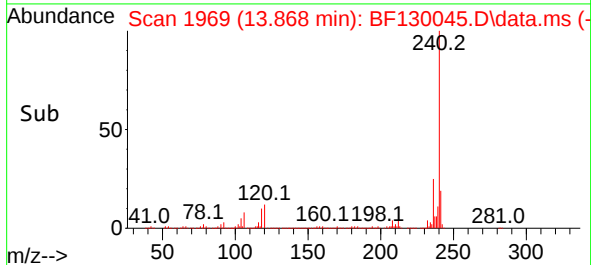
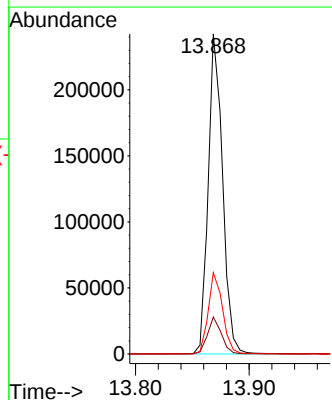
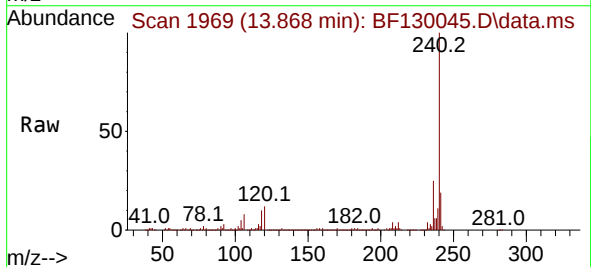
Instrument :
BNA_F
ClientSampleId :
MW-16R

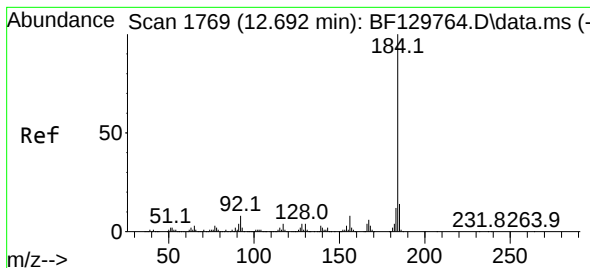
Tgt Ion:248 Resp: 17951
Ion Ratio Lower Upper
248 100
250 203.1 77.8 116.6#
141 536.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130045.D
Acq: 29 Aug 2022 21:06

Tgt Ion:240 Resp: 212578
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.4 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.804 min Scan# 1788

Delta R.T. 0.235 min

Lab File: BF130045.D

Acq: 29 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

MW-16R

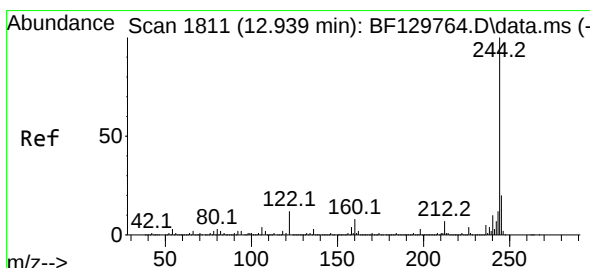
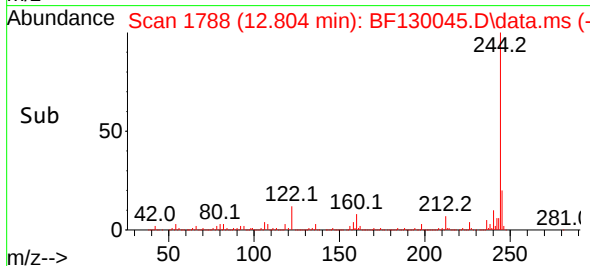
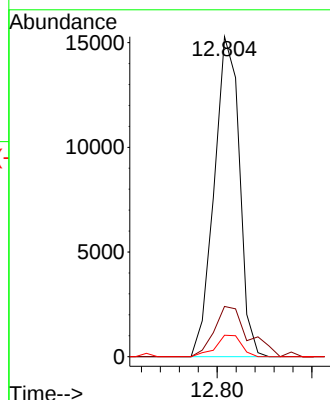
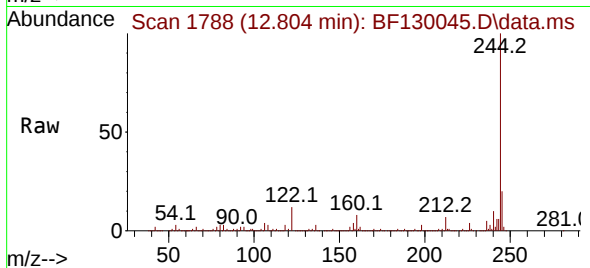
Tgt Ion:184 Resp: 14160

Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.2

183 6.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 75.252 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130045.D

Acq: 29 Aug 2022 21:06

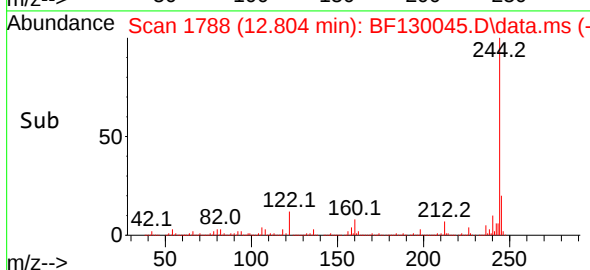
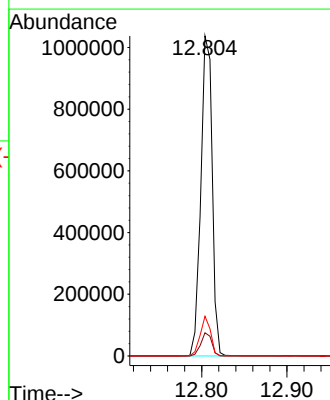
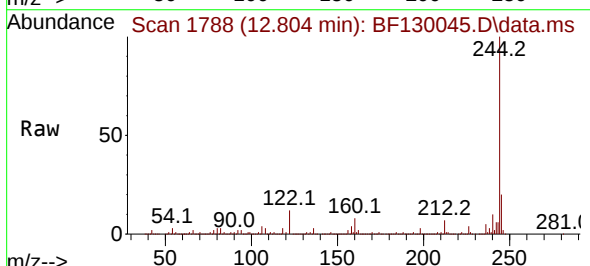
Tgt Ion:244 Resp: 961394

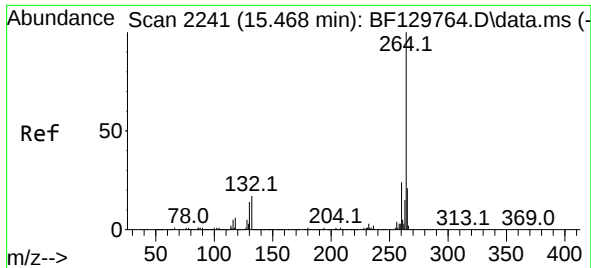
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 12.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130045.D
 Acq: 29 Aug 2022 21:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tgt Ion:264 Resp: 257914
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.7 16.7 25.1

