

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130374.D
 Acq On : 22 Sep 2022 13:16
 Operator : CG\JU
 Sample : PB147825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147825BL

Quant Time: Sep 22 16:41:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

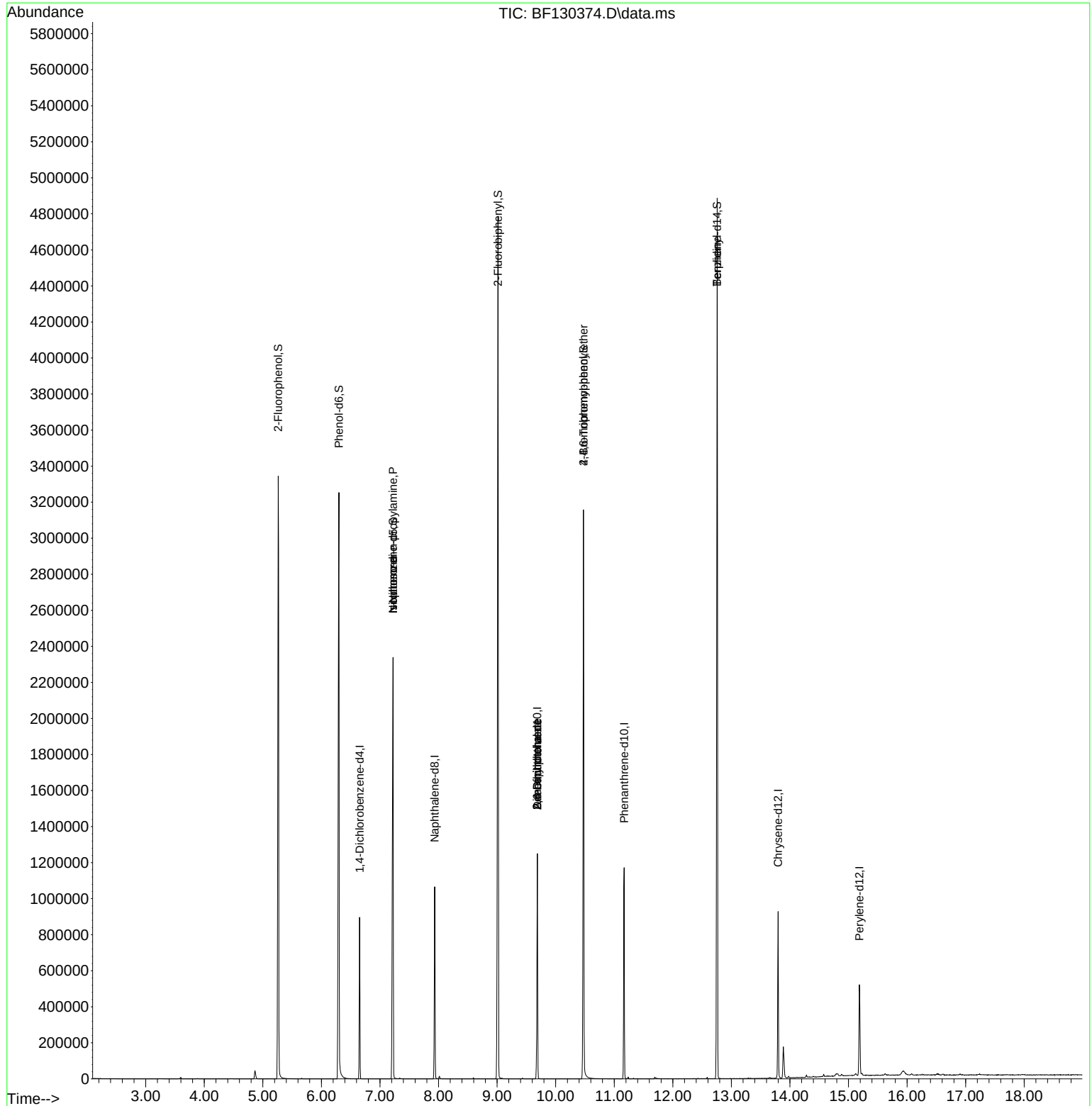
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	117004	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	459946	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	243203	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	416102	20.000	ng	0.00
76) Chrysene-d12	13.798	240	279675	20.000	ng	0.00
86) Perylene-d12	15.186	264	213441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	1025501	152.020	ng	0.00
7) Phenol-d6	6.298	99	1274513	150.998	ng	0.00
23) Nitrobenzene-d5	7.222	82	816208	90.660	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	393437	168.832	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1521307	91.089	ng	0.00
79) Terphenyl-d14	12.757	244	1654601	98.001	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	111433	19.565	ng	# 71
25) Isophorone	7.222	82	812976	56.026	ng	# 66
50) Dimethylphthalate	9.686	163	46167	2.748	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	31760	9.040	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	31760	7.073	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	23805	5.186	ng	# 1
77) Benzidine	12.757	184	23966	2.952	ng	# 94

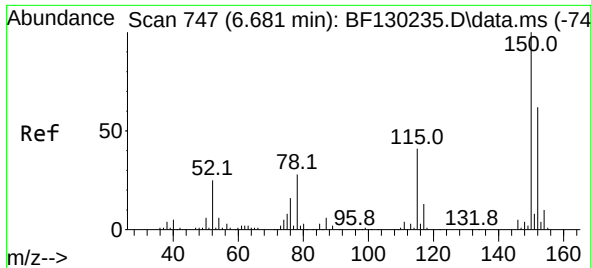
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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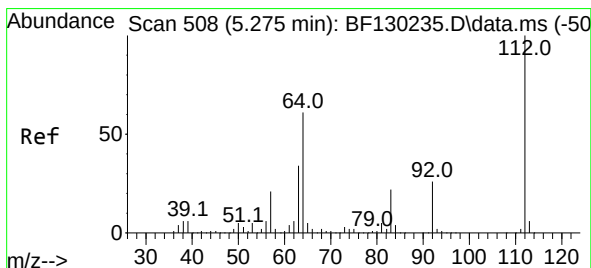
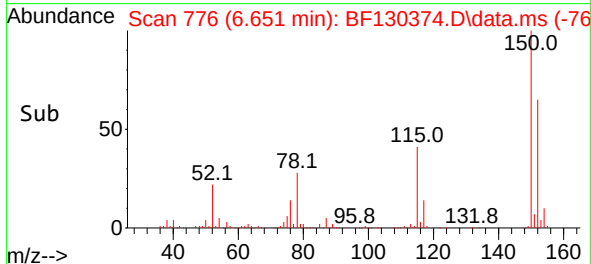
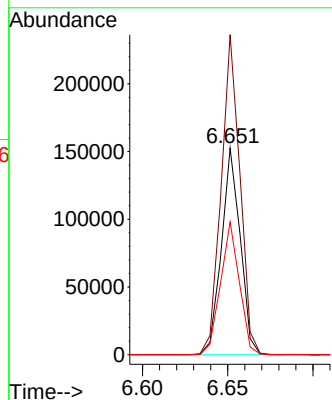
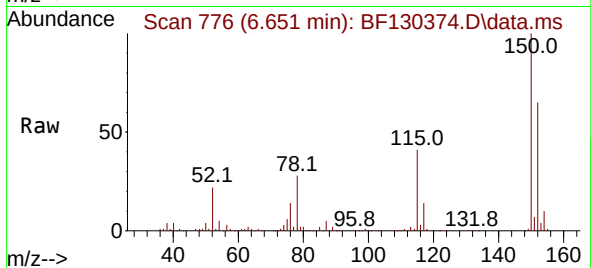




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF130374.D
 Acq: 22 Sep 2022 13:16

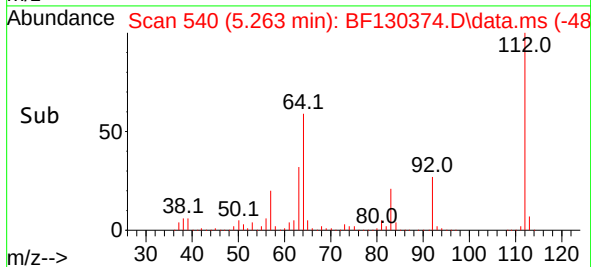
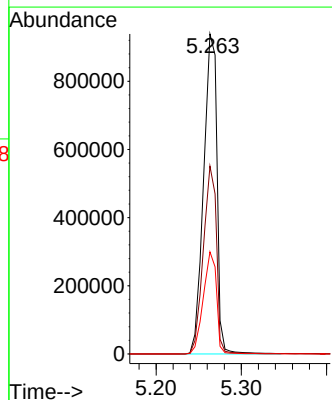
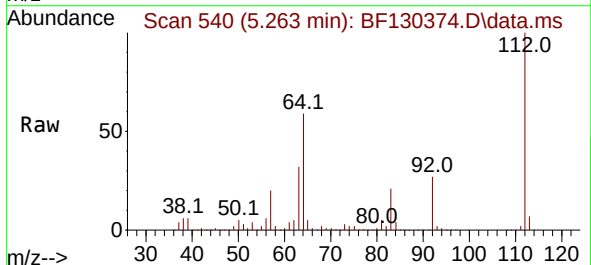
Instrument :
 BNA_F
 ClientSampleId :
 PB147825BL

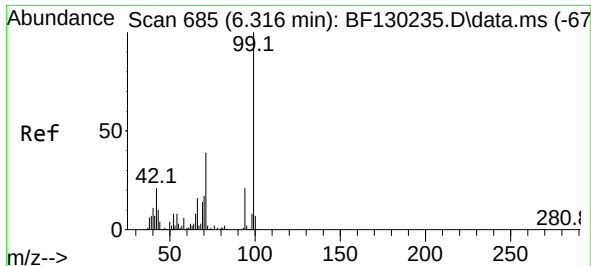
Tgt Ion:152 Resp: 117004
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.8 184.2
 115 64.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 152.020 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130374.D
 Acq: 22 Sep 2022 13:16

Tgt Ion:112 Resp: 1025501
 Ion Ratio Lower Upper
 112 100
 64 58.7 51.4 77.0
 63 31.9 28.8 43.2

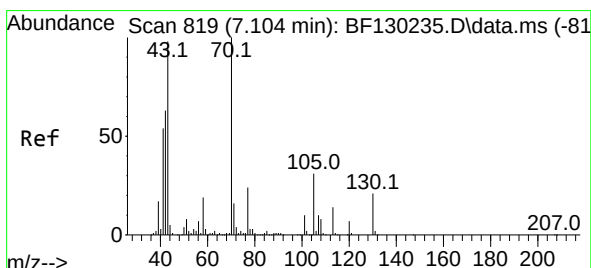
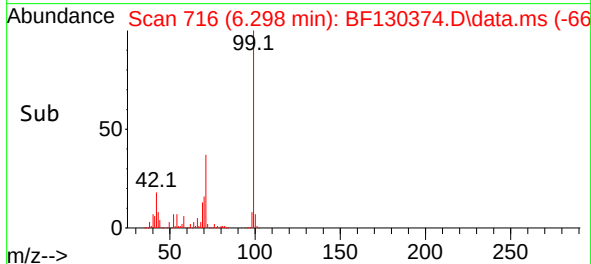
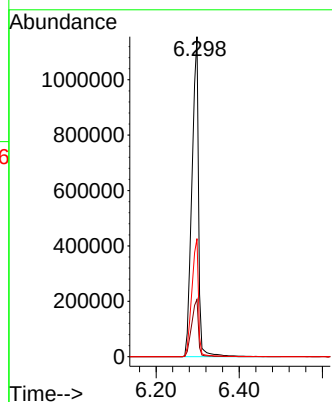
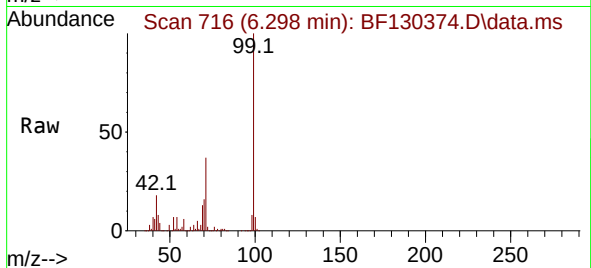




#7
Phenol-d6
Concen: 150.998 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

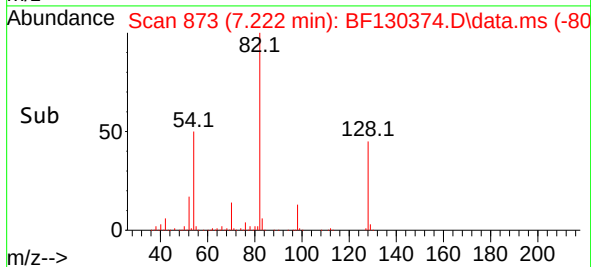
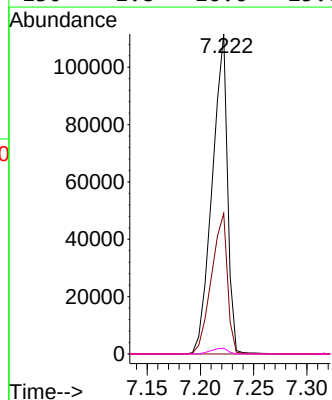
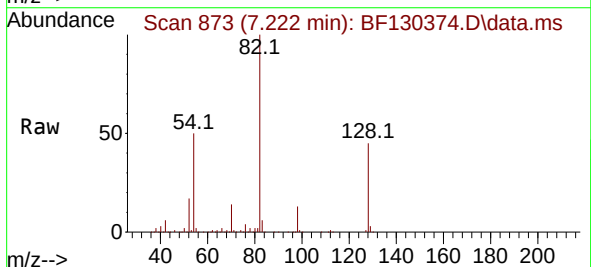
Instrument :
BNA_F
ClientSampleId :
PB147825BL

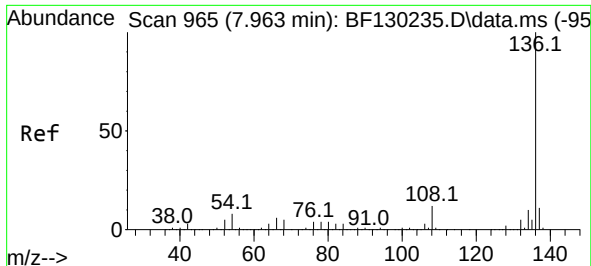
Tgt Ion: 99 Resp: 1274513
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 36.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.565 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.130 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion: 70 Resp: 111433
Ion Ratio Lower Upper
70 100
42 43.9 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#



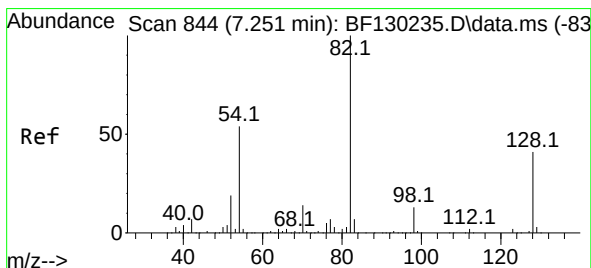
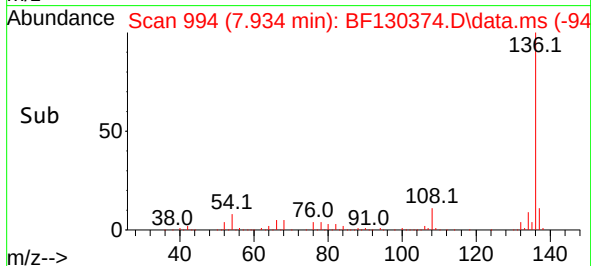
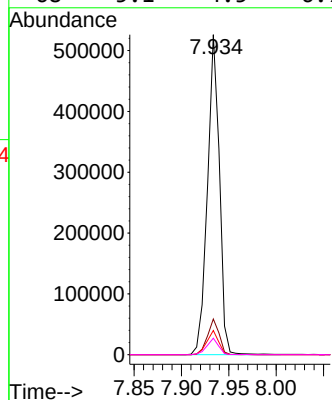
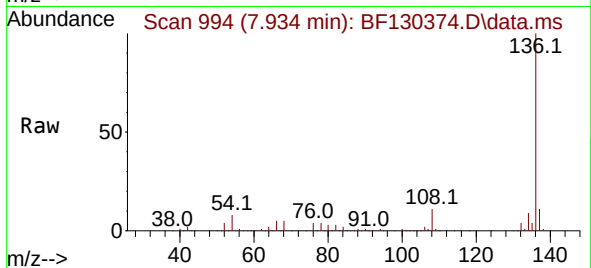


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147825BL

Tgt Ion:136 Resp: 459946

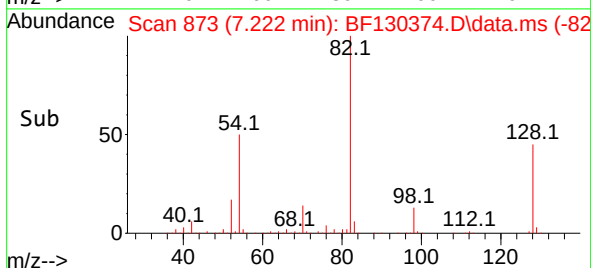
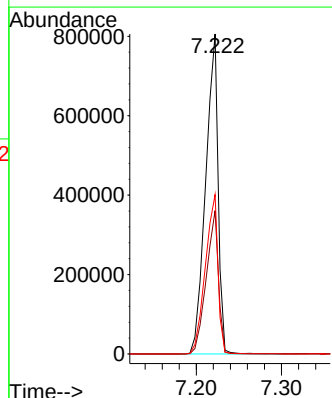
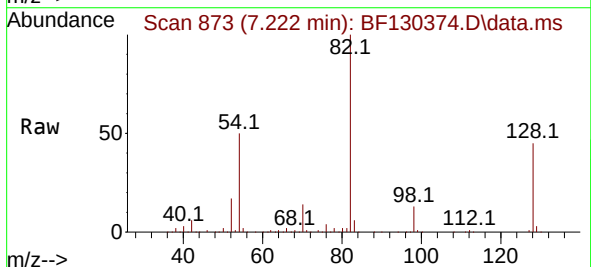
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.5	7.1	10.7
68	5.1	4.5	6.7

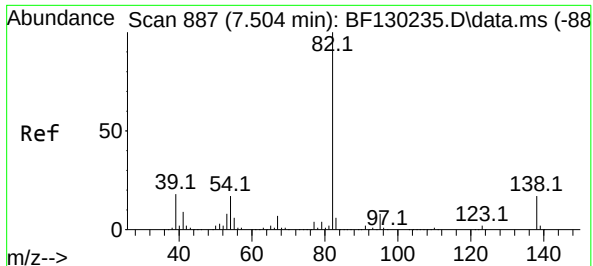


#23
Nitrobenzene-d5
Concen: 90.660 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion: 82 Resp: 816208

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.6	49.0
54	49.8	43.8	65.6

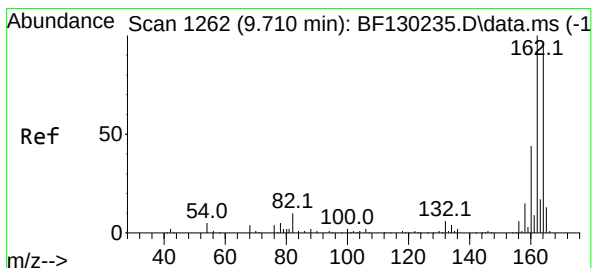
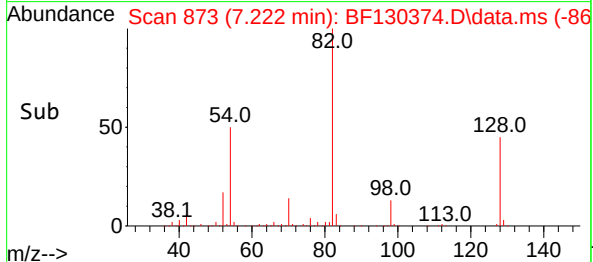
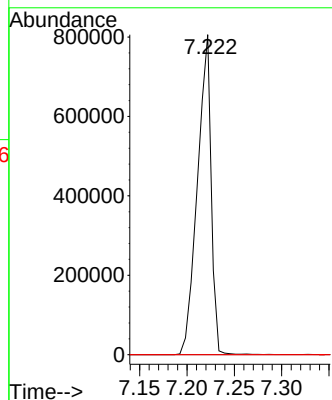
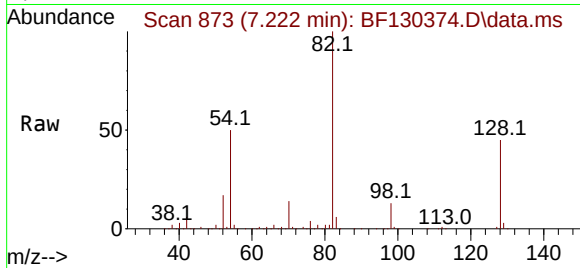




#25
Isophorone
Concen: 56.026 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

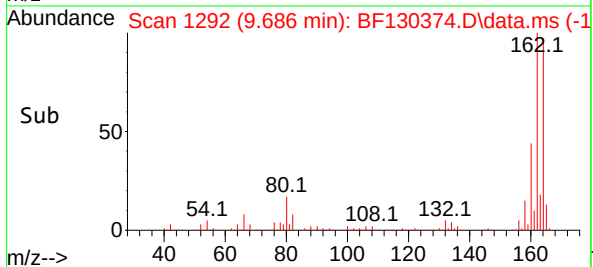
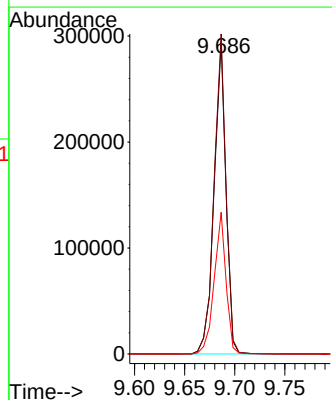
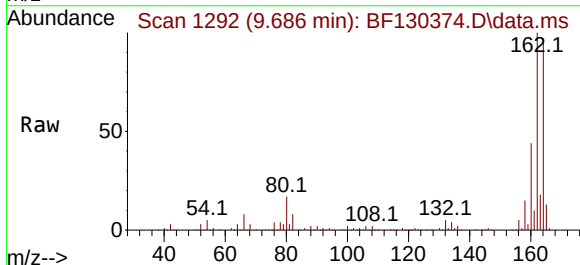
Instrument :
BNA_F
ClientSampleId :
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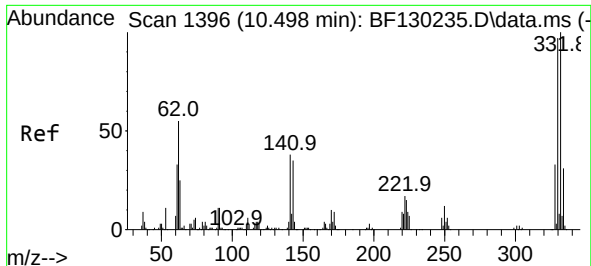
Tgt Ion: 82 Resp: 812976
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

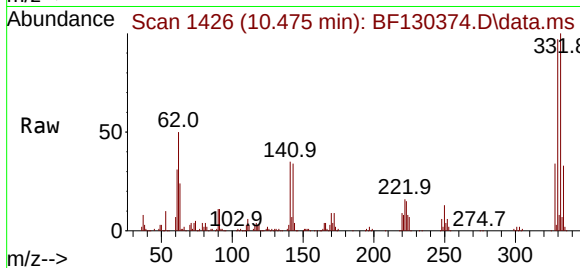
Tgt Ion: 164 Resp: 243203
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.5 36.2 54.4



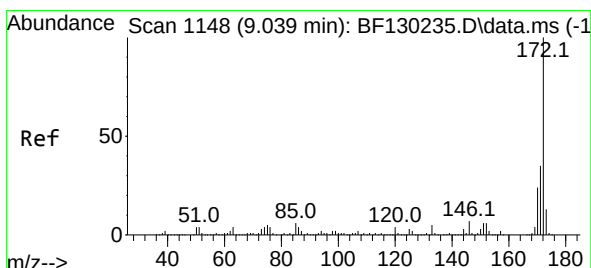
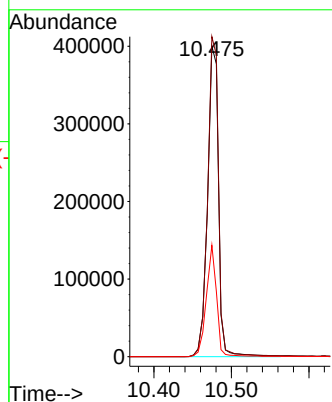
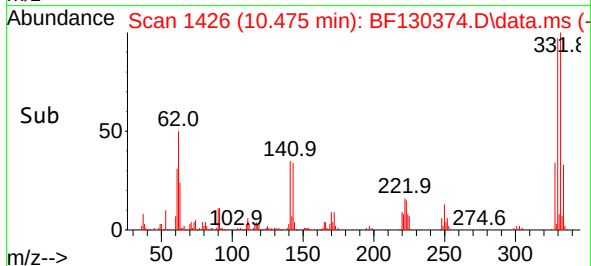


#42
2,4,6-Tribromophenol
Concen: 168.832 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147825BL

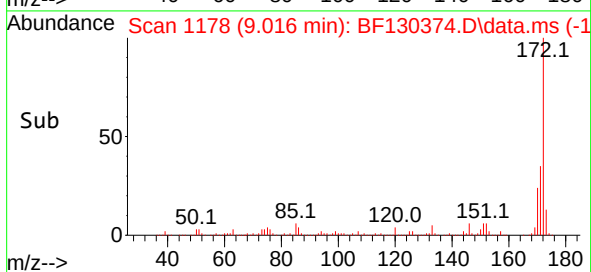
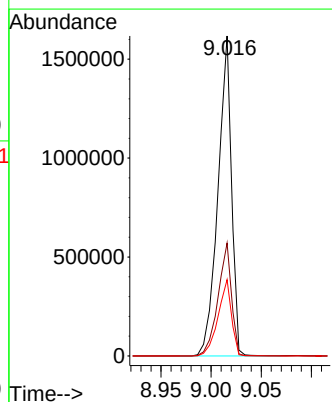
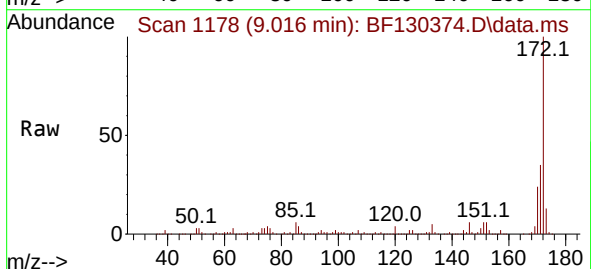


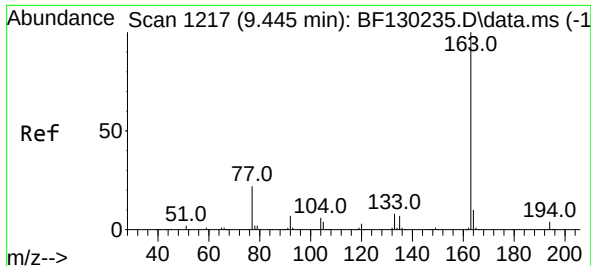
Tgt Ion:330 Resp: 393437
Ion Ratio Lower Upper
330 100
332 103.5 83.4 125.2
141 34.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 91.089 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion:172 Resp: 1521307
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 18.7 28.1

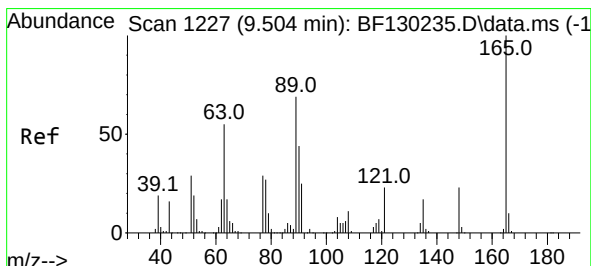
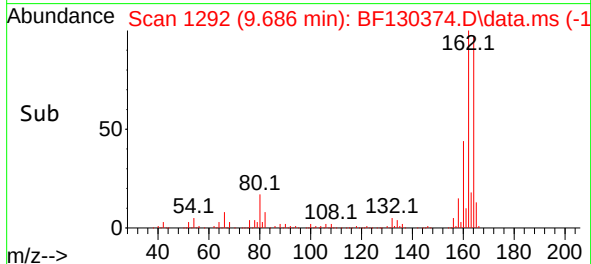
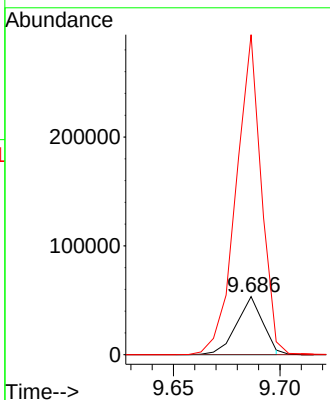
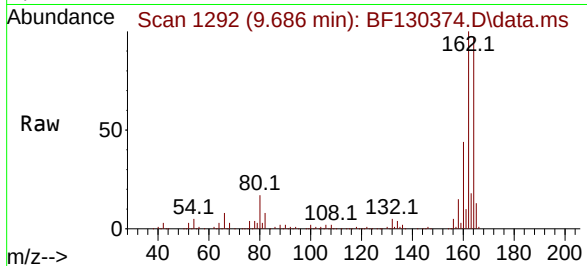




#50
Dimethylphthalate
Concen: 2.748 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

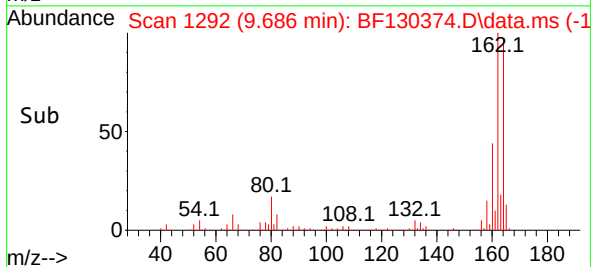
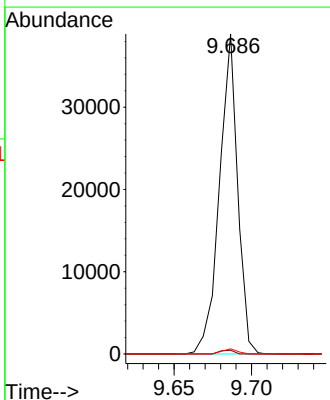
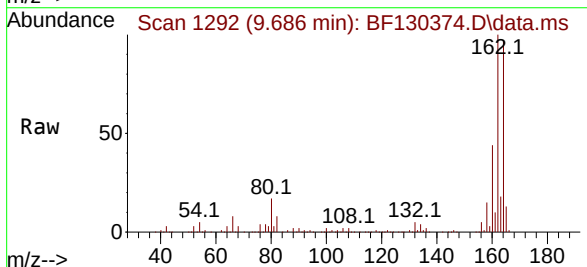
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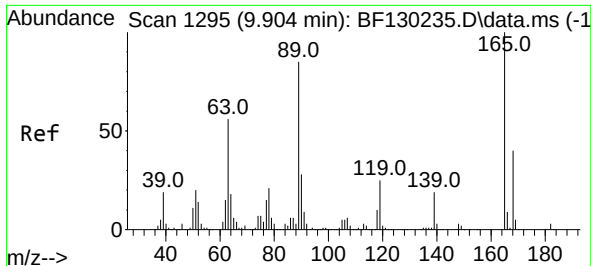
Tgt Ion:163 Resp: 46167
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 550.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.040 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion:165 Resp: 31760
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.6 54.5 81.7#

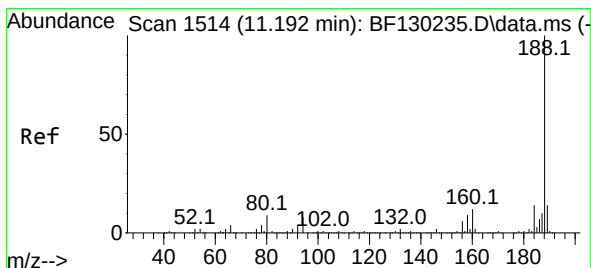
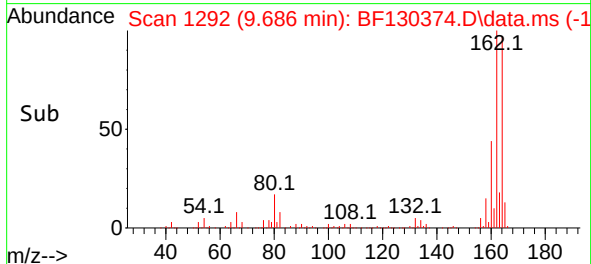
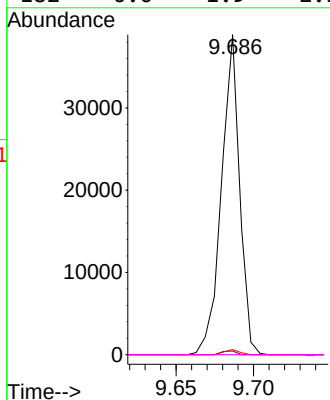
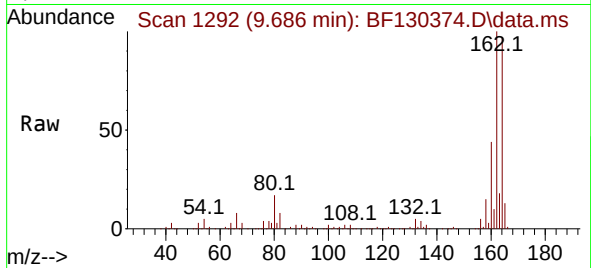




#57
2,4-Dinitrotoluene
Concen: 7.073 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

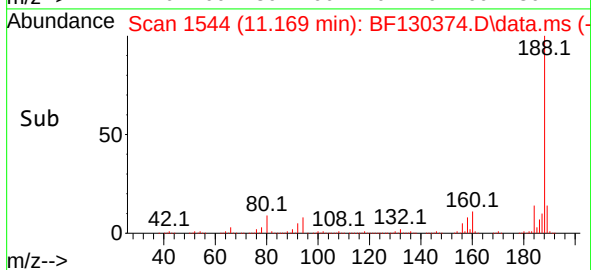
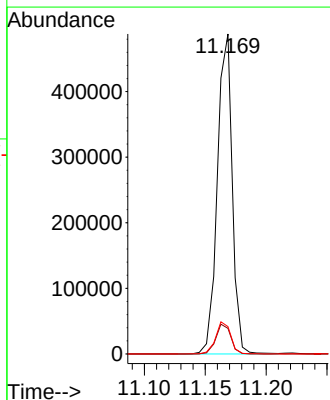
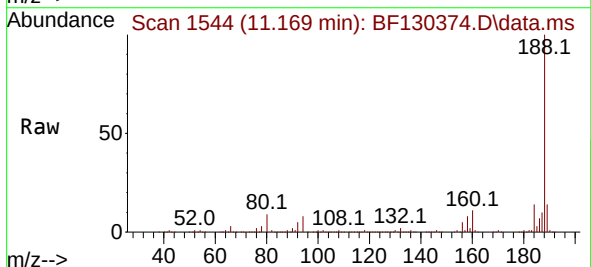
Instrument :
BNA_F
ClientSampleId :
PB147825BL

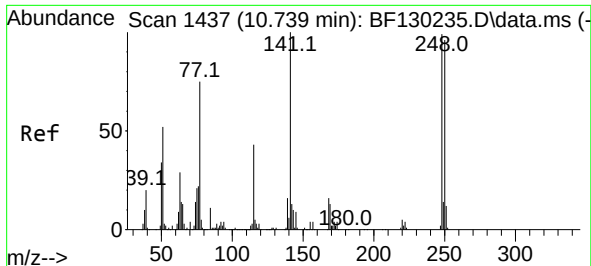
Tgt Ion:165 Resp: 31760
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion:188 Resp: 416102
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.6 7.9 11.9

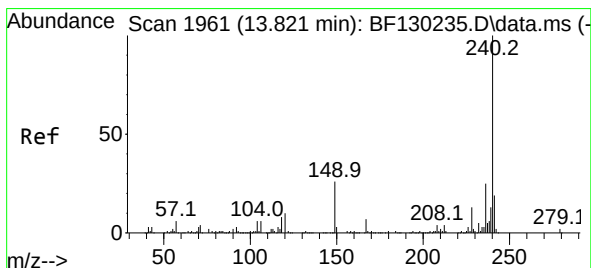
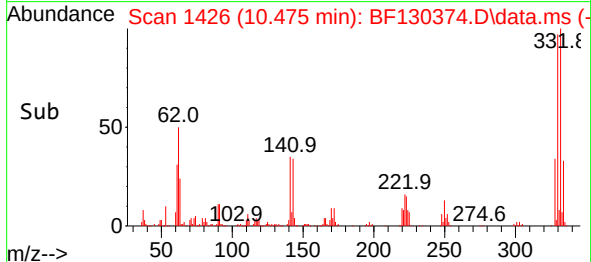
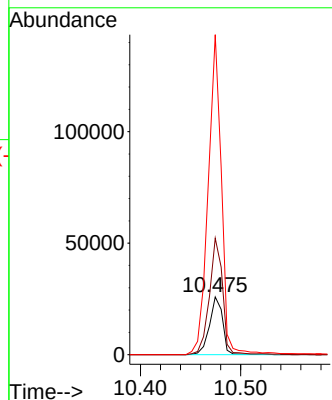
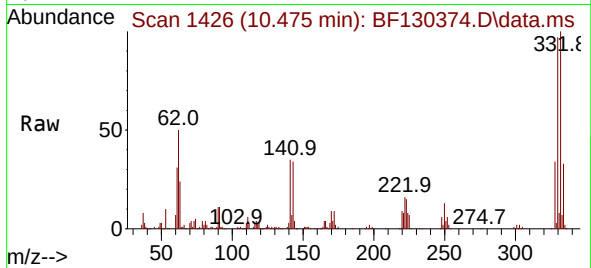




#67
4-Bromophenyl-phenylether
Concen: 5.186 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

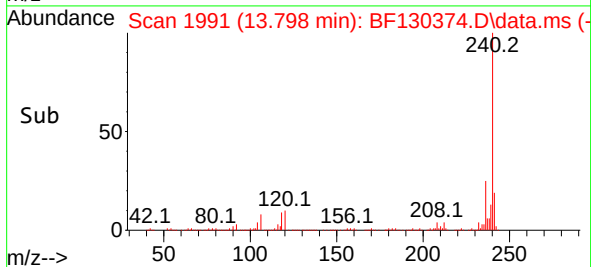
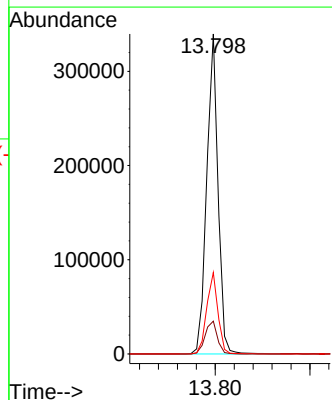
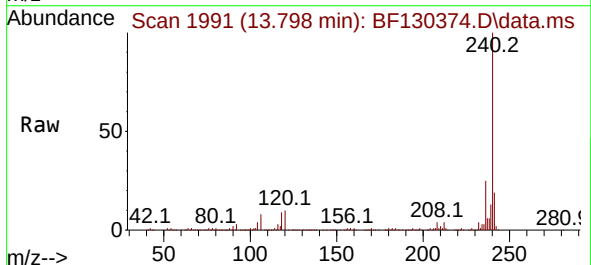
Instrument :
BNA_F
ClientSampleId :
PB147825BL

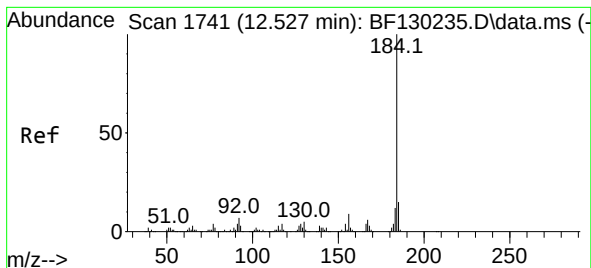
Tgt Ion:248 Resp: 23805
Ion Ratio Lower Upper
248 100
250 201.5 80.0 120.0#
141 553.8 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130374.D
Acq: 22 Sep 2022 13:16

Tgt Ion:240 Resp: 279675
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 25.4 20.9 31.3





#77

Benzidine

Concen: 2.952 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.247 min

Lab File: BF130374.D

Acq: 22 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147825BL

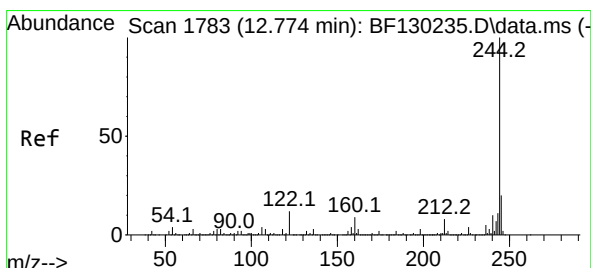
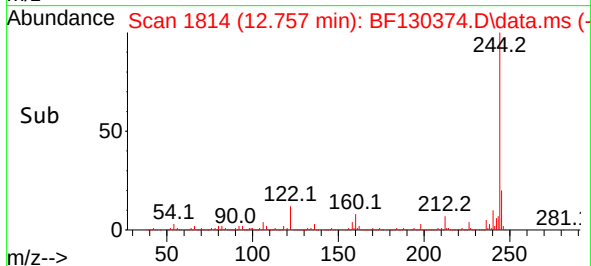
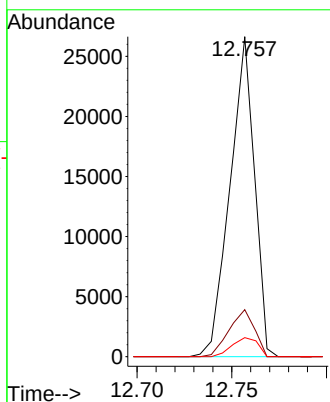
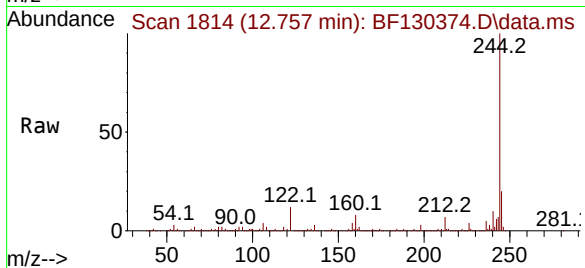
Tgt Ion:184 Resp: 23966

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 5.9 9.1 13.7#



#79

Terphenyl-d14

Concen: 98.001 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF130374.D

Acq: 22 Sep 2022 13:16

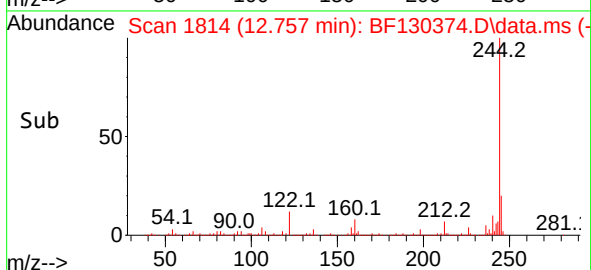
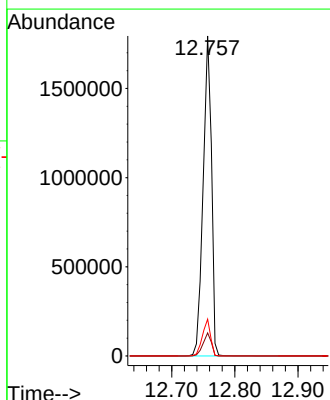
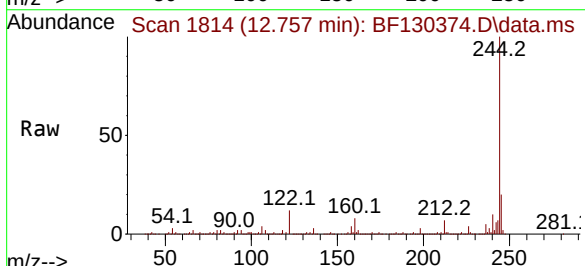
Tgt Ion:244 Resp: 1654601

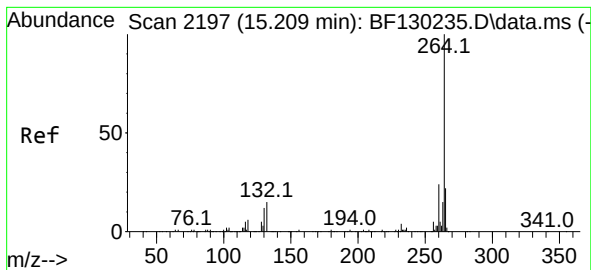
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

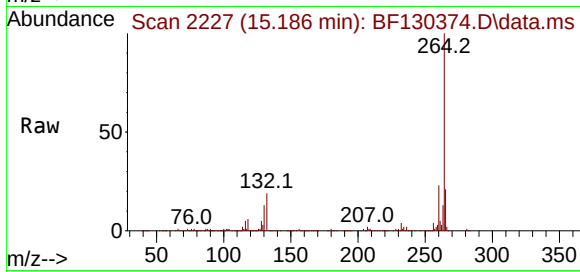
122 11.5 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130374.D
 Acq: 22 Sep 2022 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB147825BL



Tgt Ion:264 Resp: 213441

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.5	17.0	25.4

