

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131430.D
 Acq On : 28 Nov 2022 15:27
 Operator : CG\JU
 Sample : PB149225TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149225TB

Quant Time: Nov 29 00:55:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

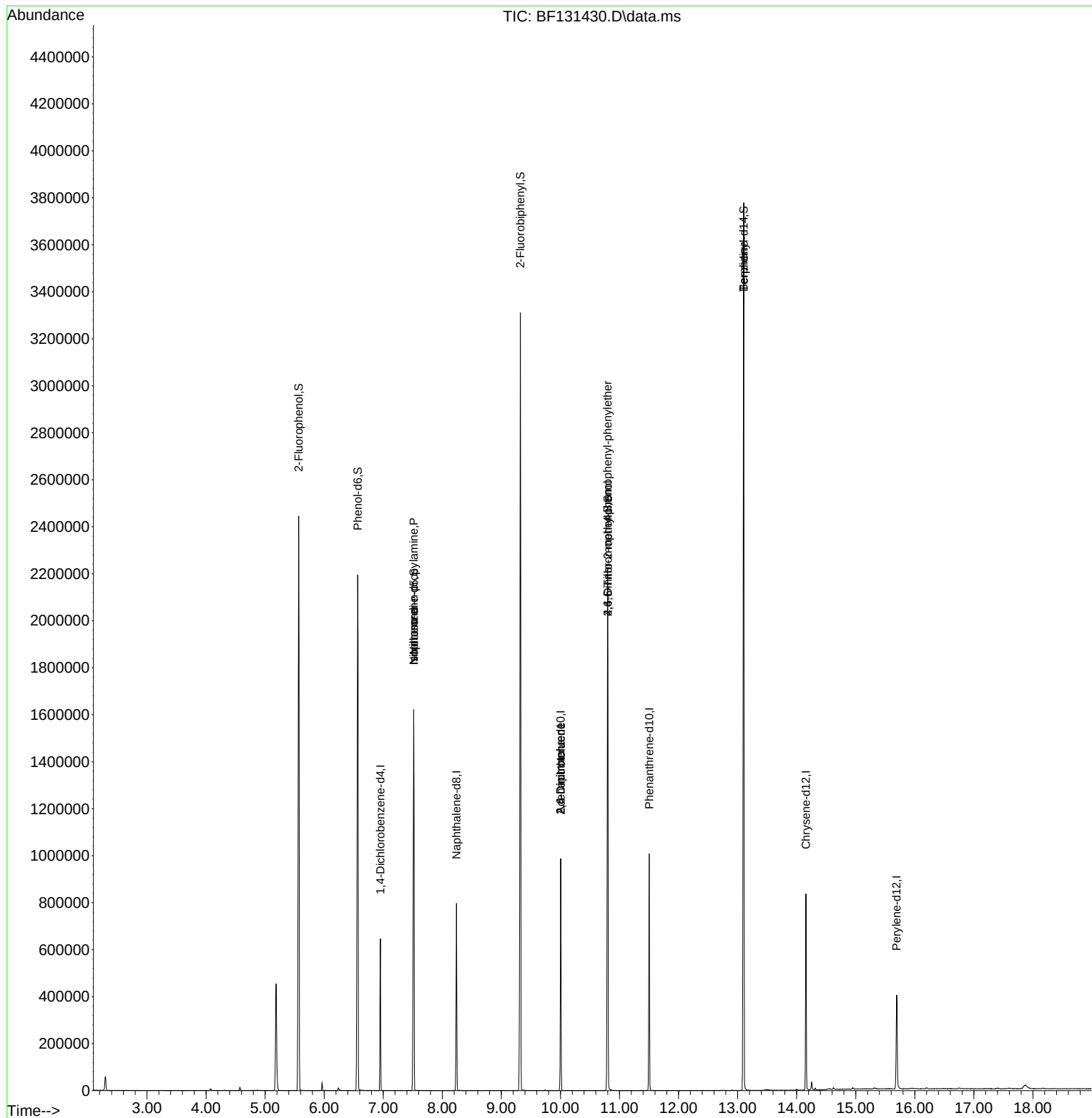
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	83024	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	310197	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	185722	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	362750	20.000	ng	0.00
76) Chrysene-d12	14.157	240	266799	20.000	ng	-0.01
86) Perylene-d12	15.692	264	201772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	654826	150.110	ng	0.01
7) Phenol-d6	6.569	99	812517	145.984	ng	0.00
23) Nitrobenzene-d5	7.516	82	546349	88.785	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	266870	170.798	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1035905	81.146	ng	0.00
79) Terphenyl-d14	13.104	244	1406240	86.191	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	1424	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	77666	19.062	ng	# 75
25) Isophorone	7.516	82	545121	49.653	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	24376	9.420	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	24376	7.486	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	593	5.001	ng	# 30
67) 4-Bromophenyl-phenylether	10.798	248	17694	3.980	ng	# 1
77) Benzidine	13.104	184	19682	3.994	ng	# 94

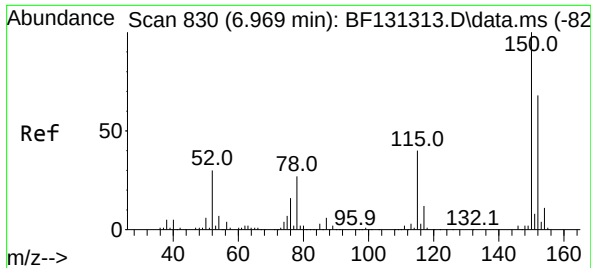
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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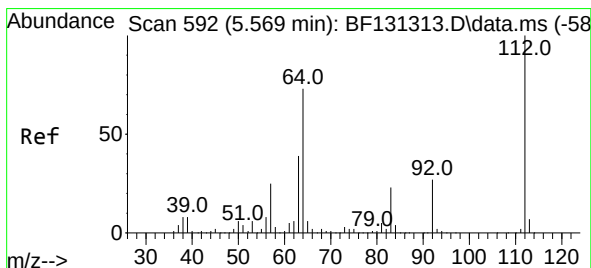
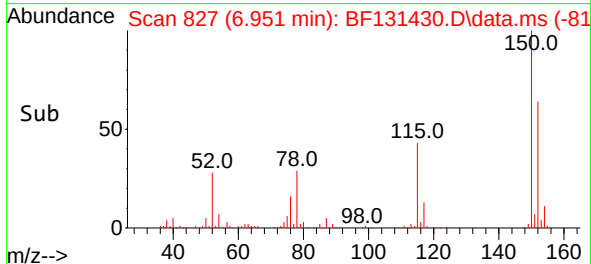
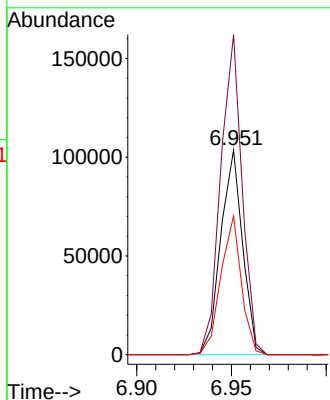
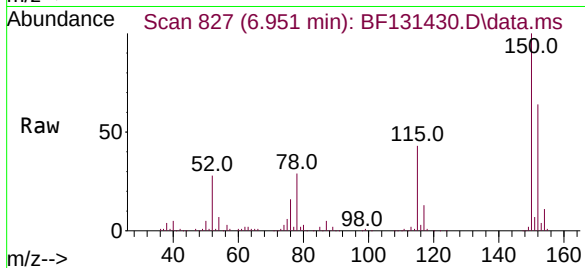




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

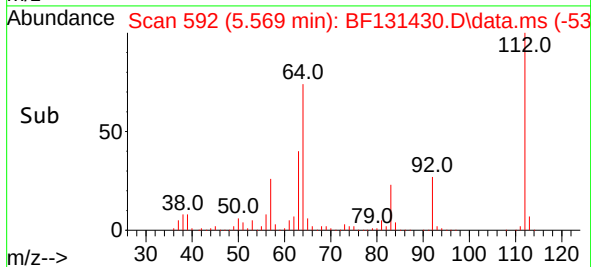
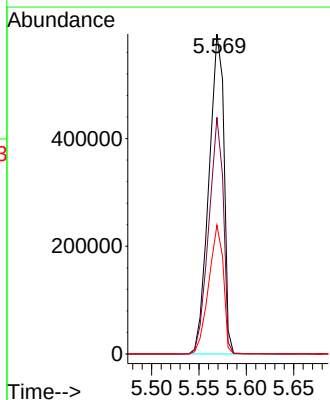
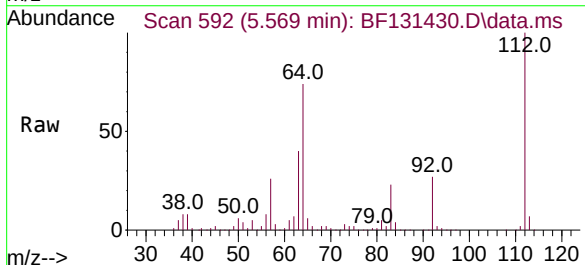
Instrument :
BNA_F
ClientSampleId :
PB149225TB

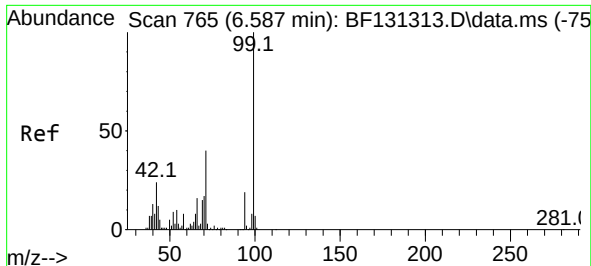
Tgt Ion:152 Resp: 83024
Ion Ratio Lower Upper
152 100
150 156.4 117.8 176.8
115 67.8 47.1 70.7



#5
2-Fluorophenol
Concen: 150.110 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:112 Resp: 654826
Ion Ratio Lower Upper
112 100
64 73.9 58.6 88.0
63 40.2 31.4 47.0

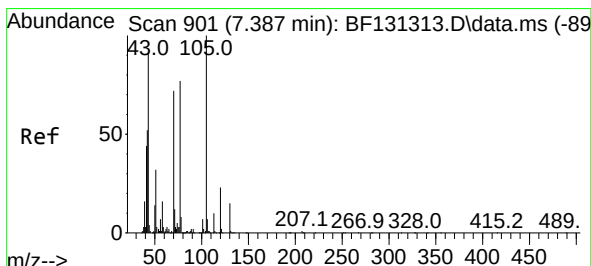
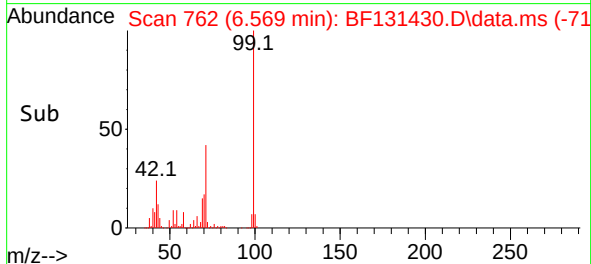
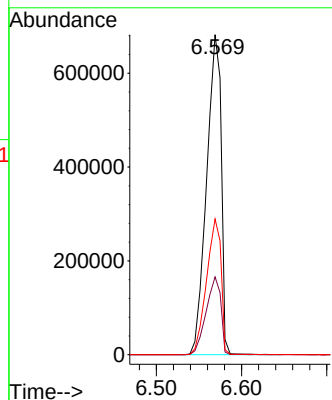
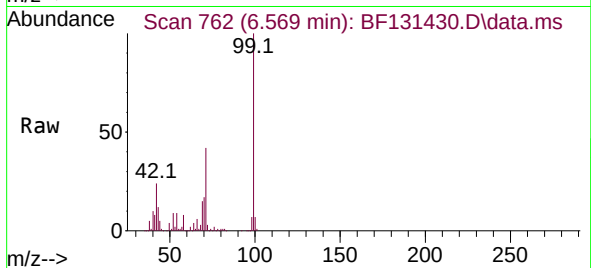




#7
Phenol-d6
Concen: 145.984 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

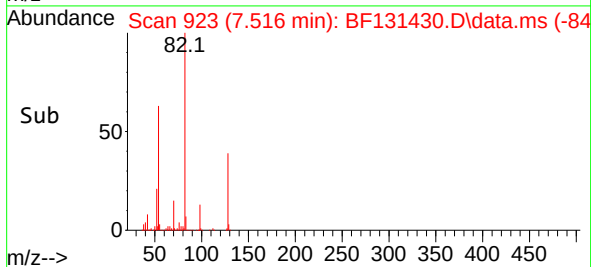
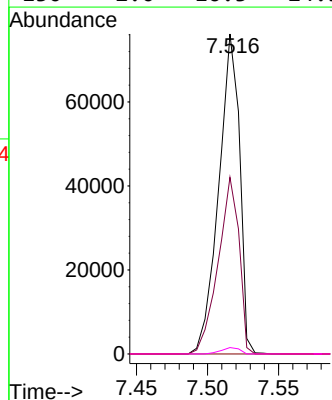
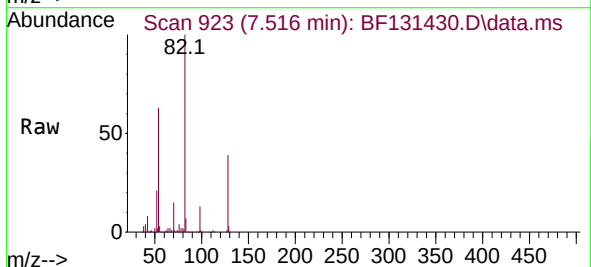
Instrument :
BNA_F
ClientSampleId :
PB149225TB

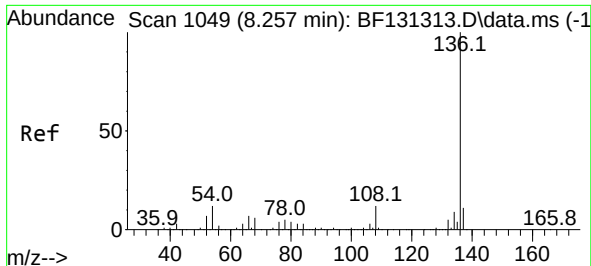
Tgt Ion: 99 Resp: 812517
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.2
71 42.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.062 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion: 70 Resp: 77666
Ion Ratio Lower Upper
70 100
42 55.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#



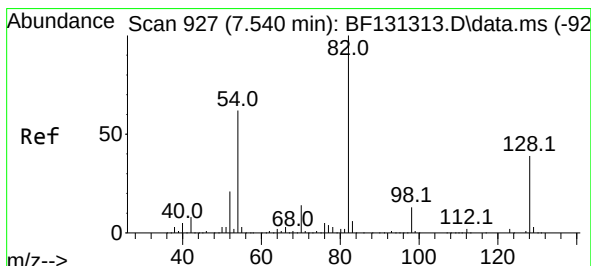
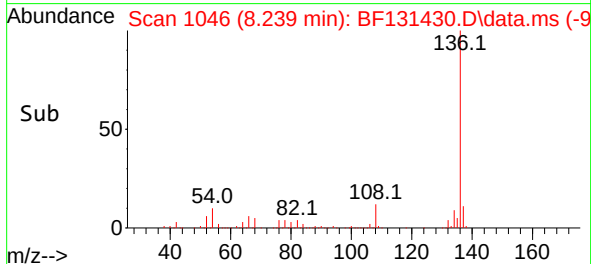
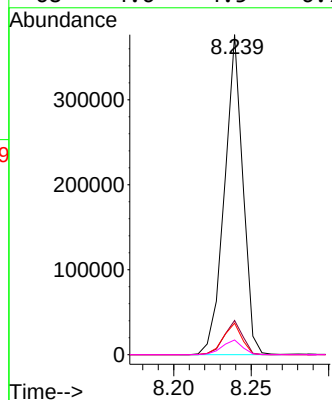
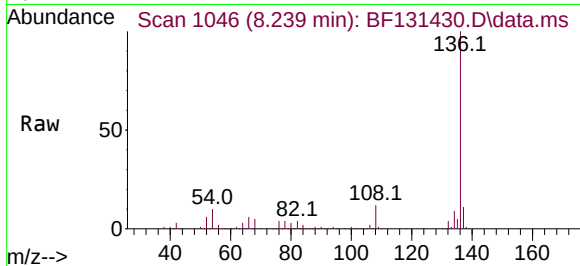


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Instrument :
BNA_F
ClientSampleId :
PB149225TB

Tgt Ion:136 Resp: 310197

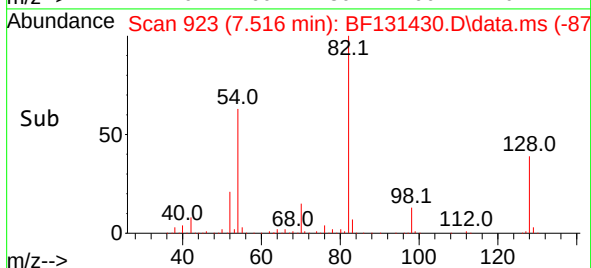
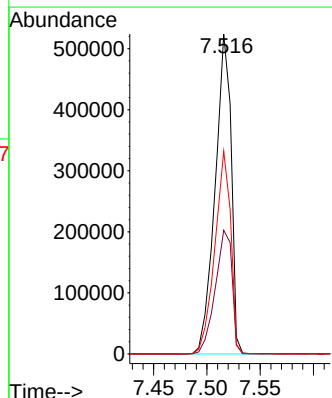
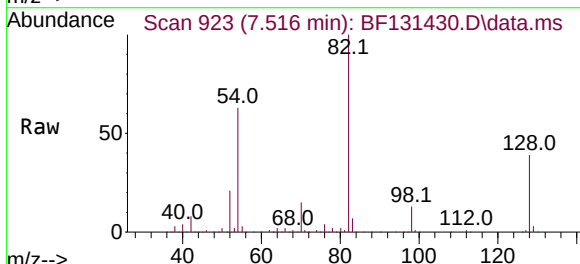
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.9	9.4	14.0
68	4.6	4.5	6.7

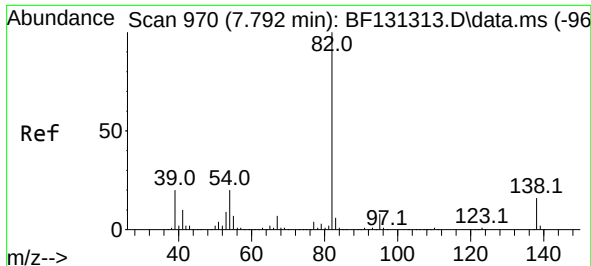


#23
Nitrobenzene-d5
Concen: 88.785 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion: 82 Resp: 546349

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.4	47.0
54	63.3	49.8	74.6

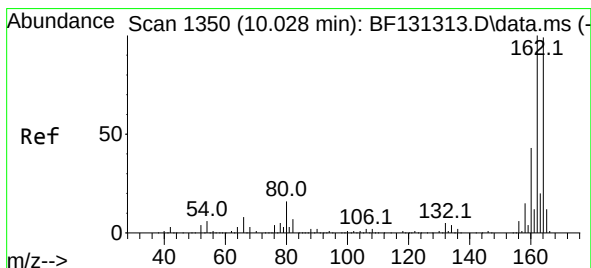
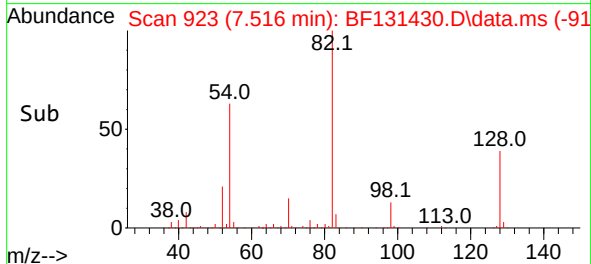
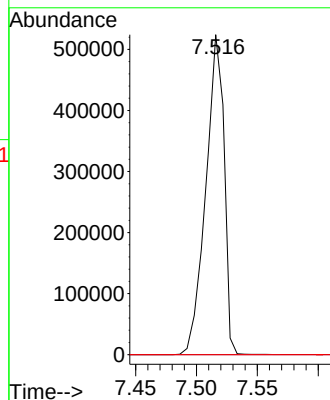
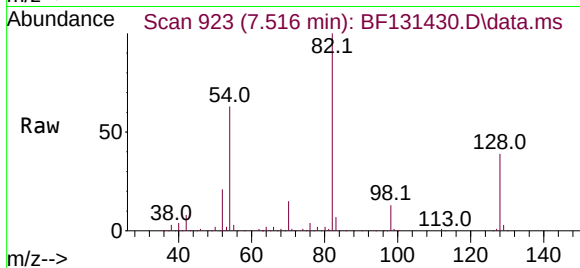




#25
Isophorone
Concen: 49.653 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

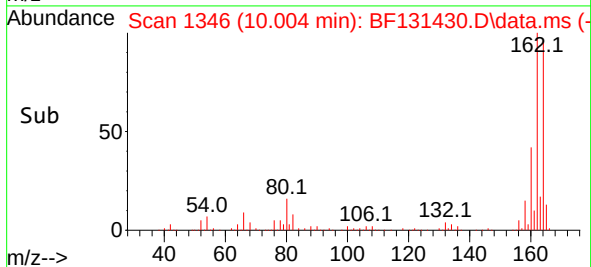
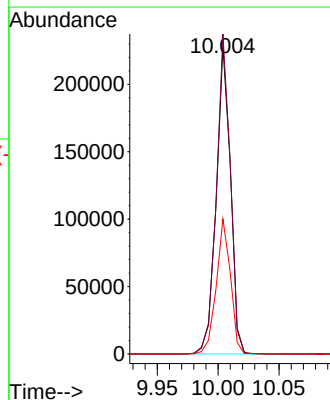
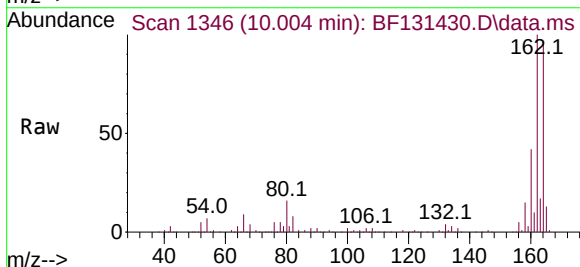
Instrument :
BNA_F
ClientSampleId :
PB149225TB

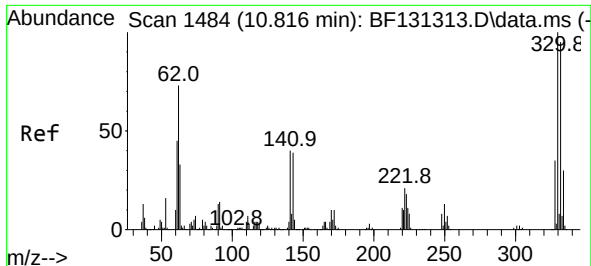
Tgt Ion: 82 Resp: 545121
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:164 Resp: 185722
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 43.9 34.4 51.6

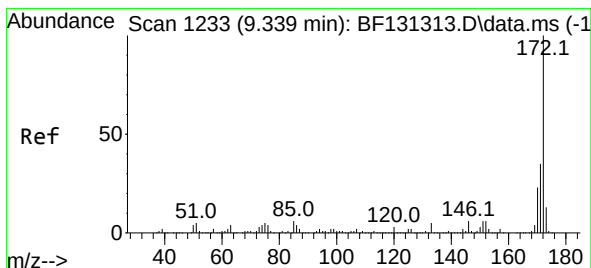
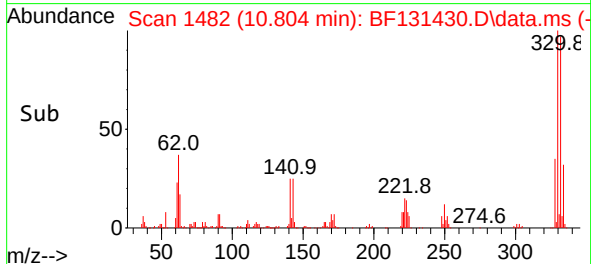
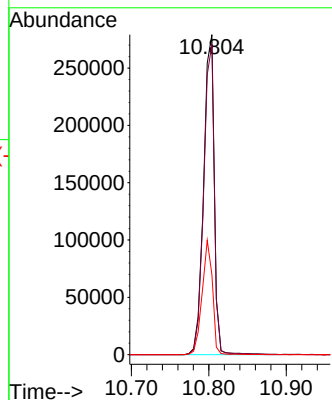
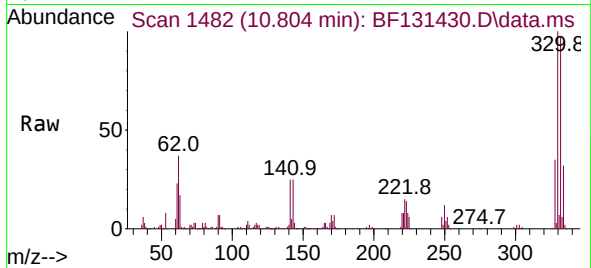




#42
2,4,6-Tribromophenol
Concen: 170.798 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

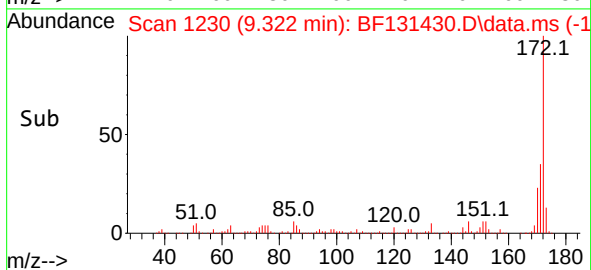
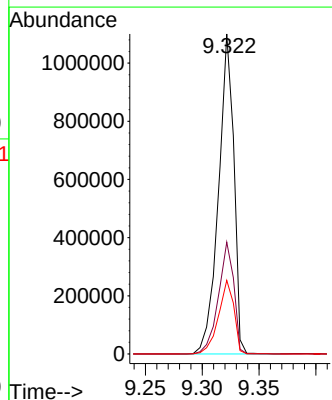
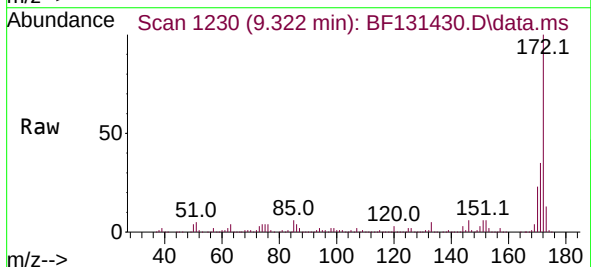
Instrument :
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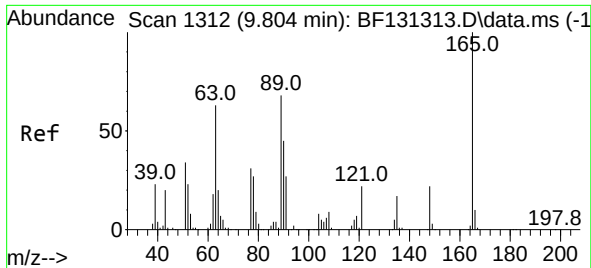
Tgt Ion: 330 Resp: 266870
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 34.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 81.146 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion: 172 Resp: 1035905
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.0 18.7 28.1

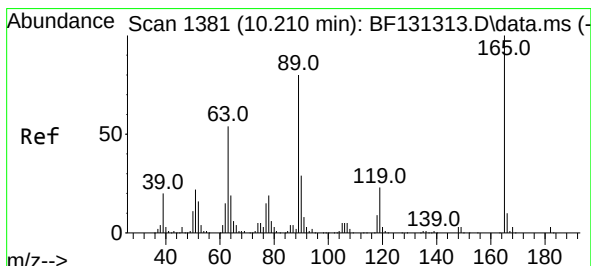
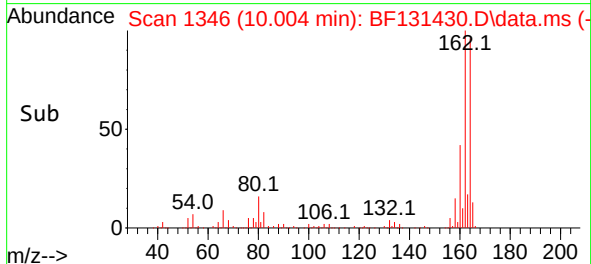
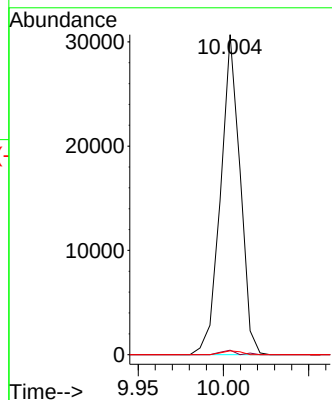
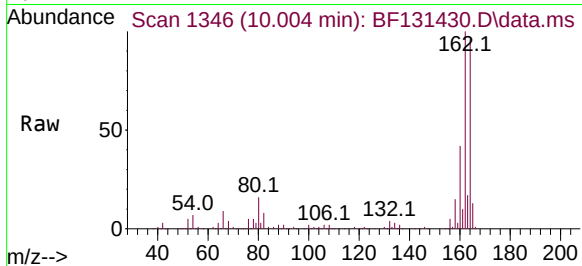




#51
2,6-Dinitrotoluene
Concen: 9.420 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

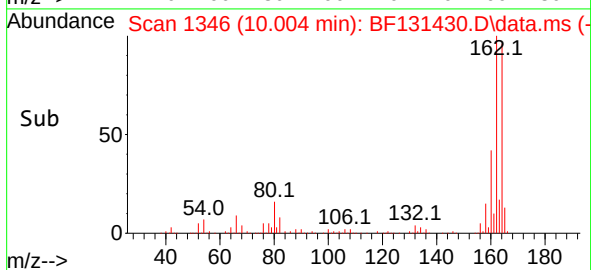
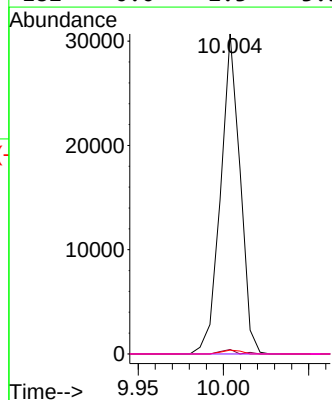
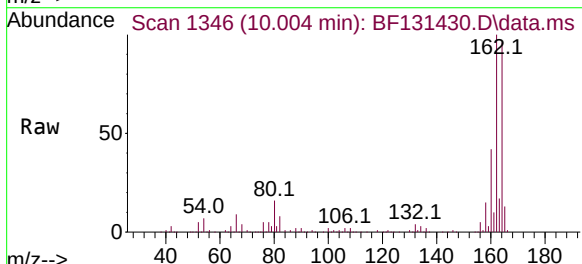
Instrument :
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ClientSampleId :
PB149225TB

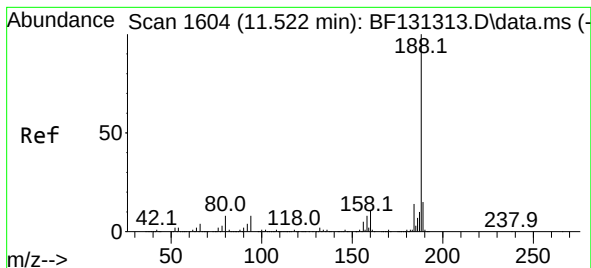
Tgt Ion:165 Resp: 24376
Ion Ratio Lower Upper
165 100
63 1.4 62.0 93.0#
89 1.2 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.486 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.194 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:165 Resp: 24376
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.2 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131430.D

Acq: 28 Nov 2022 15:27

Instrument :

BNA_F

ClientSampleId :

PB149225TB

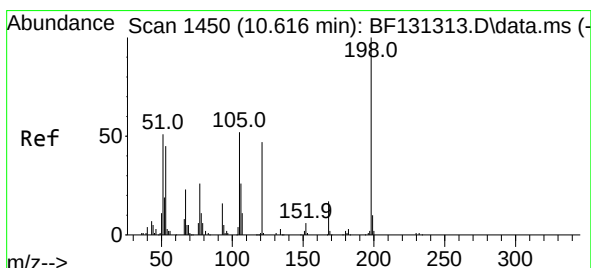
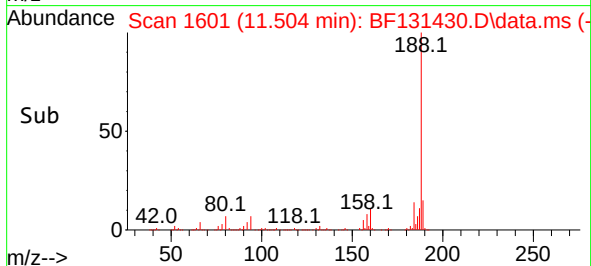
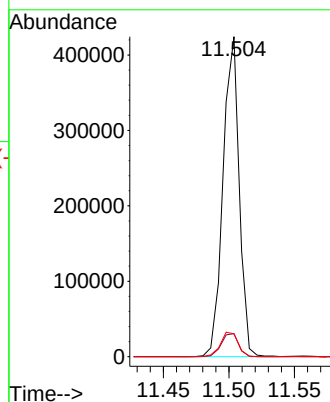
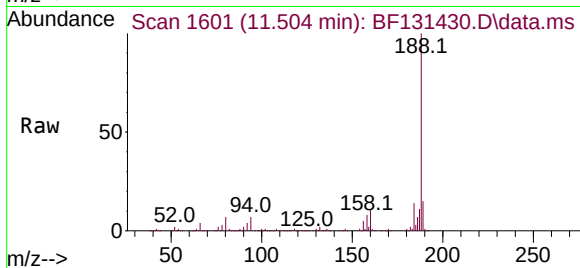
Tgt Ion:188 Resp: 362750

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 7.2 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.001 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.200 min

Lab File: BF131430.D

Acq: 28 Nov 2022 15:27

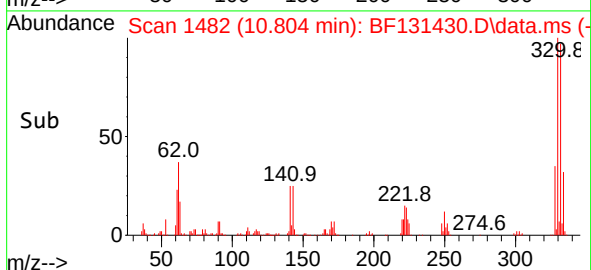
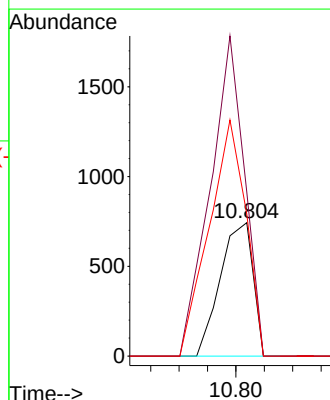
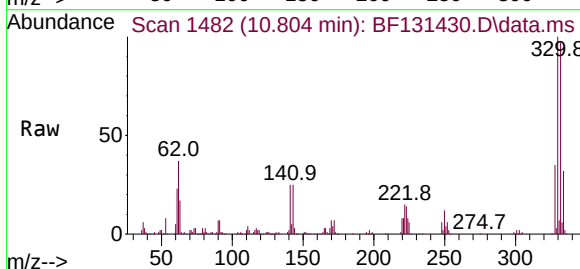
Tgt Ion:198 Resp: 593

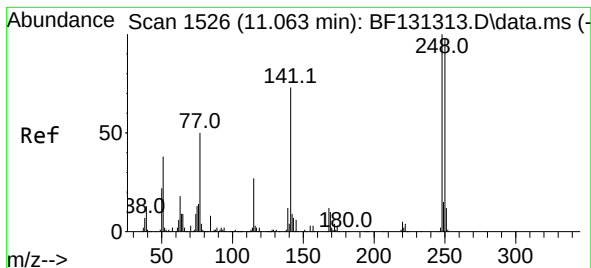
Ion Ratio Lower Upper

198 100

51 123.1 50.1 90.1#

105 106.6 32.5 72.5#

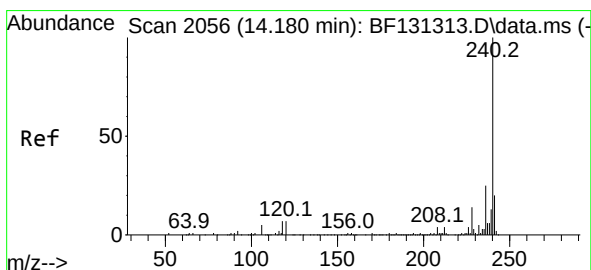
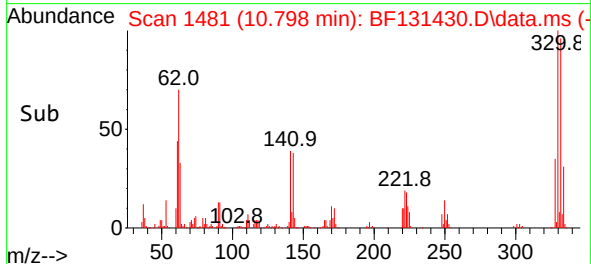
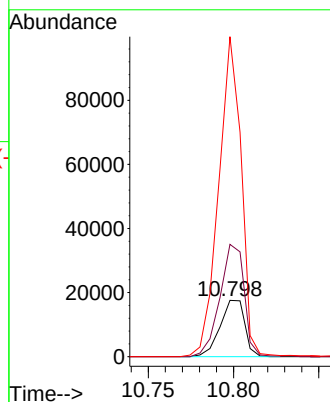
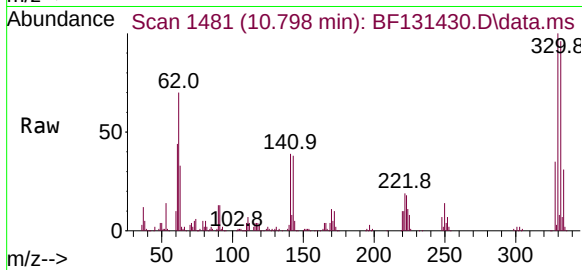




#67
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

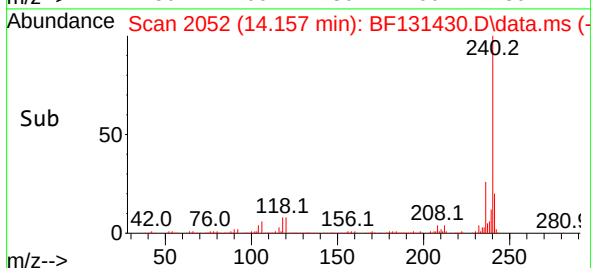
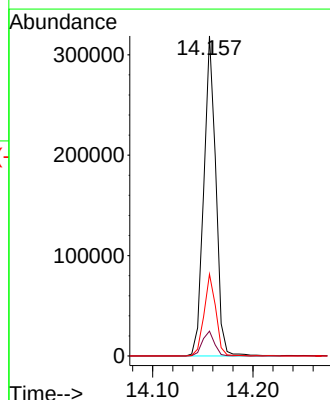
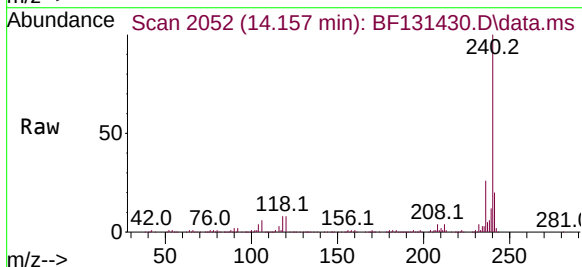
Instrument :
BNA_F
ClientSampleId :
PB149225TB

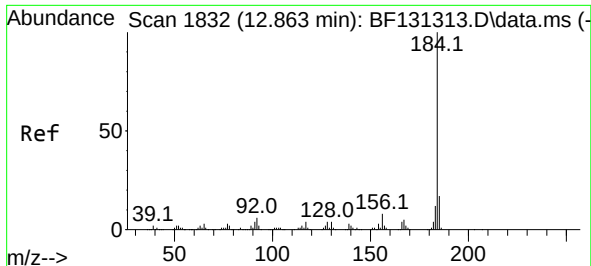
Tgt Ion:248 Resp: 17694
Ion Ratio Lower Upper
248 100
250 199.5 78.3 117.5#
141 568.7 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

Tgt Ion:240 Resp: 266799
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 25.6 20.3 30.5

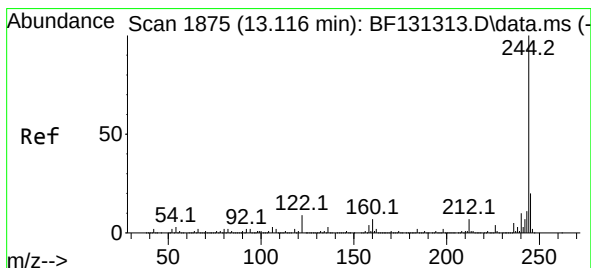
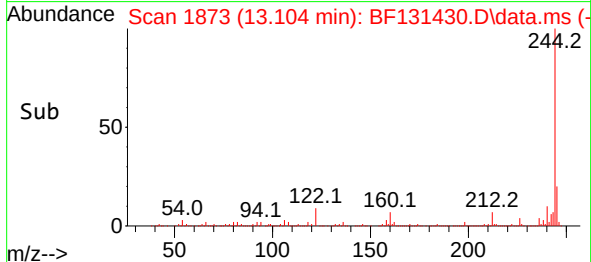
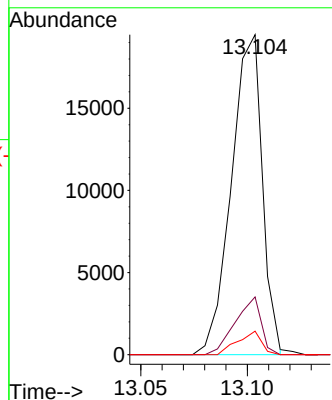
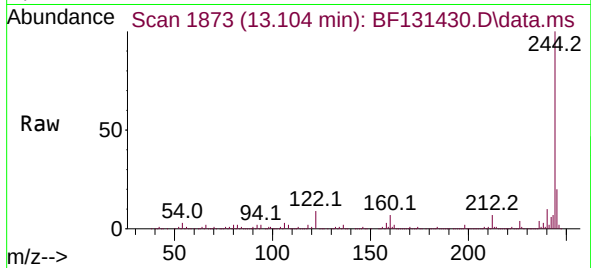




#77
Benzidine
Concen: 3.994 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.253 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

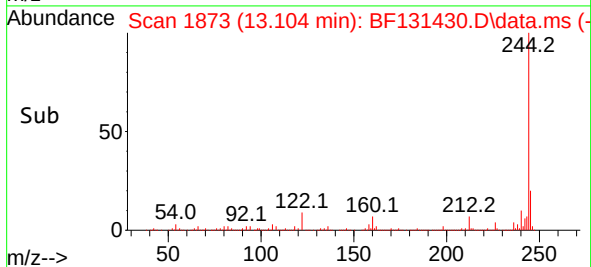
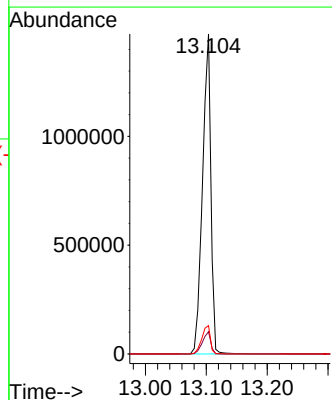
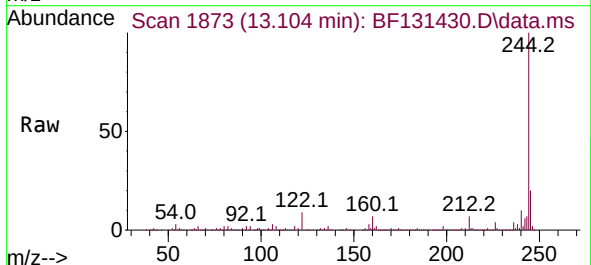
Instrument :
BNA_F
ClientSampleId :
PB149225TB

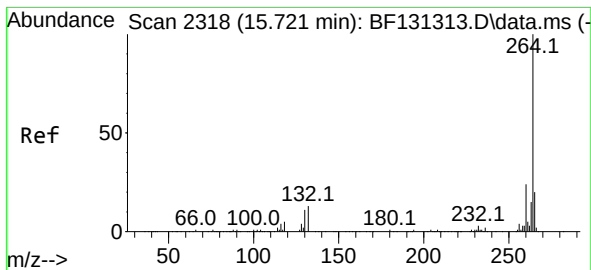
Tgt Ion:184 Resp: 19682
Ion Ratio Lower Upper
184 100
185 18.0 13.8 20.8
183 7.4 9.6 14.4#



#79
Terphenyl-d14
Concen: 86.191 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BF131430.D
Acq: 28 Nov 2022 15:27

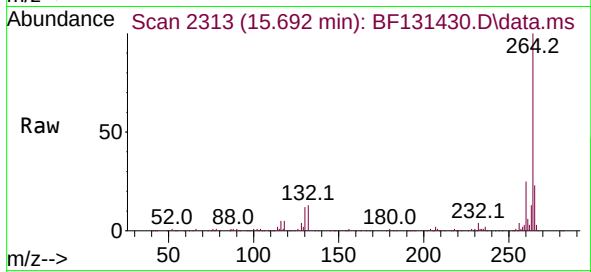
Tgt Ion:244 Resp: 1406240
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.8 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131430.D
 Acq: 28 Nov 2022 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB149225TB



Tgt Ion:264 Resp: 201772
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 22.7 16.4 24.6

