

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131468.D
 Acq On : 30 Nov 2022 11:52
 Operator : CG\JU
 Sample : PB149313TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149313TB

Quant Time: Dec 01 01:11:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

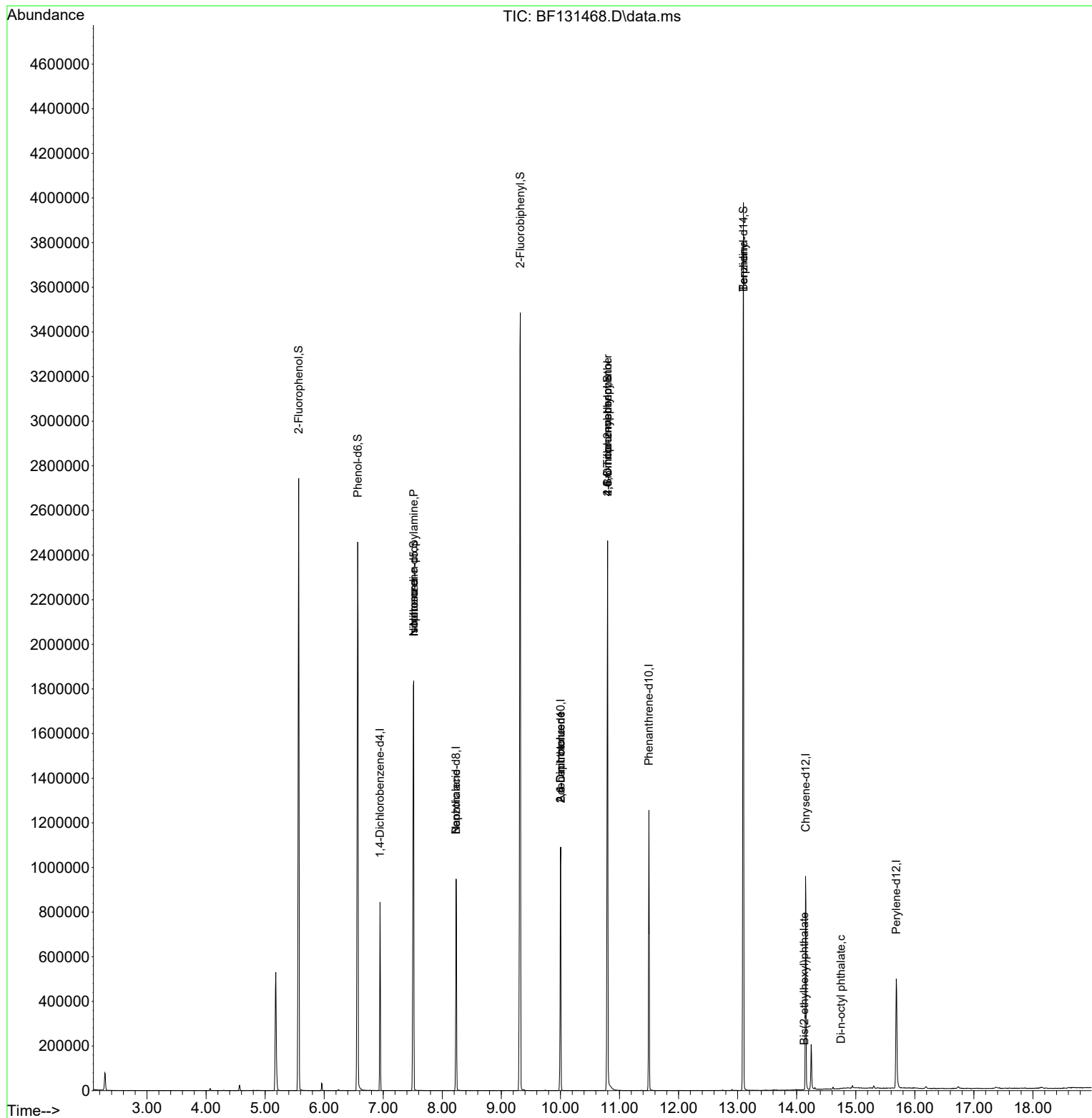
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	116614	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	430190	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	241166	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	434443	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	334672	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	250471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	752160	122.757	ng	0.01
7) Phenol-d6	6.569	99	994559	127.220	ng	0.00
23) Nitrobenzene-d5	7.516	82	705862	82.711	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	314114	154.816	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1288010	77.698	ng	0.00
79) Terphenyl-d14	13.098	244	1483513	72.487	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	1390	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	93879	16.404	ng	# 67
25) Isophorone	7.516	82	704873	46.295	ng	# 68
32) Benzoic acid	8.233	122	71	5.149	ng	# 1
51) 2,6-Dinitrotoluene	10.004	165	31054	9.241	ng	# 14
57) 2,4-Dinitrotoluene	10.004	165	31054	7.345	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	542	4.899	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19456	3.654	ng	# 1
77) Benzidine	13.098	184	17676	2.859	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.127	149	394	3.776	ng	# 89
85) Di-n-octyl phthalate	14.751	149	621	3.939	ng	# 88

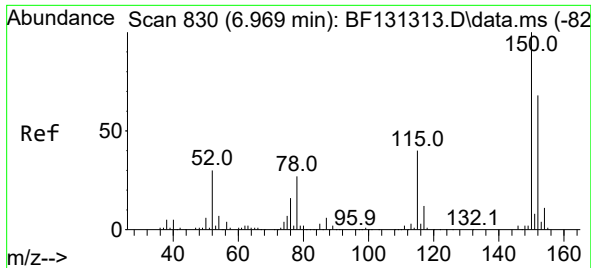
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
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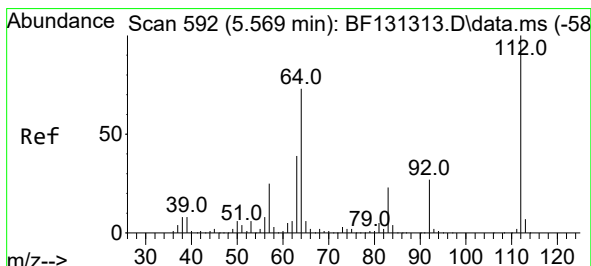
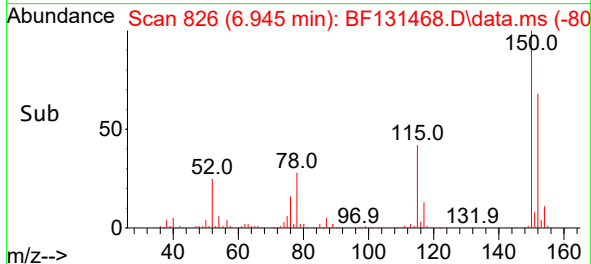
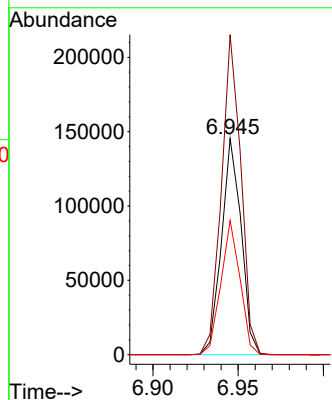
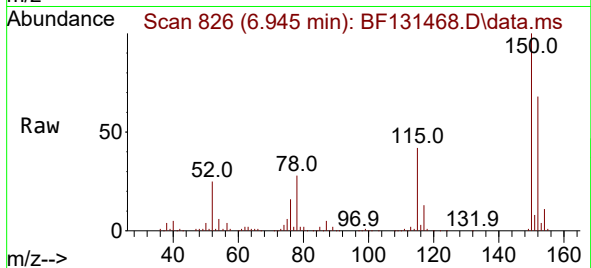




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

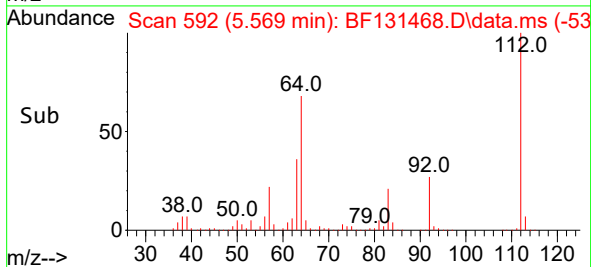
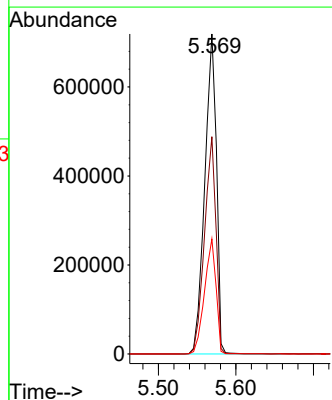
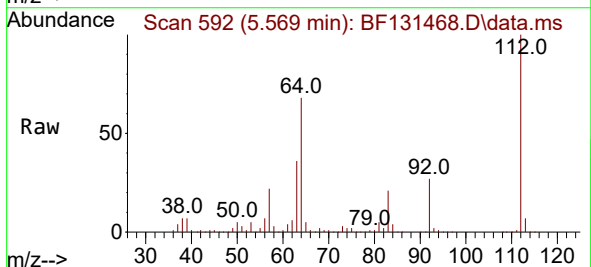
Instrument :
BNA_F
ClientSampleId :
PB149313TB

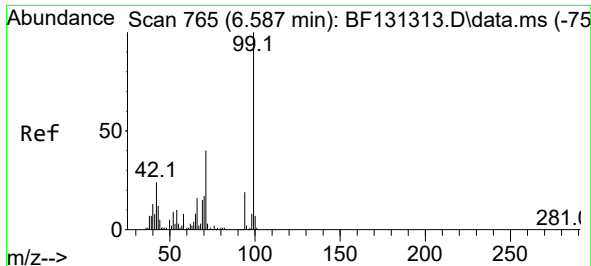
Tgt Ion:152 Resp: 116614
Ion Ratio Lower Upper
152 100
150 148.1 117.8 176.8
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 122.757 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion:112 Resp: 752160
Ion Ratio Lower Upper
112 100
64 67.9 58.6 88.0
63 36.0 31.4 47.0

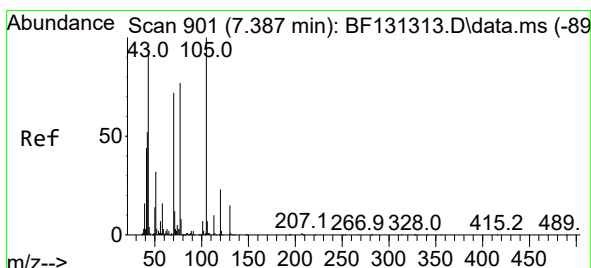
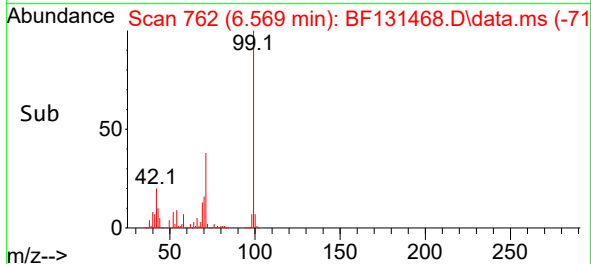
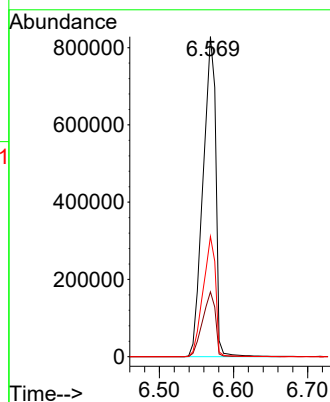
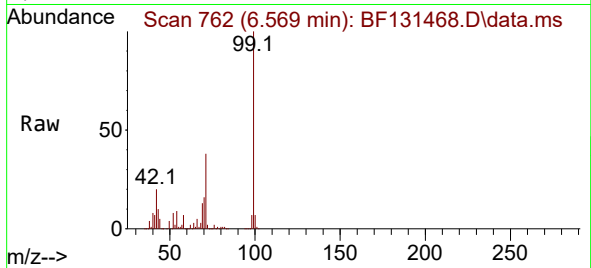




#7
Phenol-d6
Concen: 127.220 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

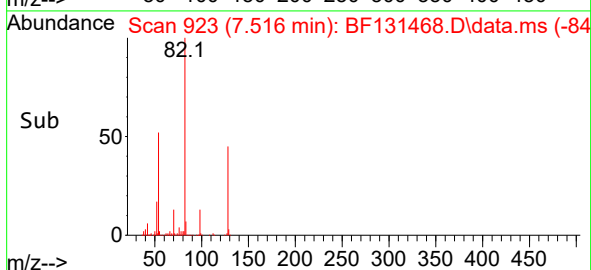
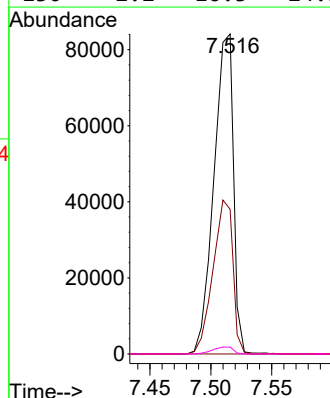
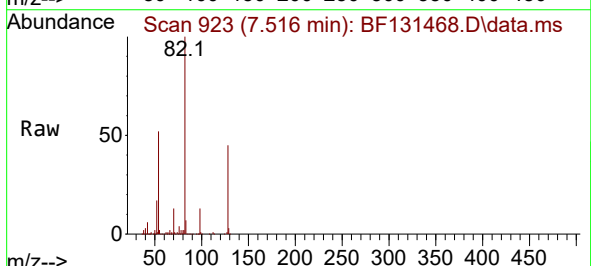
Instrument :
BNA_F
ClientSampleId :
PB149313TB

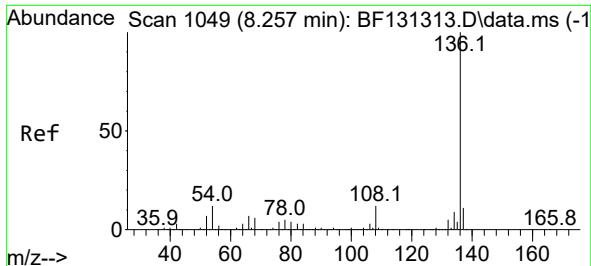
Tgt Ion: 99 Resp: 994559
Ion Ratio Lower Upper
99 100
42 20.3 19.4 29.2
71 37.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.404 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion: 70 Resp: 93879
Ion Ratio Lower Upper
70 100
42 45.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

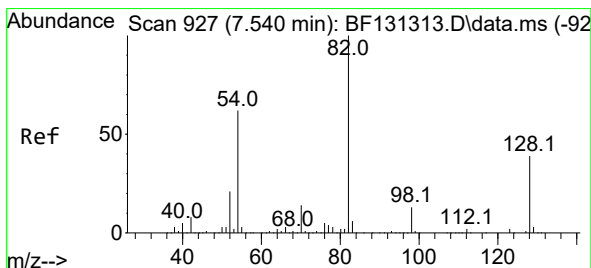
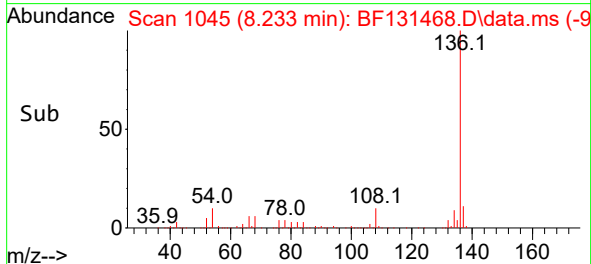
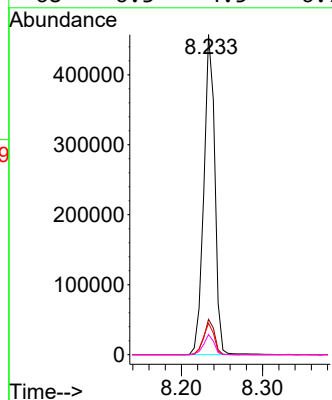
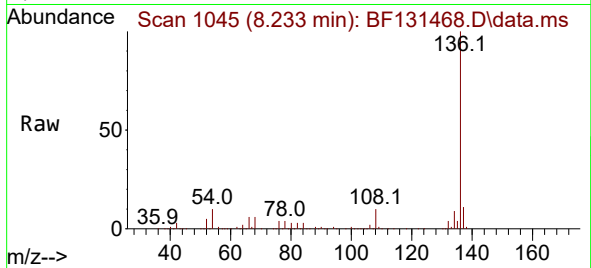




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

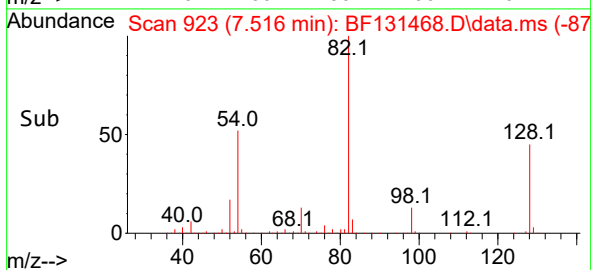
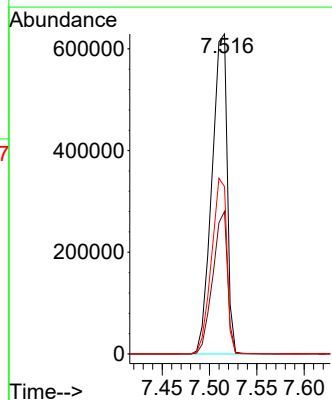
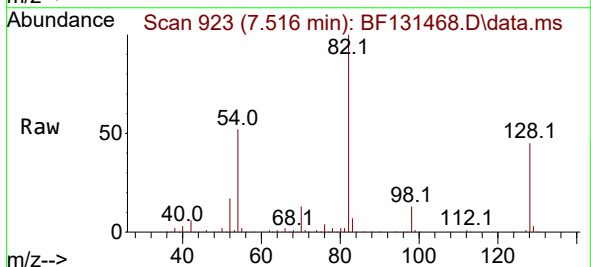
Instrument :
BNA_F
ClientSampleId :
PB149313TB

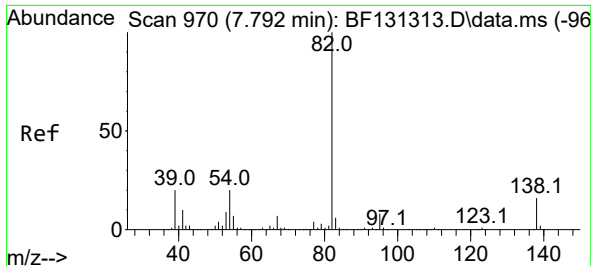
Tgt Ion:136 Resp: 430190
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 9.4 14.0
68 6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.711 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.000 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion: 82 Resp: 705862
Ion Ratio Lower Upper
82 100
128 44.5 31.4 47.0
54 52.3 49.8 74.6

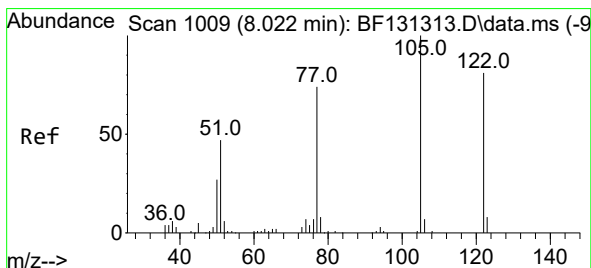
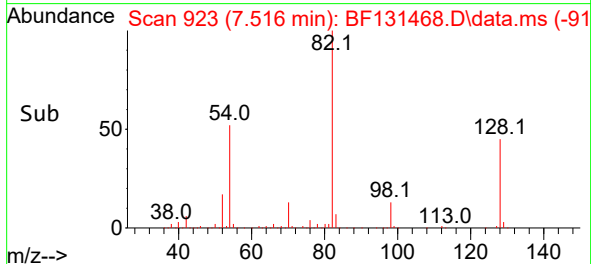
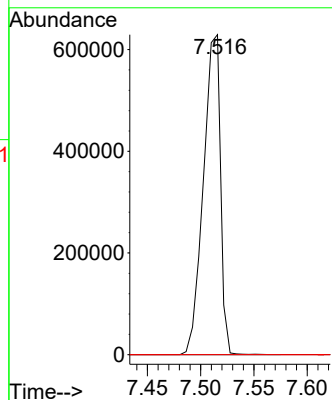
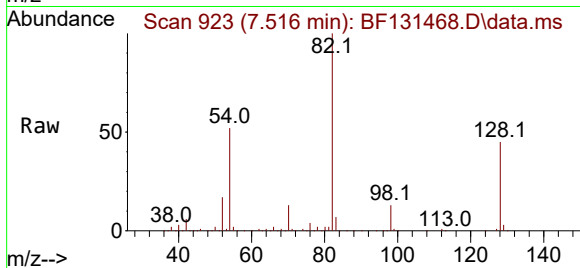




#25
Isophorone
Concen: 46.295 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

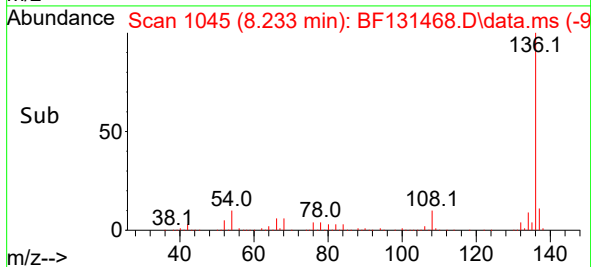
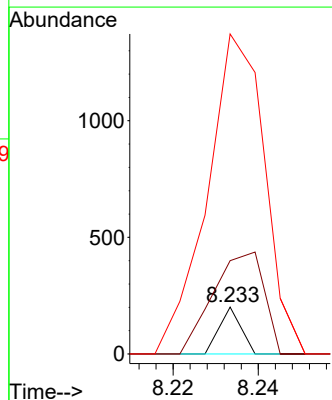
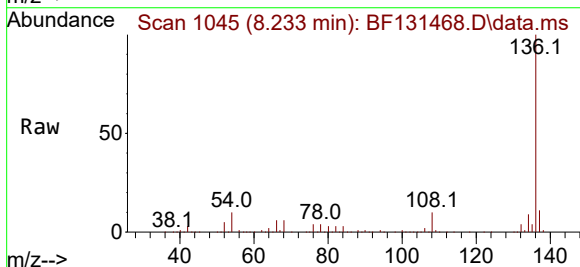
Instrument :
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ClientSampleId :
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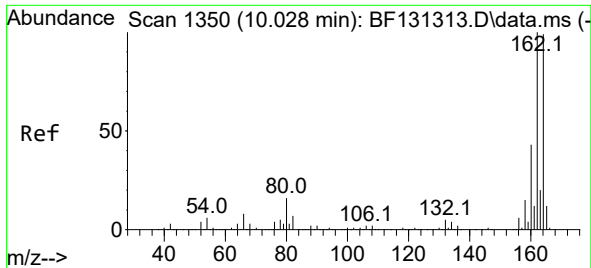
Tgt Ion: 82 Resp: 704873
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.149 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.235 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion: 122 Resp: 71
Ion Ratio Lower Upper
122 100
105 199.0 103.8 143.8#
77 682.6 74.3 114.3#

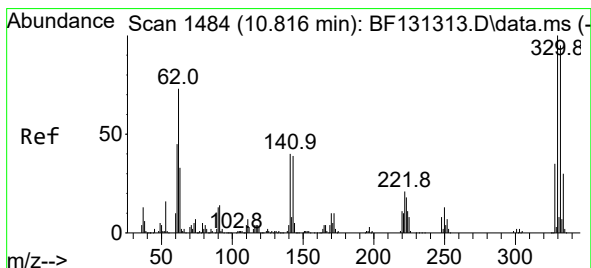
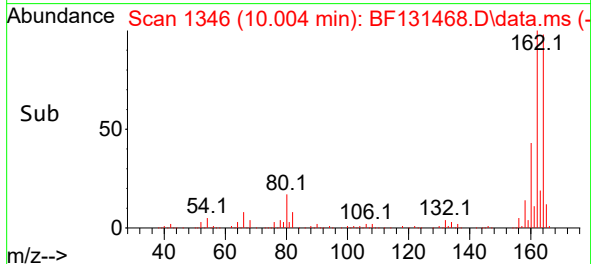
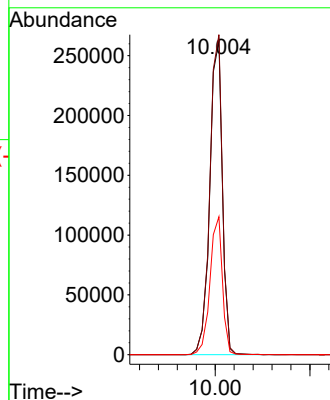
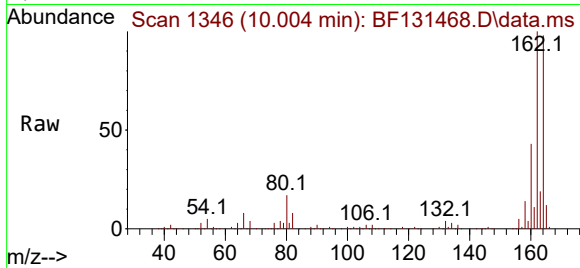




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

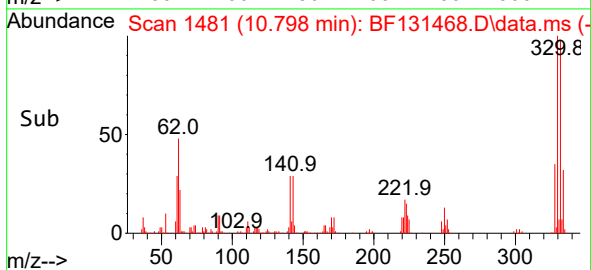
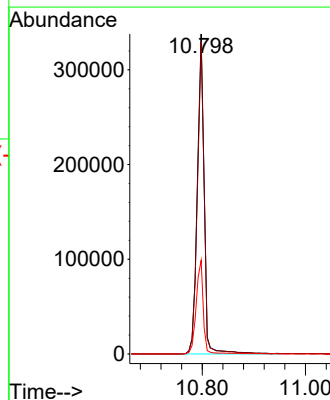
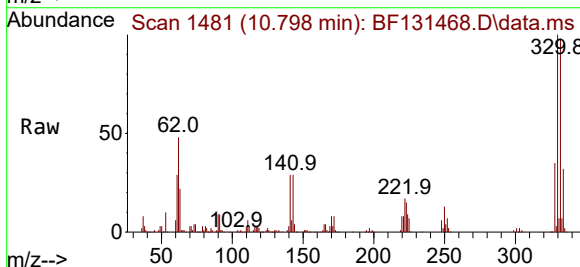
Instrument :
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ClientSampleId :
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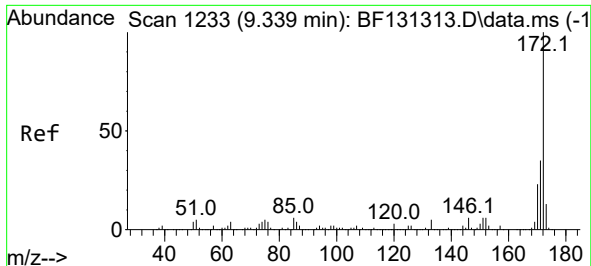
Tgt Ion:164 Resp: 241166
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 44.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 154.816 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion:330 Resp: 314114
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 29.5 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 77.698 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131468.D

Acq: 30 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB149313TB

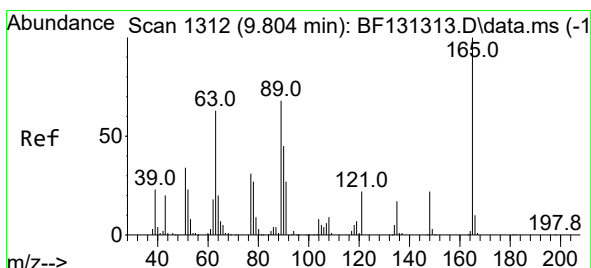
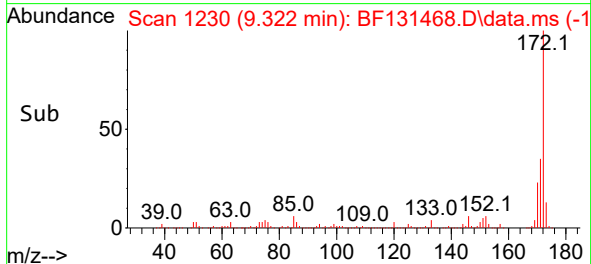
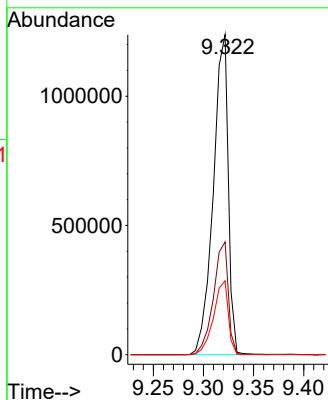
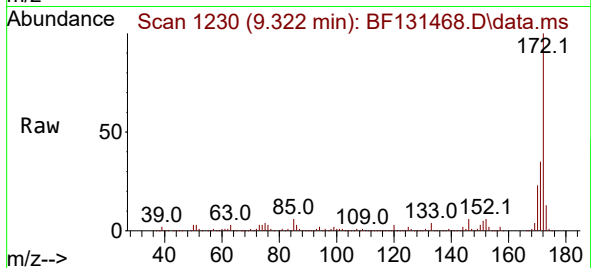
Tgt Ion:172 Resp: 1288010

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.1 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.241 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.217 min

Lab File: BF131468.D

Acq: 30 Nov 2022 11:52

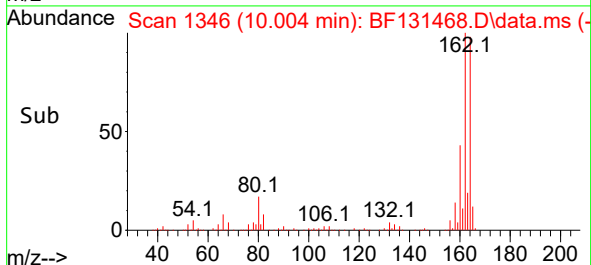
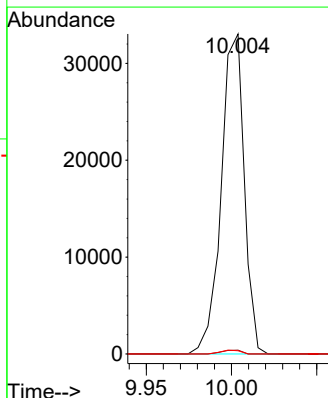
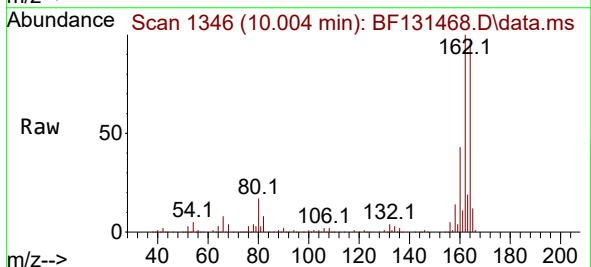
Tgt Ion:165 Resp: 31054

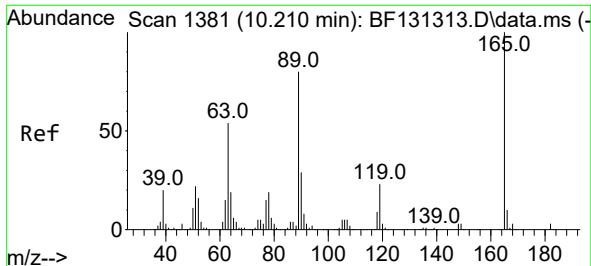
Ion Ratio Lower Upper

165 100

63 1.2 62.0 93.0#

89 1.0 54.4 81.6#

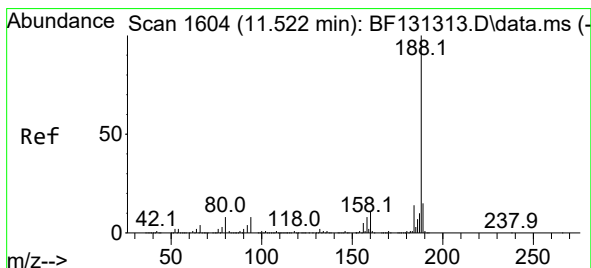
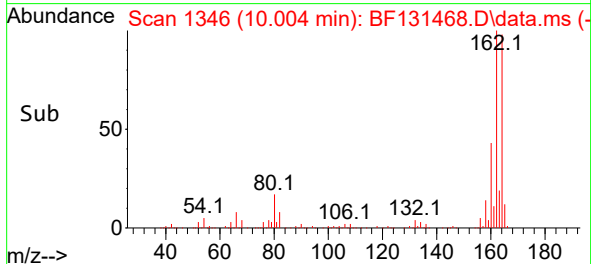
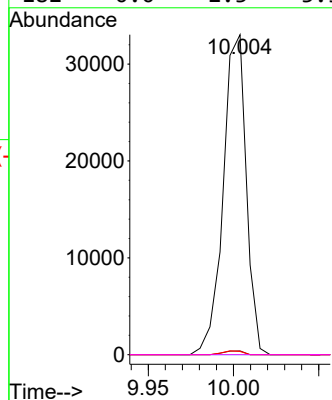
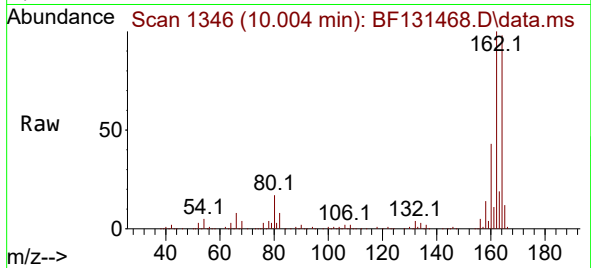




#57
2,4-Dinitrotoluene
Concen: 7.345 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

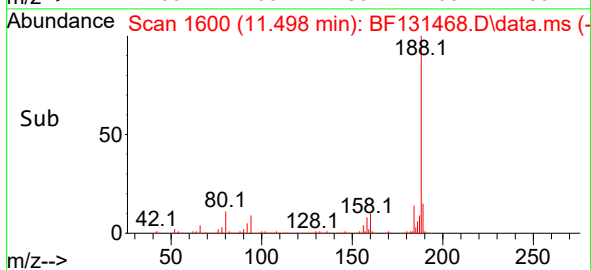
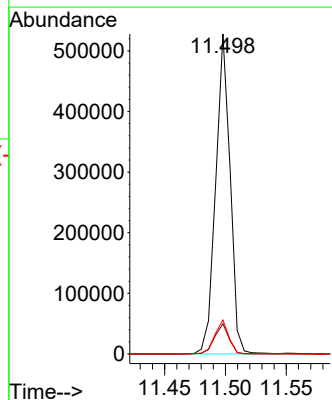
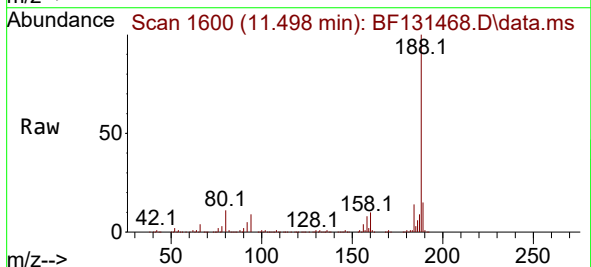
Instrument :
BNA_F
ClientSampleId :
PB149313TB

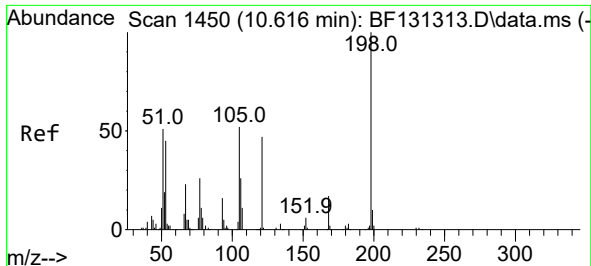
Tgt Ion:165 Resp: 31054
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.0 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion:188 Resp: 434443
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5
80 10.6 6.8 10.2#

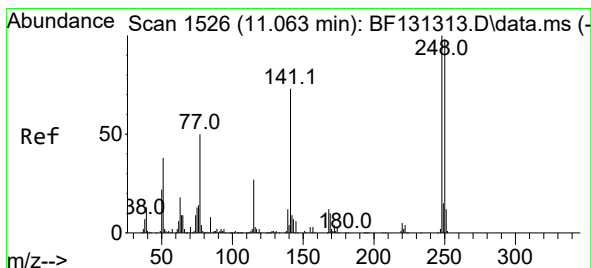
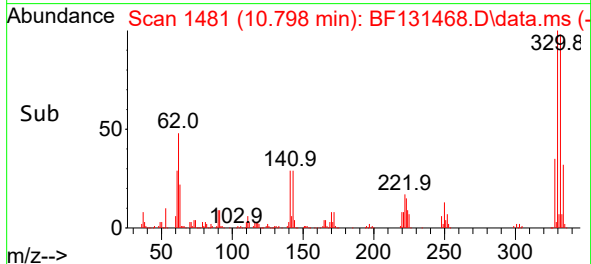
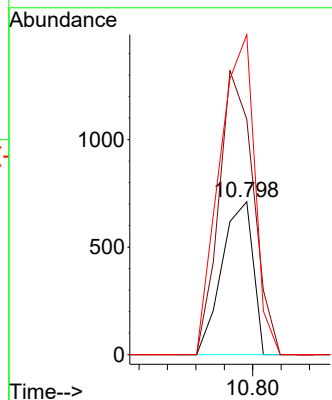
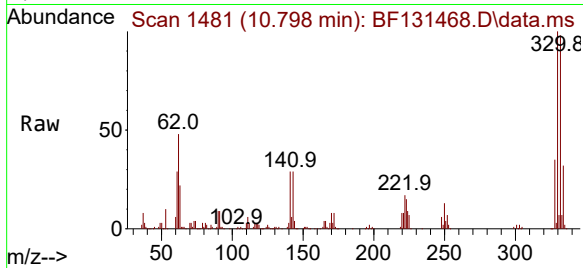




#65
4,6-Dinitro-2-methylphenol
Concen: 4.899 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.200 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

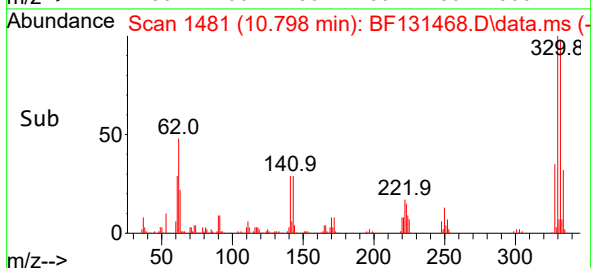
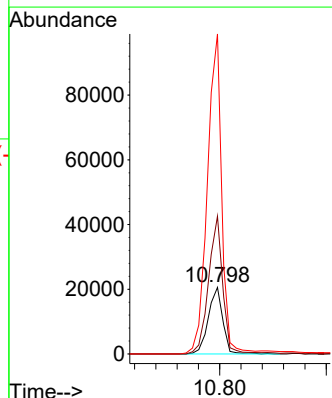
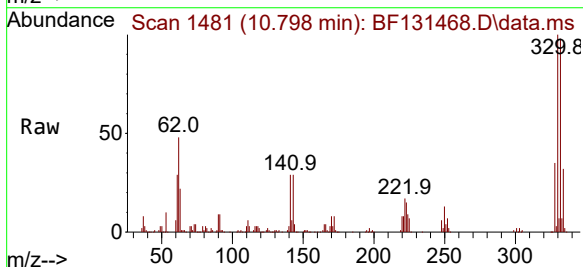
Instrument :
BNA_F
ClientSampleId :
PB149313TB

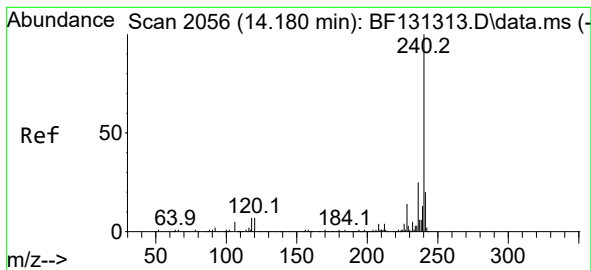
Tgt Ion:198 Resp: 542
Ion Ratio Lower Upper
198 100
51 154.0 50.1 90.1#
105 209.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.654 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion:248 Resp: 19456
Ion Ratio Lower Upper
248 100
250 207.0 78.3 117.5#
141 480.6 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131468.D

Acq: 30 Nov 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB149313TB

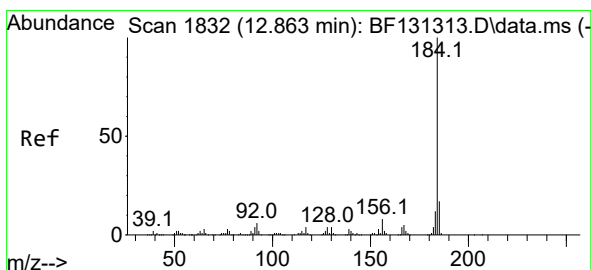
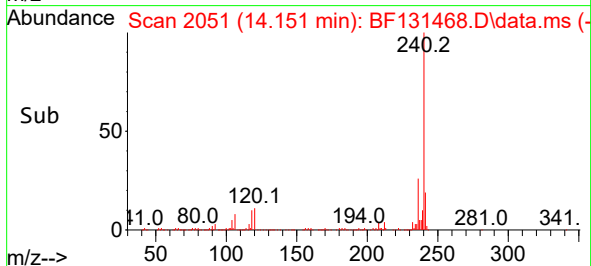
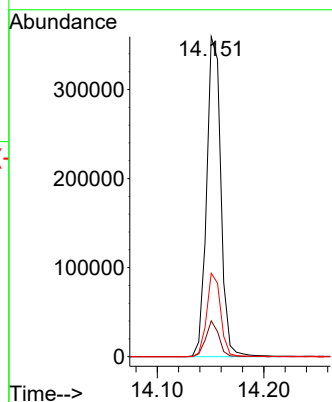
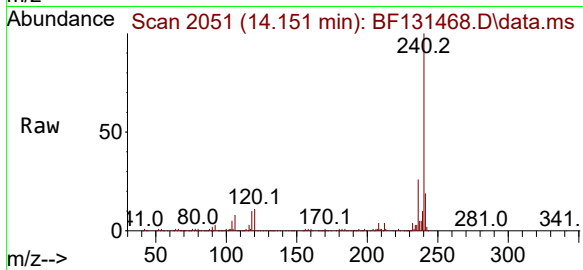
Tgt Ion:240 Resp: 334672

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

236 26.1 20.3 30.5



#77

Benzidine

Concen: 2.859 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.253 min

Lab File: BF131468.D

Acq: 30 Nov 2022 11:52

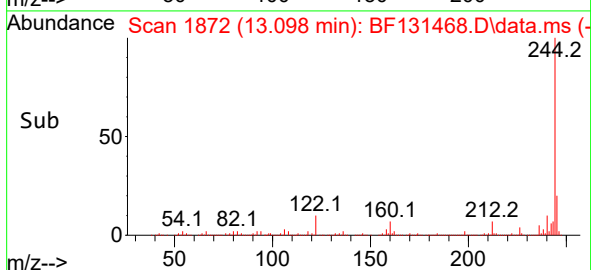
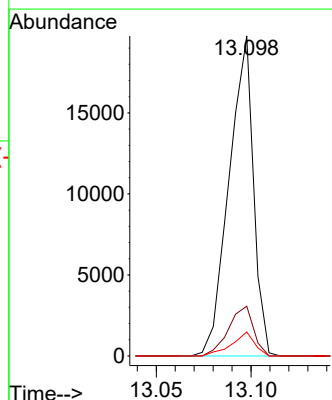
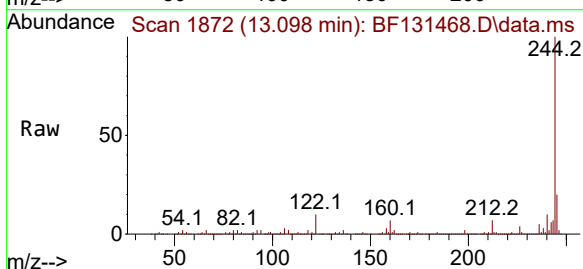
Tgt Ion:184 Resp: 17676

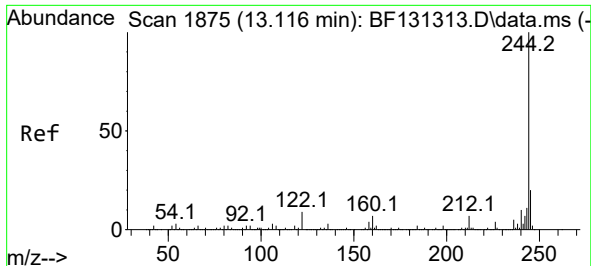
Ion Ratio Lower Upper

184 100

185 15.6 13.8 20.8

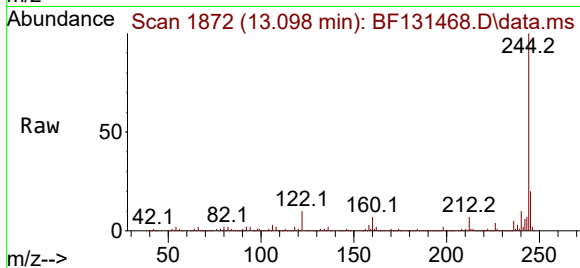
183 7.5 9.6 14.4#



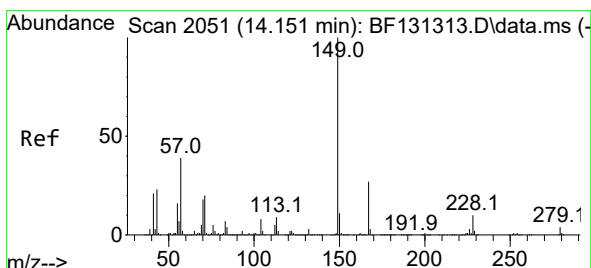
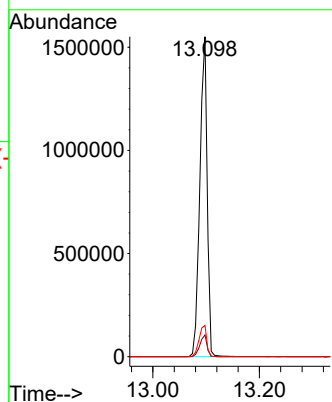
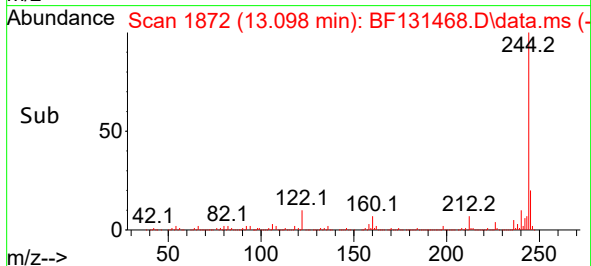


#79
 Terphenyl-d14
 Concen: 72.487 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131468.D
 Acq: 30 Nov 2022 11:52

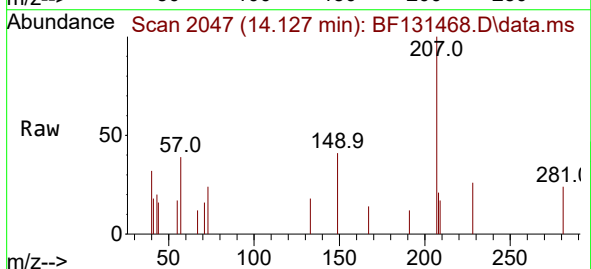
Instrument :
 BNA_F
 ClientSampleId :
 PB149313TB



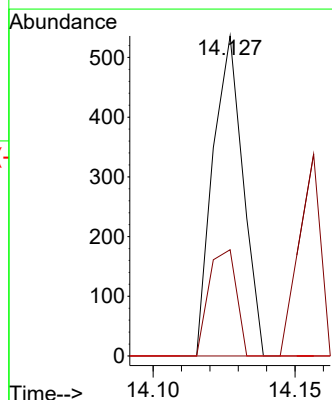
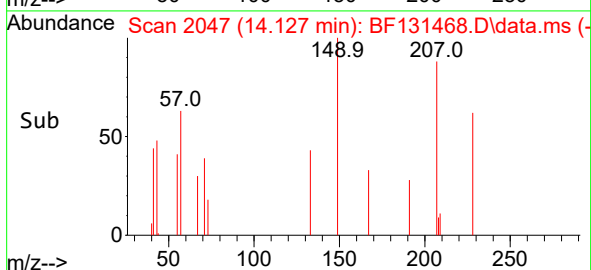
Tgt Ion:244 Resp: 1483513
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.7 7.5 11.3

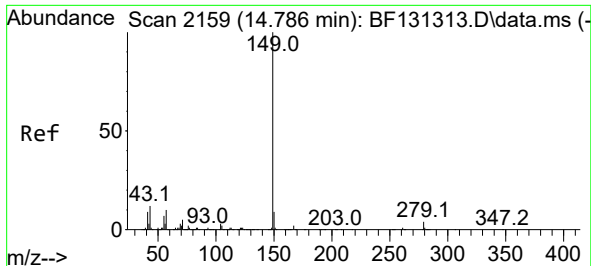


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.776 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: BF131468.D
 Acq: 30 Nov 2022 11:52



Tgt Ion:149 Resp: 394
 Ion Ratio Lower Upper
 149 100
 167 33.2 21.9 32.9#
 279 0.0 3.0 4.4#

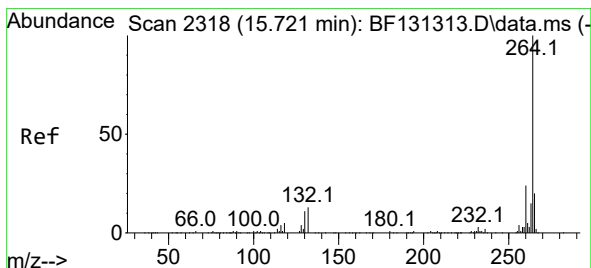
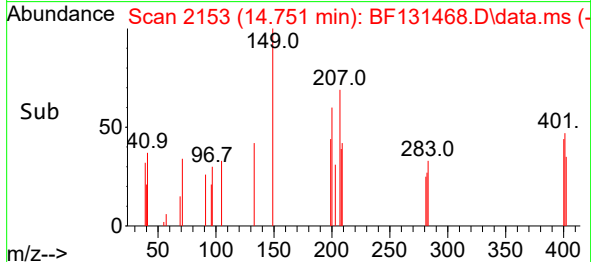
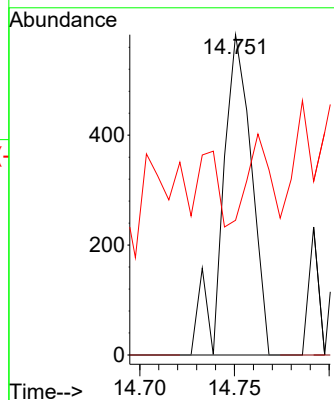
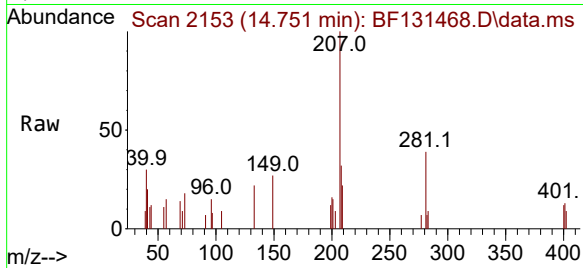




#85
Di-n-octyl phthalate
Concen: 3.939 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB149313TB

Tgt Ion:149 Resp: 621
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 18.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131468.D
Acq: 30 Nov 2022 11:52

Tgt Ion:264 Resp: 250471
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 20.8 16.4 24.6

