

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131023.D
 Acq On : 05 Nov 2022 17:05
 Operator : CG\JU
 Sample : N5335-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 07 00:50:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

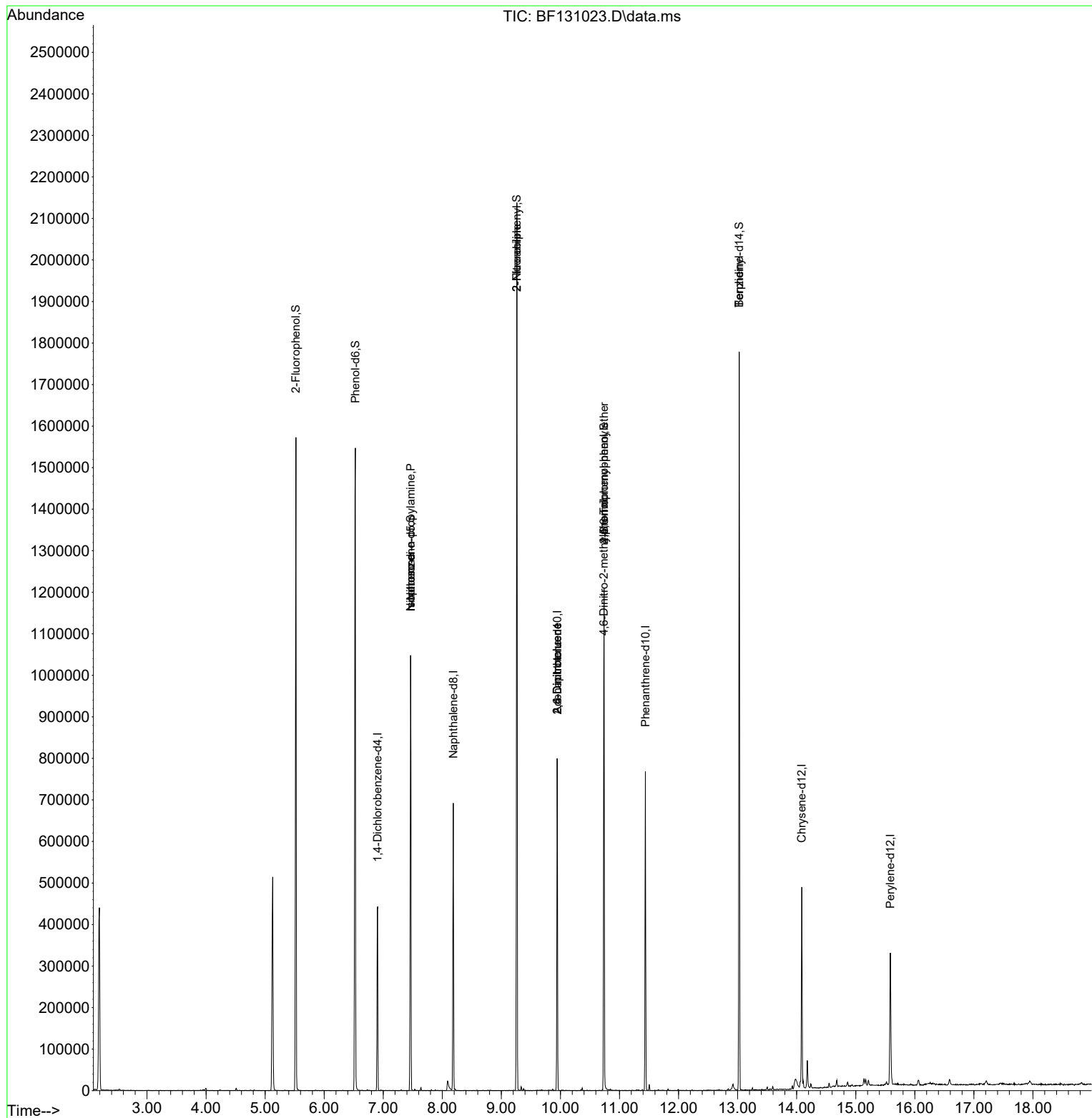
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	61184	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	272202	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	151809	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	245612	20.000	ng	0.00
76) Chrysene-d12	14.086	240	154464	20.000	ng	0.00
86) Perylene-d12	15.586	264	140745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	354226	100.368	ng	0.00
7) Phenol-d6	6.528	99	466403	101.695	ng	0.00
23) Nitrobenzene-d5	7.463	82	319453	70.766	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	127845	100.041	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	600567	59.811	ng	0.00
79) Terphenyl-d14	13.027	244	564064	66.917	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	44487	14.257	ng	# 81
25) Isophorone	7.463	82	319449	34.316	ng	# 66
48) 2-Nitroaniline	9.263	65	1059	4.494	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	19232	11.928	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	19232	10.833	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.733	198	363	8.223	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	8074	3.269	ng	# 1
77) Benzidine	13.027	184	8898	2.373	ng	# 93

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

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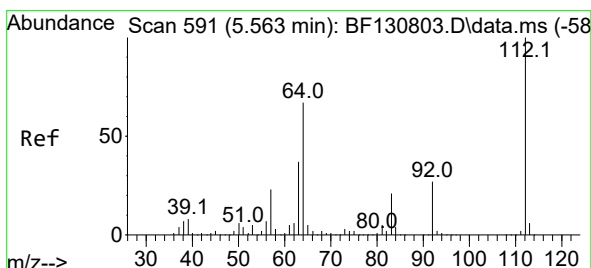
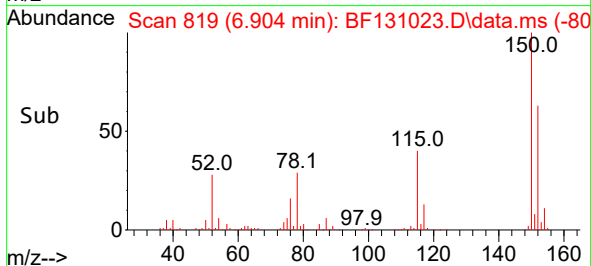
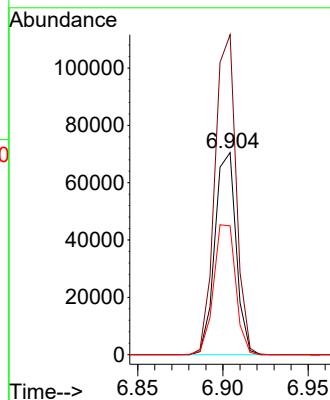
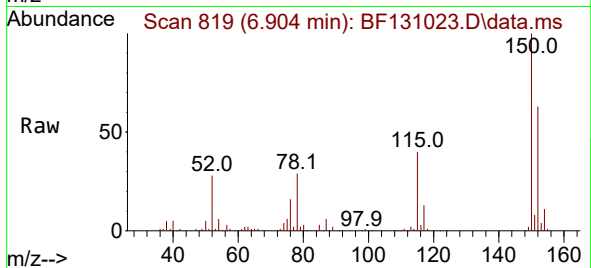




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

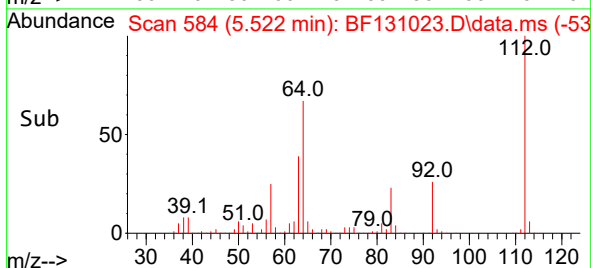
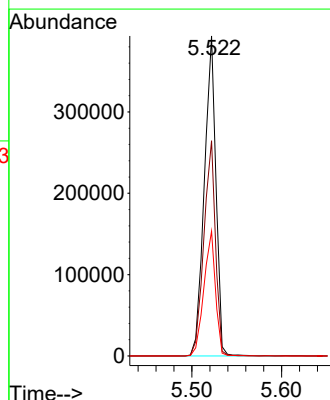
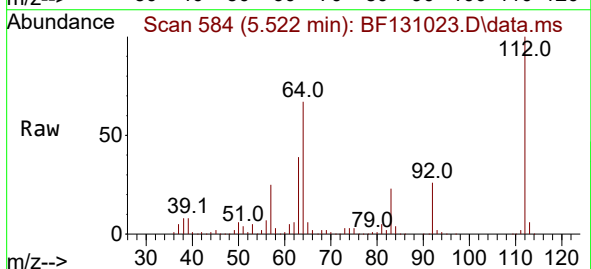
Instrument :
BNA_F
ClientSampleId :
SB-4

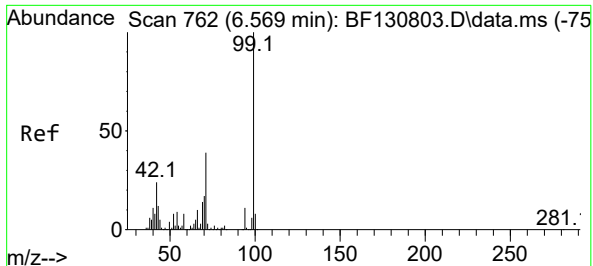
Tgt Ion:152 Resp: 61184
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 63.8 50.1 75.1



#5
2-Fluorophenol
Concen: 100.368 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:112 Resp: 354226
Ion Ratio Lower Upper
112 100
64 67.3 53.9 80.9
63 39.0 29.4 44.2

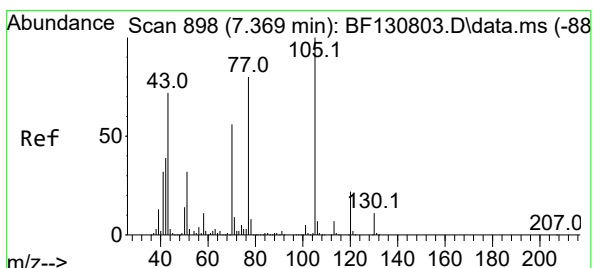
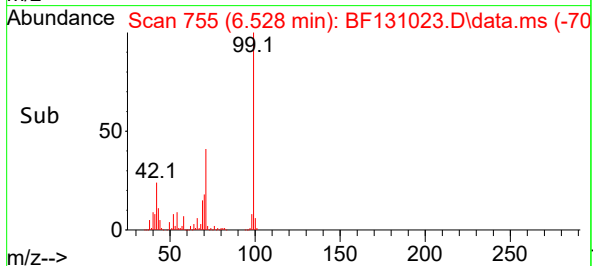
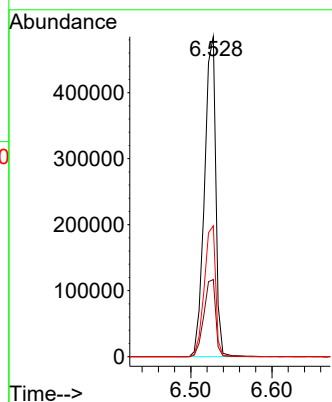
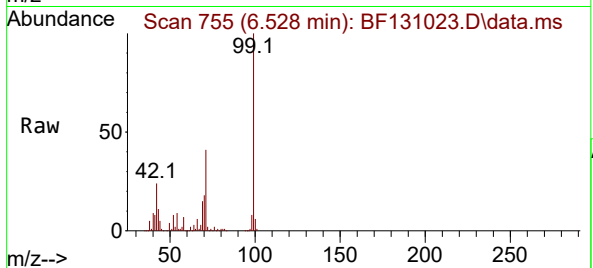




#7
Phenol-d6
Concen: 101.695 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

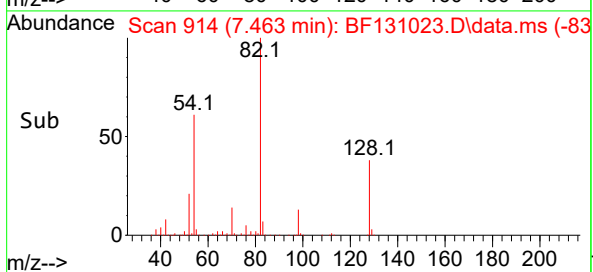
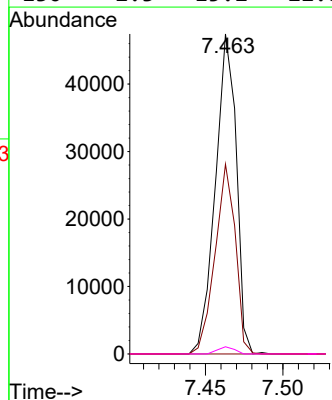
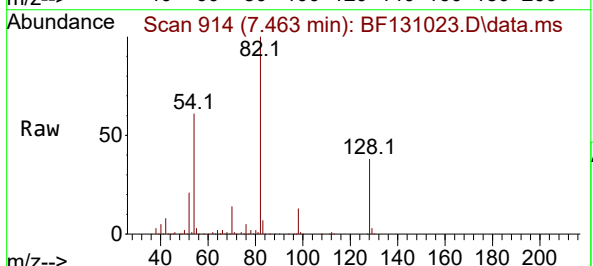
Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 99 Resp: 466403
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.257 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion: 70 Resp: 44487
Ion Ratio Lower Upper
70 100
42 59.3 56.1 84.1
101 0.0 7.3 10.9#
130 2.3 15.2 22.8#

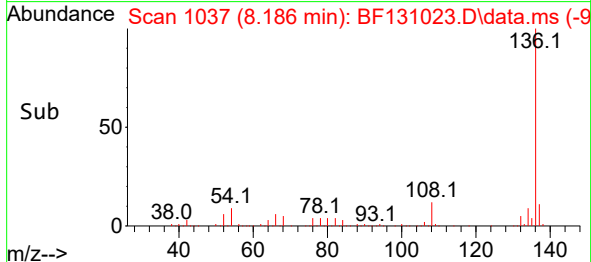
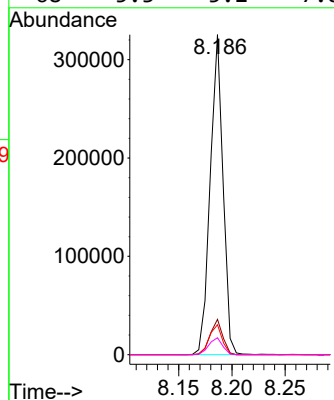
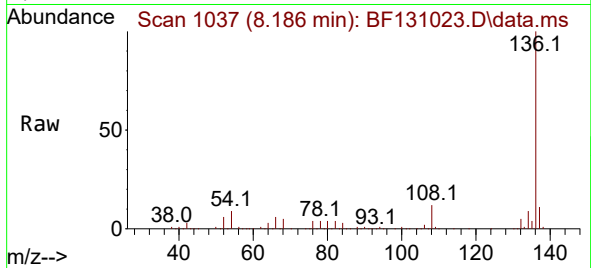




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

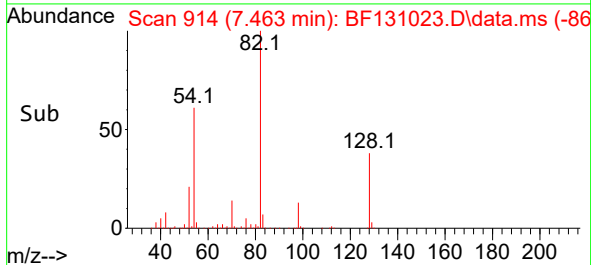
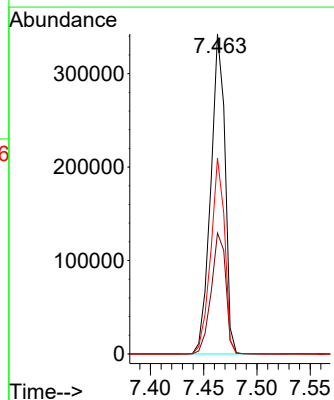
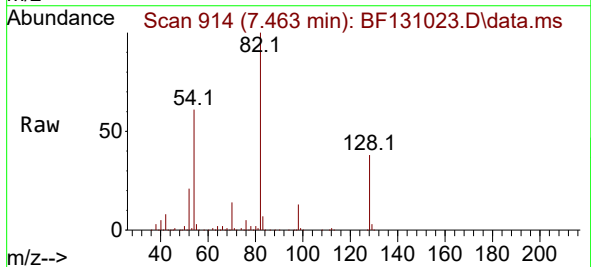
Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:136	Resp: 272202
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 9.4	8.8 13.2
68 5.3	5.2 7.8



#23
Nitrobenzene-d5
Concen: 70.766 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion: 82	Resp: 319453
Ion Ratio	Lower Upper
82 100	
128 37.8	31.2 46.8
54 61.2	48.0 72.0

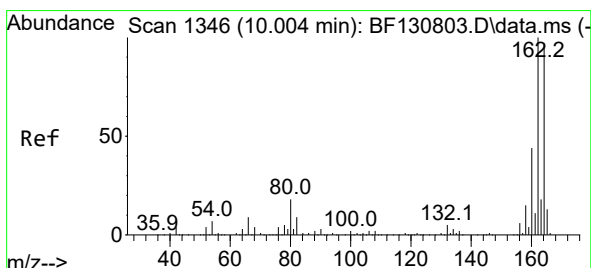
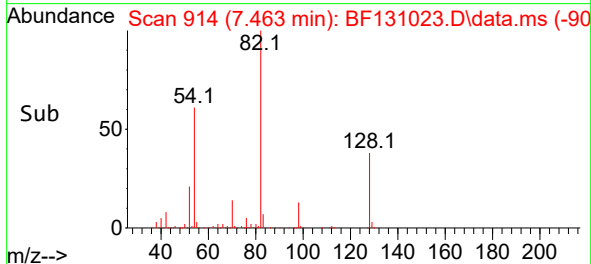
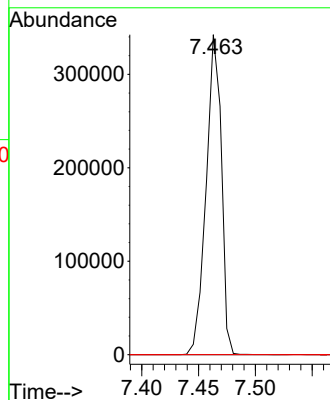
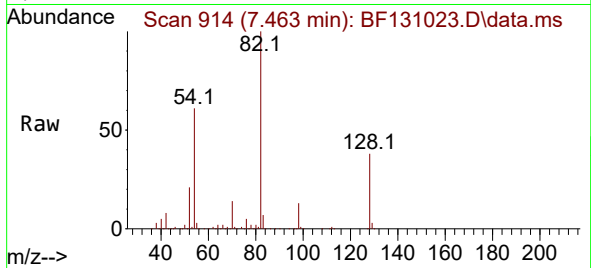




#25
Isophorone
Concen: 34.316 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

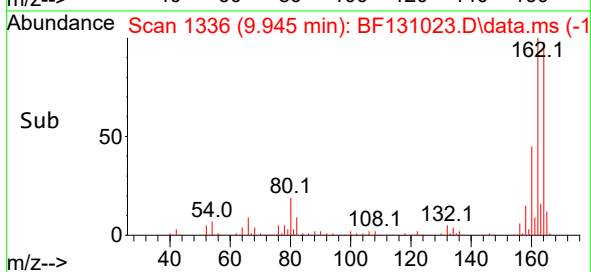
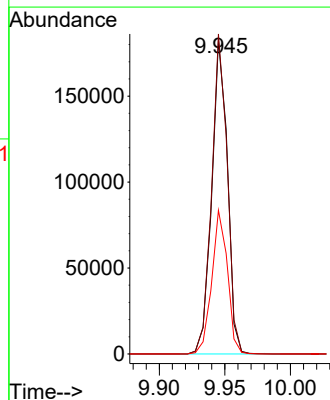
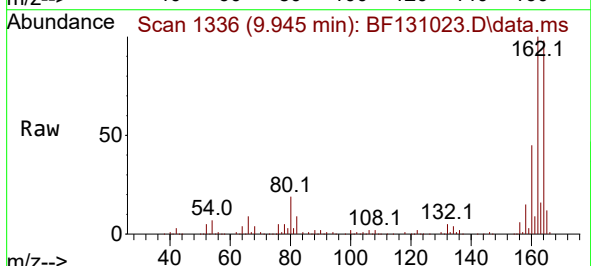
Instrument :
BNA_F
ClientSampleId :
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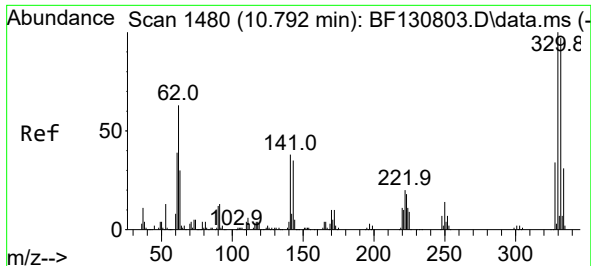
Tgt Ion: 82 Resp: 319449
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:164 Resp: 151809
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 45.9 36.6 54.8

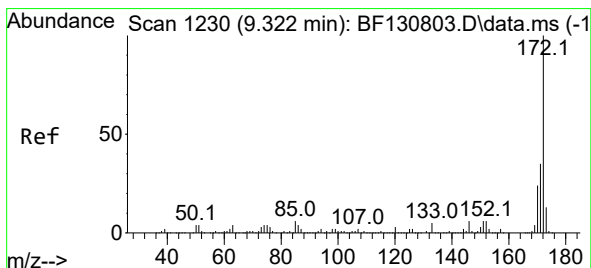
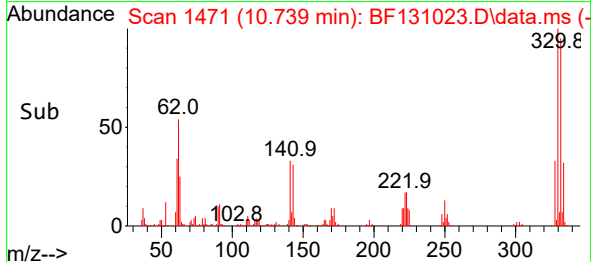
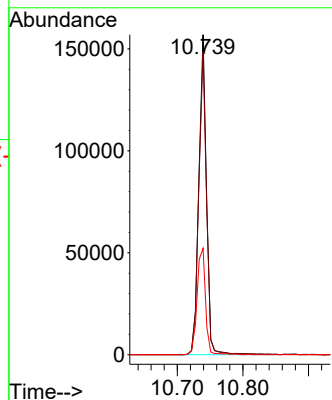
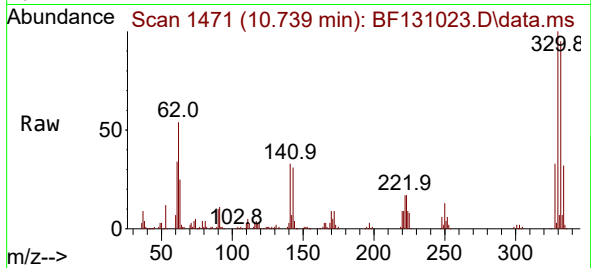




#42
2,4,6-Tribromophenol
Concen: 100.041 ng
RT: 10.739 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

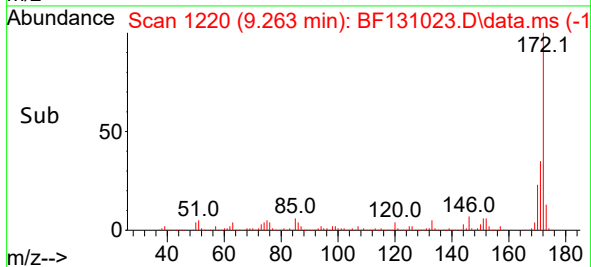
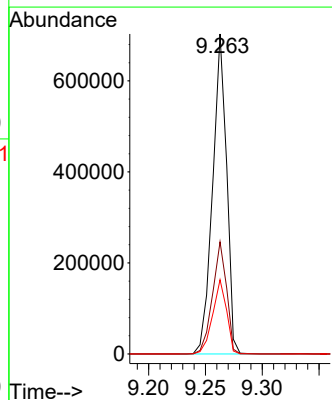
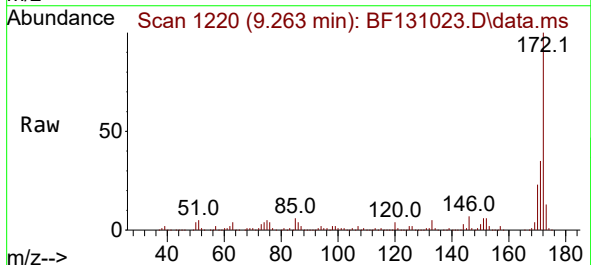
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ClientSampleId :
SB-4

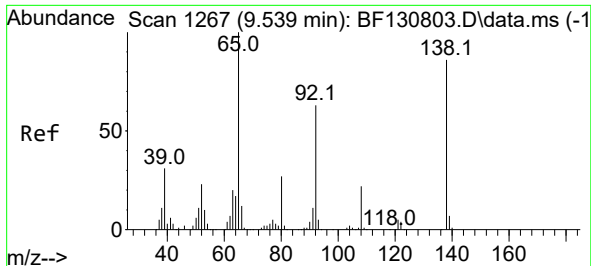
Tgt Ion: 330 Resp: 127845
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 36.7 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 59.811 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion: 172 Resp: 600567
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.2 19.0 28.4

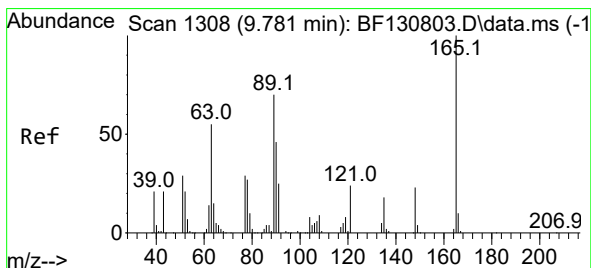
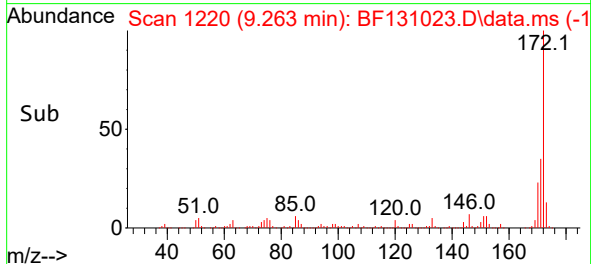
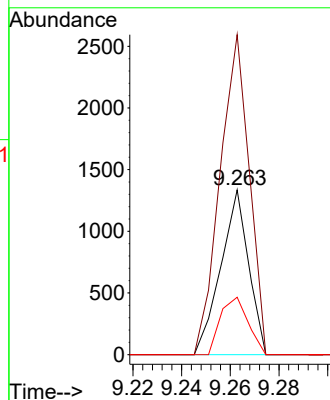
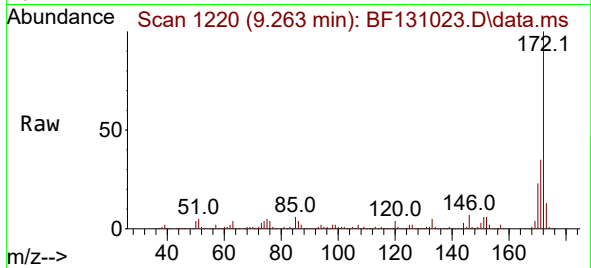




#48
2-Nitroaniline
Concen: 4.494 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

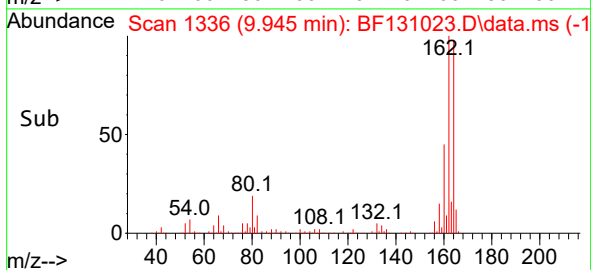
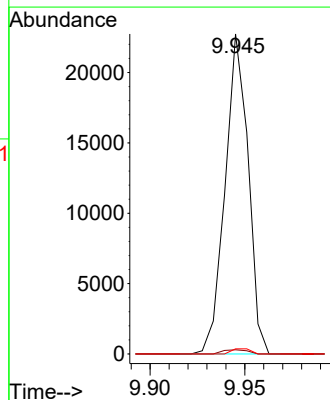
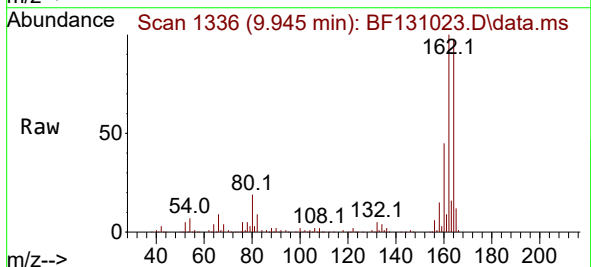
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ClientSampleId :
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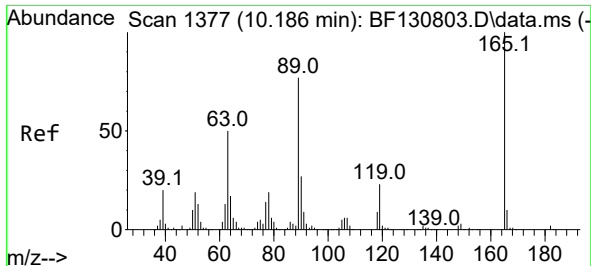
Tgt Ion: 65 Resp: 1059
Ion Ratio Lower Upper
65 100
92 194.2 50.1 75.1#
138 34.8 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.928 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion: 165 Resp: 19232
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.6 56.2 84.4#

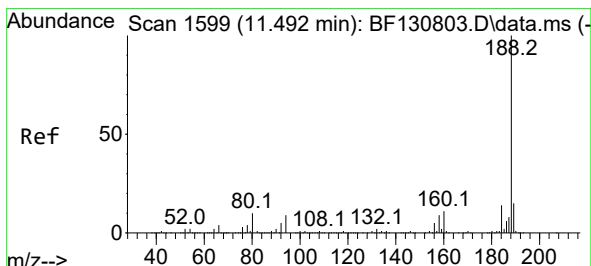
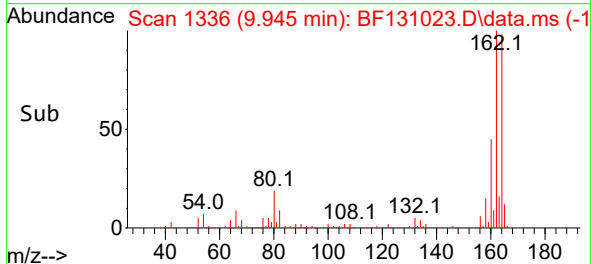
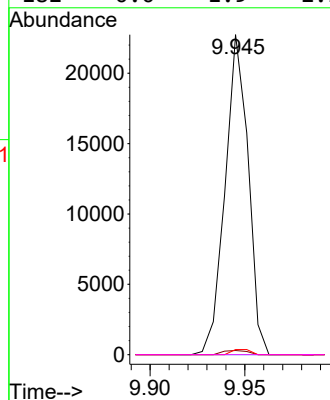
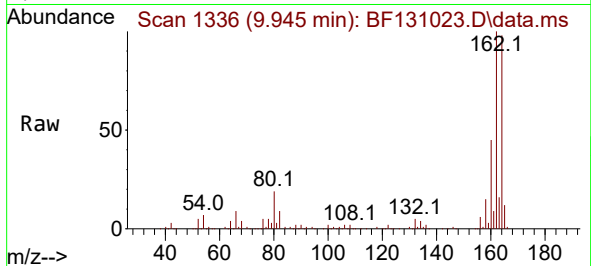




#57
2,4-Dinitrotoluene
Concen: 10.833 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

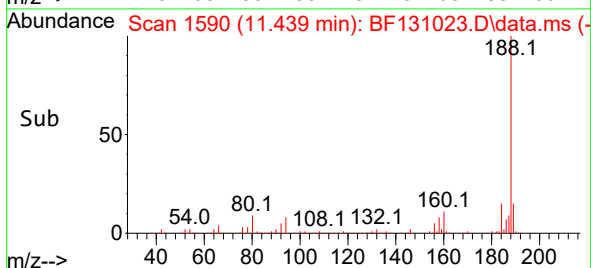
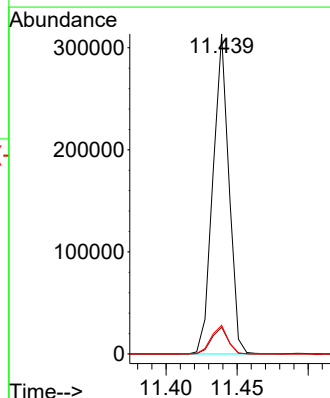
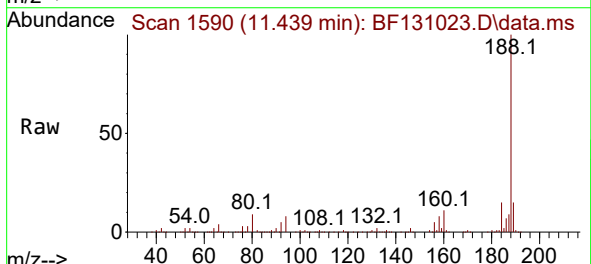
Instrument :
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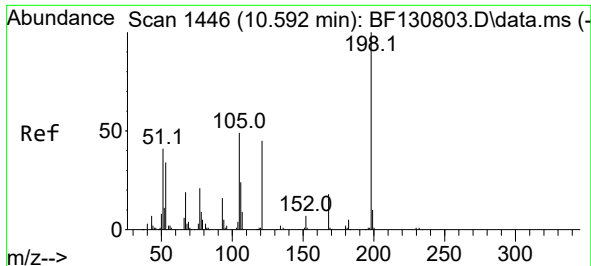
Tgt Ion:165 Resp: 19232
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:188 Resp: 245612
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.0 8.0 12.0

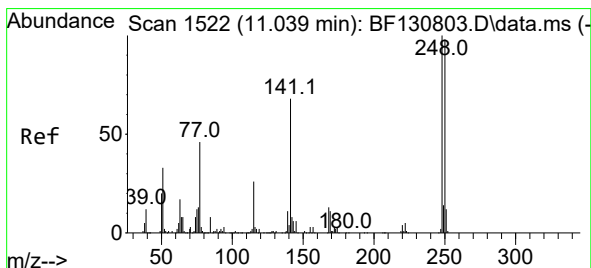
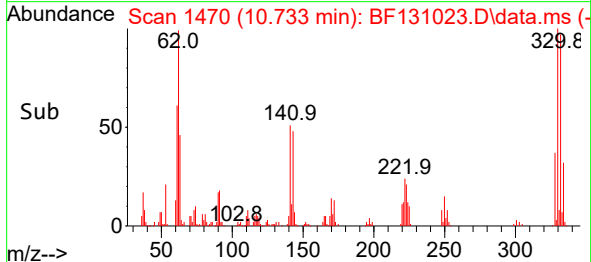
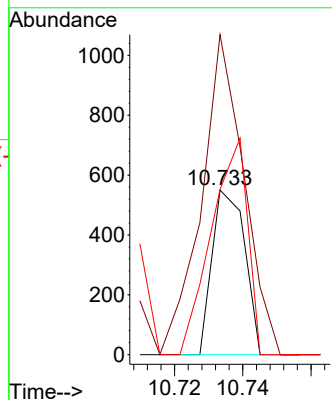
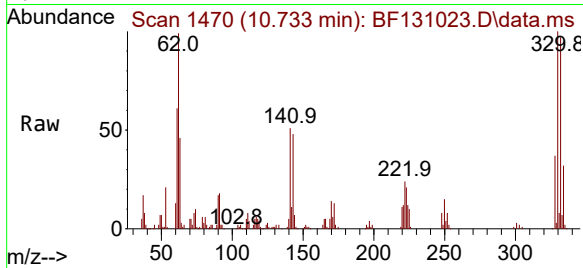




#65
4,6-Dinitro-2-methylphenol
Concen: 8.223 ng
RT: 10.733 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

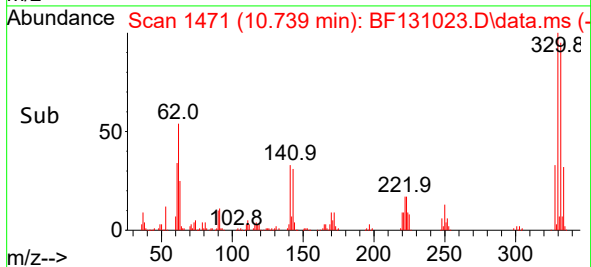
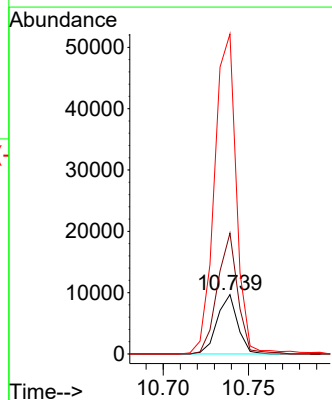
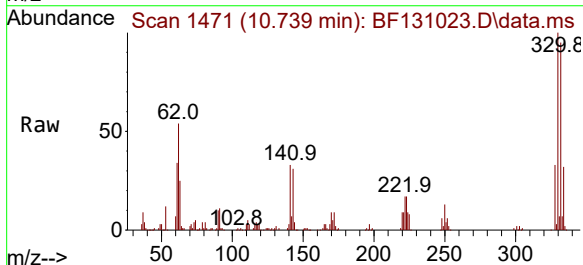
Instrument :
BNA_F
ClientSampleId :
SB-4

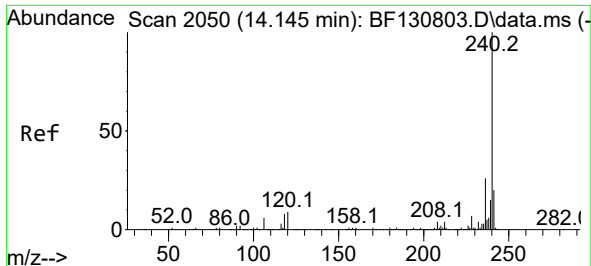
Tgt Ion:198 Resp: 363
Ion Ratio Lower Upper
198 100
51 194.4 39.0 79.0#
105 100.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.269 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.247 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:248 Resp: 8074
Ion Ratio Lower Upper
248 100
250 203.5 78.6 117.8#
141 538.7 54.2 81.4#

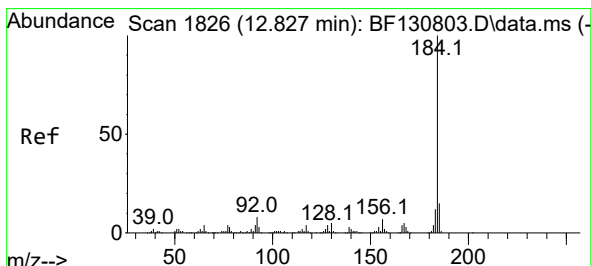
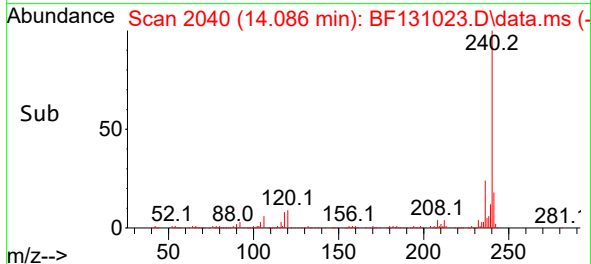
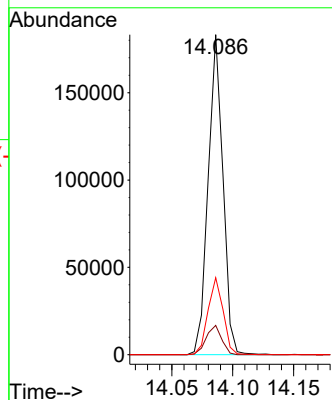
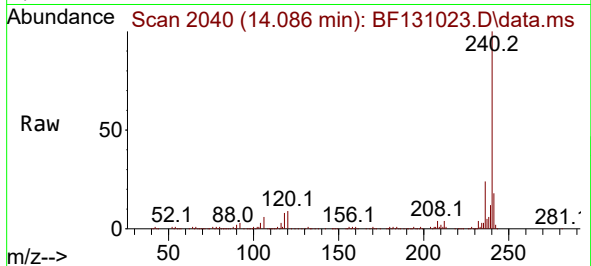




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

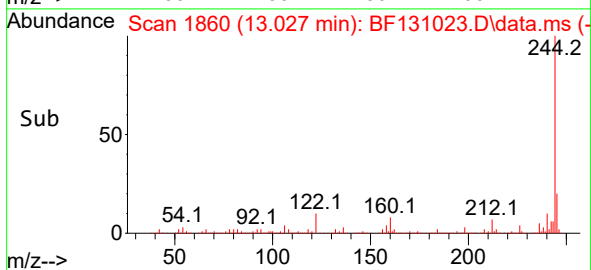
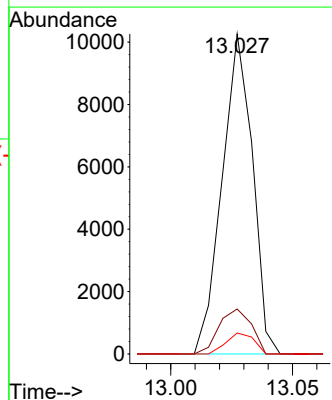
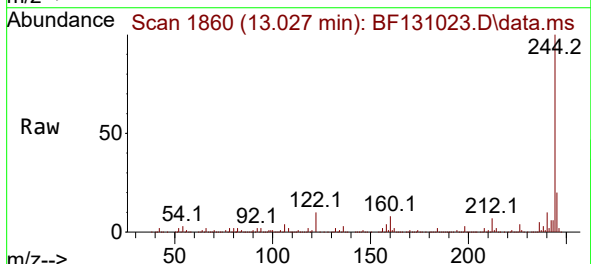
Instrument :
BNA_F
ClientSampleId :
SB-4

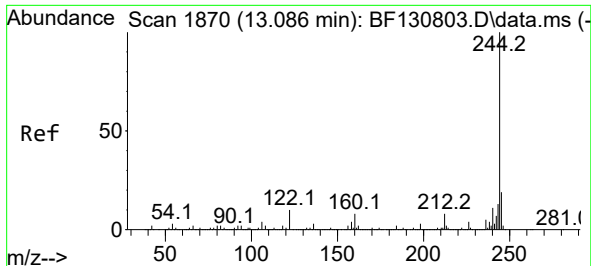
Tgt Ion:240 Resp: 154464
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 24.1 20.5 30.7



#77
Benzidine
Concen: 2.373 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:184 Resp: 8898
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 6.5 9.7 14.5#

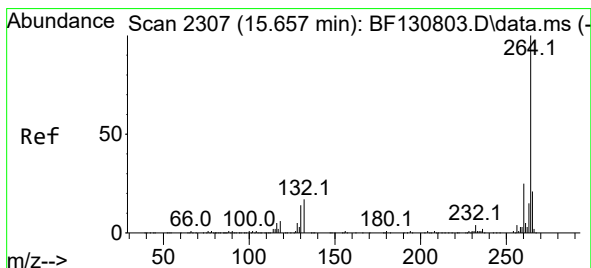
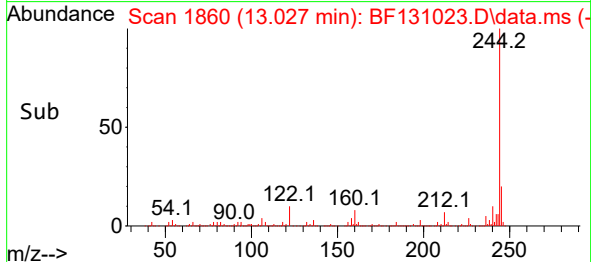
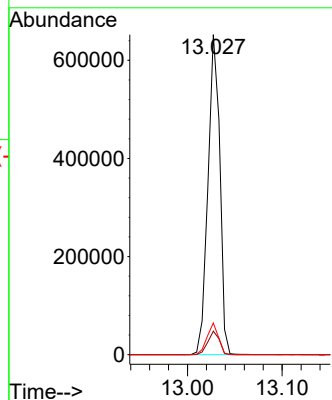
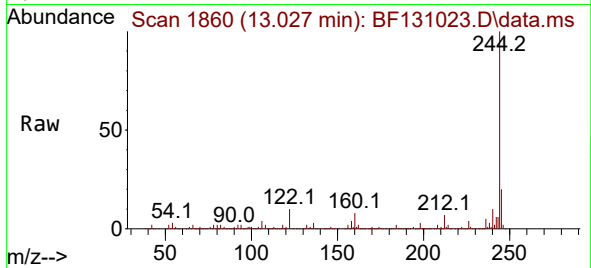




#79
 Terphenyl-d14
 Concen: 66.917 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131023.D
 Acq: 05 Nov 2022 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 564064
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131023.D
 Acq: 05 Nov 2022 17:05

Tgt Ion:264 Resp: 140745
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 20.8 17.0 25.6

