

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131024.D
 Acq On : 05 Nov 2022 17:38
 Operator : CG\JU
 Sample : N5335-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Nov 07 00:50:17 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)

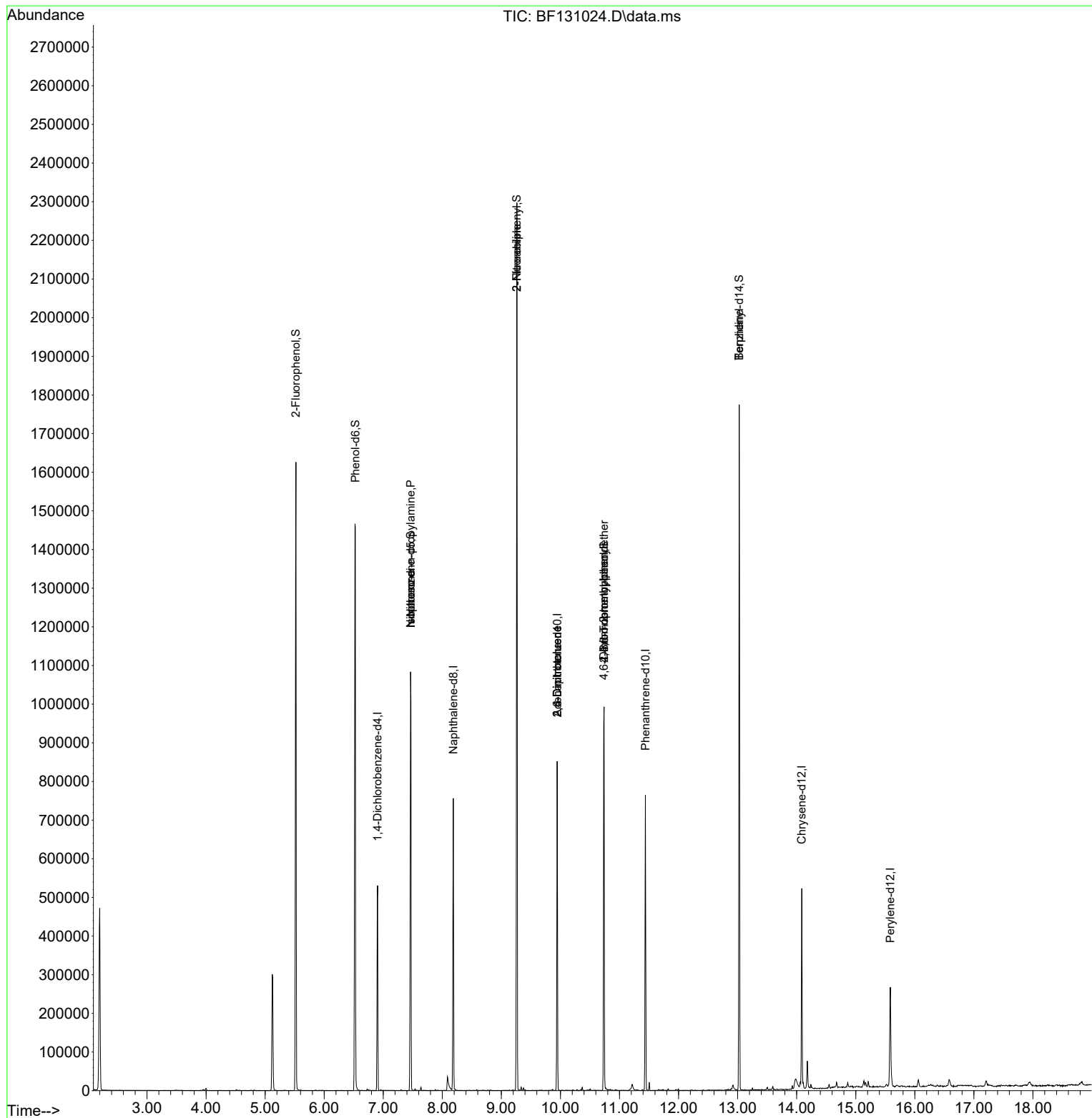
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	75673	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	301606	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	155938	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	247161	20.000	ng	0.00
76) Chrysene-d12	14.086	240	156845	20.000	ng	0.00
86) Perylene-d12	15.586	264	118006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	378430	86.695	ng	0.00
7) Phenol-d6	6.528	99	496677	87.561	ng	0.00
23) Nitrobenzene-d5	7.463	82	366002	73.173	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	112281	85.535	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	639901	62.041	ng	0.00
79) Terphenyl-d14	13.027	244	571148	66.728	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	50318	13.038	ng	# 78
25) Isophorone	7.463	82	366062	35.490	ng	# 66
48) 2-Nitroaniline	9.263	65	1320	4.568	ng	# 3
51) 2,6-Dinitrotoluene	9.945	165	19932	12.009	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	19932	10.896	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.733	198	242	8.124	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	7126	2.867	ng	# 1
77) Benzidine	13.027	184	8625	2.265	ng	# 92

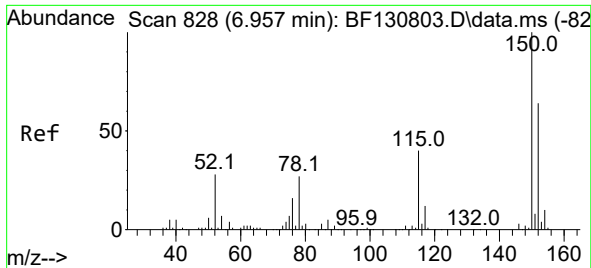
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131024.D
Acq On : 05 Nov 2022 17:38
Operator : CG\JU
Sample : N5335-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3

Quant Time: Nov 07 00:50:17 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

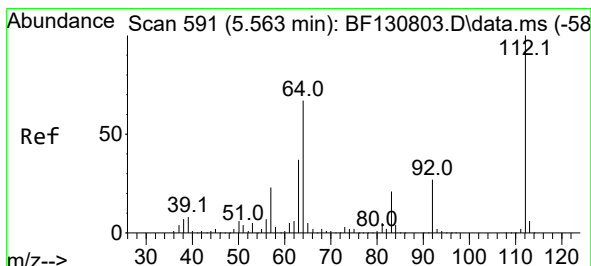
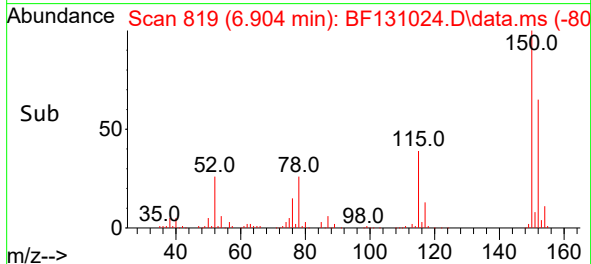
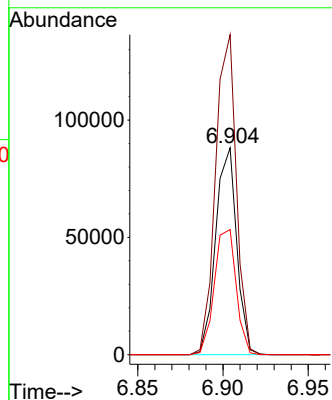
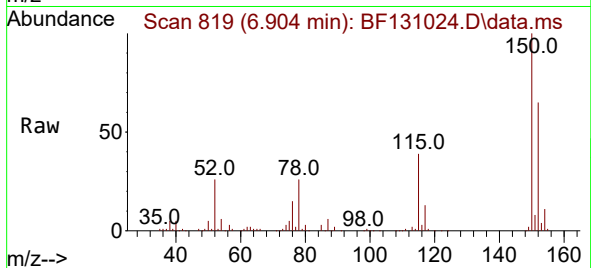




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

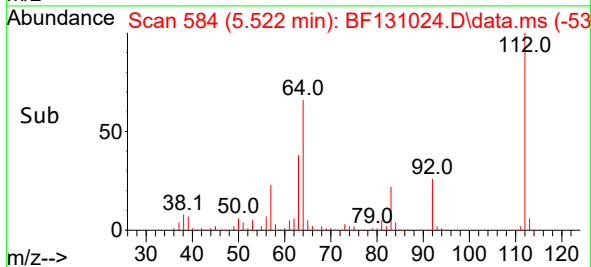
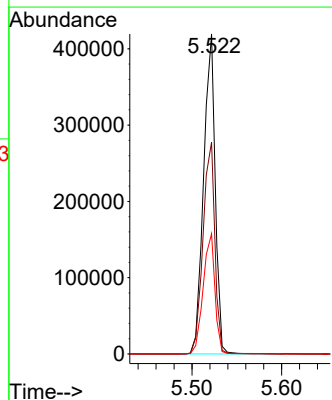
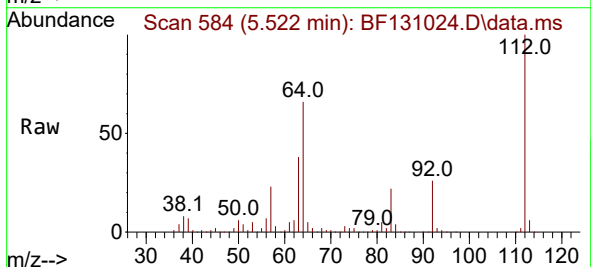
Instrument :
BNA_F
ClientSampleId :
SB-3

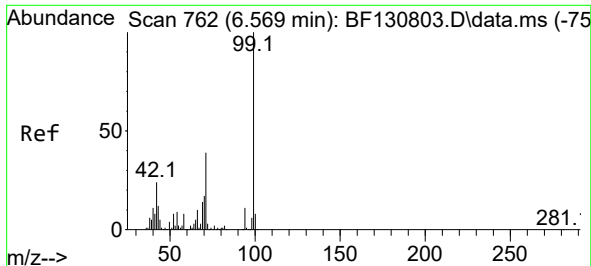
Tgt Ion:152 Resp: 75673
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 60.5 50.1 75.1



#5
2-Fluorophenol
Concen: 86.695 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion:112 Resp: 378430
Ion Ratio Lower Upper
112 100
64 66.2 53.9 80.9
63 37.6 29.4 44.2

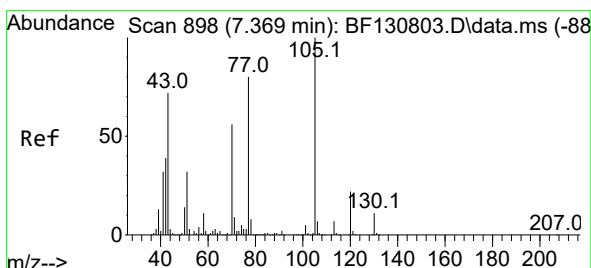
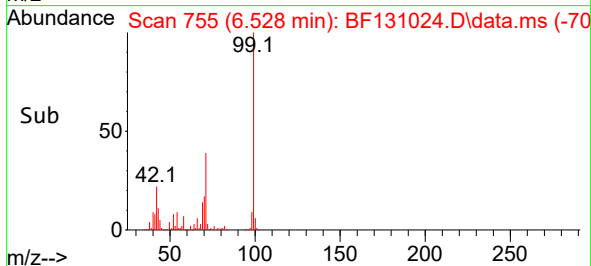
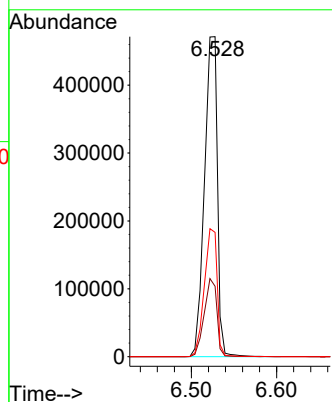
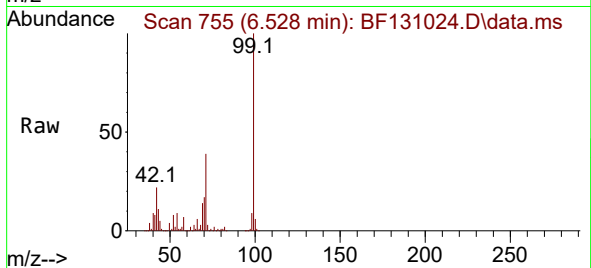




#7
Phenol-d6
Concen: 87.561 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

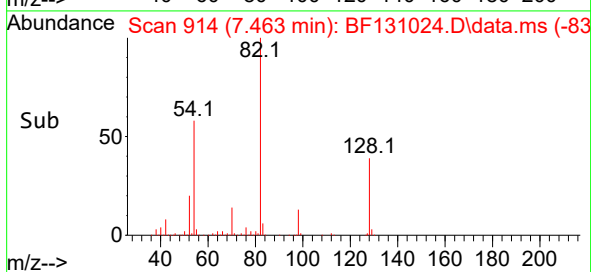
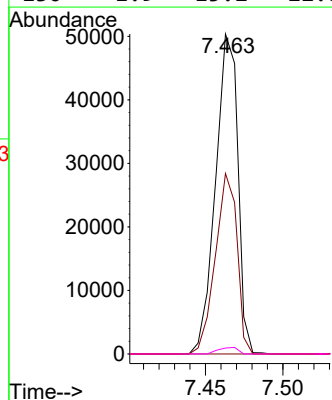
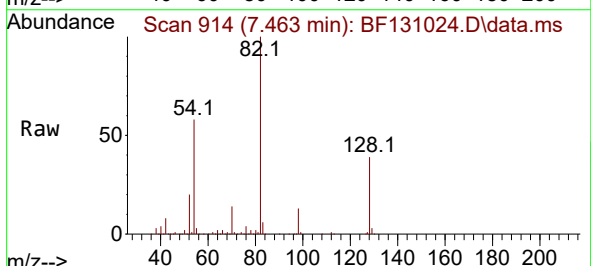
Instrument :
BNA_F
ClientSampleId :
SB-3

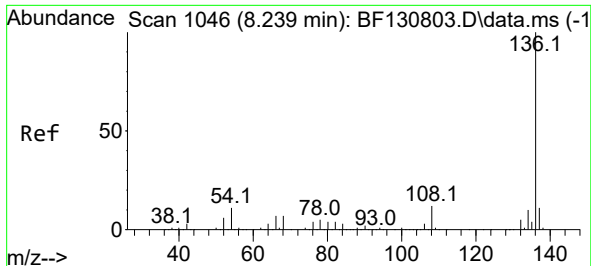
Tgt Ion: 99 Resp: 496677
Ion Ratio Lower Upper
99 100
42 22.0 18.8 28.2
71 38.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.038 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion: 70 Resp: 50318
Ion Ratio Lower Upper
70 100
42 56.4 56.1 84.1
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

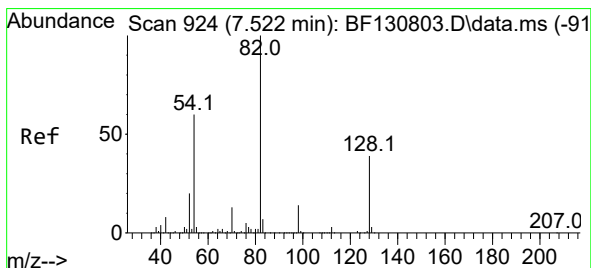
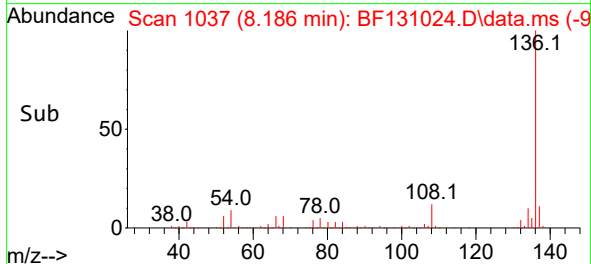
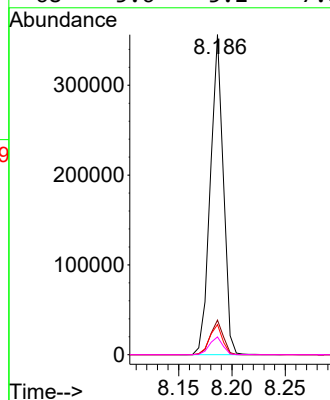
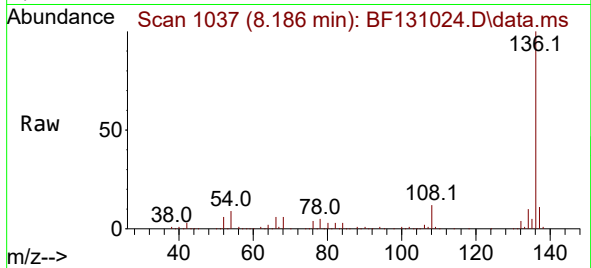




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

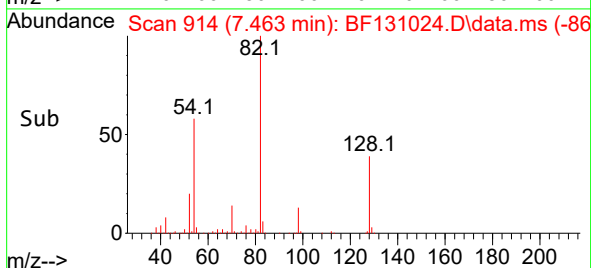
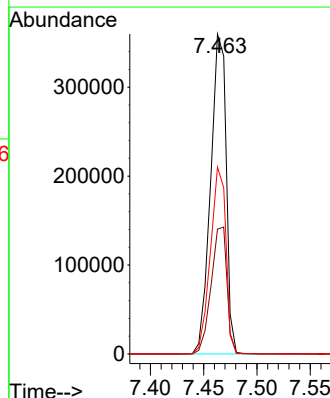
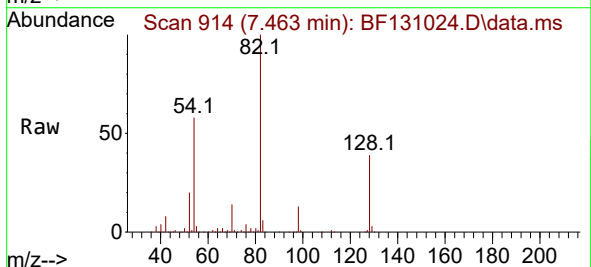
Instrument :
BNA_F
ClientSampleId :
SB-3

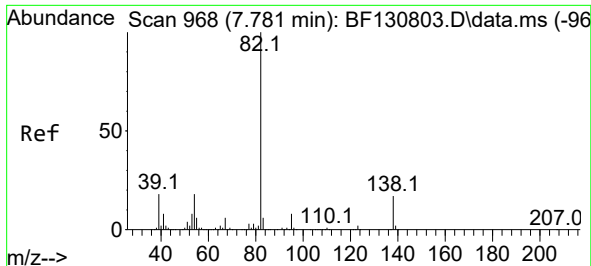
Tgt Ion:136	Resp: 301606
Ion Ratio	Lower Upper
136	100
137	10.8 9.2 13.8
54	9.4 8.8 13.2
68	5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 73.173 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion: 82	Resp: 366002
Ion Ratio	Lower Upper
82	100
128	39.0 31.2 46.8
54	58.4 48.0 72.0

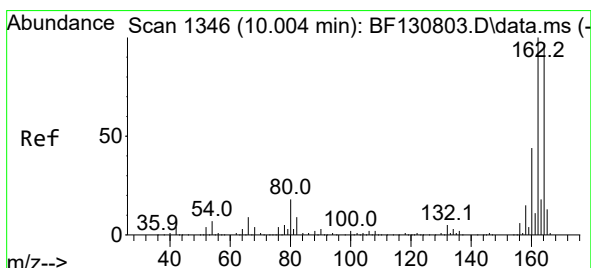
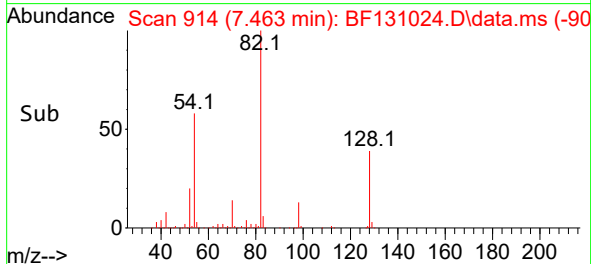
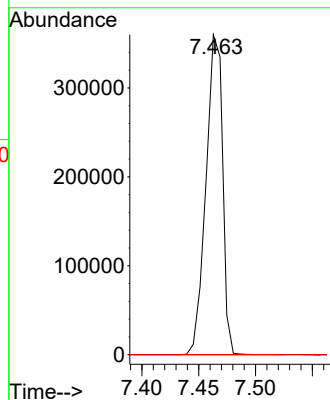
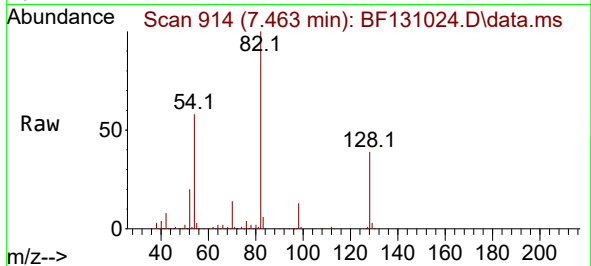




#25
Isophorone
Concen: 35.490 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

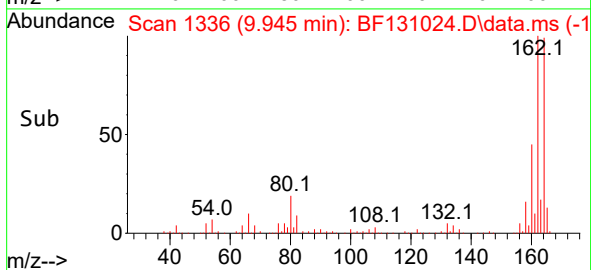
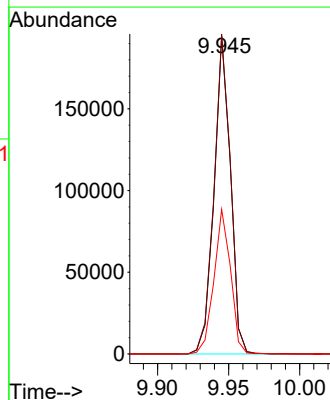
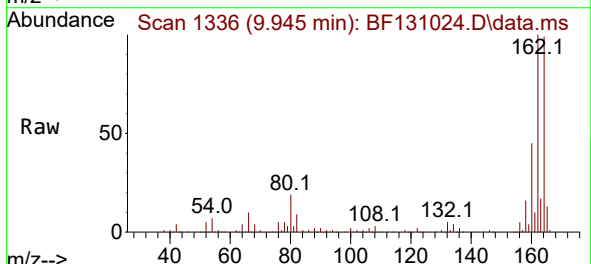
Instrument :
BNA_F
ClientSampleId :
SB-3

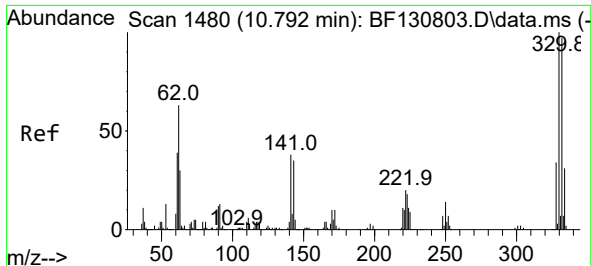
Tgt Ion: 82 Resp: 366062
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion: 164 Resp: 155938
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 45.5 36.6 54.8

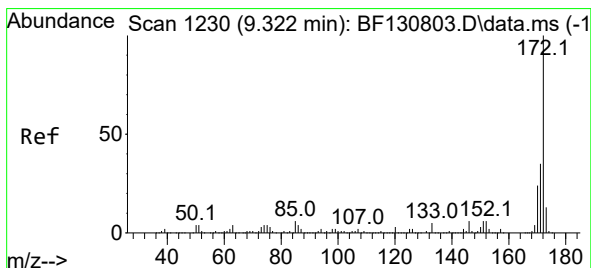
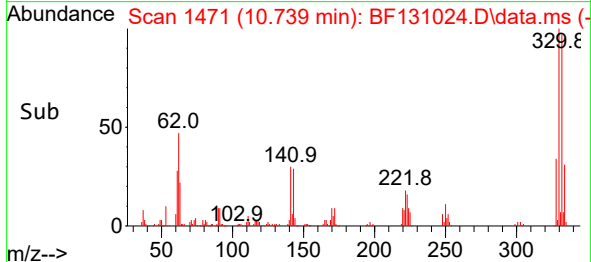
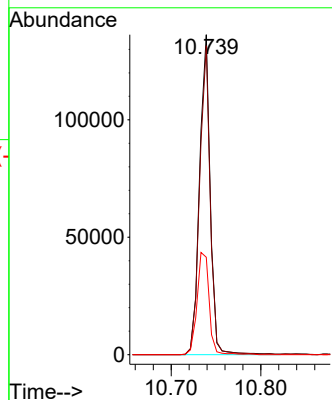
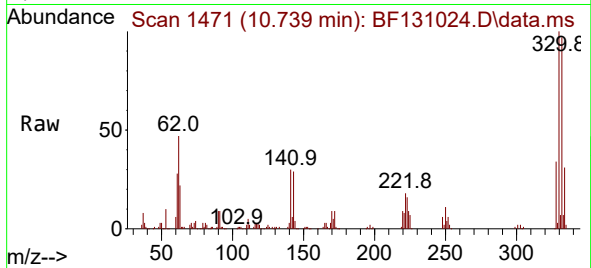




#42
2,4,6-Tribromophenol
Concen: 85.535 ng
RT: 10.739 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

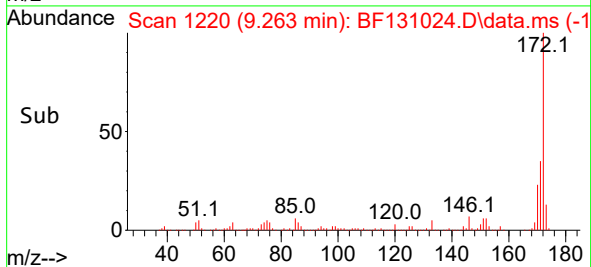
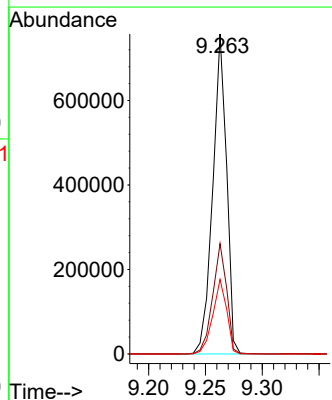
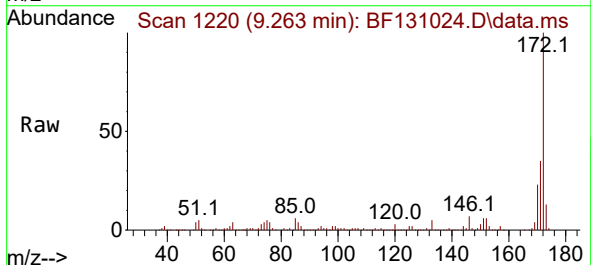
Instrument :
BNA_F
ClientSampleId :
SB-3

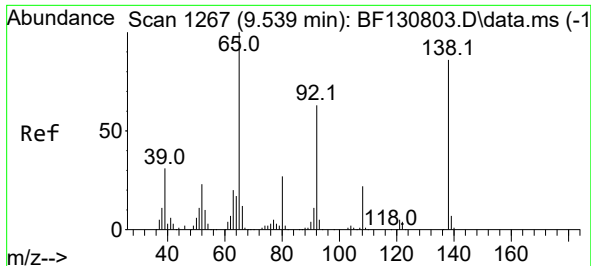
Tgt Ion:330 Resp: 112281
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.2 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 62.041 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion:172 Resp: 639901
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.3 19.0 28.4

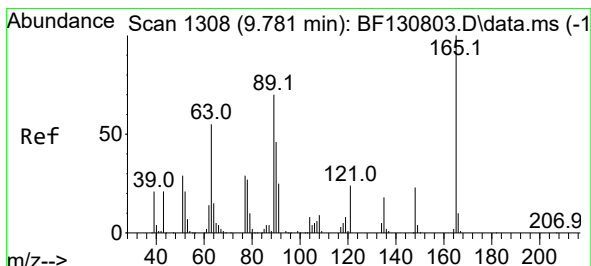
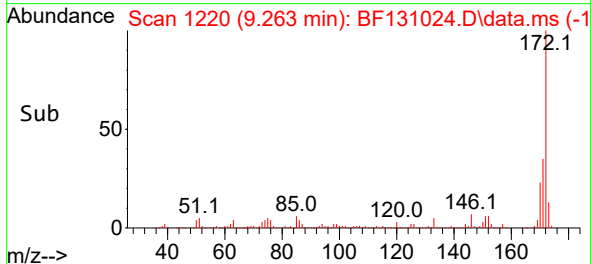
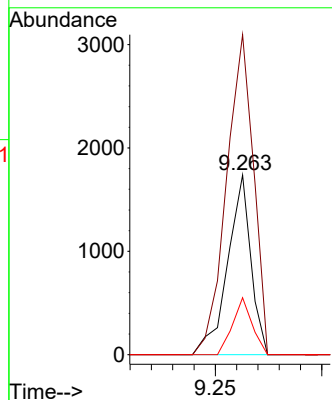
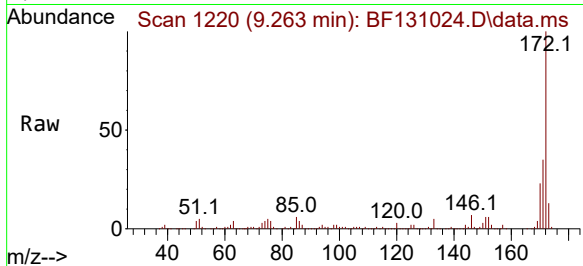




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

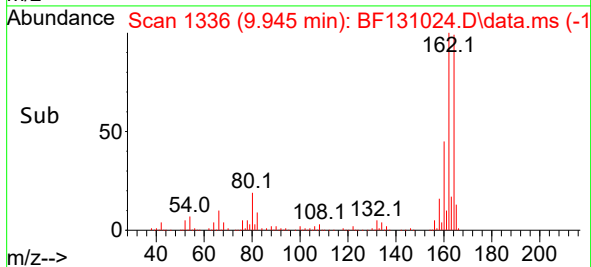
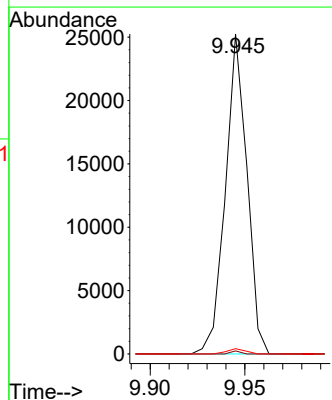
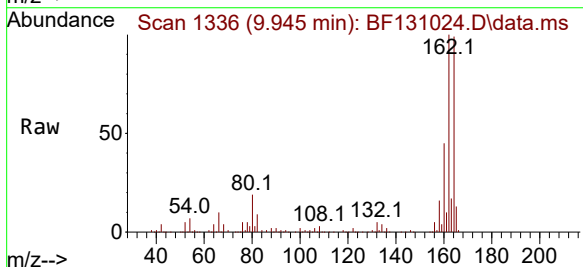
Instrument :
BNA_F
ClientSampleId :
SB-3

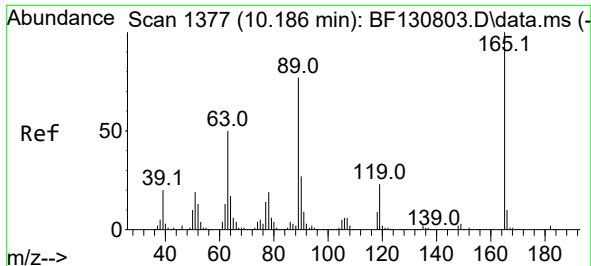
Tgt Ion: 65 Resp: 1320
Ion Ratio Lower Upper
65 100
92 178.0 50.1 75.1#
138 31.7 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.009 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion: 165 Resp: 19932
Ion Ratio Lower Upper
165 100
63 0.9 61.8 92.8#
89 1.7 56.2 84.4#

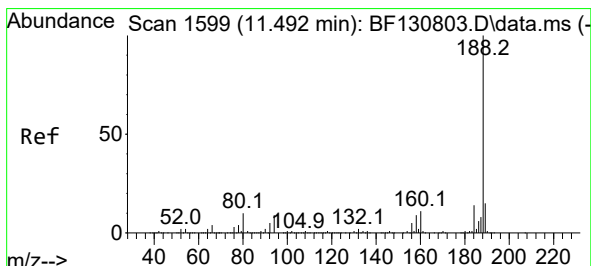
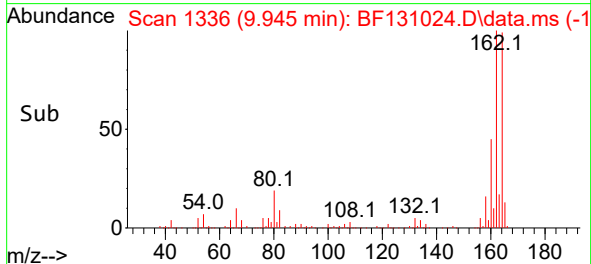
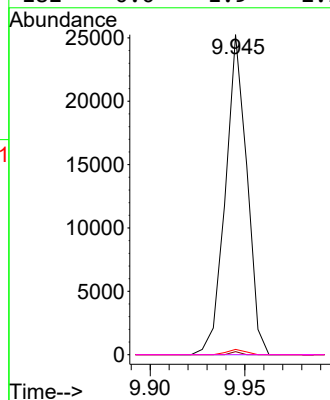
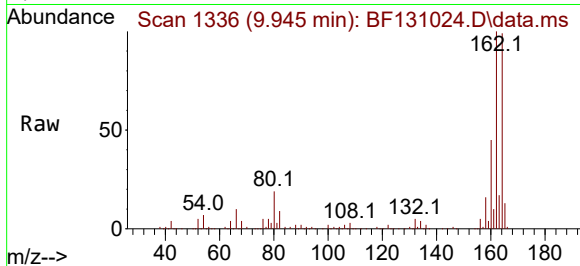




#57
2,4-Dinitrotoluene
Concen: 10.896 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

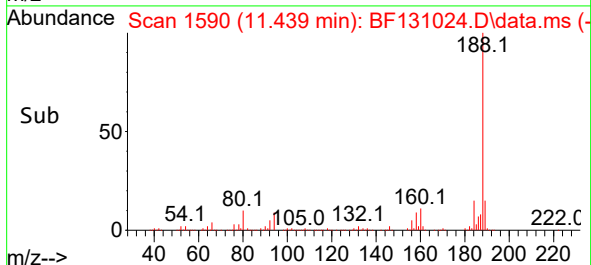
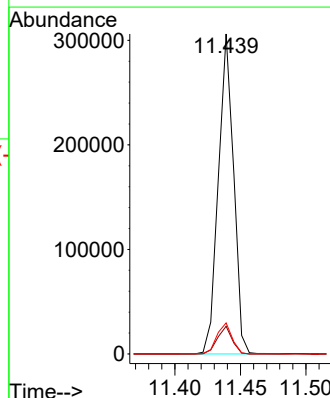
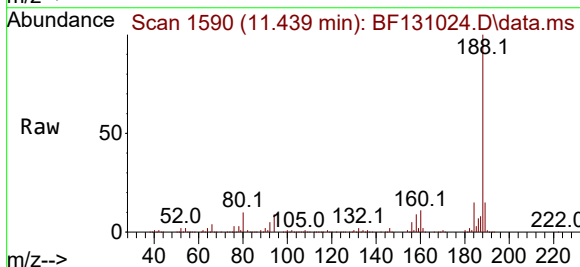
Instrument :
BNA_F
ClientSampleId :
SB-3

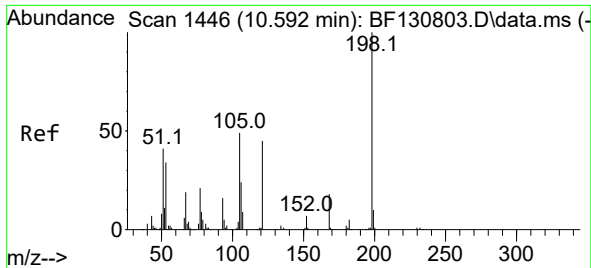
Tgt Ion:165 Resp: 19932
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion:188 Resp: 247161
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.7 8.0 12.0

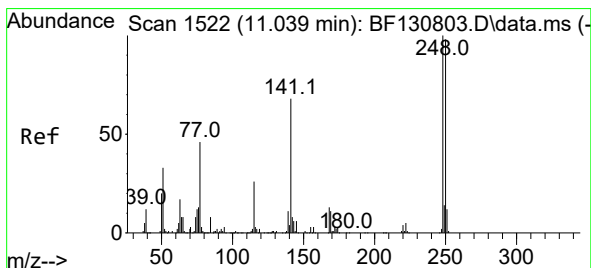
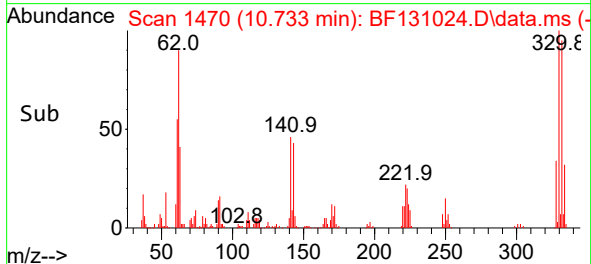
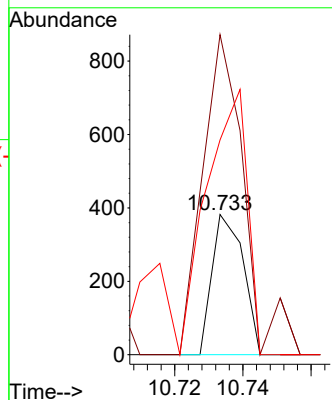
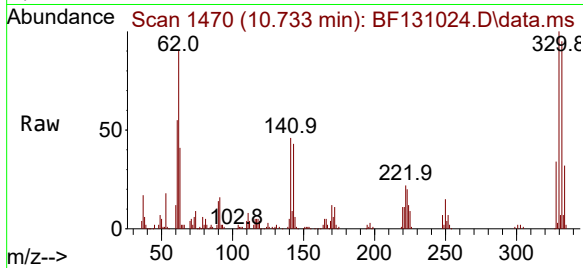




#65
4,6-Dinitro-2-methylphenol
Concen: 8.124 ng
RT: 10.733 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

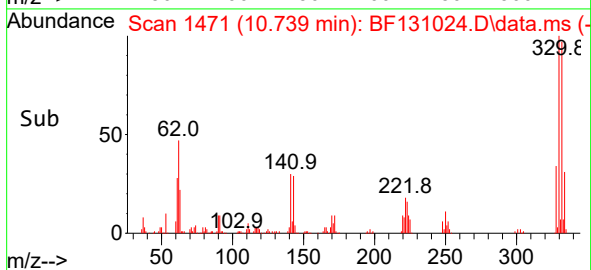
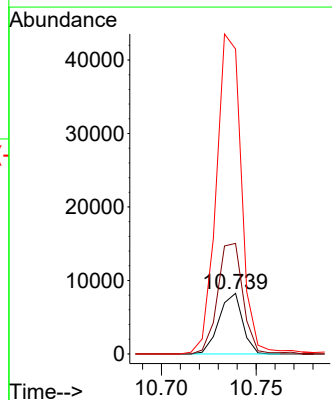
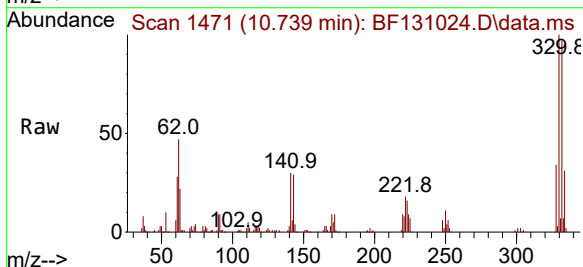
Instrument :
BNA_F
ClientSampleId :
SB-3

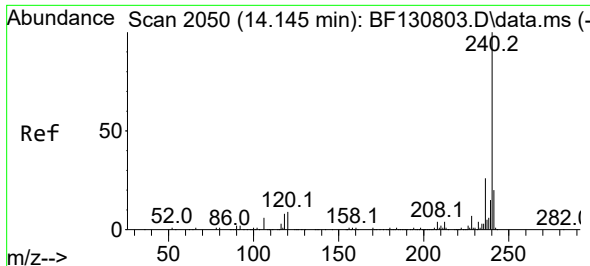
Tgt Ion:198 Resp: 242
Ion Ratio Lower Upper
198 100
51 228.3 39.0 79.0#
105 153.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.247 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion:248 Resp: 7126
Ion Ratio Lower Upper
248 100
250 182.3 78.6 117.8#
141 502.9 54.2 81.4#

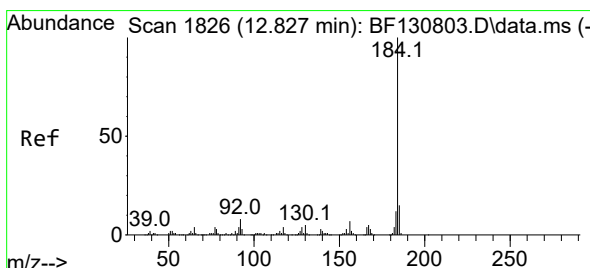
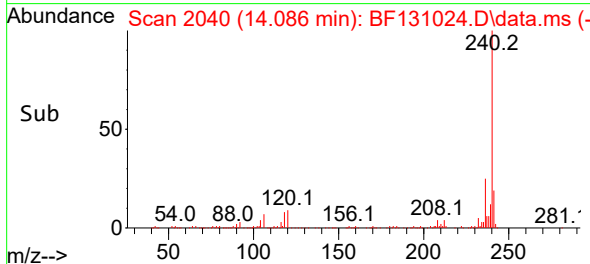
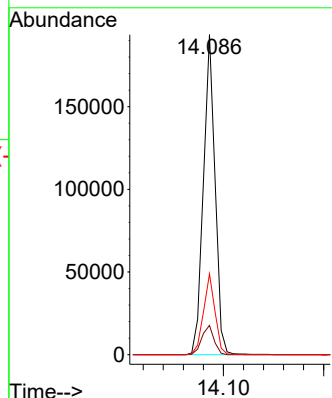
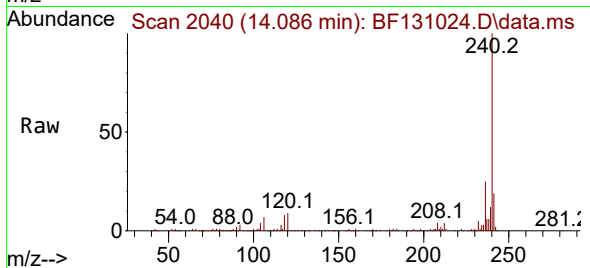




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

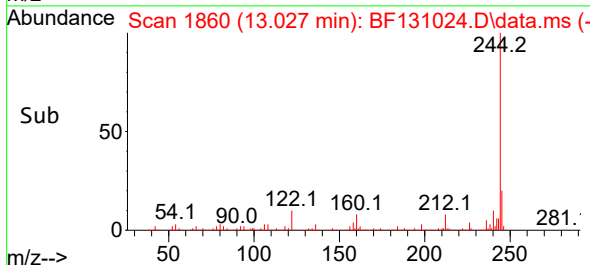
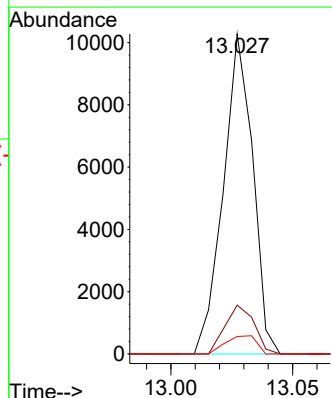
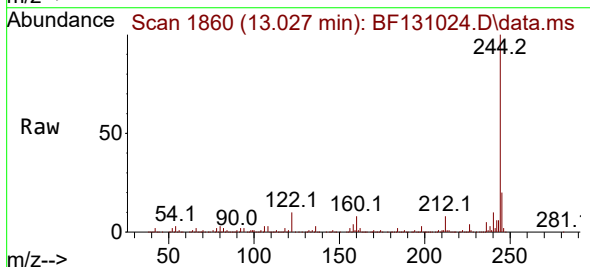
Instrument :
BNA_F
ClientSampleId :
SB-3

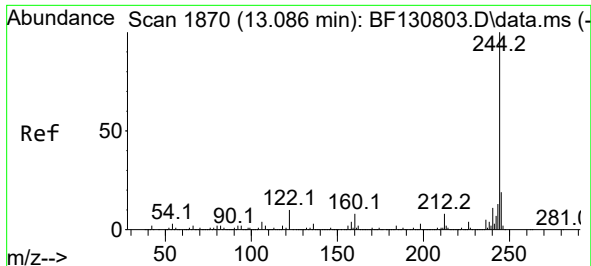
Tgt Ion:240 Resp: 156845
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 25.3 20.5 30.7



#77
Benzidine
Concen: 2.265 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131024.D
Acq: 05 Nov 2022 17:38

Tgt Ion:184 Resp: 8625
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 5.4 9.7 14.5#

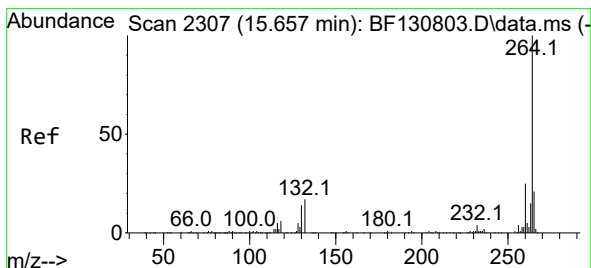
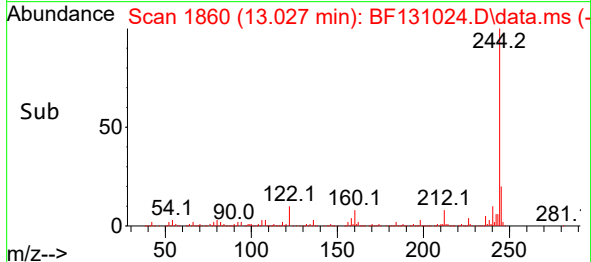
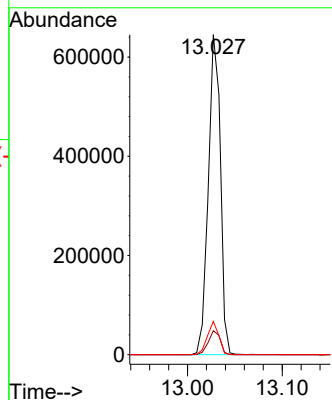
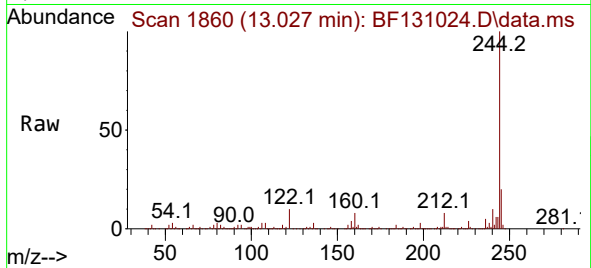




#79
 Terphenyl-d14
 Concen: 66.728 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131024.D
 Acq: 05 Nov 2022 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 571148
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.4 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: BF131024.D
 Acq: 05 Nov 2022 17:38

Tgt Ion:264 Resp: 118006
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.9 29.9
 265 21.2 17.0 25.6

