

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131923.D
 Acq On : 05 Jan 2023 19:32
 Operator : CG\JU
 Sample : 01029-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-204

Quant Time: Jan 06 03:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

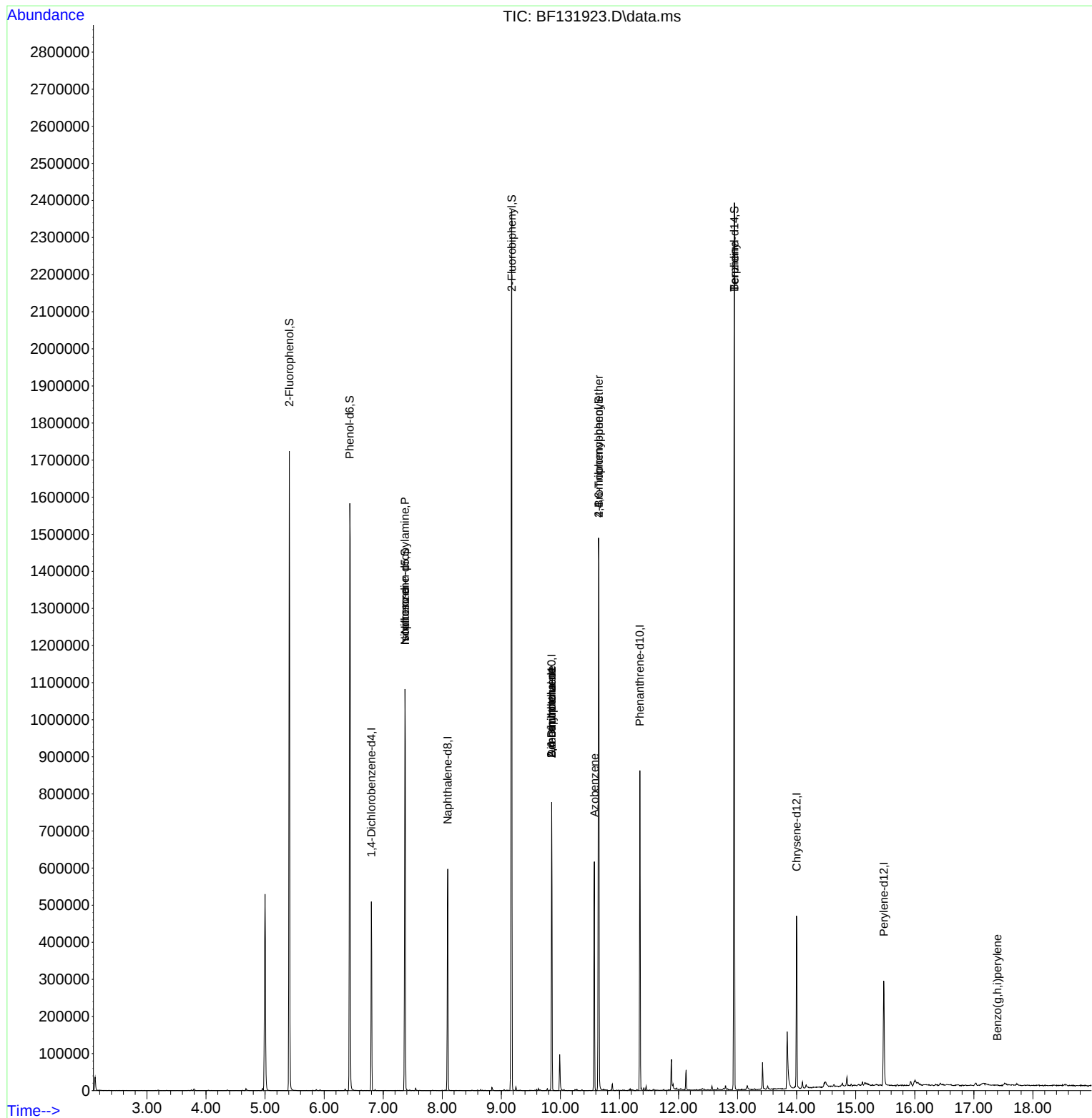
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	66177	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	244156	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	143507	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282618	20.000	ng	0.00
76) Chrysene-d12	13.998	240	147215	20.000	ng	-0.01
86) Perylene-d12	15.474	264	128967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	421063	105.444	ng	0.00
7) Phenol-d6	6.434	99	555715	105.923	ng	0.00
23) Nitrobenzene-d5	7.369	82	388411	63.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	169325	108.597	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	682751	65.167	ng	0.00
79) Terphenyl-d14	12.945	244	798071	91.699	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	55264	14.915	ng	# 80
25) Isophorone	7.369	82	388407	38.892	ng	# 69
50) Dimethylphthalate	9.851	163	27098	2.496	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	18126	7.712	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	18126	5.639	ng	# 16
63) Azobenzene	10.575	77	108880	9.389	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	11977	3.656	ng	# 1
77) Benzidine	12.945	184	12158	5.025	ng	# 91
92) Benzo(g,h,i)perylene	17.398	276	782	5.335	ng	# 56

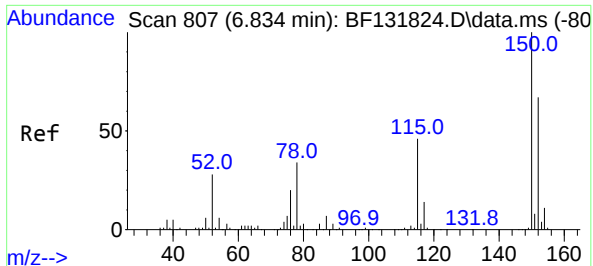
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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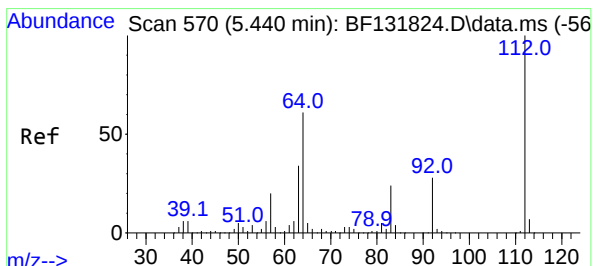
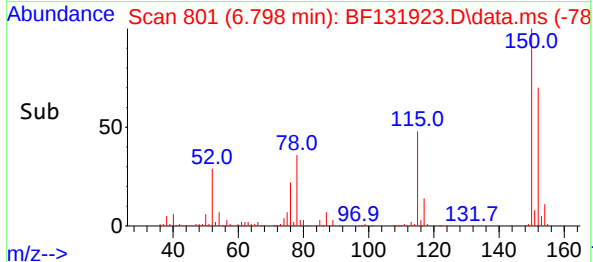
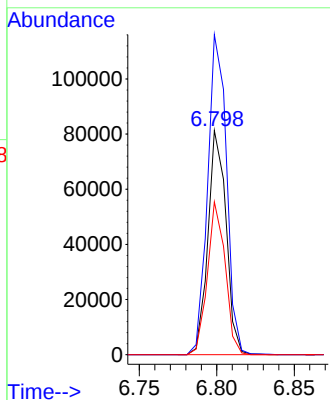
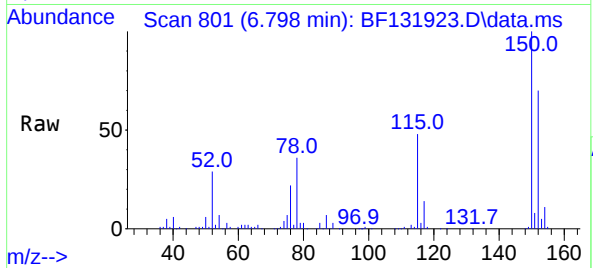




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

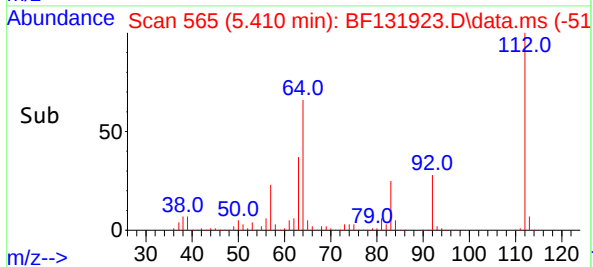
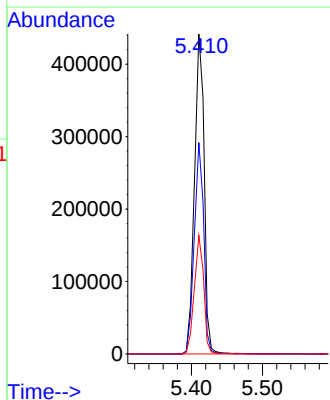
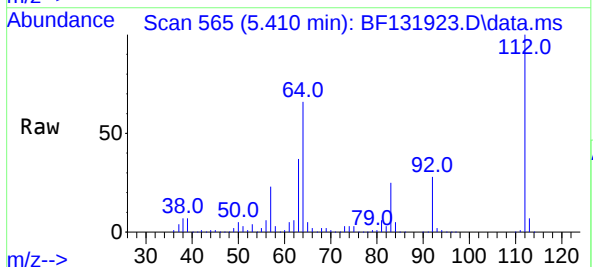
Instrument :
BNA_F
ClientSampleId :
TP-204

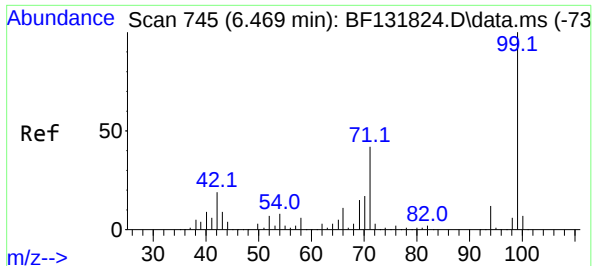
Tgt Ion:152 Resp: 66177
Ion Ratio Lower Upper
152 100
150 142.7 120.0 180.0
115 68.1 55.1 82.7



#5
2-Fluorophenol
Concen: 105.444 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion:112 Resp: 421063
Ion Ratio Lower Upper
112 100
64 66.0 49.2 73.8
63 37.0 27.5 41.3

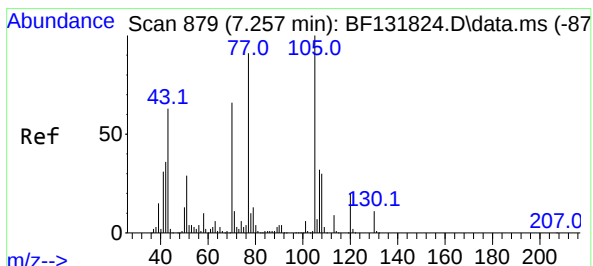
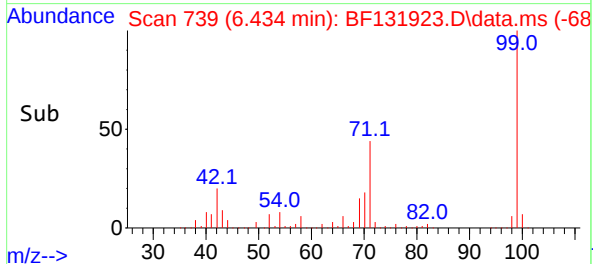
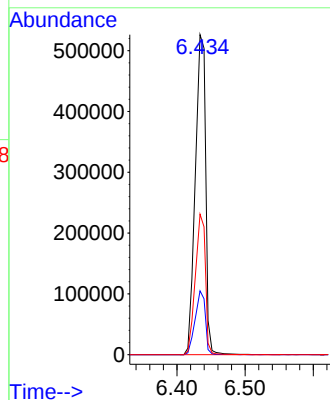
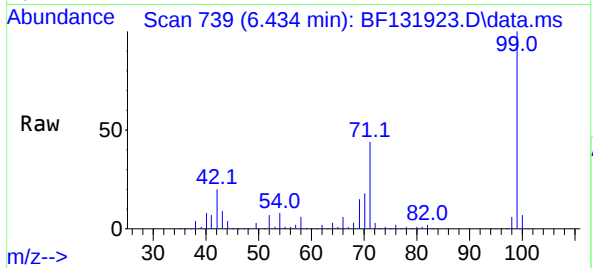




#7
Phenol-d6
Concen: 105.923 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

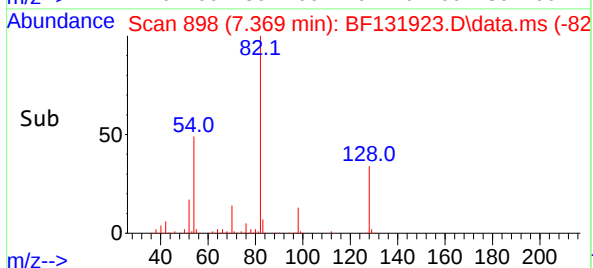
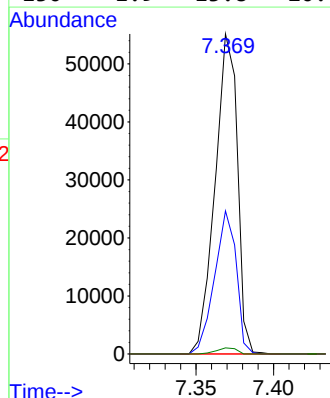
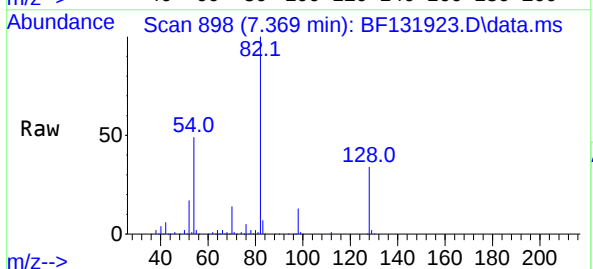
Instrument :
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ClientSampleId :
TP-204

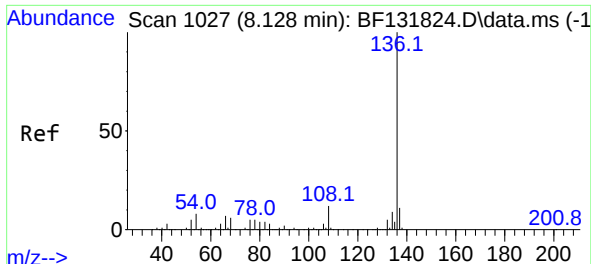
Tgt Ion: 99 Resp: 555715
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.915 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion: 70 Resp: 55264
Ion Ratio Lower Upper
70 100
42 44.7 43.8 65.6
101 0.0 7.4 11.0#
130 1.9 13.8 20.6#



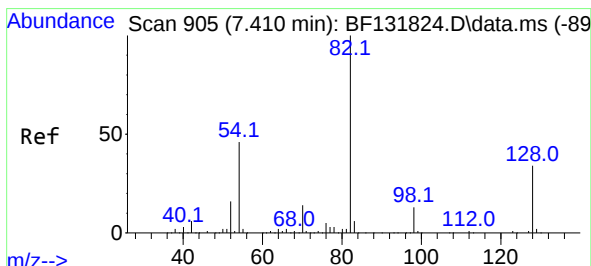
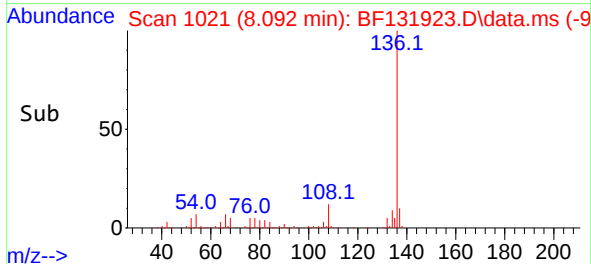
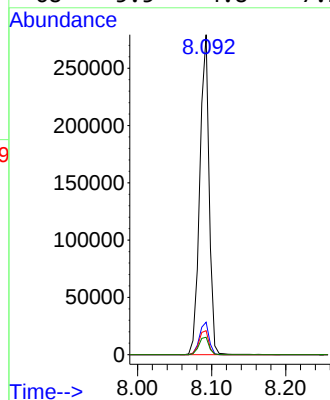
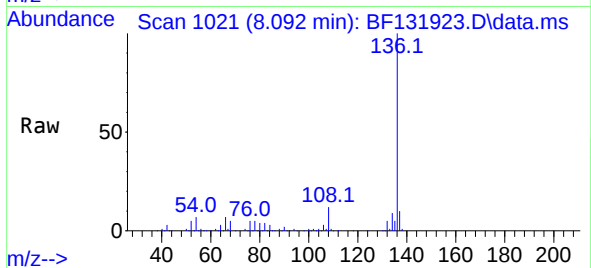


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Instrument :
BNA_F
ClientSampleId :
TP-204

Tgt Ion:136 Resp: 244156

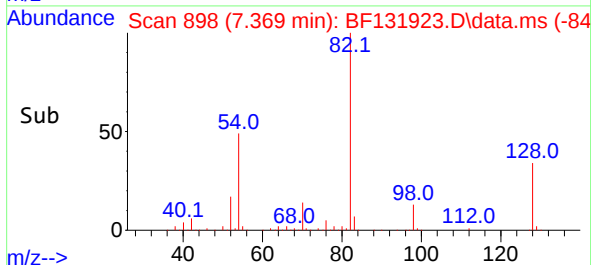
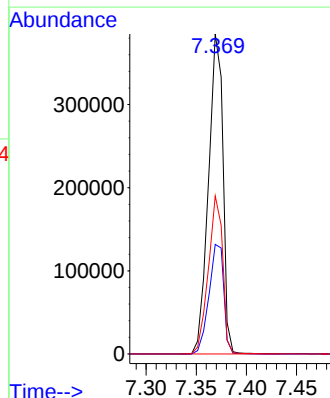
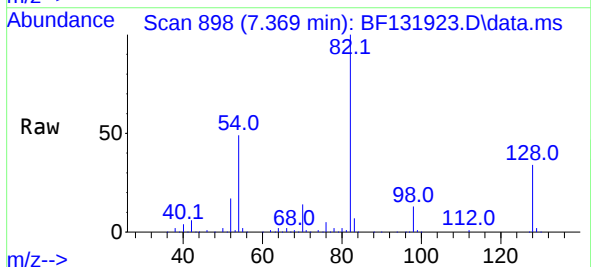
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	12.8
54	7.5	6.7	10.1
68	5.5	4.8	7.2

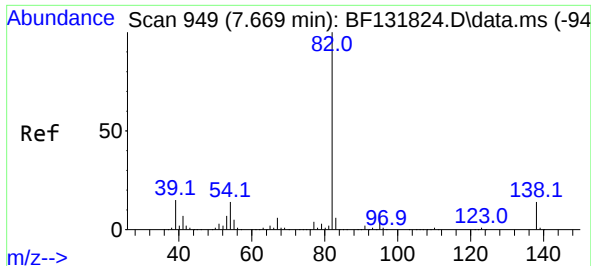


#23
Nitrobenzene-d5
Concen: 63.515 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion: 82 Resp: 388411

Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.1	40.7
54	49.4	37.0	55.6

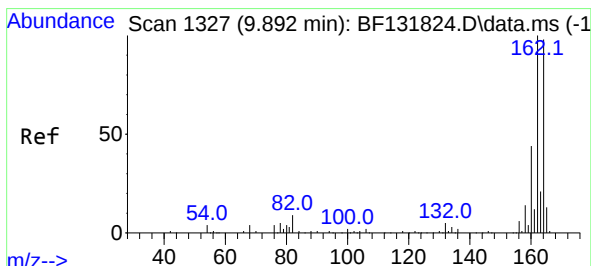
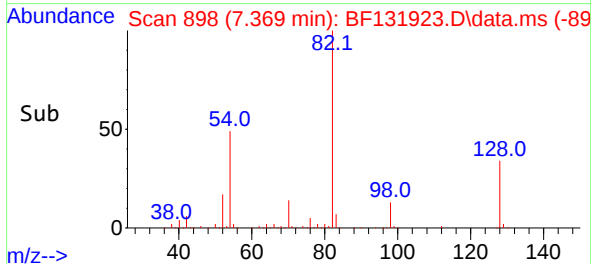
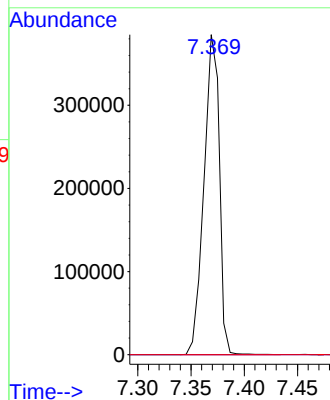
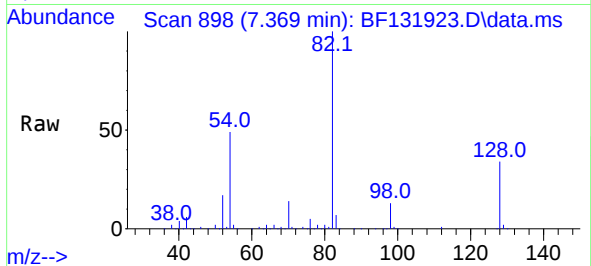




#25
Isophorone
Concen: 38.892 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

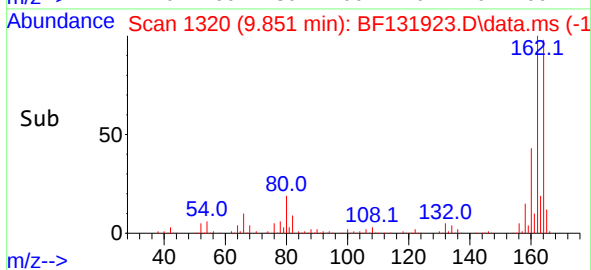
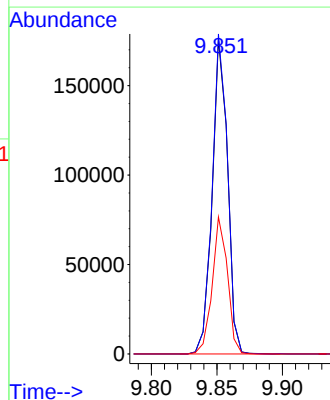
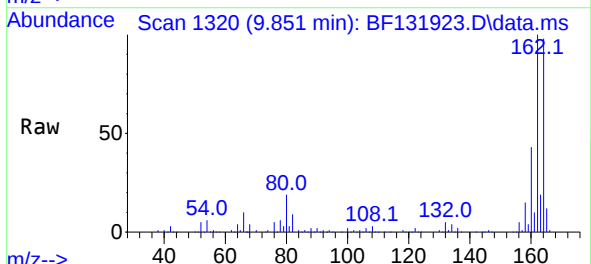
Instrument :
BNA_F
ClientSampleId :
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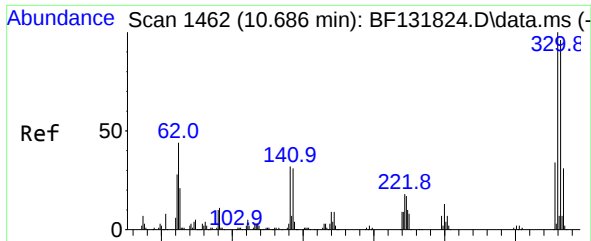
Tgt Ion: 82 Resp: 388407
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

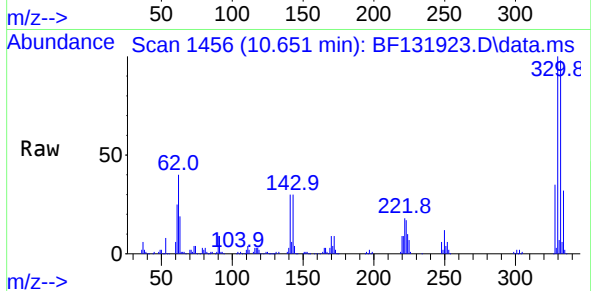
Tgt Ion:164 Resp: 143507
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 43.6 35.7 53.5



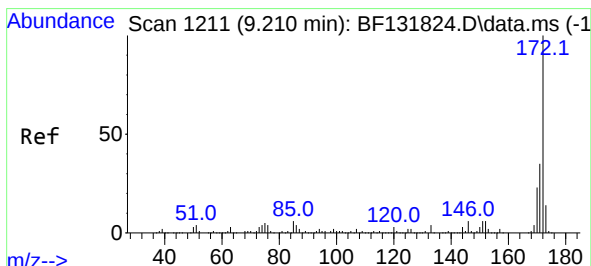
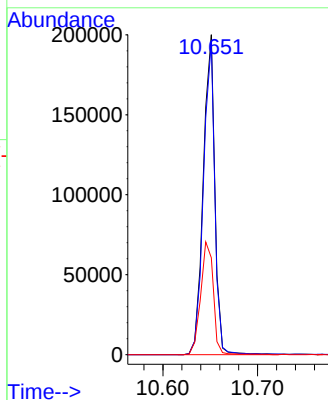
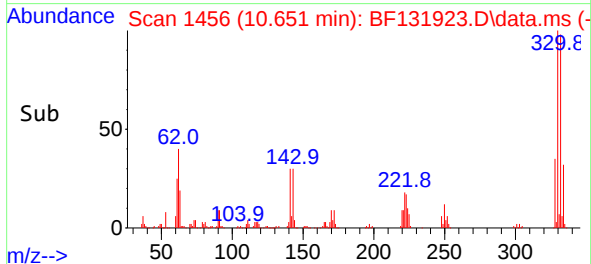


#42
2,4,6-Tribromophenol
Concen: 108.597 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

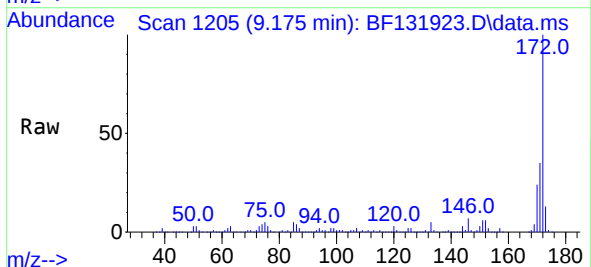
Instrument :
BNA_F
ClientSampleId :
TP-204



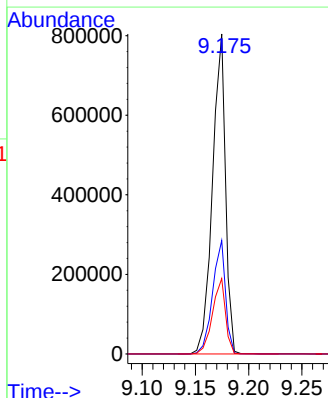
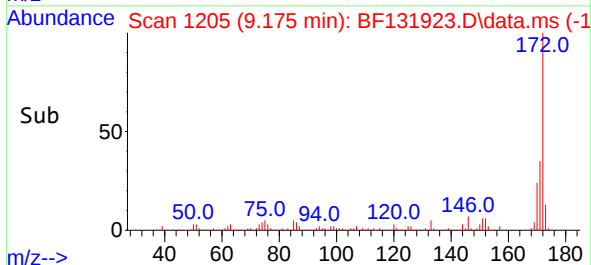
Tgt Ion:330 Resp: 169325
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 38.5 31.0 46.4

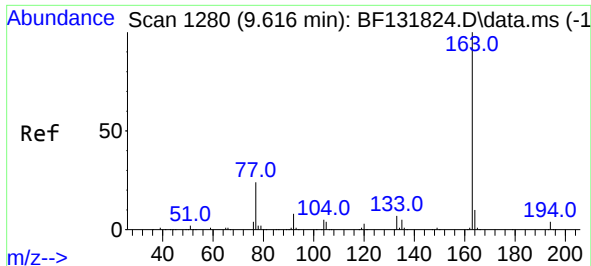


#45
2-Fluorobiphenyl
Concen: 65.167 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32



Tgt Ion:172 Resp: 682751
Ion Ratio Lower Upper
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171 35.4 27.9 41.9
170 23.6 18.7 28.1

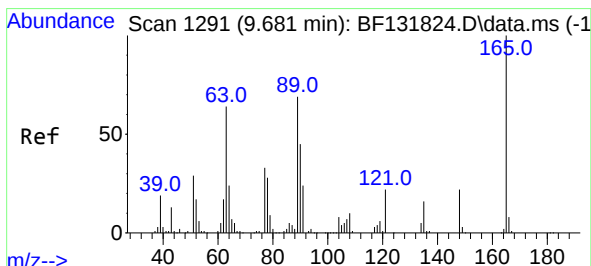
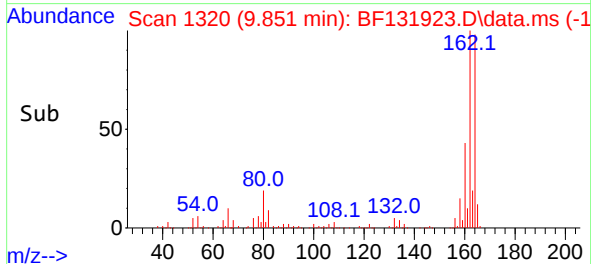
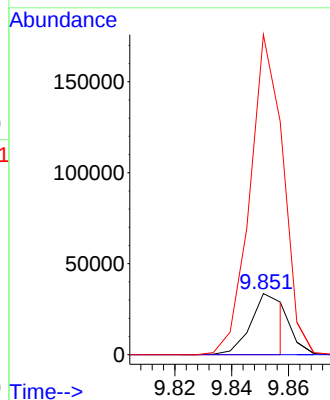
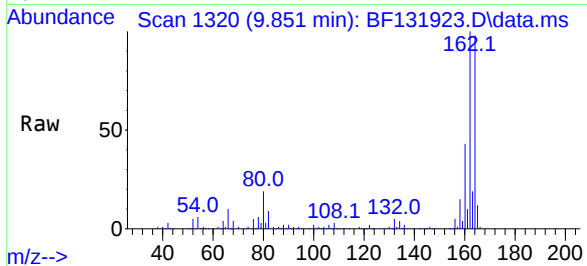




#50
Dimethylphthalate
Concen: 2.496 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

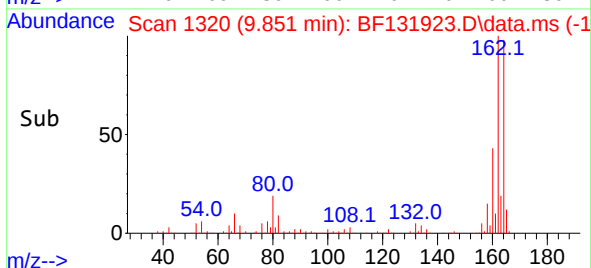
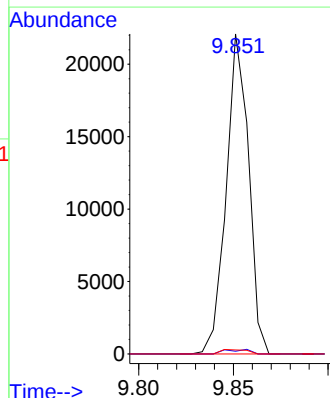
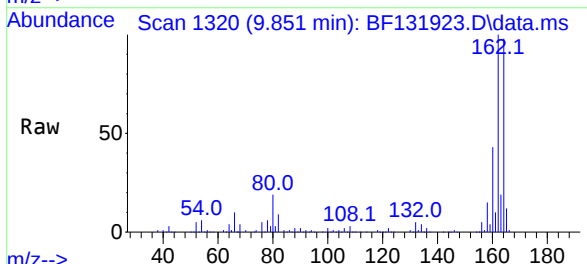
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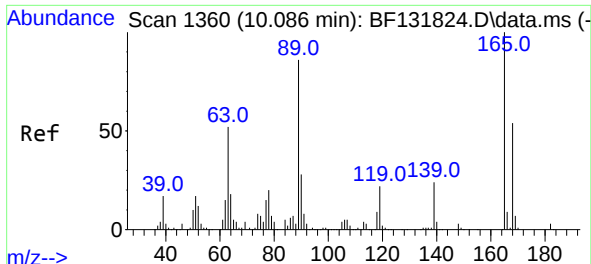
Tgt Ion:163 Resp: 27098
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 523.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.712 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion:165 Resp: 18126
Ion Ratio Lower Upper
165 100
63 0.9 55.1 82.7#
89 1.3 55.0 82.4#



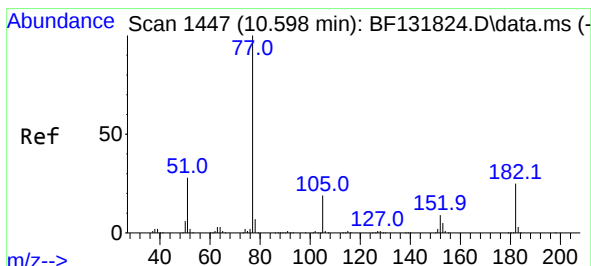
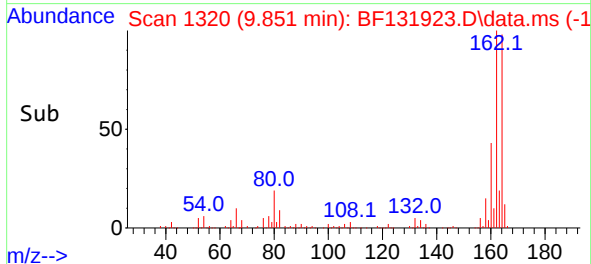
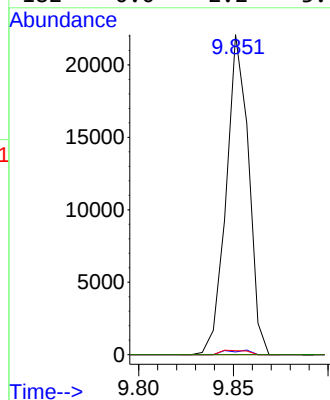
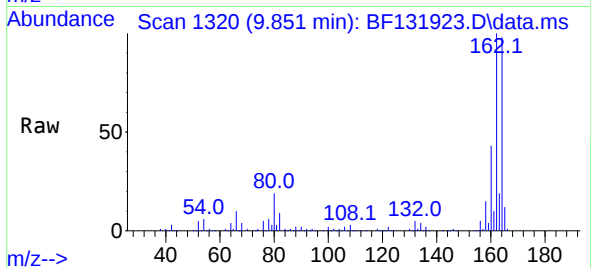


#57
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Instrument :
BNA_F
ClientSampleId :
TP-204

Tgt Ion:165 Resp: 18126

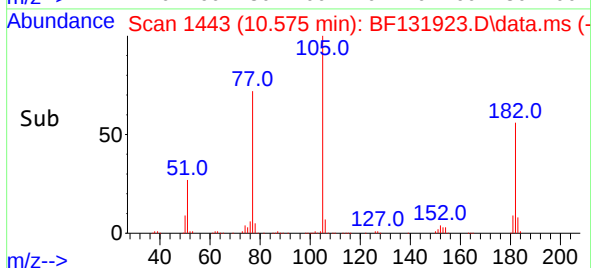
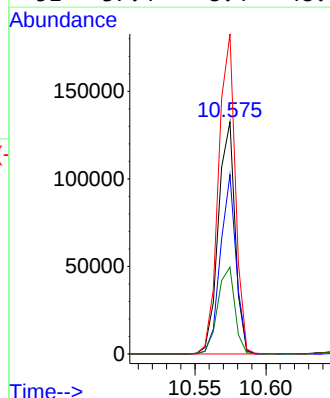
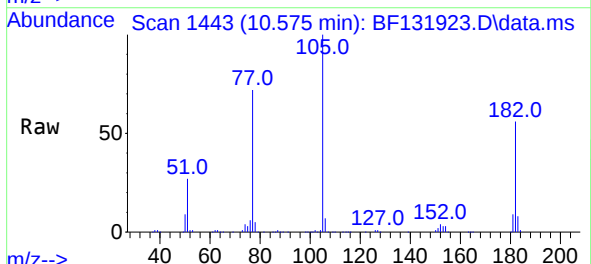
Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.1	63.1#
89	1.3	69.1	103.7#
182	0.0	2.2	3.4#

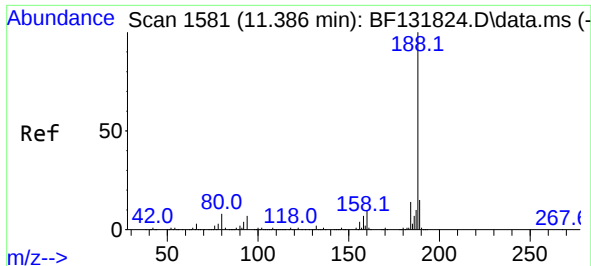


#63
Azobenzene
Concen: 9.389 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion: 77 Resp: 108880

Ion	Ratio	Lower	Upper
77	100		
182	77.2	5.0	45.0#
105	138.0	0.0	39.4#
51	37.4	8.4	48.4

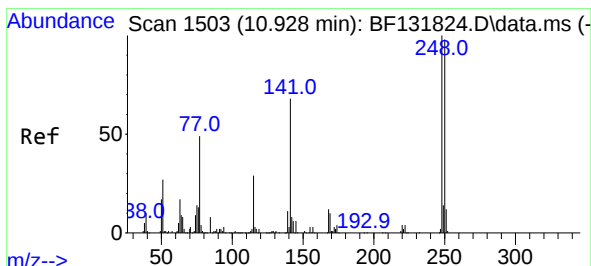
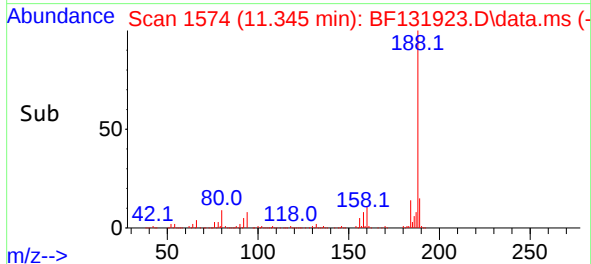
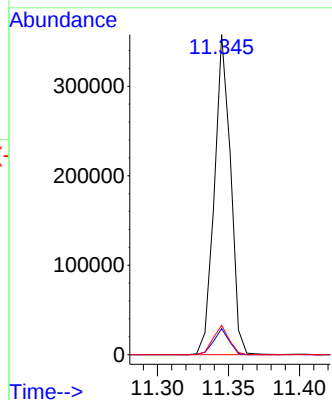
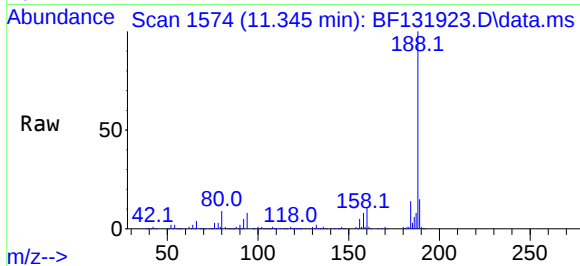




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

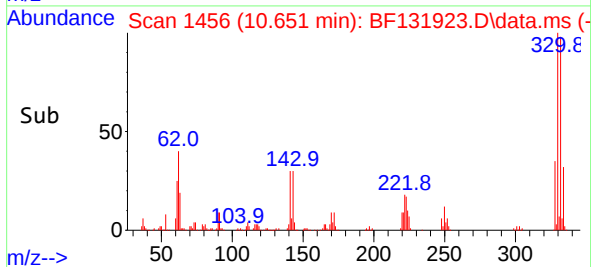
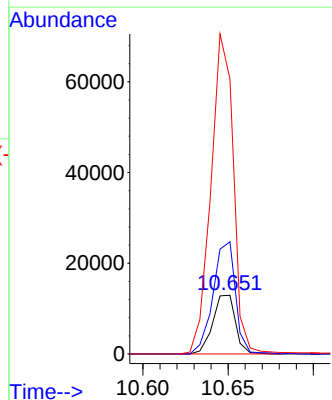
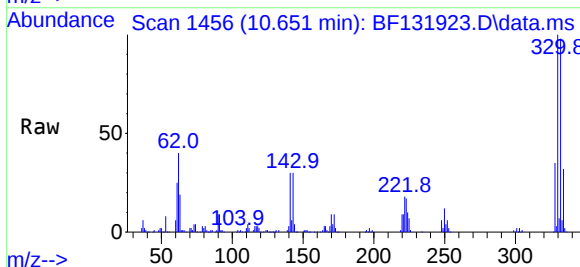
Instrument :
BNA_F
ClientSampleId :
TP-204

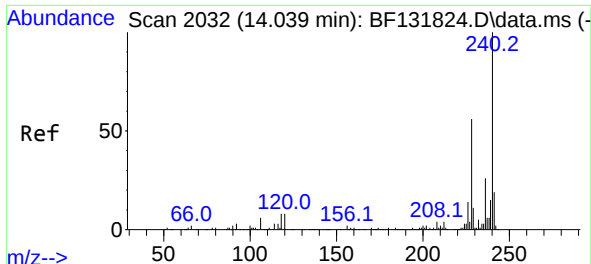
Tgt Ion:188 Resp: 282618
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.2 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.656 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion:248 Resp: 11977
Ion Ratio Lower Upper
248 100
250 190.9 78.0 117.0#
141 467.4 54.8 82.2#

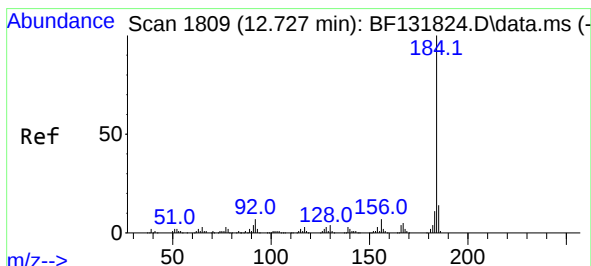
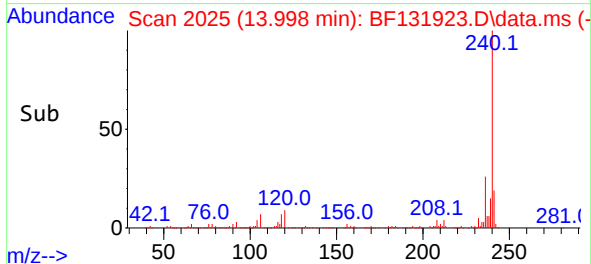
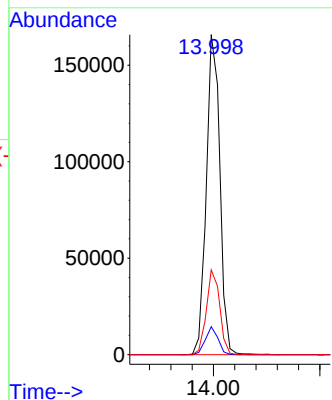
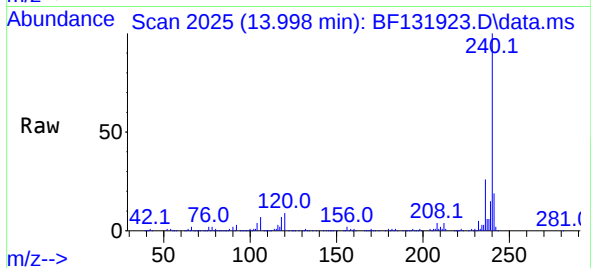




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

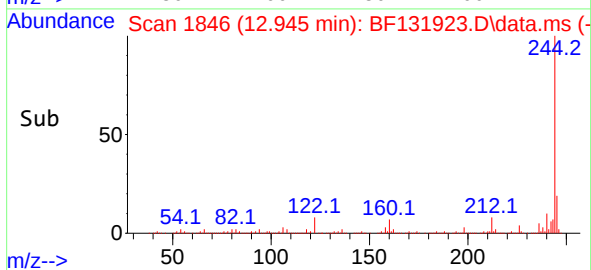
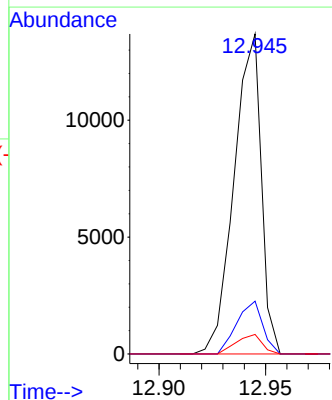
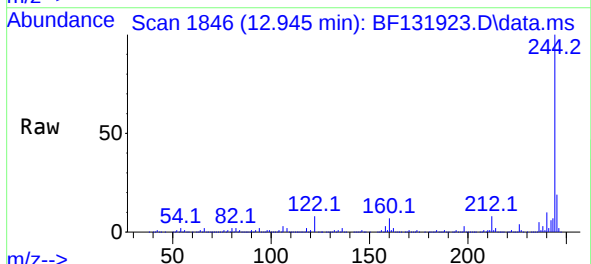
Instrument :
BNA_F
ClientSampleId :
TP-204

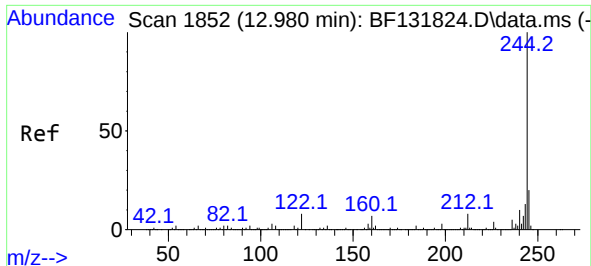
Tgt Ion:240 Resp: 147215
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.5 20.6 31.0



#77
Benzidine
Concen: 5.025 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

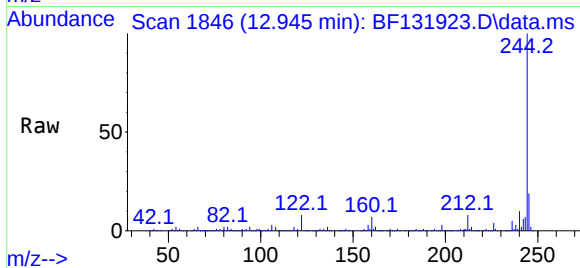
Tgt Ion:184 Resp: 12158
Ion Ratio Lower Upper
184 100
185 16.5 11.6 17.4
183 6.1 9.0 13.4



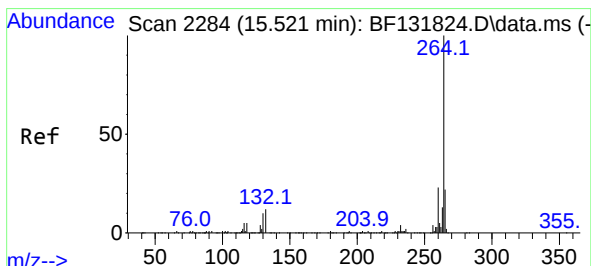
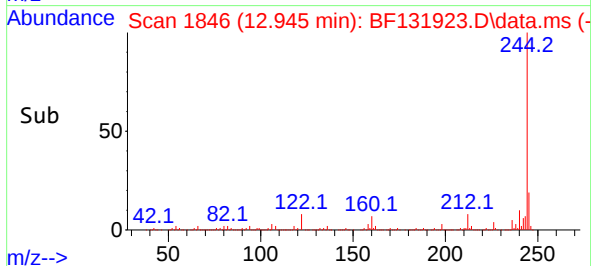
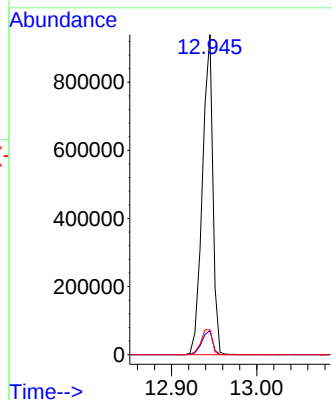


#79
 Terphenyl-d14
 Concen: 91.699 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-204

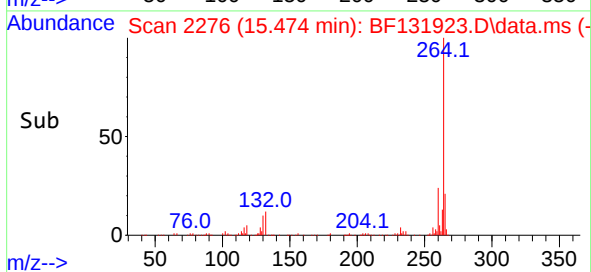
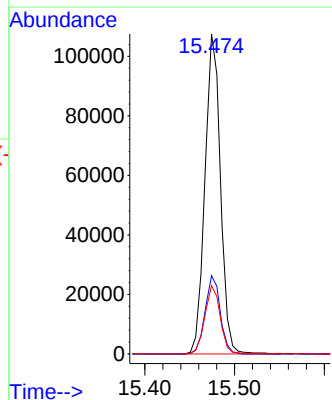
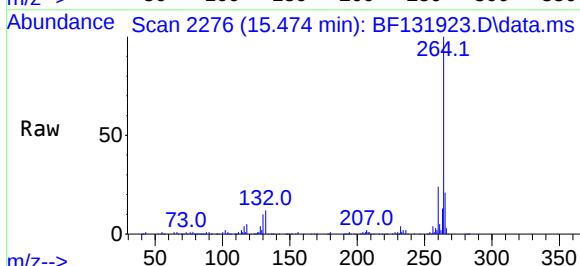


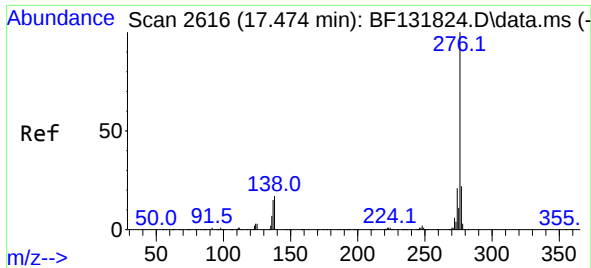
Tgt Ion:244 Resp: 798071
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.7 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

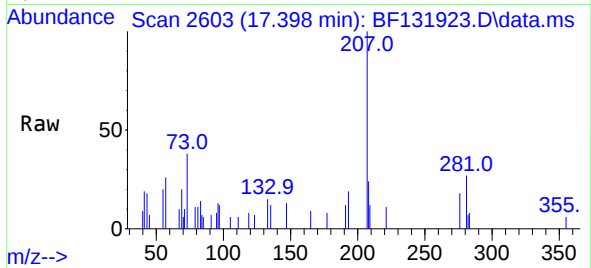
Tgt Ion:264 Resp: 128967
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.4 17.4 26.0





#92
Benzo(g,h,i)perylene
Concen: 5.335 ng
RT: 17.398 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Instrument :
BNA_F
ClientSampleId :
TP-204



Tgt Ion:276 Resp: 782
Ion Ratio Lower Upper
276 100
277 0.0 17.9 26.9#
138 0.0 13.7 20.5#

