

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131925.D
 Acq On : 05 Jan 2023 20:36
 Operator : CG\JU
 Sample : N6245-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMP

Quant Time: Jan 06 03:14:20 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)

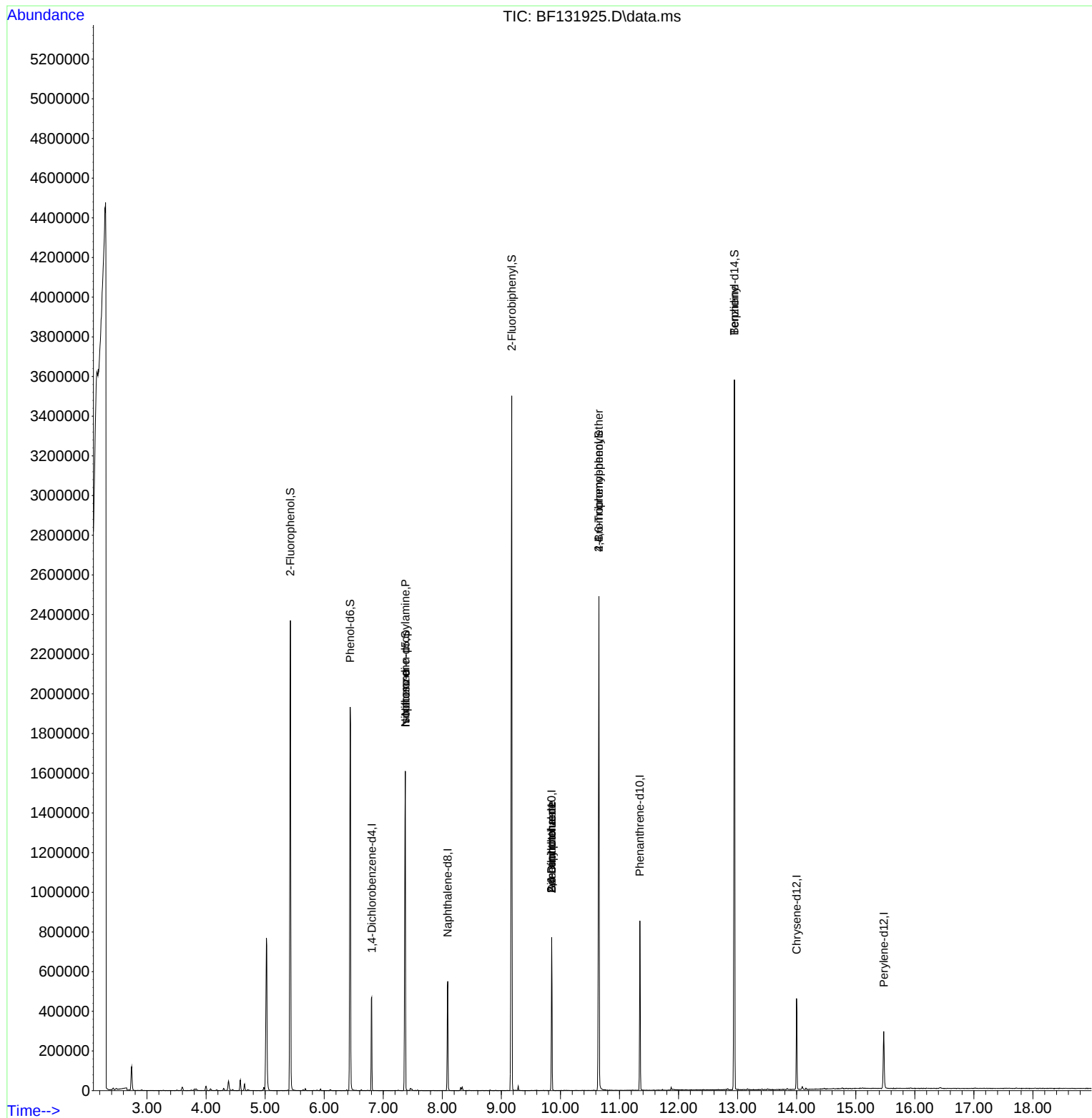
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	66107	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	242527	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	143015	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282320	20.000	ng	0.00
76) Chrysene-d12	13.998	240	149330	20.000	ng	-0.01
86) Perylene-d12	15.474	264	133982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	588893	147.628	ng	0.02
7) Phenol-d6	6.439	99	706990	134.900	ng	0.00
23) Nitrobenzene-d5	7.375	82	579375	95.379	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	265750	171.025	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1039473	99.556	ng	0.00
79) Terphenyl-d14	12.945	244	1303295	147.629	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	80717	21.808	ng	# 78
25) Isophorone	7.375	82	579371	58.404	ng	# 69
50) Dimethylphthalate	9.851	163	26477	2.447	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	18315	7.820	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	18315	5.718	ng	# 16
67) 4-Bromophenyl-phenylether	10.651	248	18466	5.643	ng	# 1
77) Benzidine	12.945	184	20177	8.222	ng	# 94

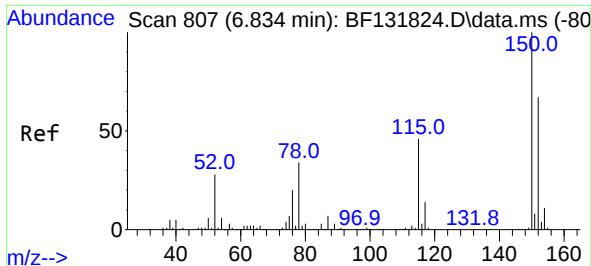
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jan 06 03:14:20 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

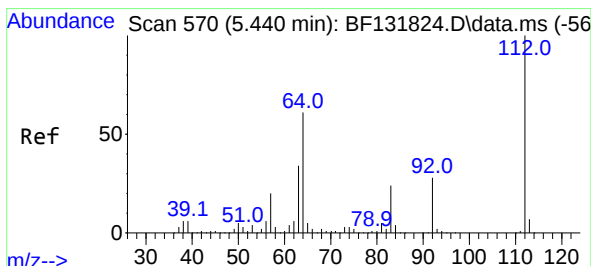
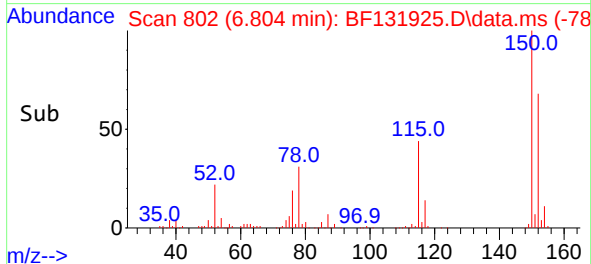
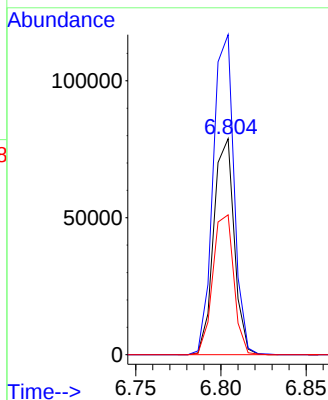
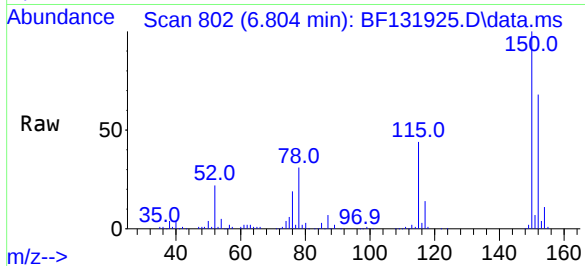




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

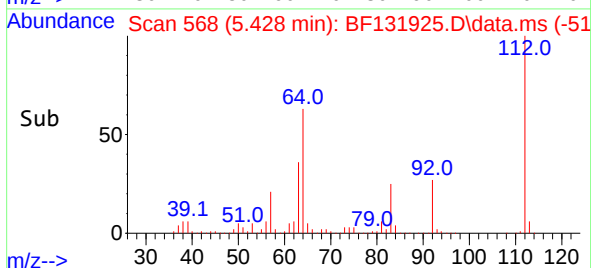
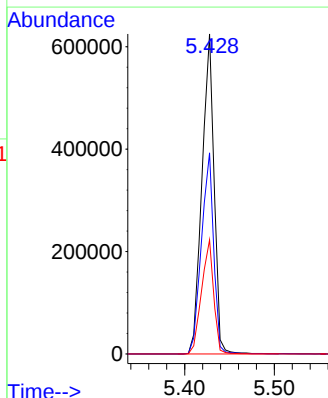
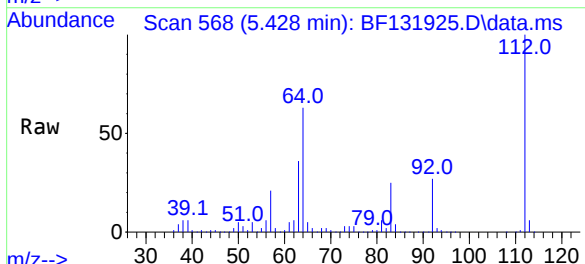
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

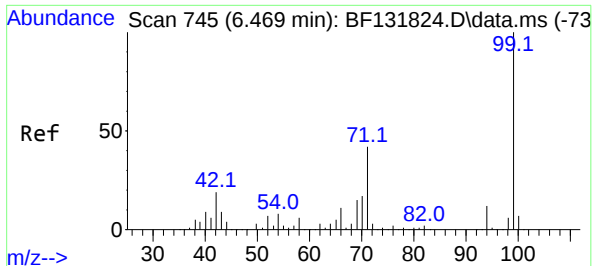
Tgt Ion:152 Resp: 66107
Ion Ratio Lower Upper
152 100
150 148.1 120.0 180.0
115 64.7 55.1 82.7



#5
2-Fluorophenol
Concen: 147.628 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.024 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:112 Resp: 588893
Ion Ratio Lower Upper
112 100
64 62.8 49.2 73.8
63 35.7 27.5 41.3

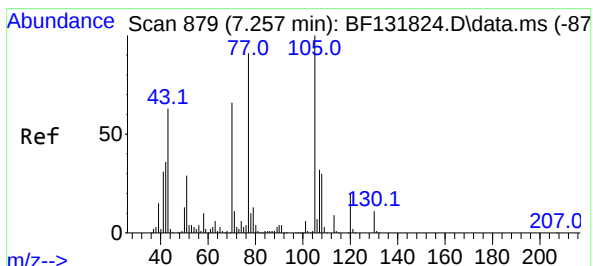
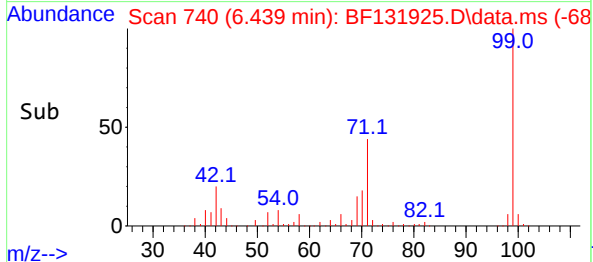
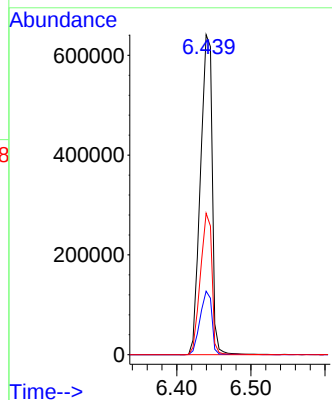
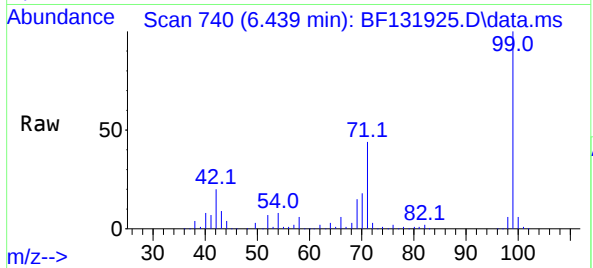




#7
Phenol-d6
Concen: 134.900 ng
RT: 6.439 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

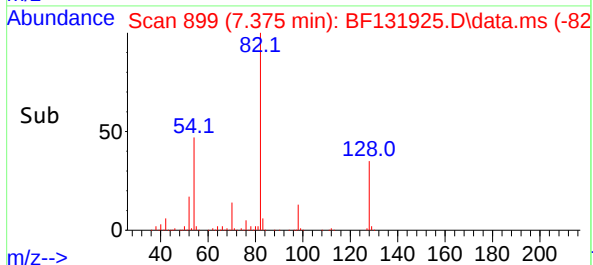
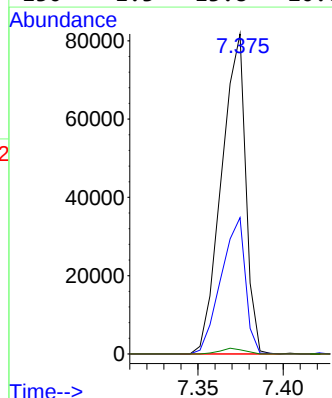
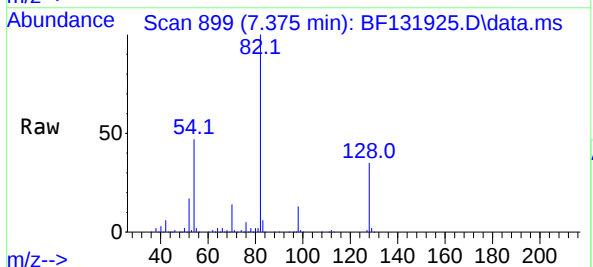
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

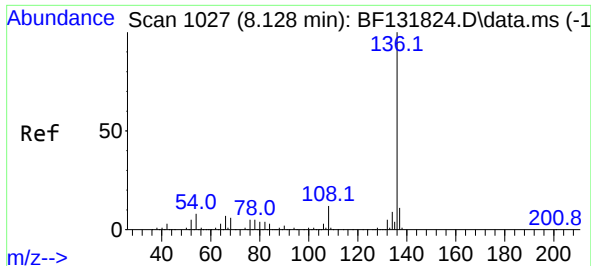
Tgt Ion: 99 Resp: 706990
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 44.2 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.808 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion: 70 Resp: 80717
Ion Ratio Lower Upper
70 100
42 42.6 43.8 65.6#
101 0.0 7.4 11.0#
130 1.3 13.8 20.6#



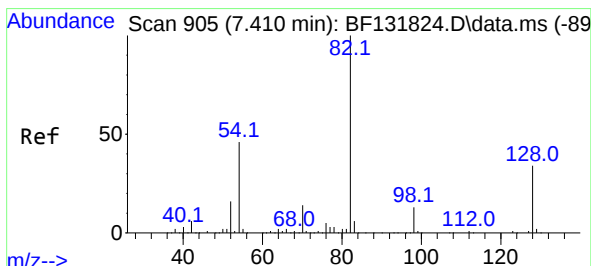
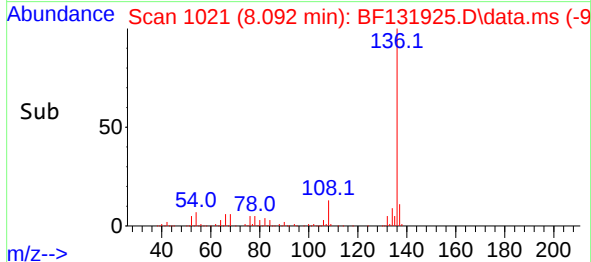
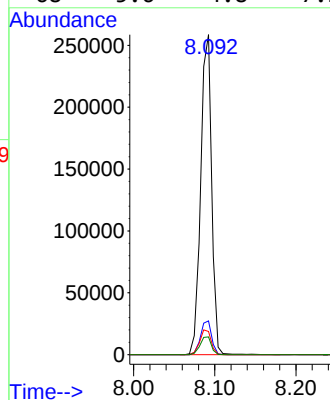
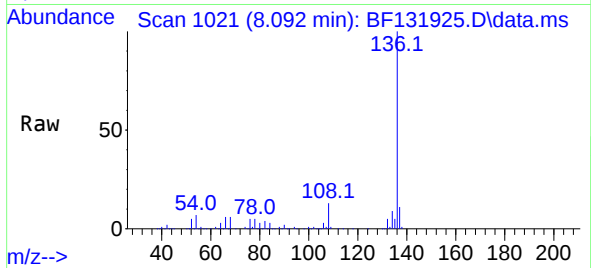


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

Tgt Ion:136 Resp: 242527

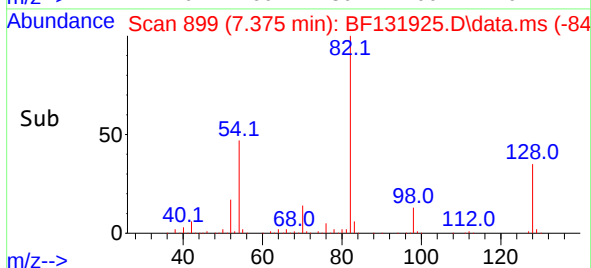
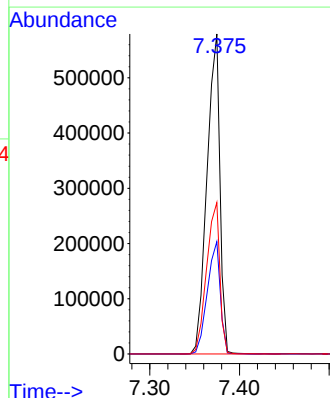
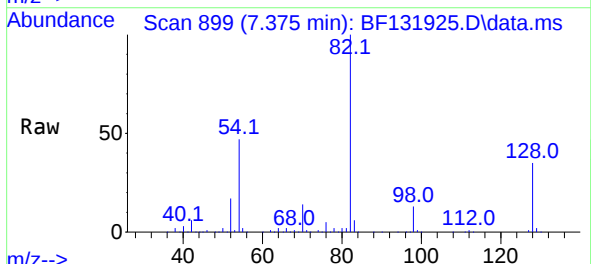
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.2	6.7	10.1
68	5.6	4.8	7.2

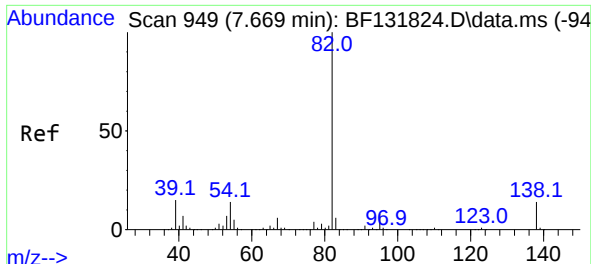


#23
Nitrobenzene-d5
Concen: 95.379 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion: 82 Resp: 579375

Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.1	40.7
54	47.3	37.0	55.6

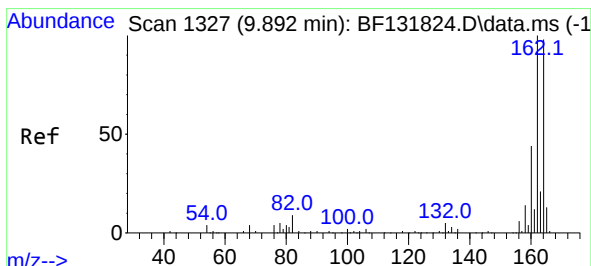
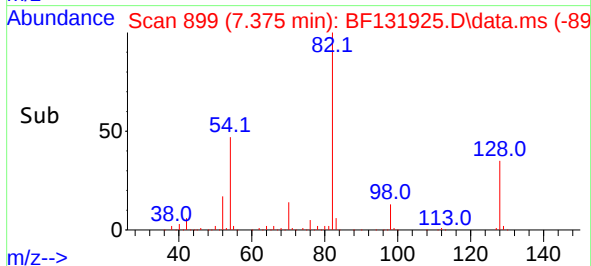
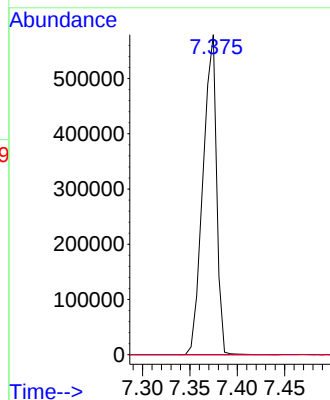
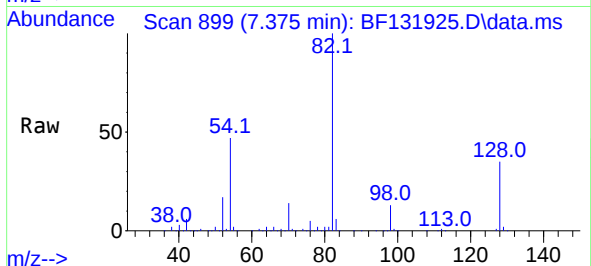




#25
Isophorone
Concen: 58.404 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

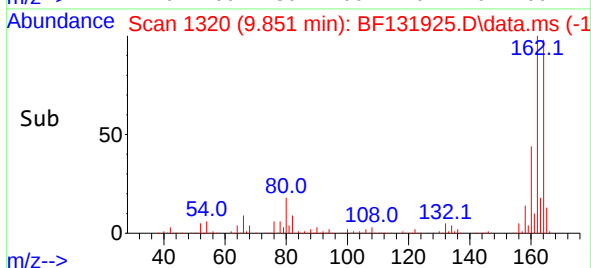
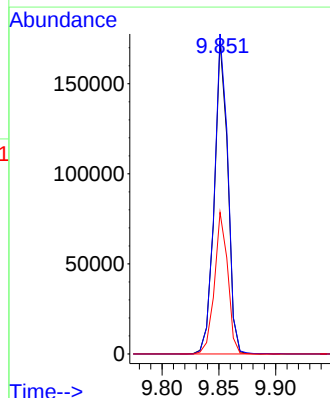
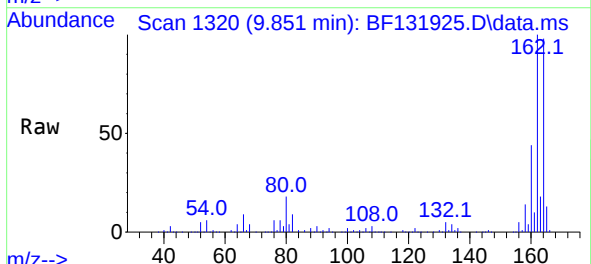
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

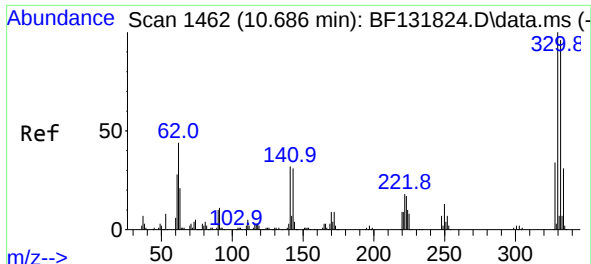
Tgt Ion: 82 Resp: 579371
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

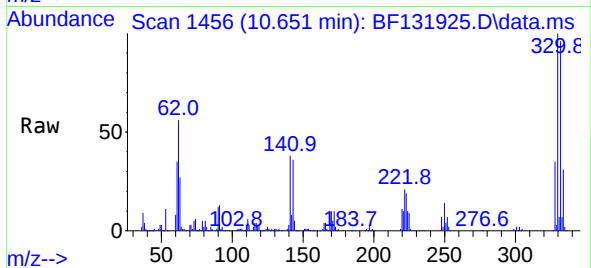
Tgt Ion:164 Resp: 143015
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.2 35.7 53.5



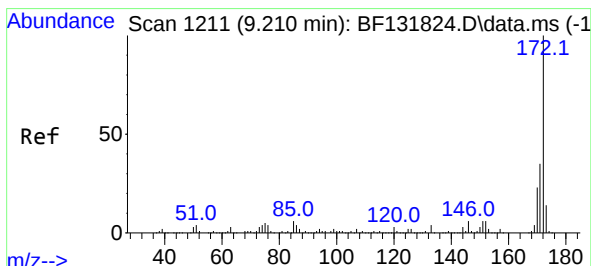
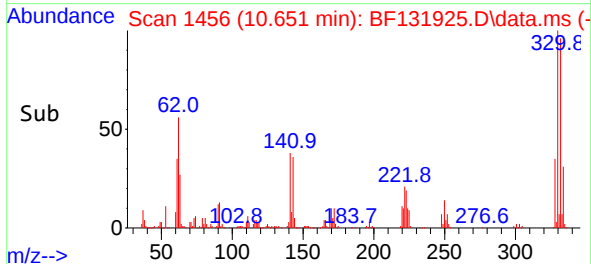
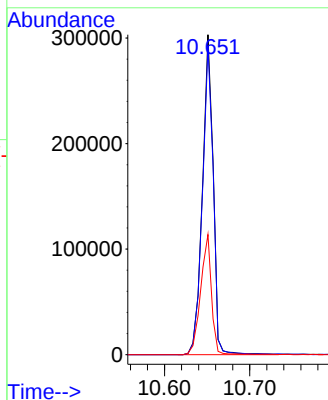


#42
2,4,6-Tribromophenol
Concen: 171.025 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

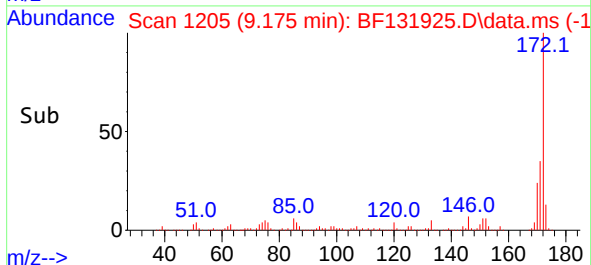
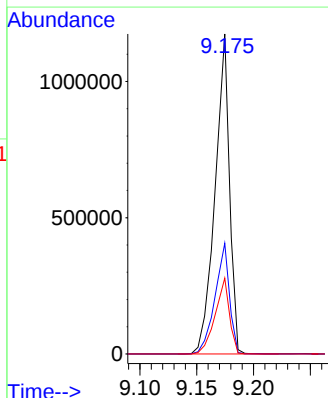
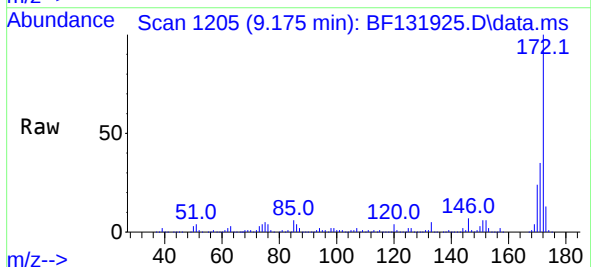


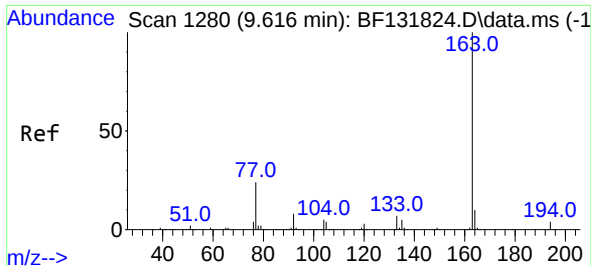
Tgt Ion:330 Resp: 265750
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 37.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 99.556 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:172 Resp: 1039473
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.7 18.7 28.1

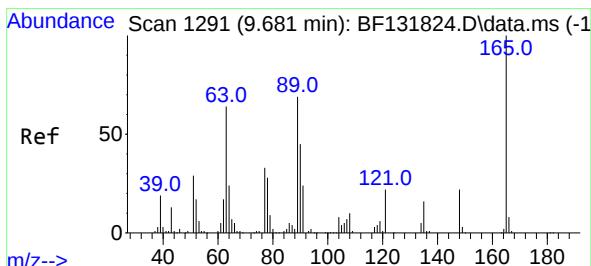
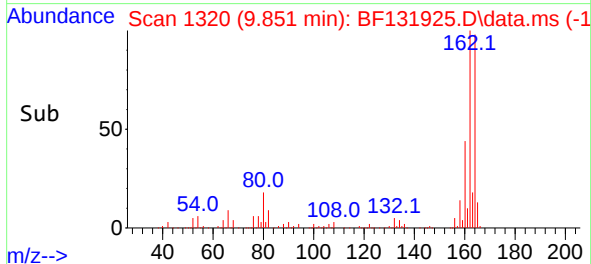
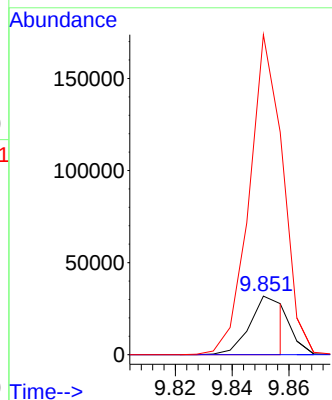
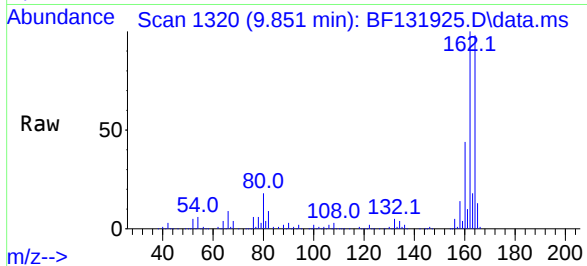




#50
Dimethylphthalate
Concen: 2.447 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

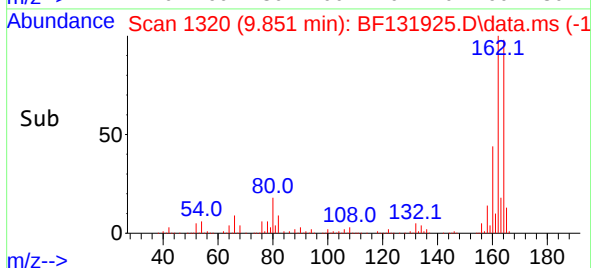
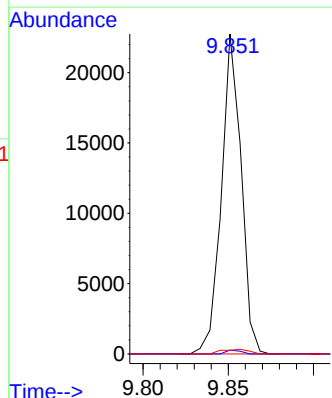
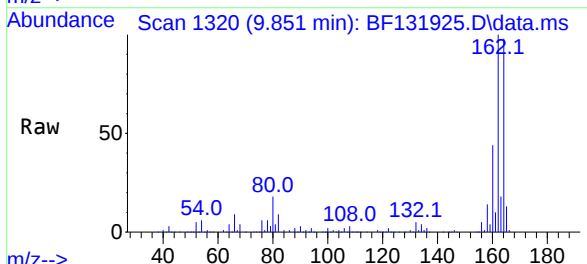
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

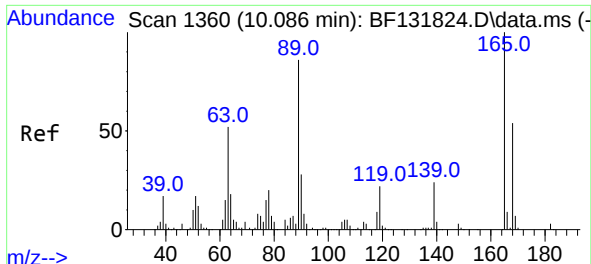
Tgt Ion:163 Resp: 26477
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 545.9 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.820 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:165 Resp: 18315
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.1 55.0 82.4#

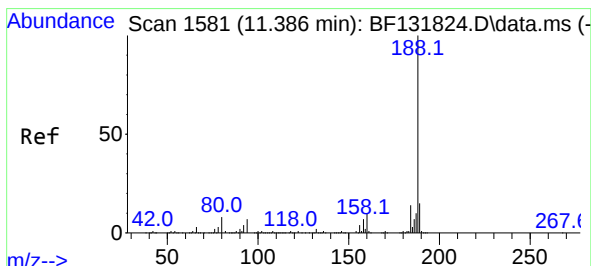
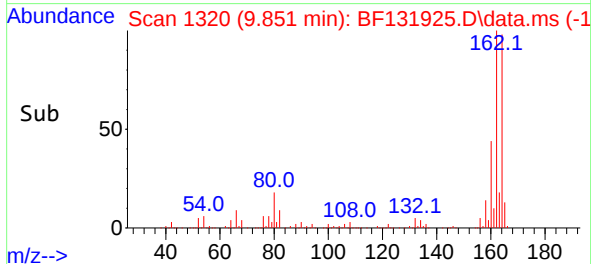
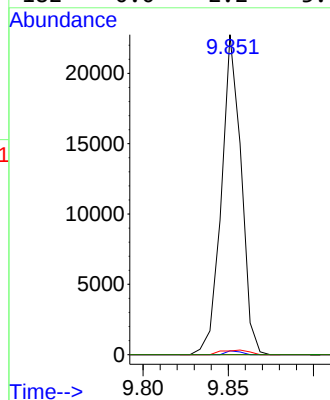
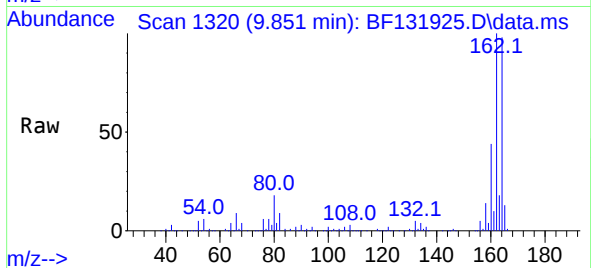




#57
2,4-Dinitrotoluene
Concen: 5.718 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

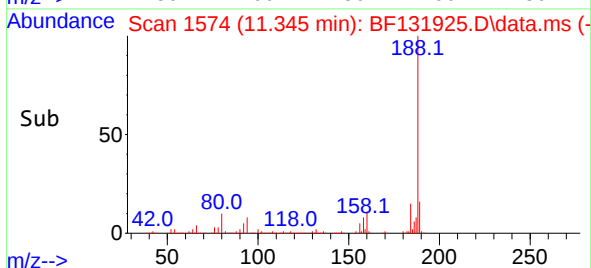
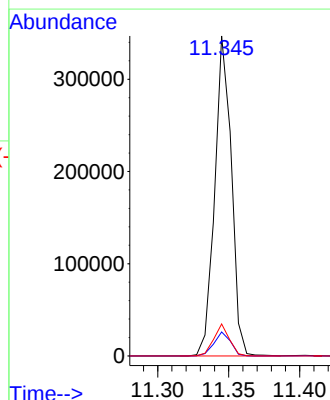
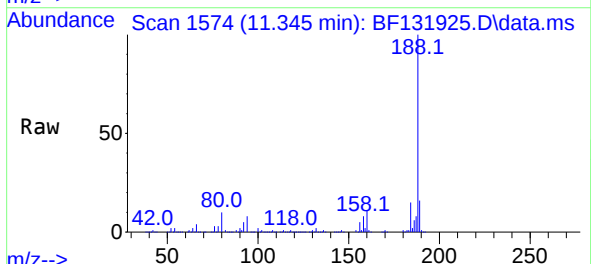
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

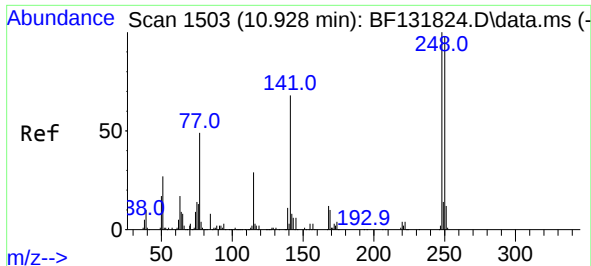
Tgt Ion:165 Resp: 18315
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.1 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:188 Resp: 282320
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 10.0 6.7 10.1

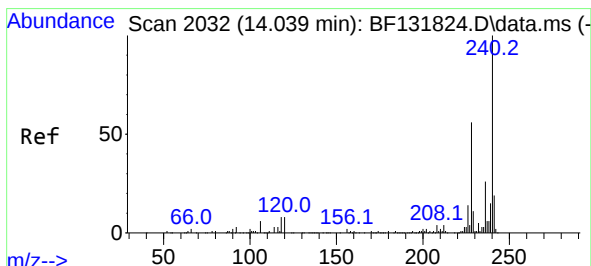
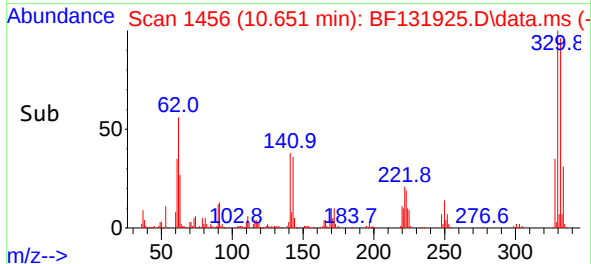
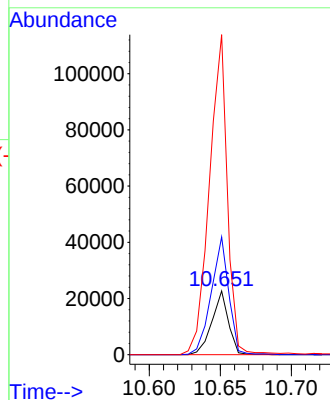
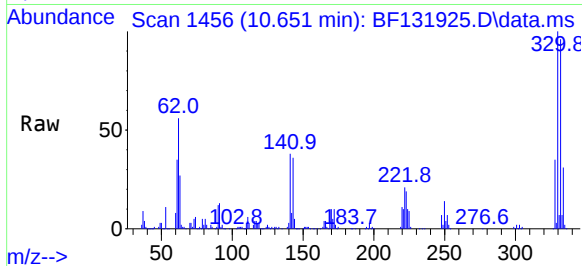




#67
4-Bromophenyl-phenylether
Concen: 5.643 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

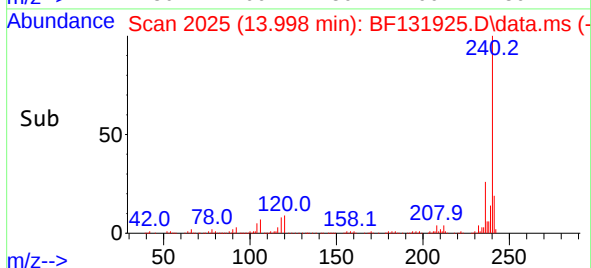
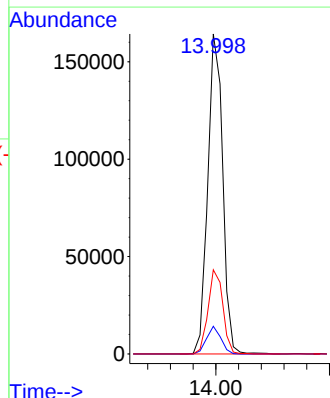
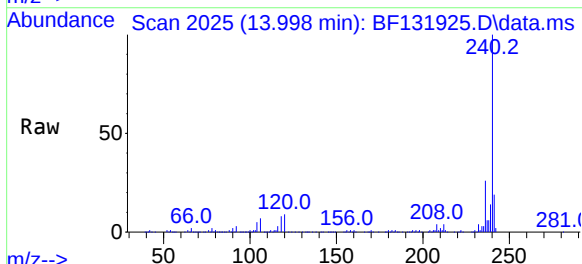
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

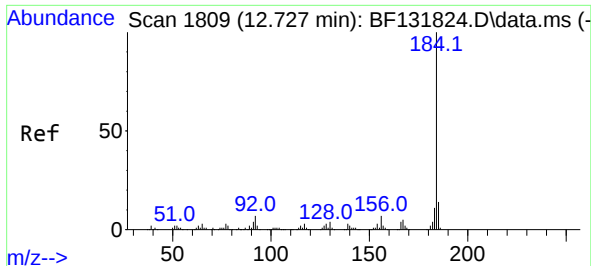
Tgt Ion:248 Resp: 18466
Ion Ratio Lower Upper
248 100
250 185.1 78.0 117.0#
141 502.5 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:240 Resp: 149330
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 26.3 20.6 31.0

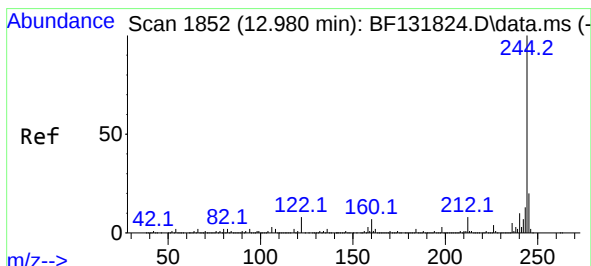
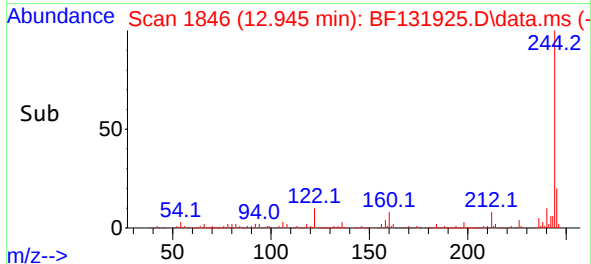
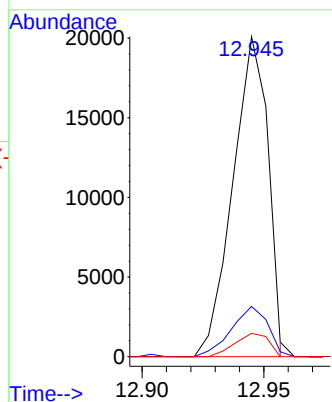
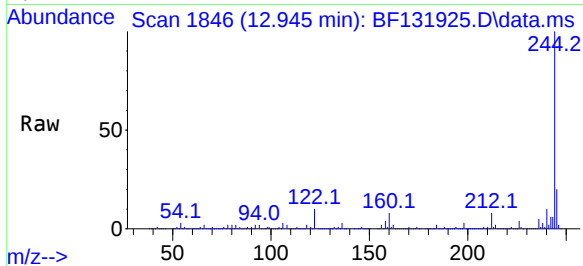




#77
Benzidine
Concen: 8.222 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

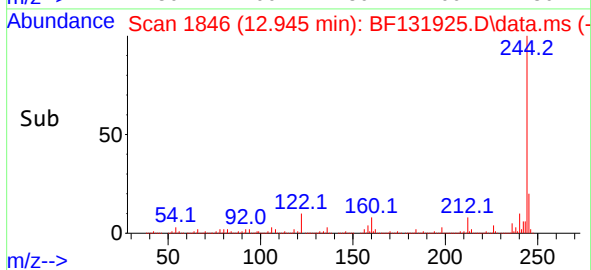
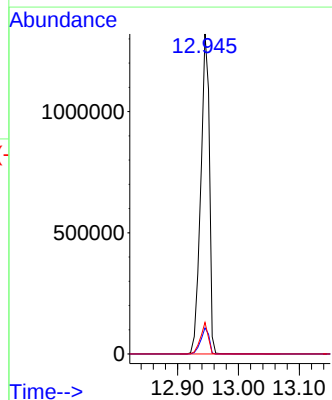
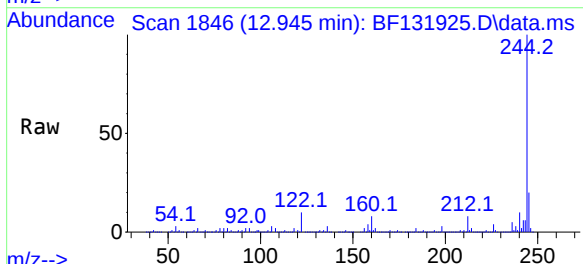
Instrument :
BNA_F
ClientSampleId :
WASTE-COMP

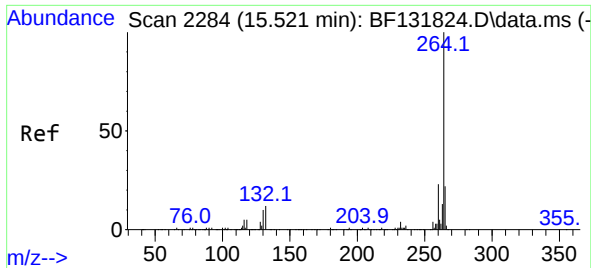
Tgt Ion:184 Resp: 20177
Ion Ratio Lower Upper
184 100
185 15.7 11.6 17.4
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 147.629 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF131925.D
Acq: 05 Jan 2023 20:36

Tgt Ion:244 Resp: 1303295
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 9.8 6.4 9.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131925.D
 Acq: 05 Jan 2023 20:36

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMP

Tgt Ion:264 Resp: 133982
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.1 17.4 26.0

