

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131973.D
 Acq On : 09 Jan 2023 20:33
 Operator : CG\JU
 Sample : 01045-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

Quant Time: Jan 10 03:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

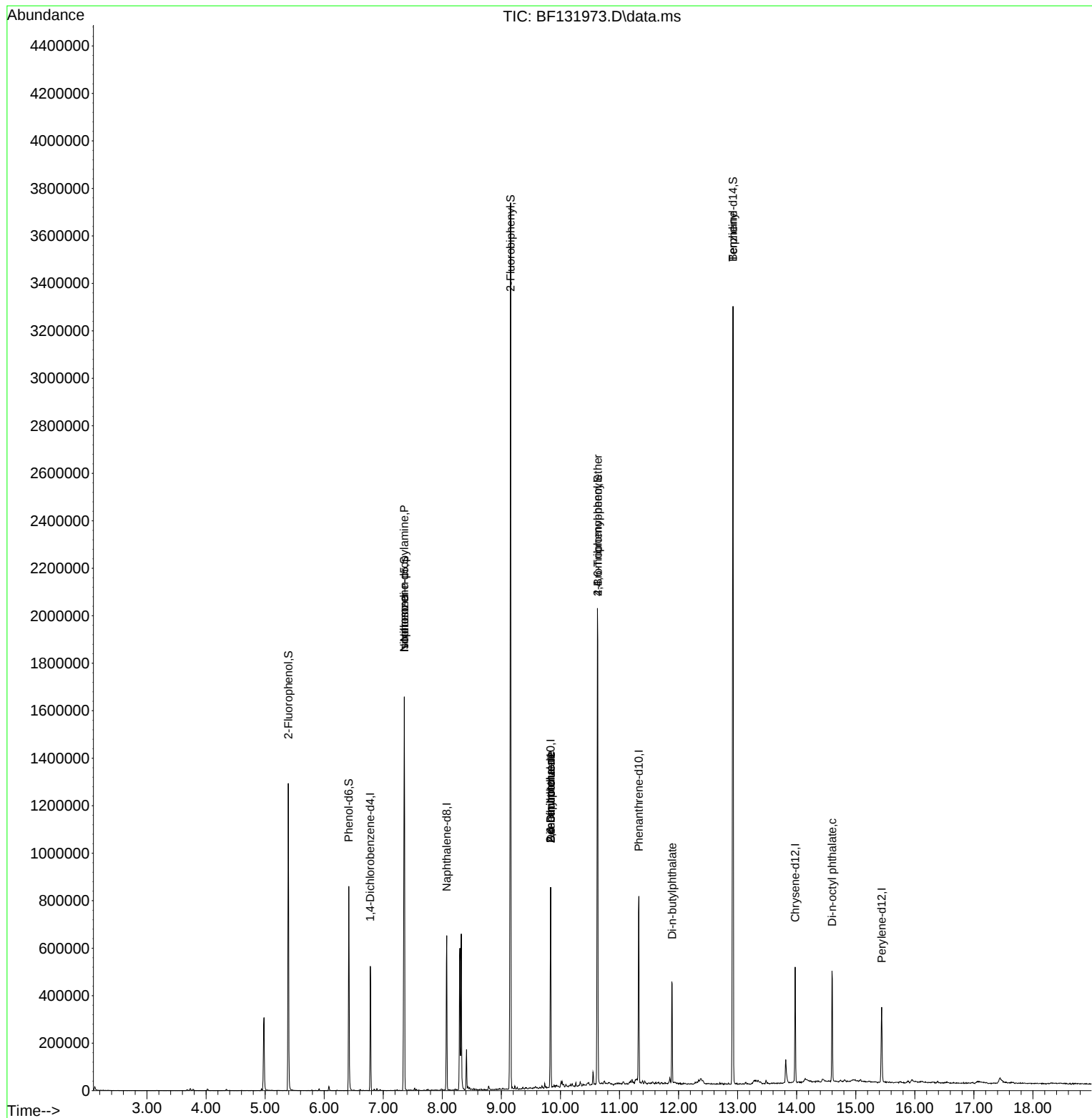
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71231	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	257505	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	145652	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	285796	20.000	ng	0.00
76) Chrysene-d12	13.974	240	148816	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	139134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	298545	69.062	ng	0.00
7) Phenol-d6	6.416	99	238426	41.599	ng	-0.02
23) Nitrobenzene-d5	7.357	82	626116	100.914	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	236798	141.399	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1083371	100.411	ng	0.00
79) Terphenyl-d14	12.921	244	1095102	105.471	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	87331	21.063	ng	# 76
25) Isophorone	7.357	82	621253	53.599	ng	# 69
50) Dimethylphthalate	9.833	163	31102	2.739	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	19094	7.996	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	19094	5.981	ng	# 13
67) 4-Bromophenyl-phenylether	10.633	248	16854	4.714	ng	# 1
74) Di-n-butylphthalate	11.892	149	206451	11.677	ng	100
77) Benzidine	12.921	184	17431	3.526	ng	# 92
85) Di-n-octyl phthalate	14.598	149	41032	4.040	ng	# 37

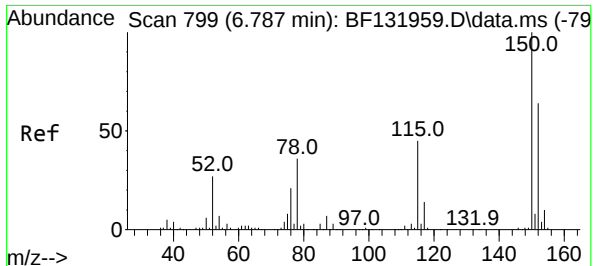
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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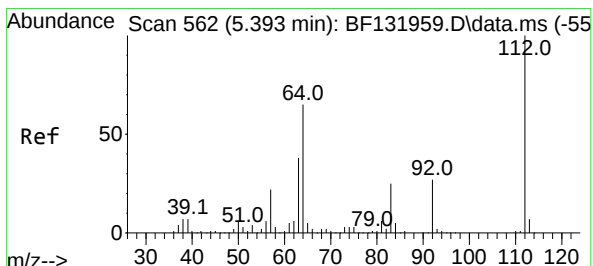
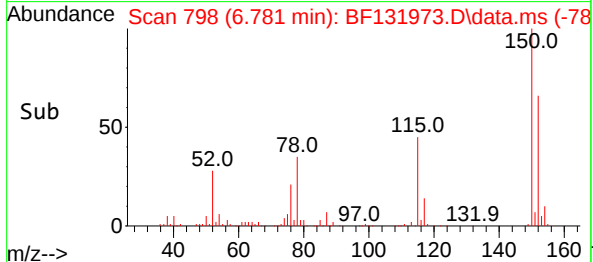
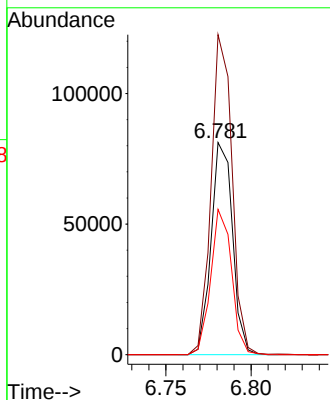
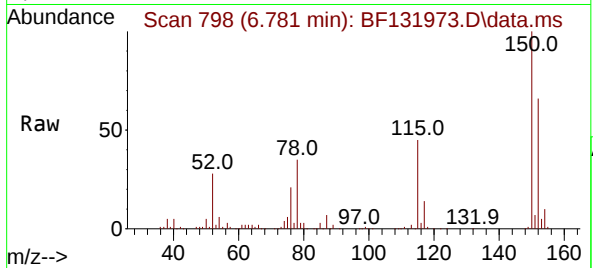




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

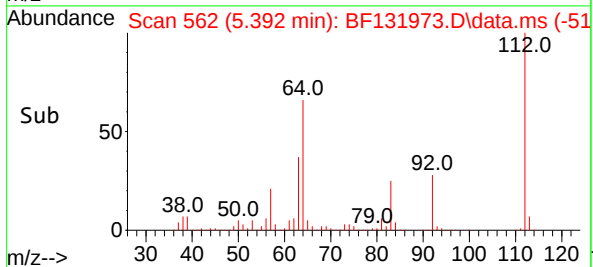
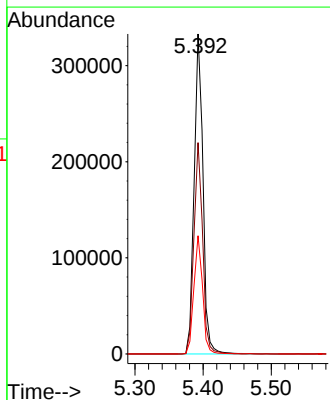
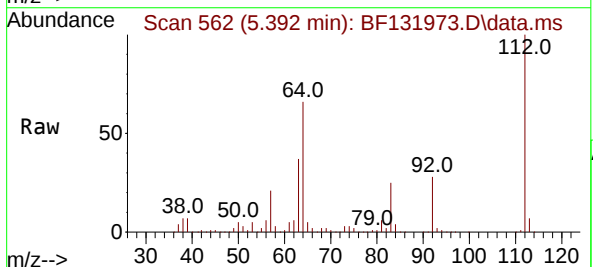
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BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

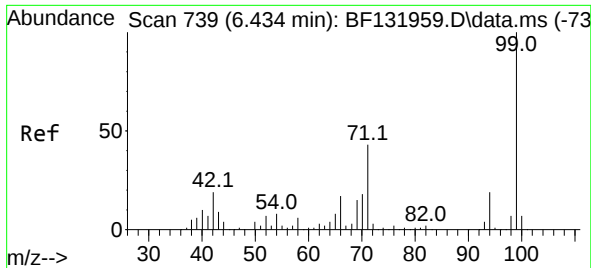
Tgt Ion:152 Resp: 71231
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 68.5 55.6 83.4



#5
2-Fluorophenol
Concen: 69.062 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:112 Resp: 298545
Ion Ratio Lower Upper
112 100
64 66.0 51.9 77.9
63 37.0 30.2 45.2

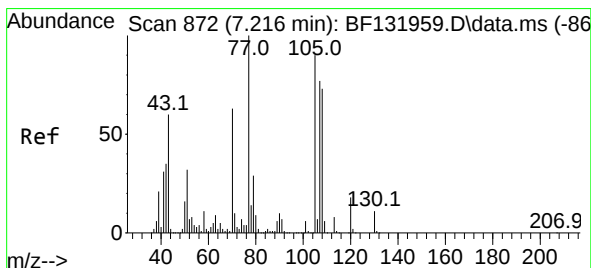
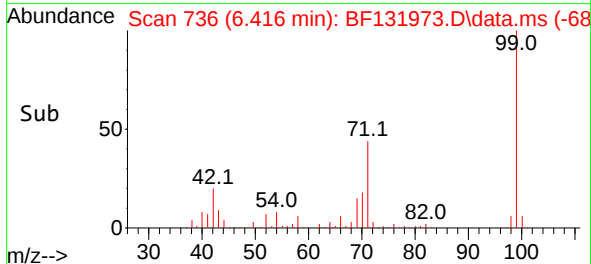
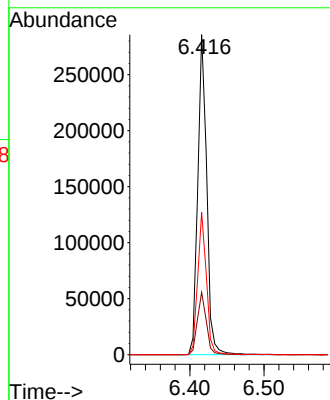
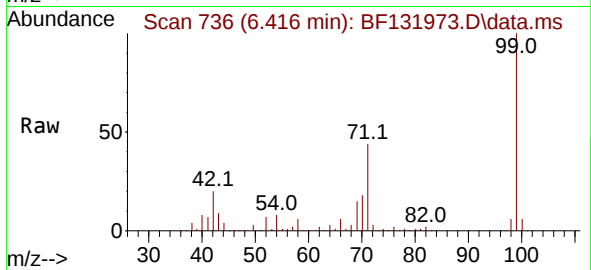




#7
Phenol-d6
Concen: 41.599 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

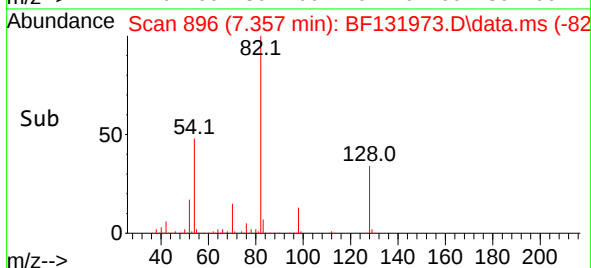
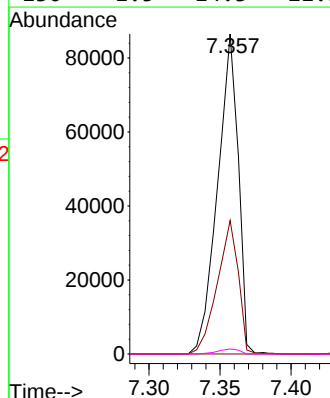
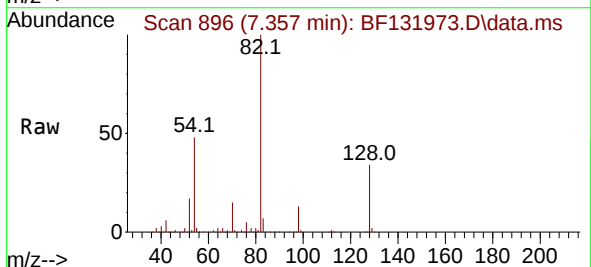
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

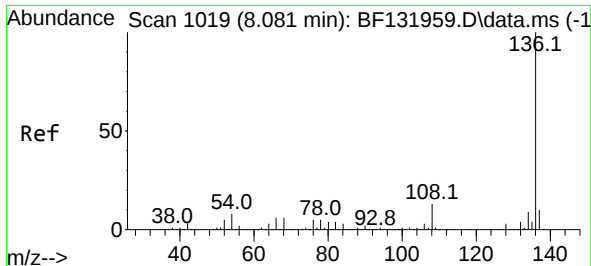
Tgt Ion: 99 Resp: 238426
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.2
71 44.5 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.063 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion: 70 Resp: 87331
Ion Ratio Lower Upper
70 100
42 41.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#

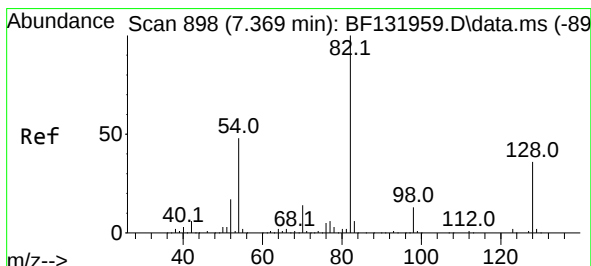
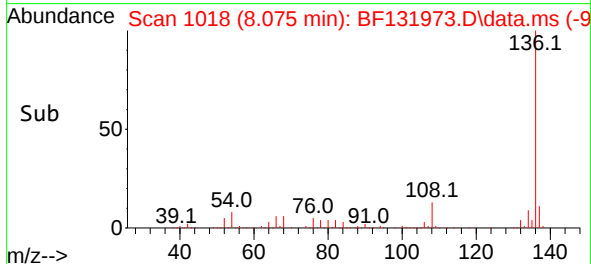
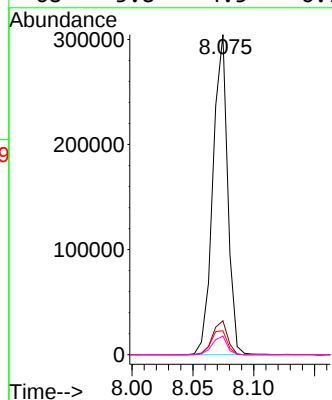
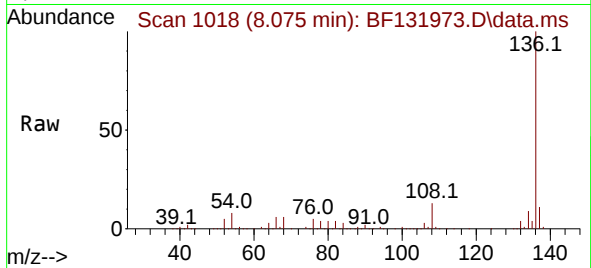




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

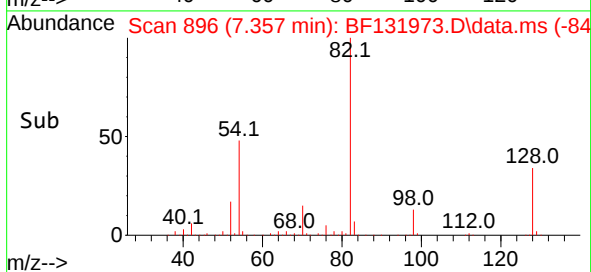
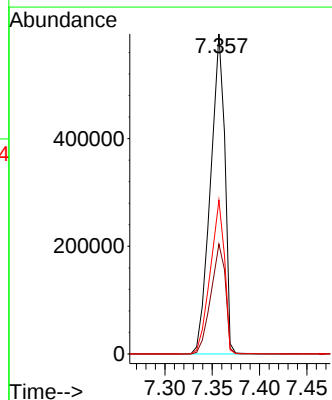
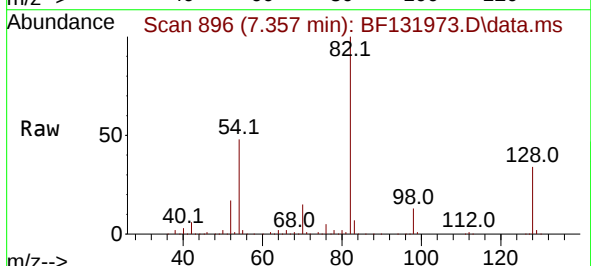
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

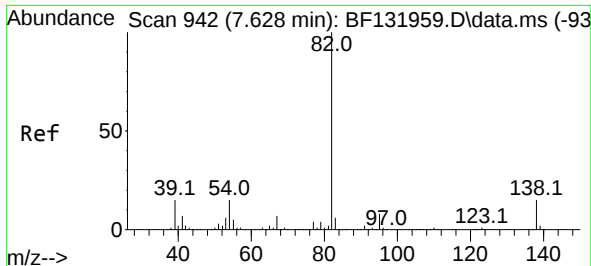
Tgt Ion:	136	Resp:	257505
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.5	6.6	9.8
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 100.914 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:	82	Resp:	626116
Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.7	43.1
54	48.1	38.1	57.1

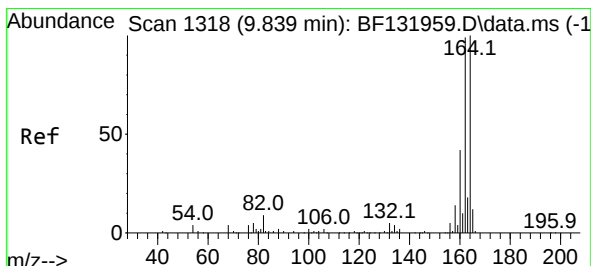
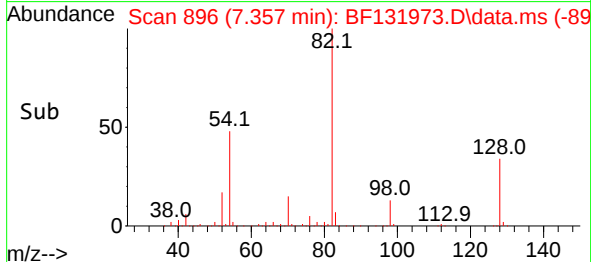
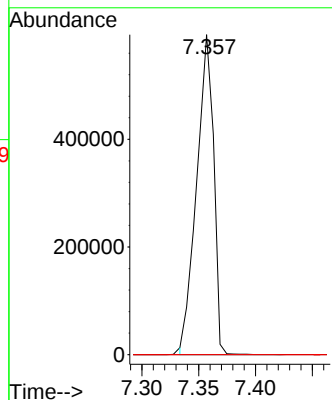
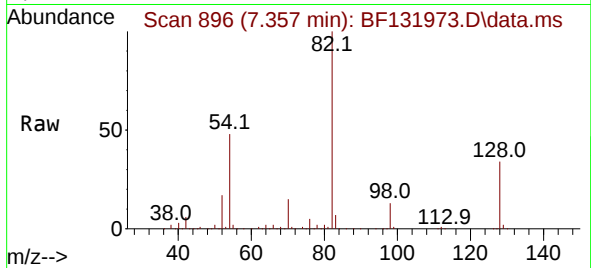




#25
Isophorone
Concen: 53.599 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

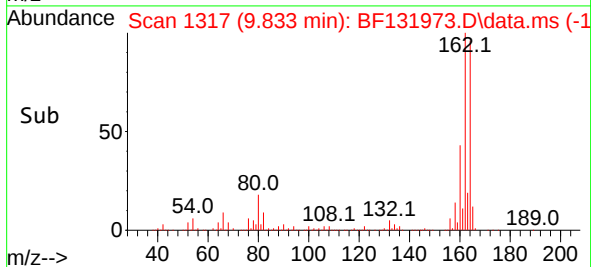
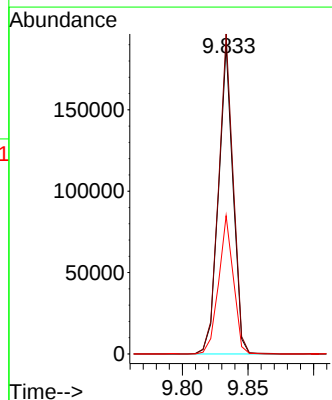
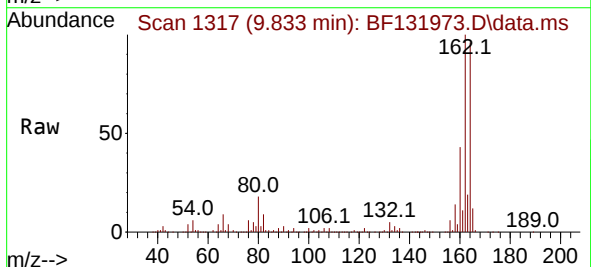
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

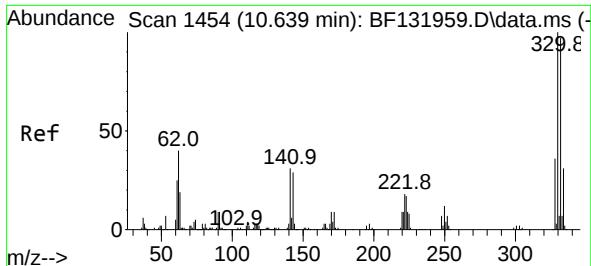
Tgt Ion: 82 Resp: 621253
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:164 Resp: 145652
Ion Ratio Lower Upper
164 100
162 103.7 79.4 119.0
160 44.8 33.9 50.9

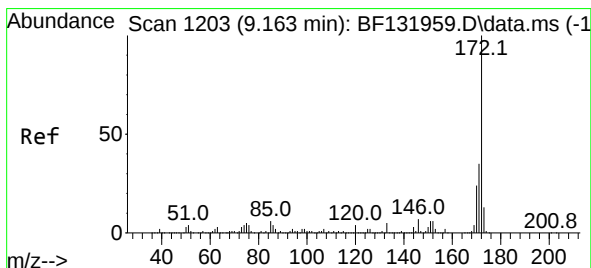
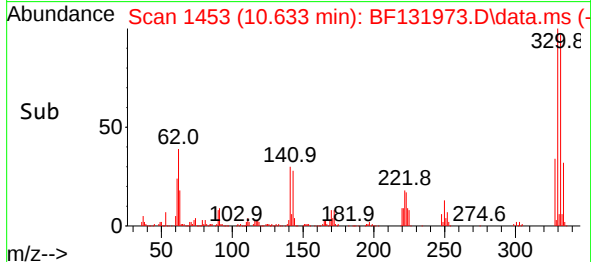
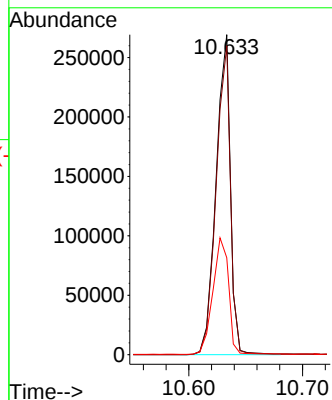
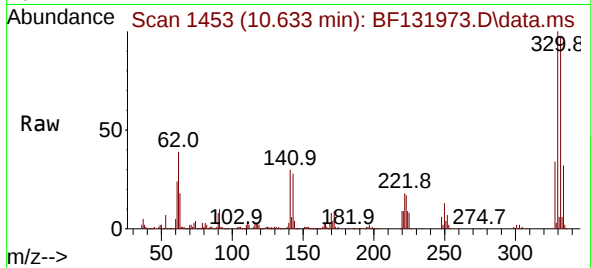




#42
2,4,6-Tribromophenol
Concen: 141.399 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

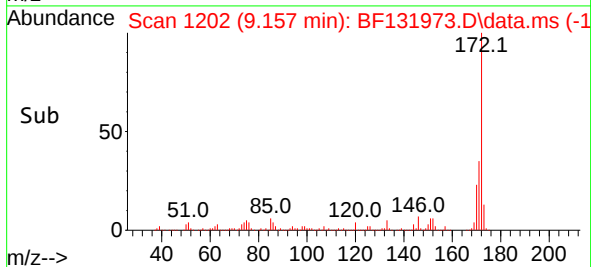
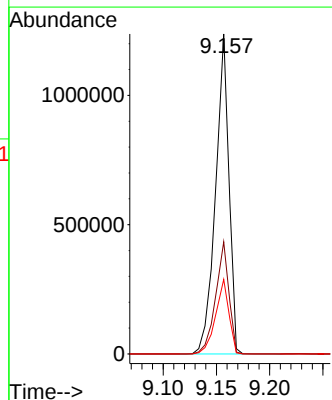
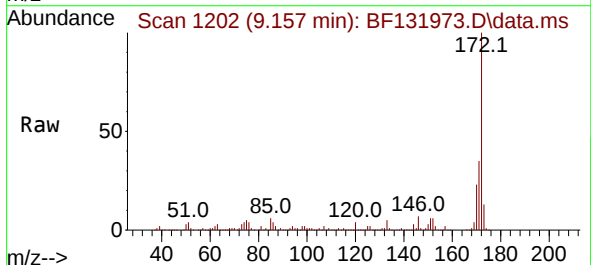
Instrument : BNA_F
ClientSampleId : COMP-SAMPLE-TANK-11-12-31-32-33

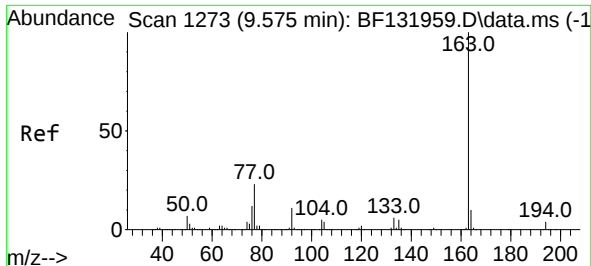
Tgt Ion:330 Resp: 236798
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 39.8 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 100.411 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:172 Resp: 1083371
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.3 18.9 28.3

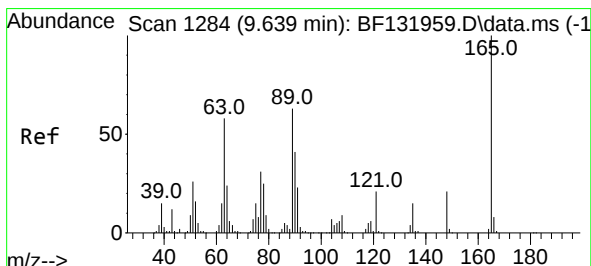
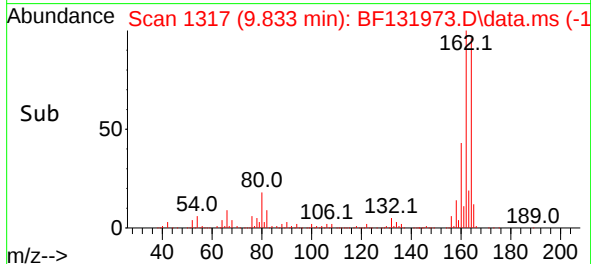
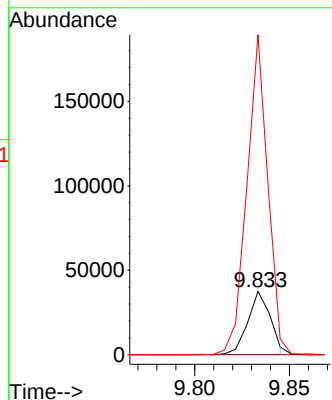
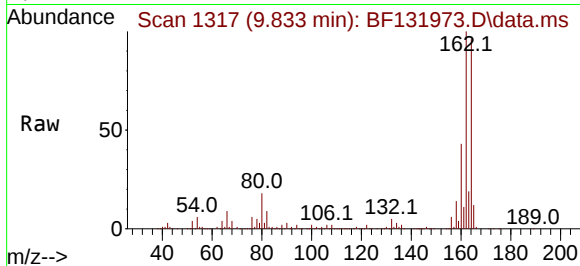




#50
Dimethylphthalate
Concen: 2.739 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

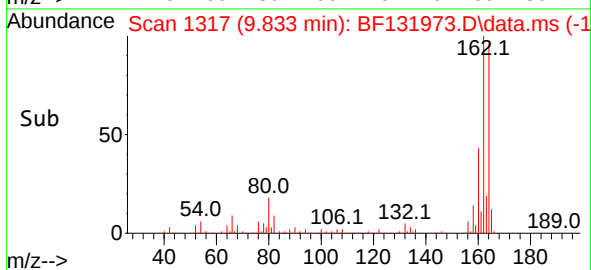
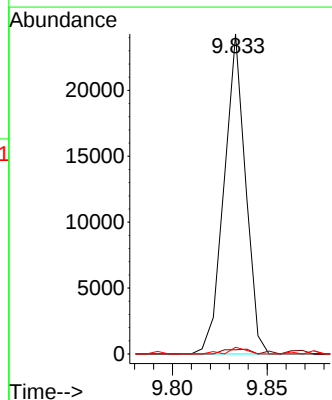
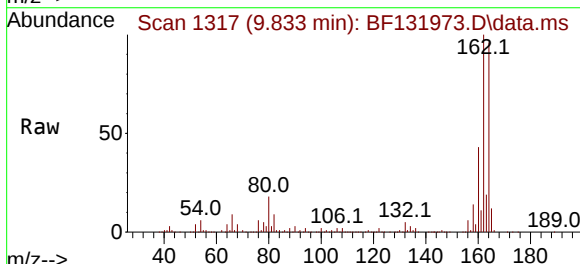
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COMP-SAMPLE-TANK-11-12-31-32-33

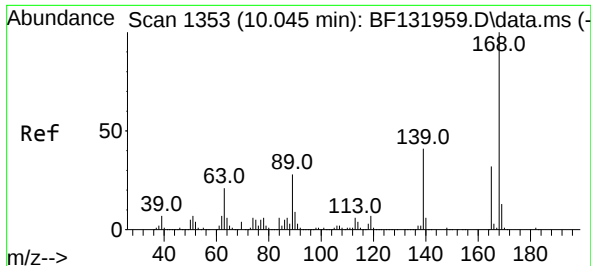
Tgt Ion:163 Resp: 31102
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

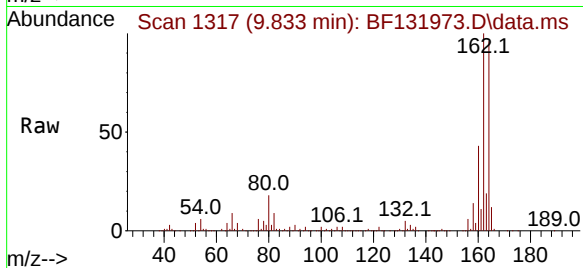
Tgt Ion:165 Resp: 19094
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 2.1 50.2 75.2#



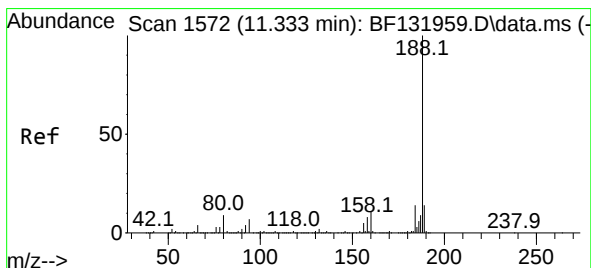
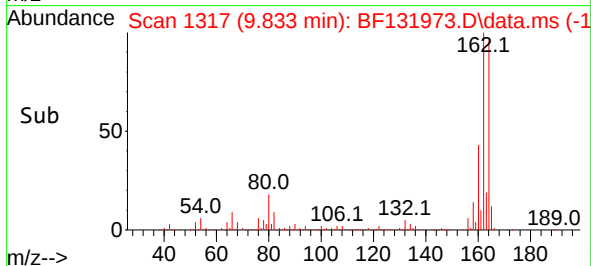
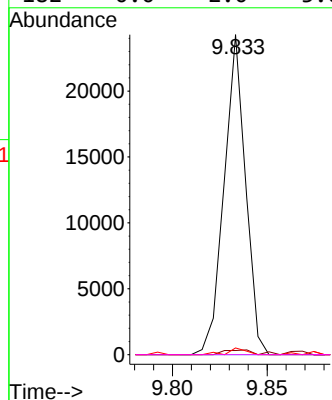


#57
2,4-Dinitrotoluene
Concen: 5.981 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

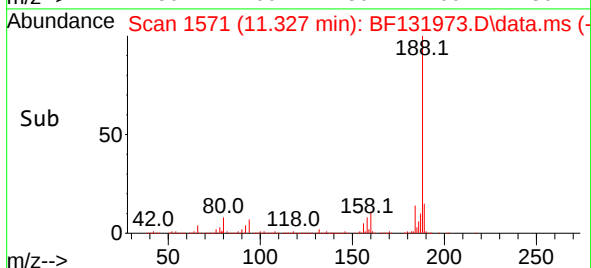
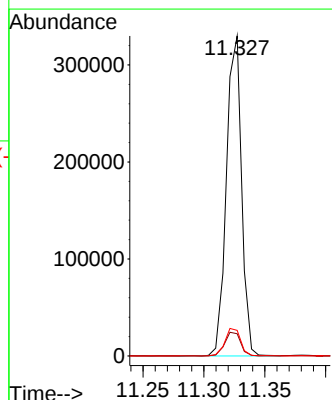
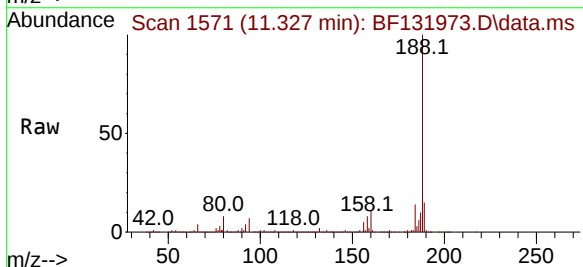


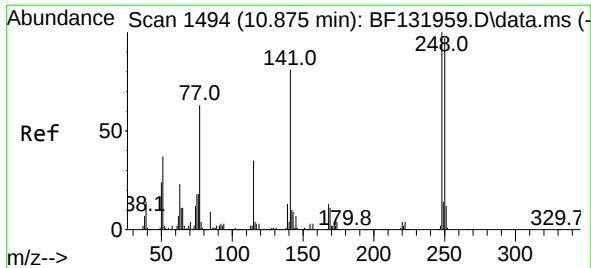
Tgt Ion:165 Resp: 19094
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 2.1 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:188 Resp: 285796
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 8.0 7.4 11.0

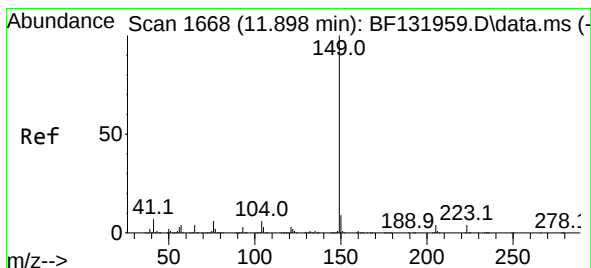
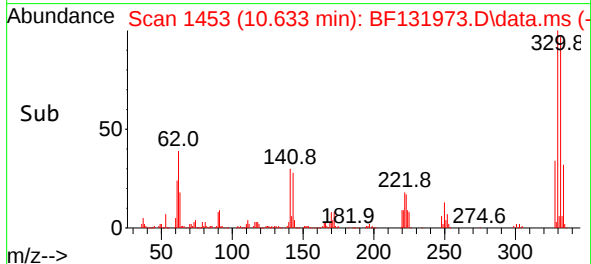
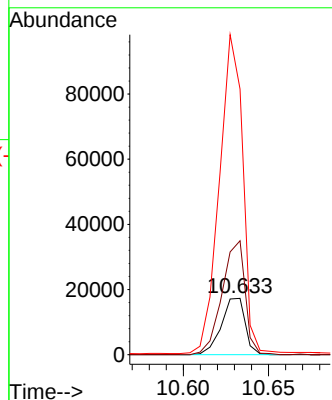
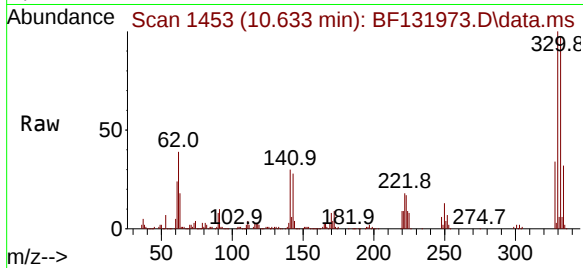




#67
4-Bromophenyl-phenylether
Concen: 4.714 ng
RT: 10.633 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

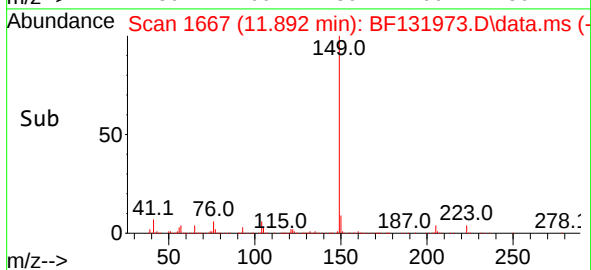
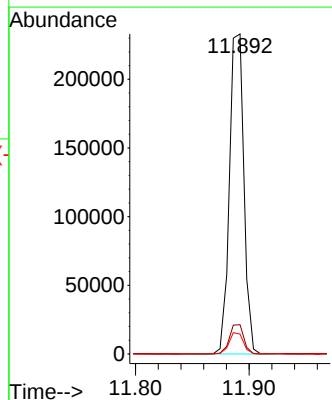
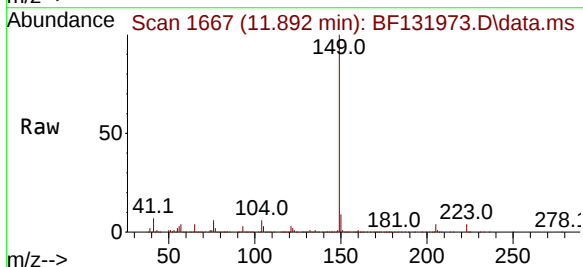
Instrument : BNA_F
ClientSampleId : COMP-SAMPLE-TANK-11-12-31-32-33

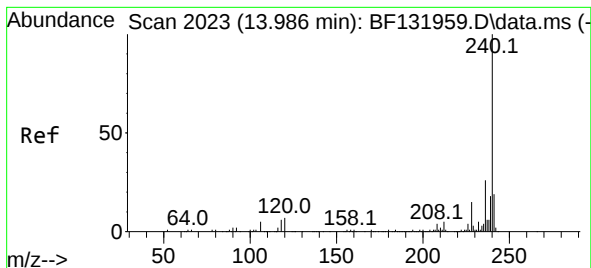
Tgt Ion:248 Resp: 16854
Ion Ratio Lower Upper
248 100
250 202.0 77.4 116.2#
141 471.2 65.0 97.6#



#74
Di-n-butylphthalate
Concen: 11.677 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:149 Resp: 206451
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 6.2 5.0 7.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33

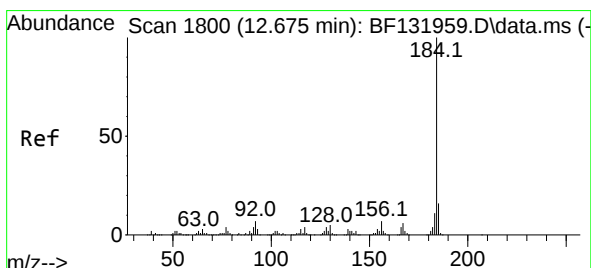
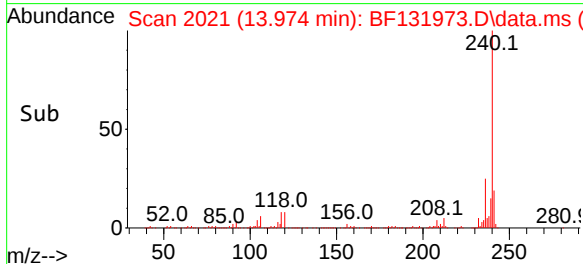
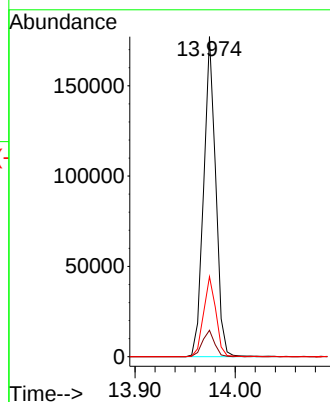
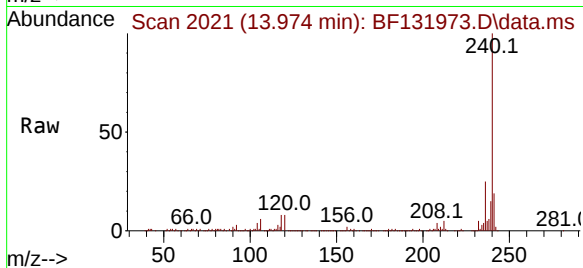
Tgt Ion:240 Resp: 148816

Ion Ratio Lower Upper

240 100

120 8.2 5.4 8.0#

236 25.0 21.1 31.7



#77

Benzidine

Concen: 3.526 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.246 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

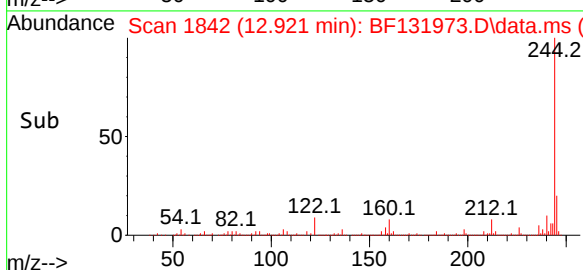
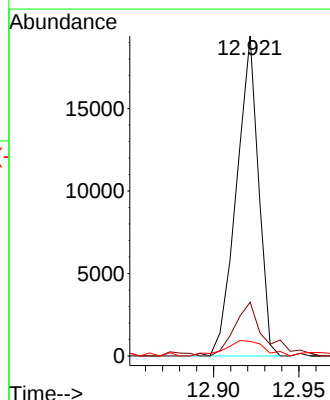
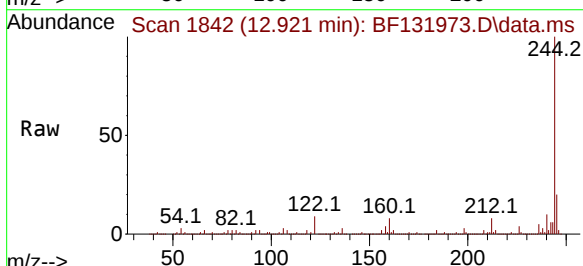
Tgt Ion:184 Resp: 17431

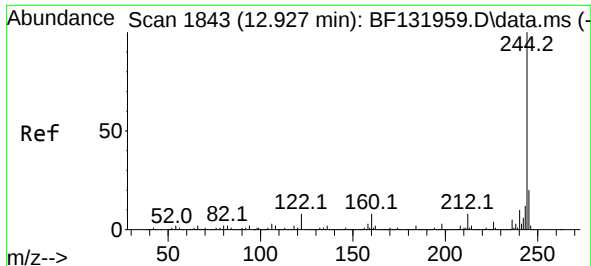
Ion Ratio Lower Upper

184 100

185 16.8 12.8 19.2

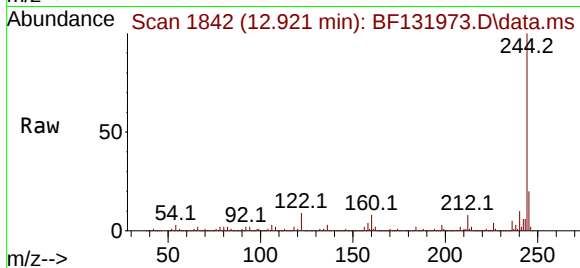
183 4.6 9.0 13.4#



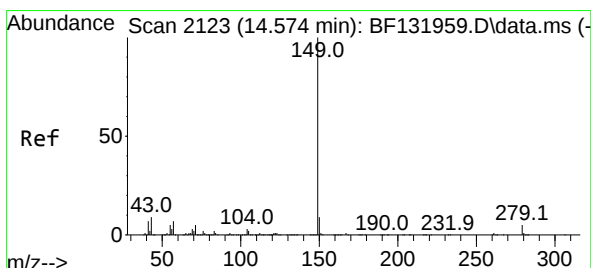
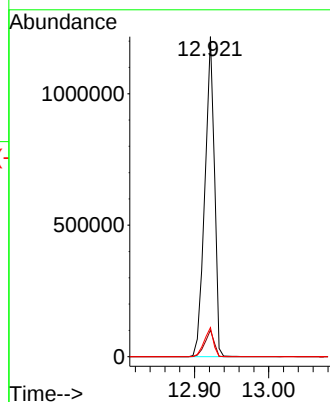
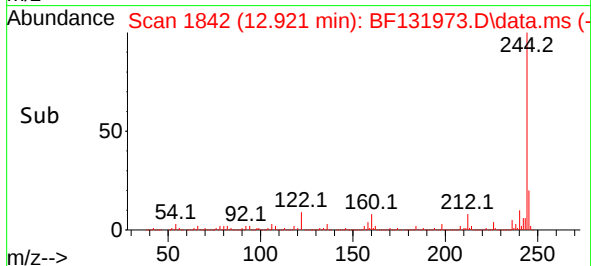


#79
 Terphenyl-d14
 Concen: 105.471 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

Instrument : BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

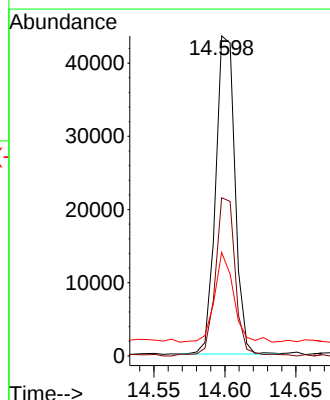
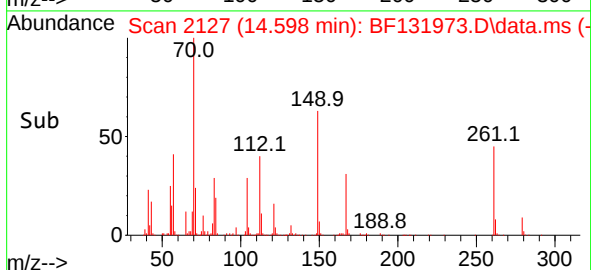
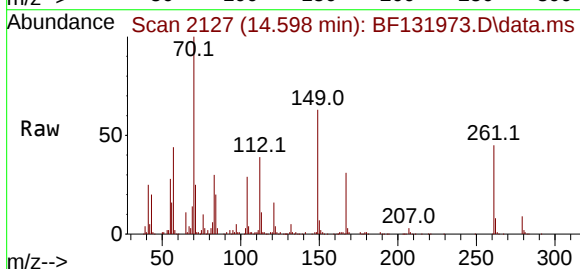


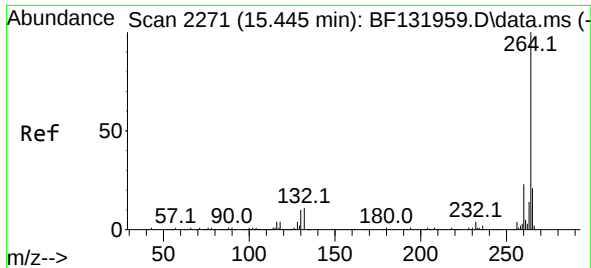
Tgt Ion:244 Resp: 1095102
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.1 6.8 10.2



#85
 Di-n-octyl phthalate
 Concen: 4.040 ng
 RT: 14.598 min Scan# 2127
 Delta R.T. 0.023 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

Tgt Ion:149 Resp: 41032
 Ion Ratio Lower Upper
 149 100
 167 51.5 1.3 1.9#
 43 28.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

Tgt Ion:264 Resp: 139134
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.8 16.9 25.3

