

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131976.D
 Acq On : 09 Jan 2023 22:08
 Operator : CG\JU
 Sample : 01044-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-10-34-35

Quant Time: Jan 10 03:15:08 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)

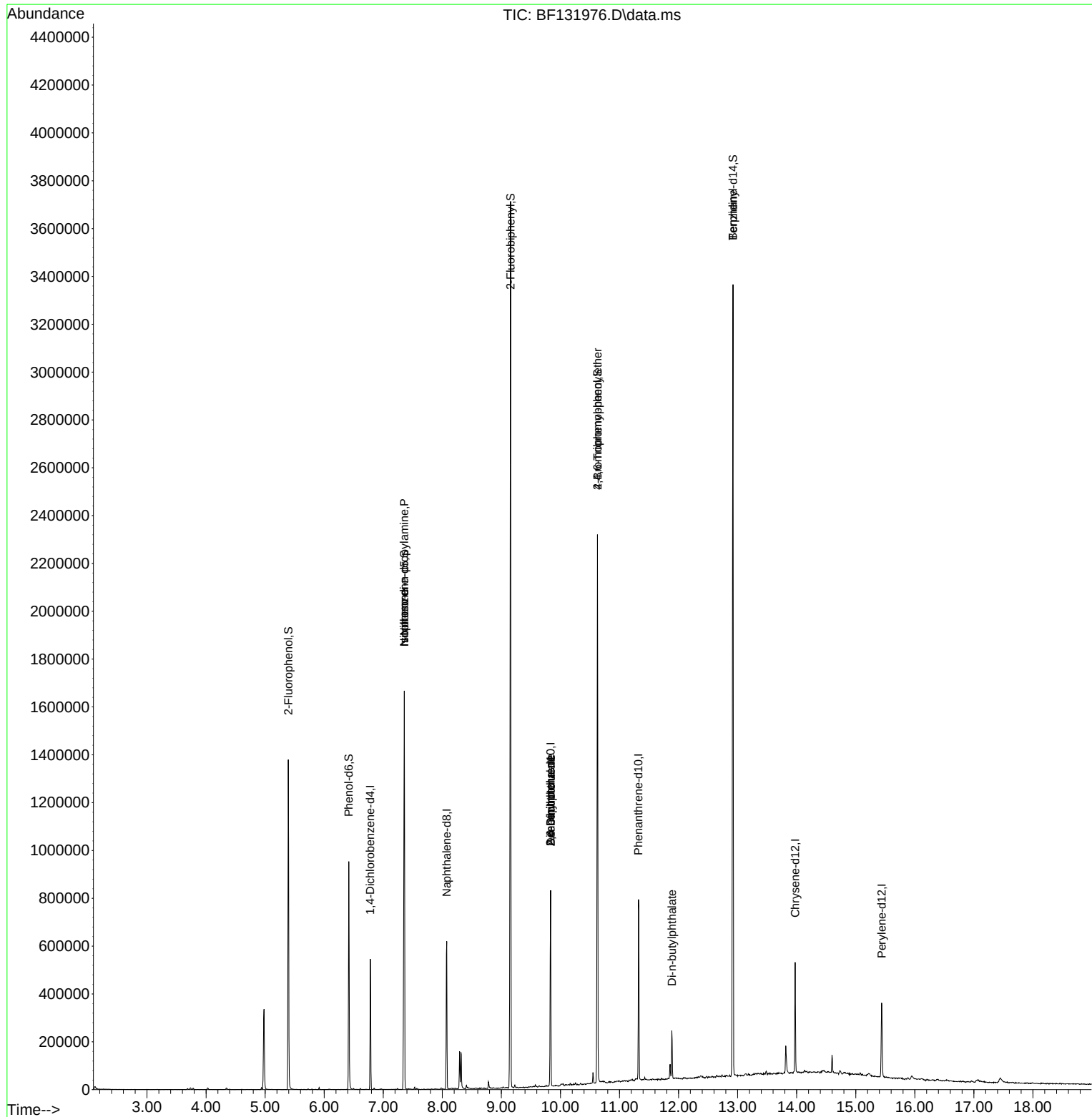
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69489	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	255529	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	144852	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	274385	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	136512	20.000	ng	-0.01
86) Perylene-d12	15.439	264	135791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	324108	76.855	ng	0.00
7) Phenol-d6	6.416	99	264431	47.292	ng	-0.02
23) Nitrobenzene-d5	7.357	82	603065	97.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	246682	148.114	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1065340	99.285	ng	0.00
79) Terphenyl-d14	12.921	244	1062409	111.545	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	84782	20.961	ng	# 77
25) Isophorone	7.357	82	597036	51.908	ng	# 69
50) Dimethylphthalate	9.833	163	30726	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	19087	8.037	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	19087	6.012	ng	# 13
67) 4-Bromophenyl-phenylether	10.627	248	17394	5.067	ng	# 1
74) Di-n-butylphthalate	11.886	149	87242	5.140	ng	98
77) Benzidine	12.921	184	17800	3.925	ng	# 94

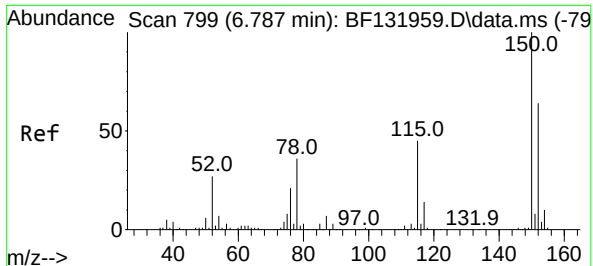
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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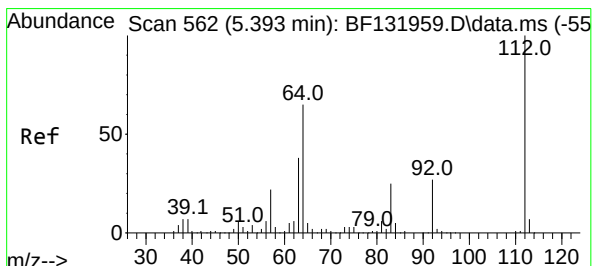
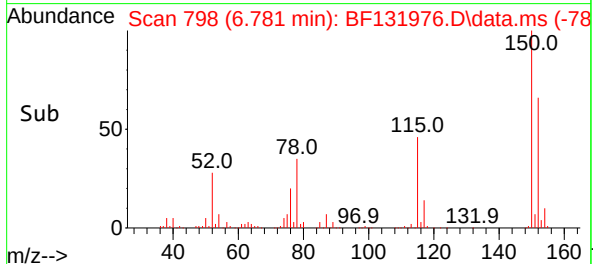
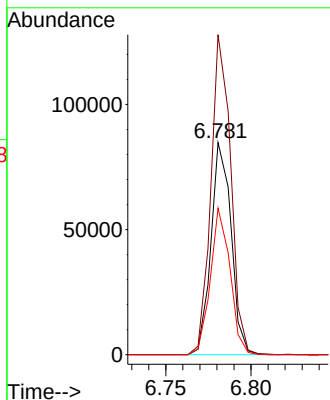
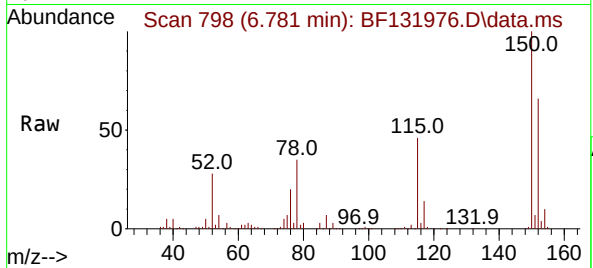




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

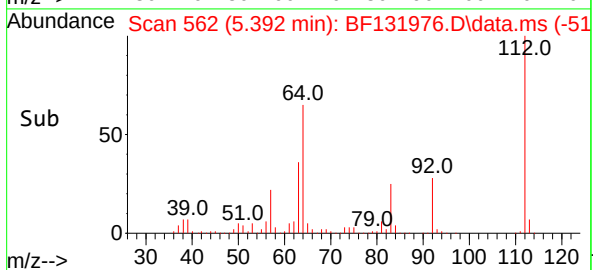
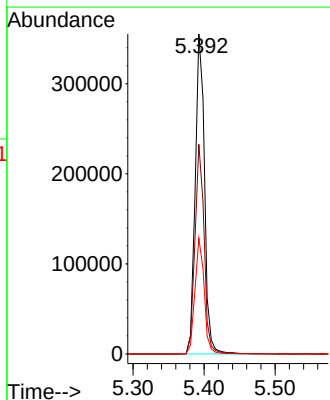
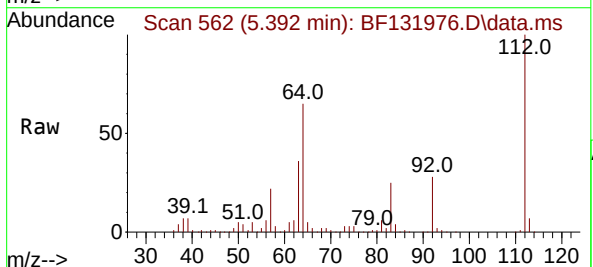
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

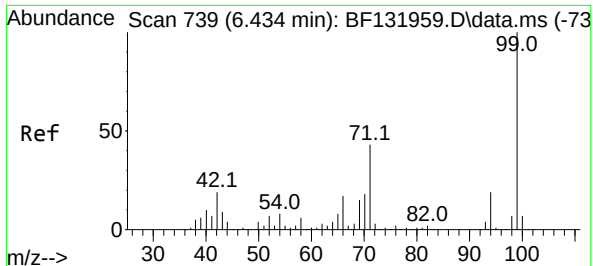
Tgt Ion:152 Resp: 69489
Ion Ratio Lower Upper
152 100
150 150.8 124.6 186.8
115 69.1 55.6 83.4



#5
2-Fluorophenol
Concen: 76.855 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion:112 Resp: 324108
Ion Ratio Lower Upper
112 100
64 65.5 51.9 77.9
63 36.2 30.2 45.2

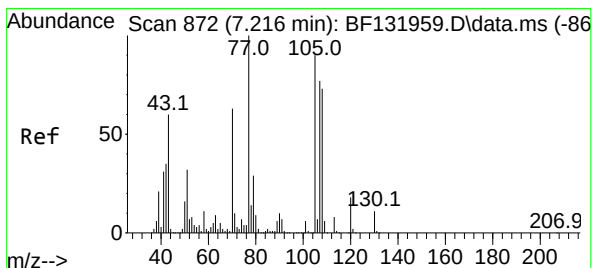
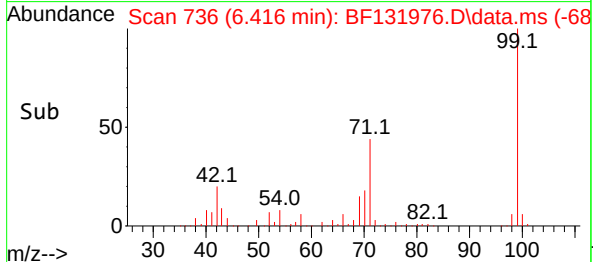
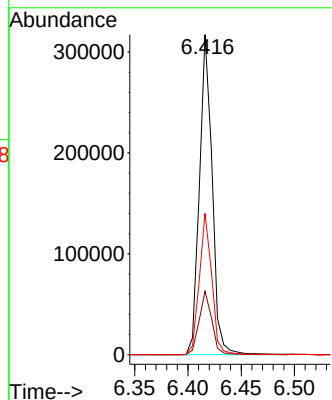
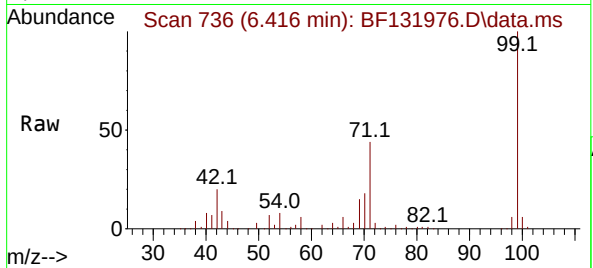




#7
Phenol-d6
Concen: 47.292 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

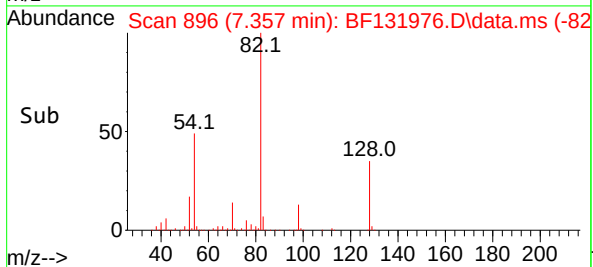
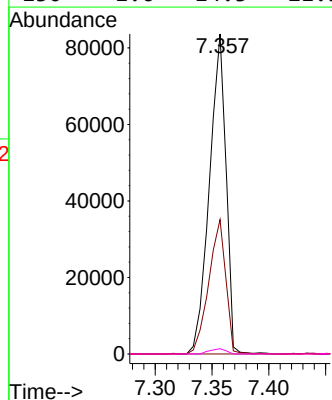
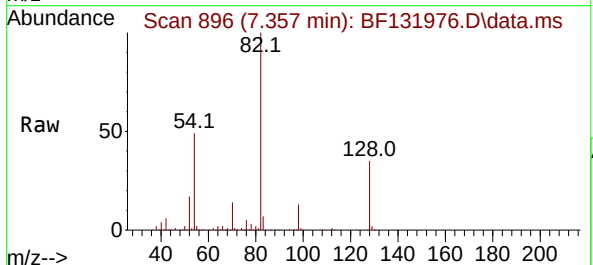
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

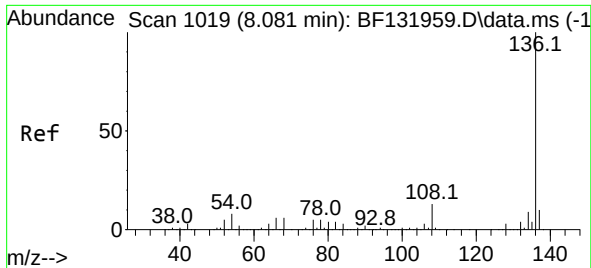
Tgt Ion: 99 Resp: 264431
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 44.2 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.961 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion: 70 Resp: 84782
Ion Ratio Lower Upper
70 100
42 42.0 44.3 66.5#
101 0.0 7.5 11.3#
130 1.6 14.3 21.5#

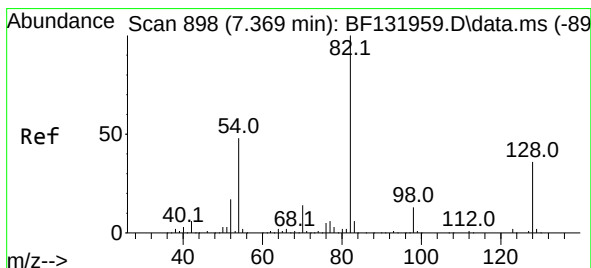
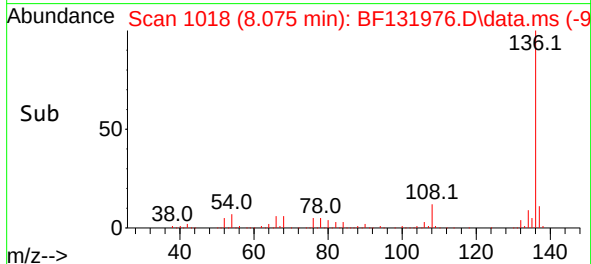
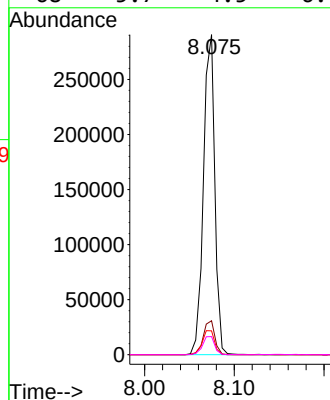
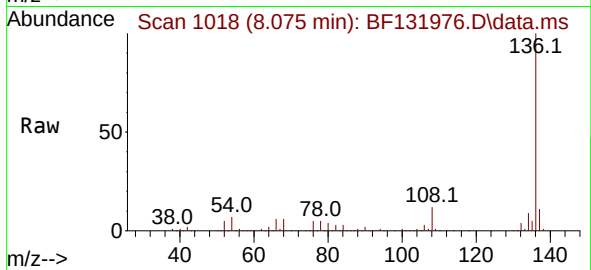




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

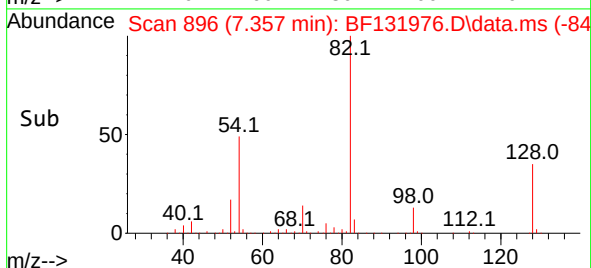
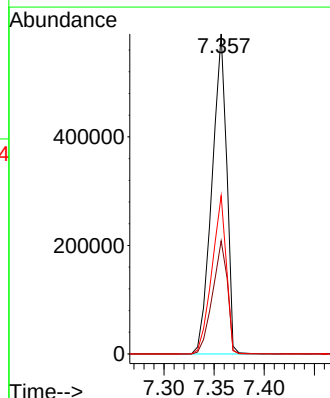
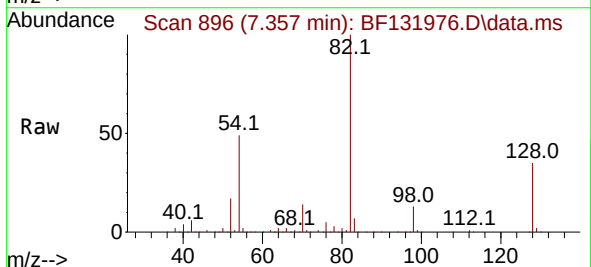
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

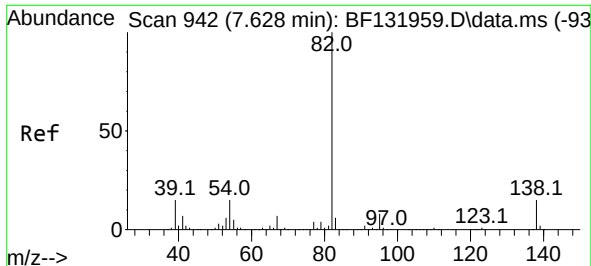
Tgt Ion:136	Resp: 255529
Ion Ratio	Lower Upper
136 100	
137 10.6	8.2 12.2
54 7.4	6.6 9.8
68 5.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 97.951 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion: 82	Resp: 603065
Ion Ratio	Lower Upper
82 100	
128 35.3	28.7 43.1
54 49.5	38.1 57.1

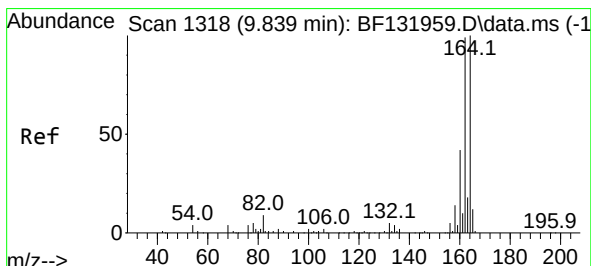
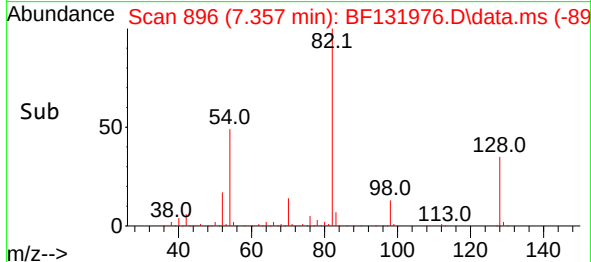
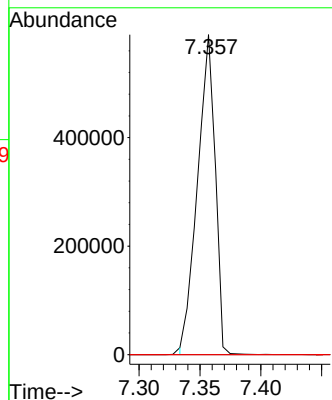
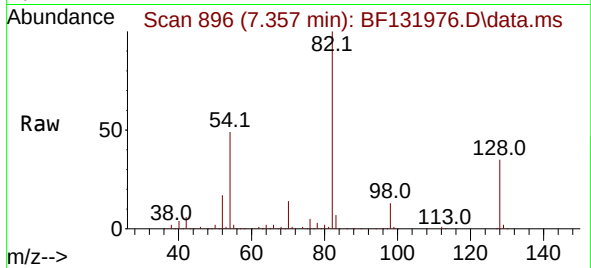




#25
Isophorone
Concen: 51.908 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

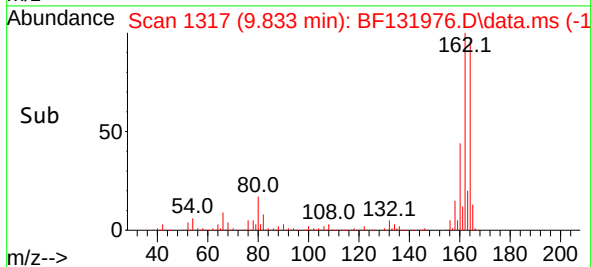
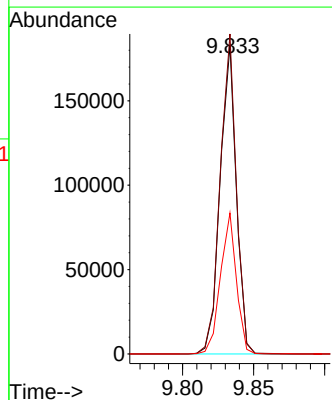
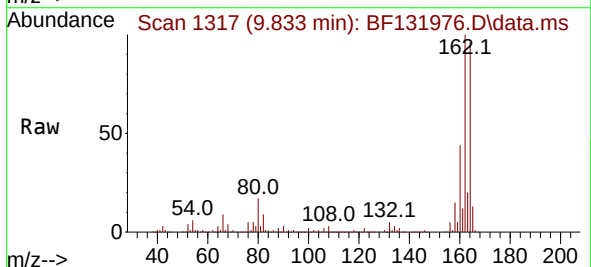
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

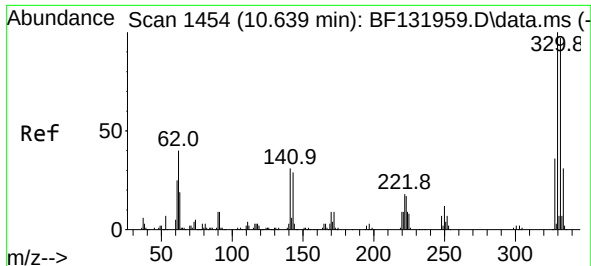
Tgt Ion: 82 Resp: 597036
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

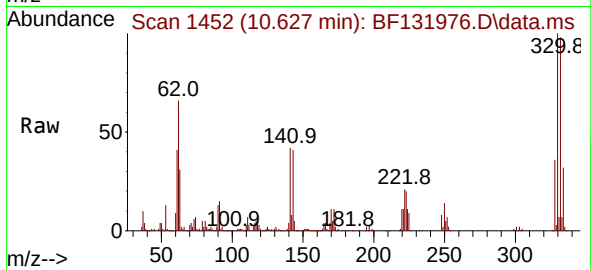
Tgt Ion:164 Resp: 144852
Ion Ratio Lower Upper
164 100
162 103.6 79.4 119.0
160 45.7 33.9 50.9



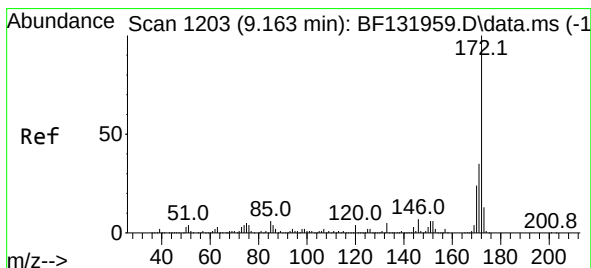
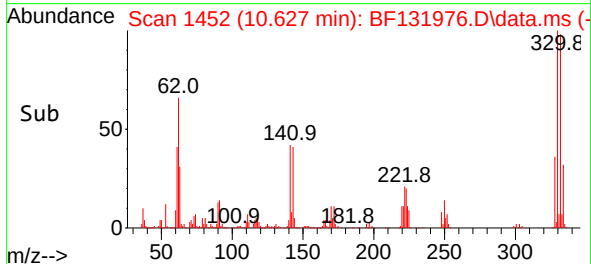
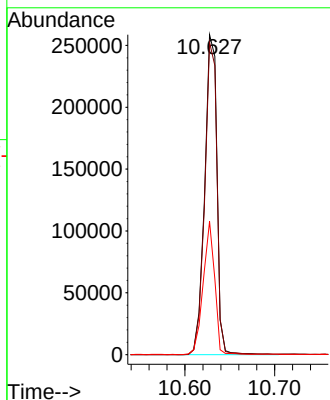


#42
2,4,6-Tribromophenol
Concen: 148.114 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

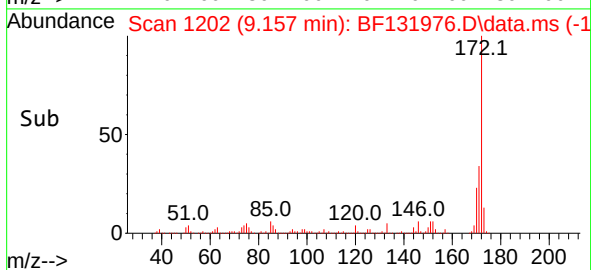
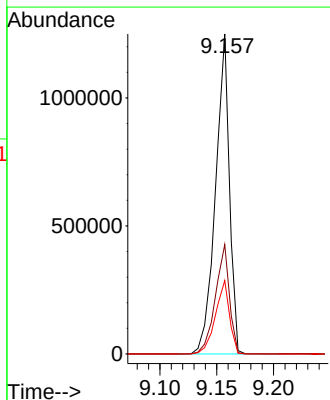
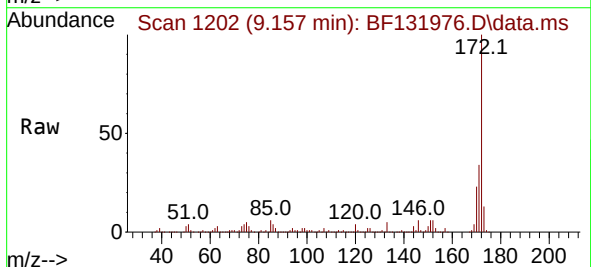


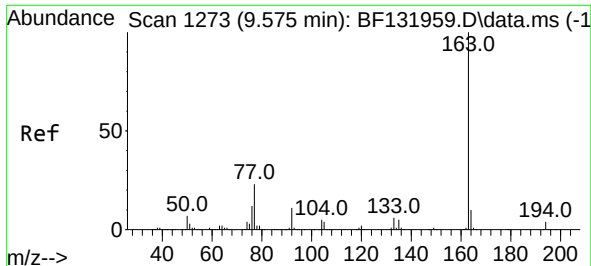
Tgt Ion: 330 Resp: 246682
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 39.0 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 99.285 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion: 172 Resp: 1065340
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.9 18.9 28.3

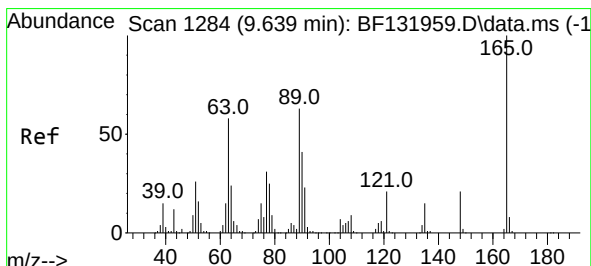
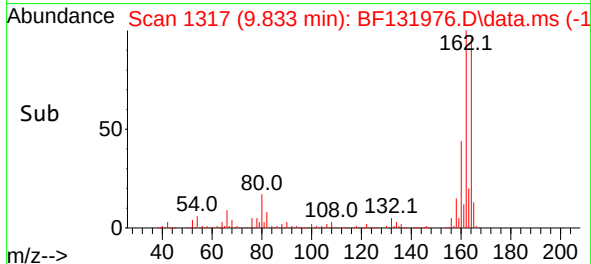
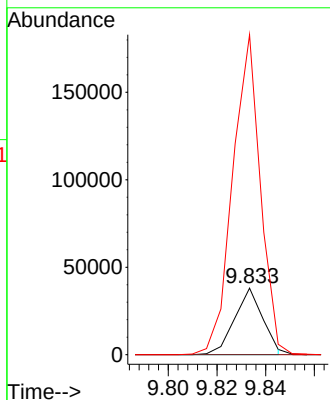
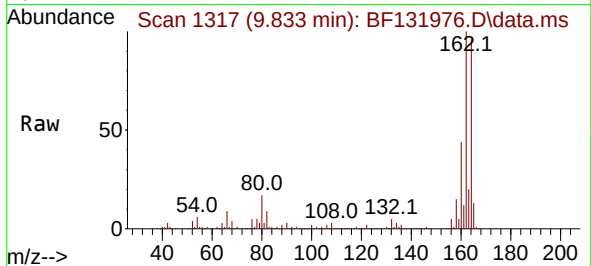




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

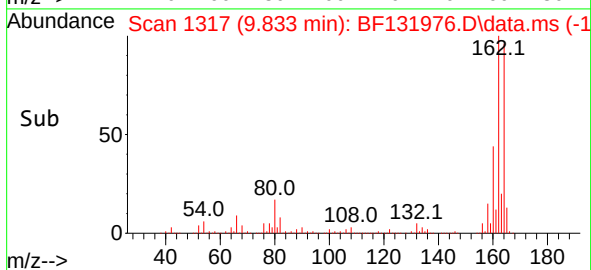
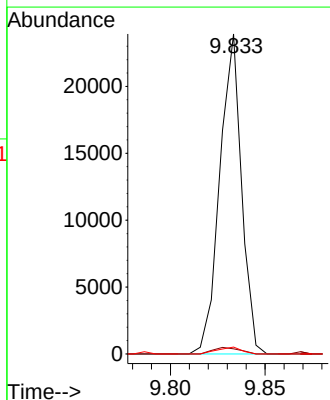
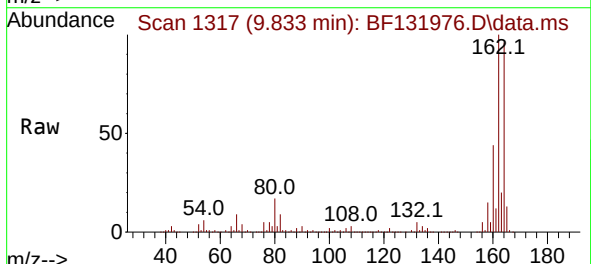
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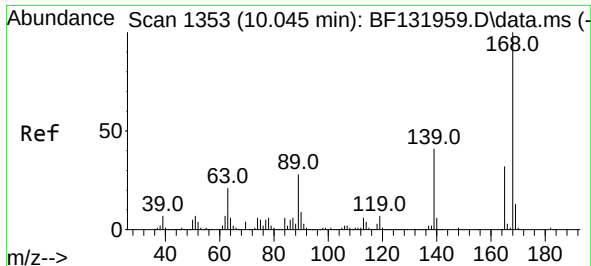
Tgt Ion:163 Resp: 30726
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 480.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.037 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion:165 Resp: 19087
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.0#
89 2.1 50.2 75.2#

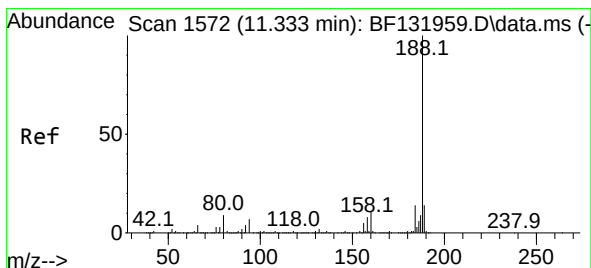
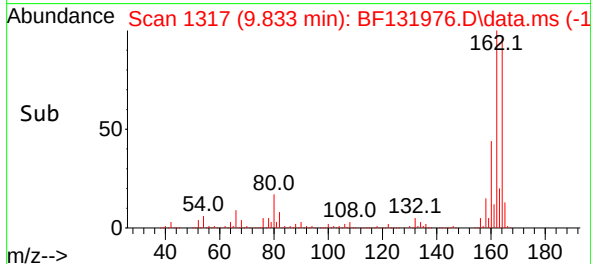
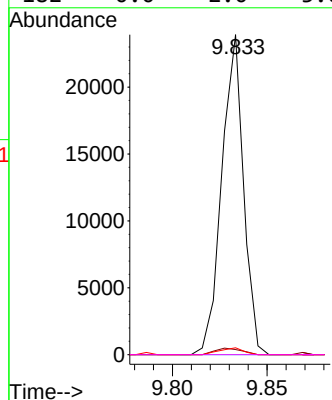
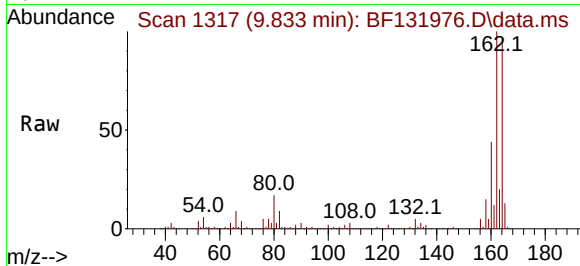




#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

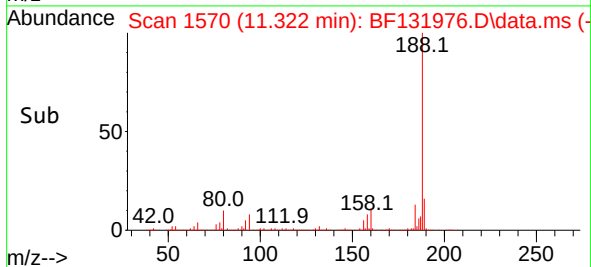
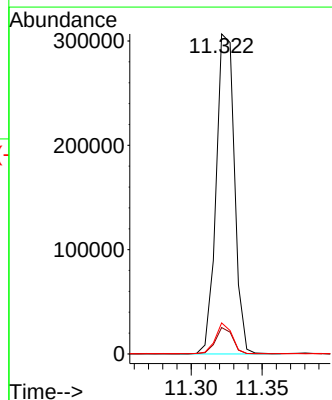
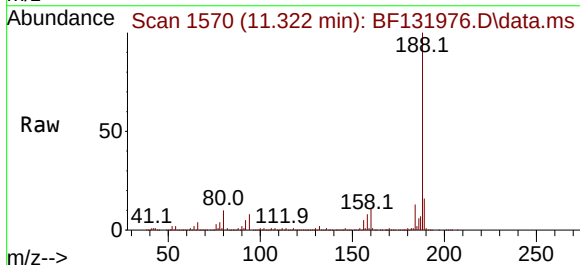
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

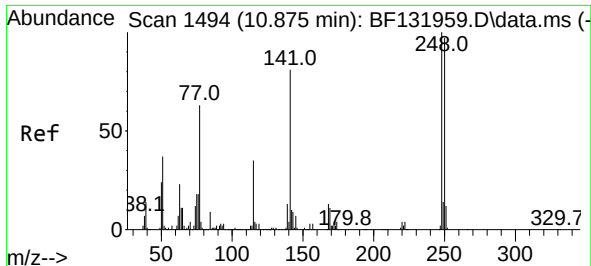
Tgt Ion:165 Resp: 19087
Ion Ratio Lower Upper
165 100
63 1.6 53.2 79.8#
89 2.1 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion:188 Resp: 274385
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.7 7.4 11.0

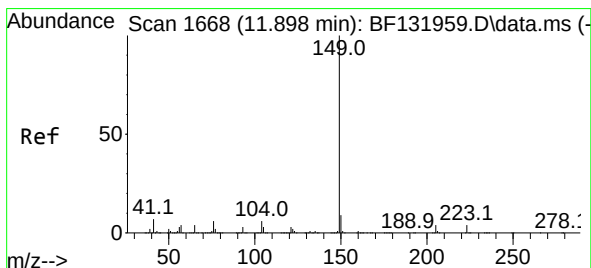
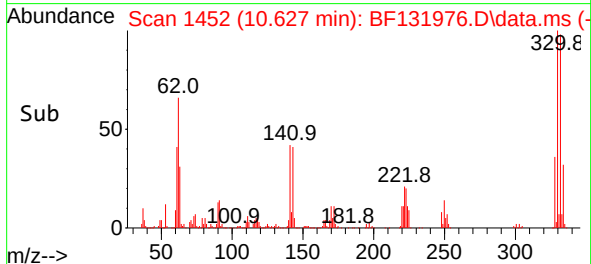
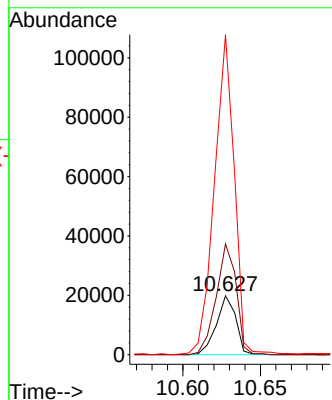
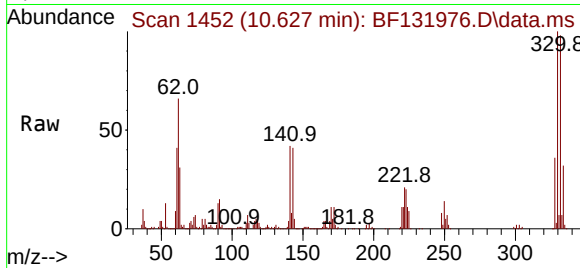




#67
4-Bromophenyl-phenylether
Concen: 5.067 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

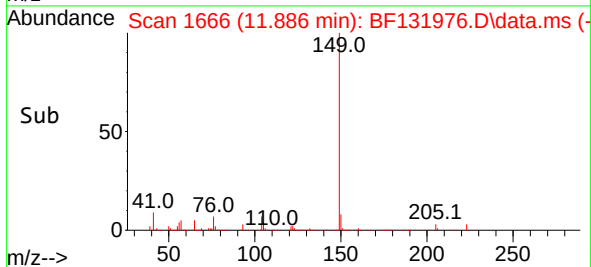
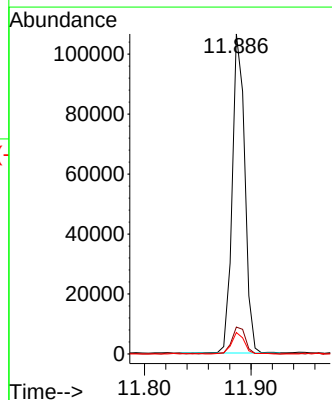
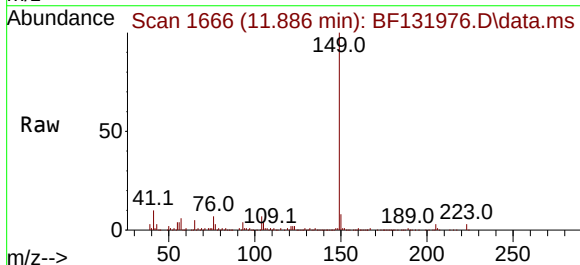
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-10-34-35

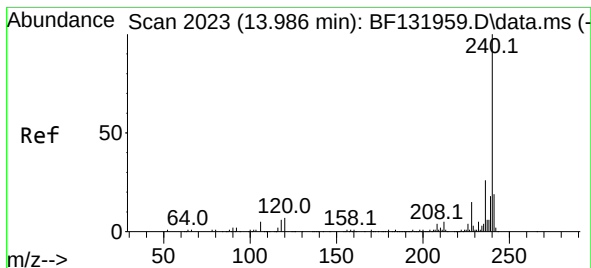
Tgt Ion:248 Resp: 17394
Ion Ratio Lower Upper
248 100
250 187.9 77.4 116.2#
141 542.9 65.0 97.6#



#74
Di-n-butylphthalate
Concen: 5.140 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF131976.D
Acq: 09 Jan 2023 22:08

Tgt Ion:149 Resp: 87242
Ion Ratio Lower Upper
149 100
150 8.4 7.3 10.9
104 6.7 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: BF131976.D

Acq: 09 Jan 2023 22:08

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-10-34-35

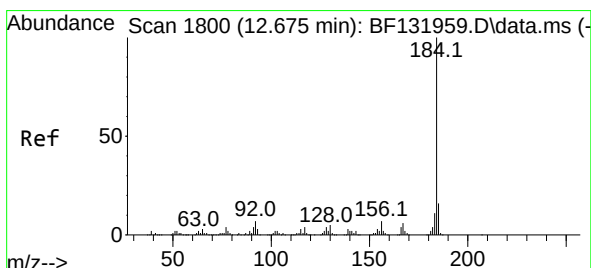
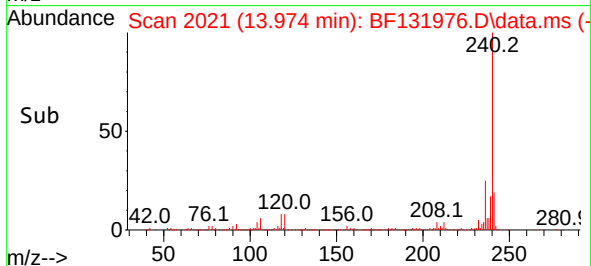
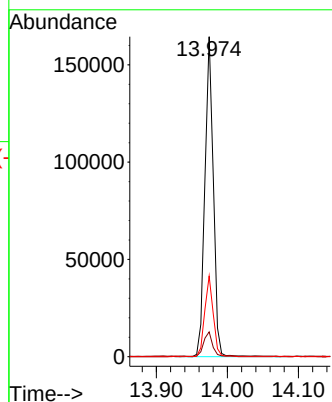
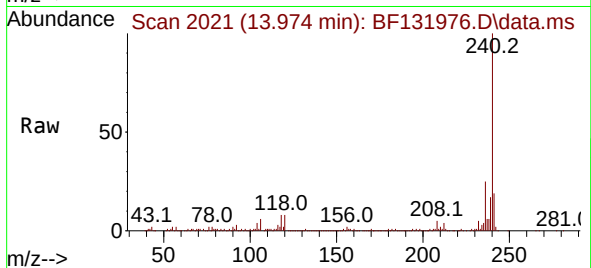
Tgt Ion:240 Resp: 136512

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.0

236 25.2 21.1 31.7



#77

Benzidine

Concen: 3.925 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.246 min

Lab File: BF131976.D

Acq: 09 Jan 2023 22:08

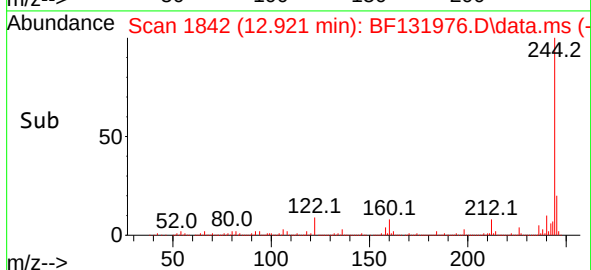
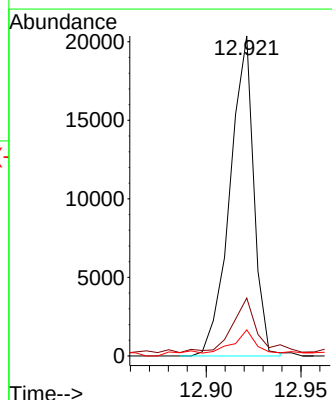
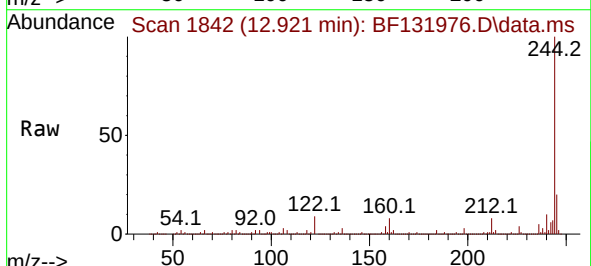
Tgt Ion:184 Resp: 17800

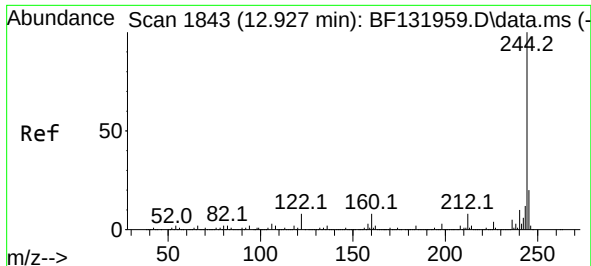
Ion Ratio Lower Upper

184 100

185 18.1 12.8 19.2

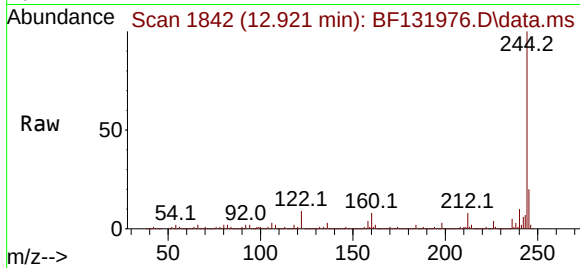
183 8.2 9.0 13.4#



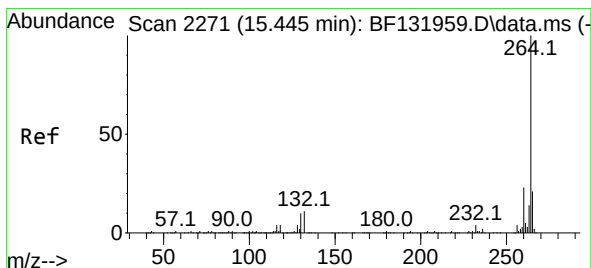
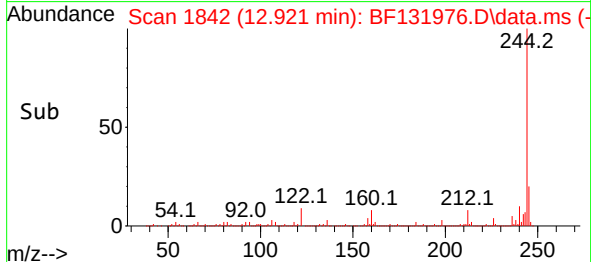
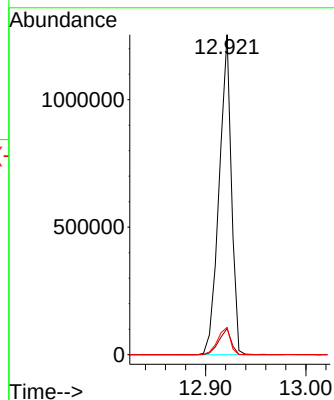


#79
 Terphenyl-d14
 Concen: 111.545 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131976.D
 Acq: 09 Jan 2023 22:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-10-34-35



Tgt Ion:244 Resp: 1062409
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131976.D
 Acq: 09 Jan 2023 22:08

Tgt Ion:264 Resp: 135791
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 23.0 16.9 25.3

