

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132220.D
 Acq On : 30 Jan 2023 20:14
 Operator : CG\JU
 Sample : 01329-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8-BORING-2-21-28

Quant Time: Jan 31 00:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

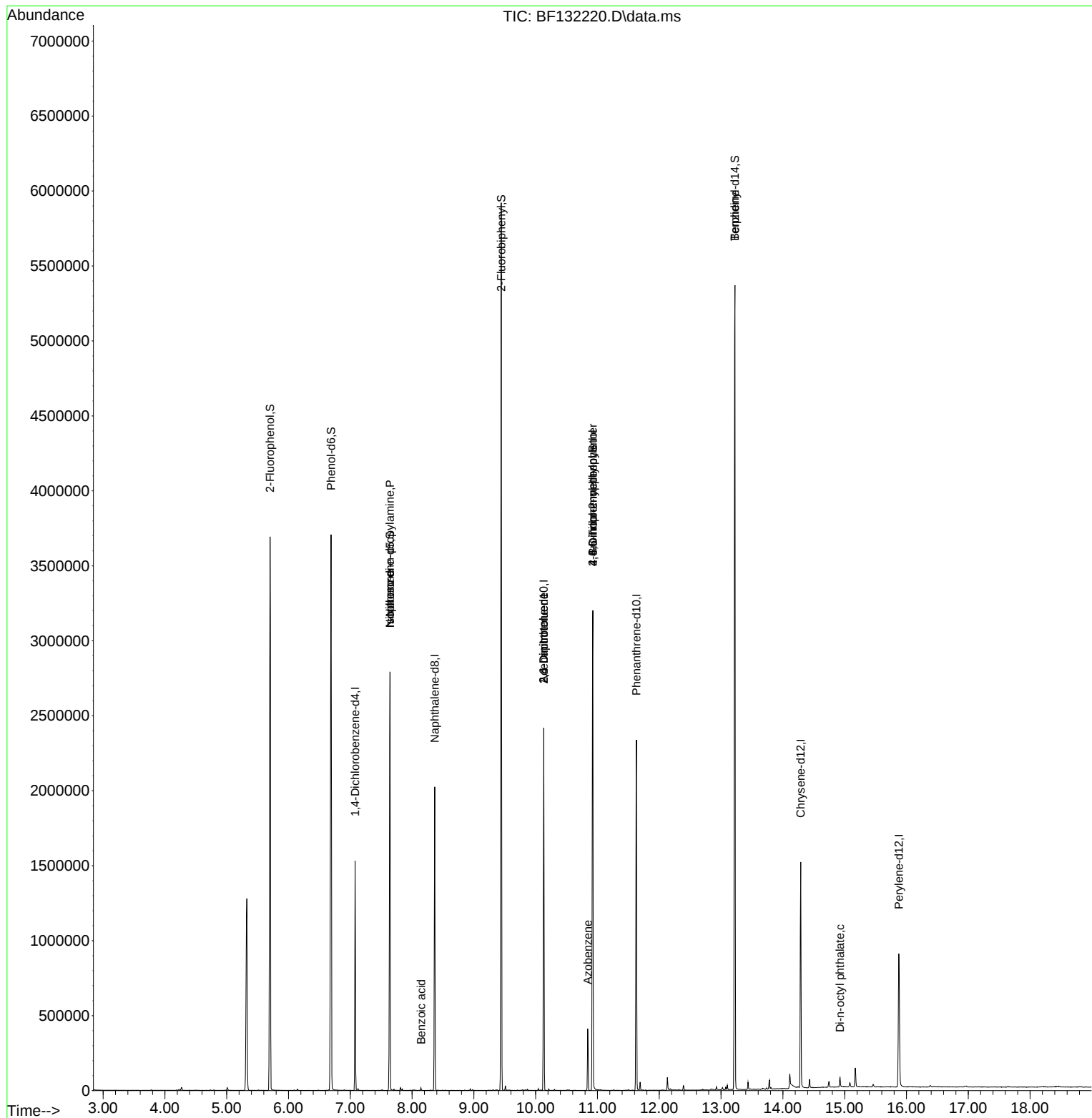
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	213859	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	791387	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	435823	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	858347	20.000	ng	0.00
76) Chrysene-d12	14.289	240	473090	20.000	ng	0.00
86) Perylene-d12	15.877	264	421932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1221678	95.046	ng	0.00
7) Phenol-d6	6.690	99	1539180	95.503	ng	0.00
23) Nitrobenzene-d5	7.642	82	937503	62.019	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	393996	97.629	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1652406	55.789	ng	0.00
79) Terphenyl-d14	13.224	244	1940156	64.432	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	117132	12.075	ng	# 76
25) Isophorone	7.642	82	937488	32.248	ng	# 67
32) Benzoic acid	8.148	122	59	7.304	ng	# 1
51) 2,6-Dinitrotoluene	10.131	165	55982	8.909	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	55982	7.237	ng	# 20
63) Azobenzene	10.842	77	63766	2.096	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.925	198	1062	5.534	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	27060	2.738	ng	# 1
77) Benzidine	13.224	184	27709	2.244	ng	# 96
85) Di-n-octyl phthalate	14.924	149	6034	5.445	ng	# 36

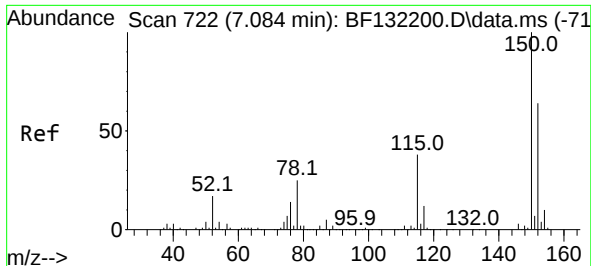
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
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Response via : Initial Calibration

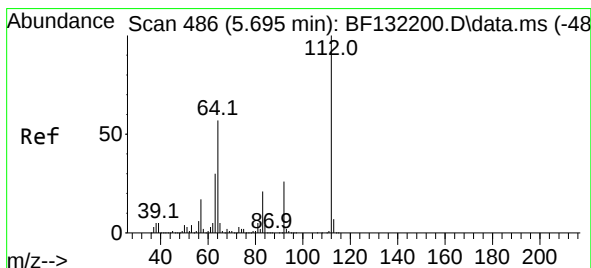
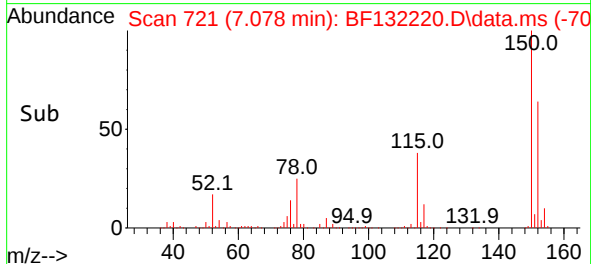
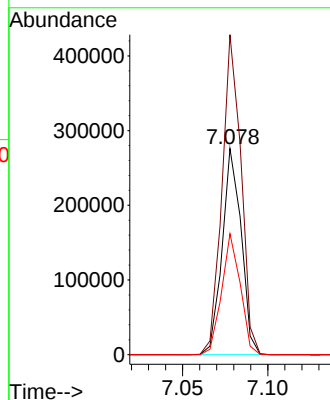
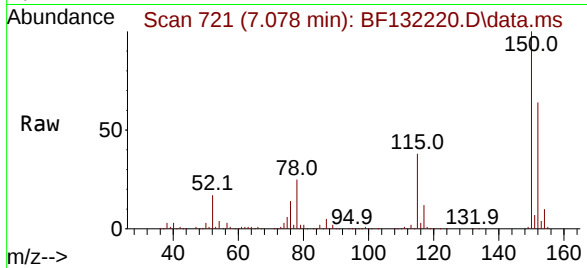




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

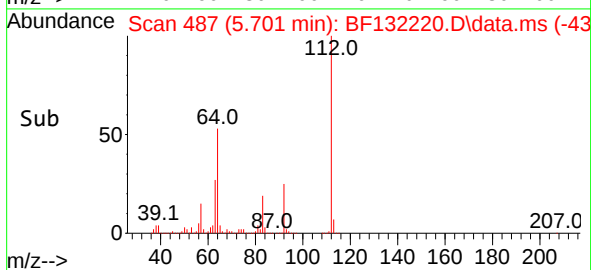
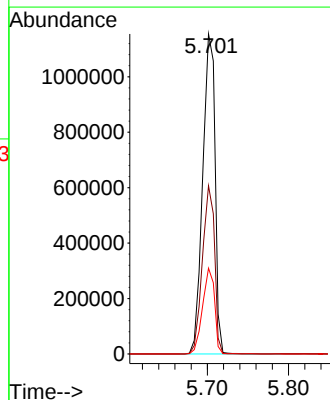
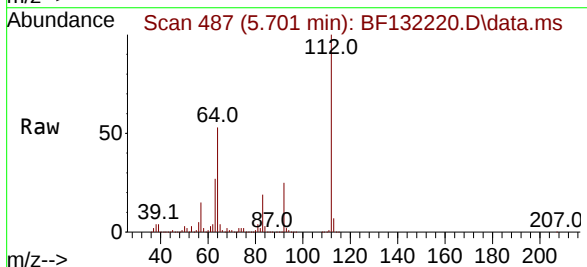
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

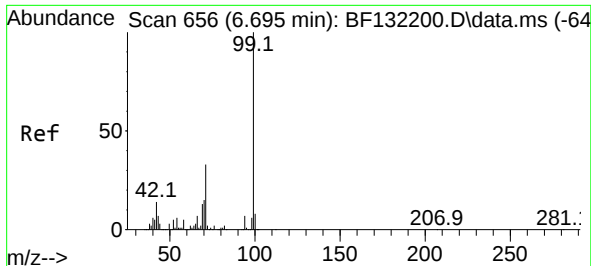
Tgt Ion:152 Resp: 213859
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 95.046 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:112 Resp: 1221678
Ion Ratio Lower Upper
112 100
64 52.5 45.5 68.3
63 26.8 23.7 35.5

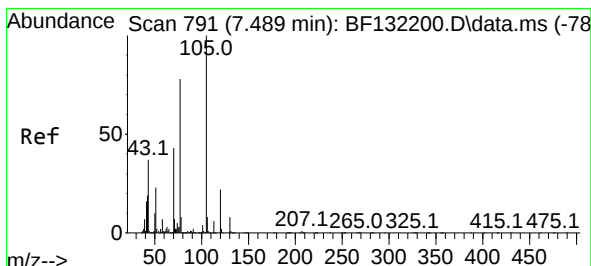
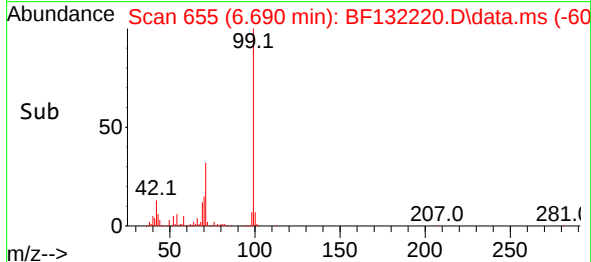
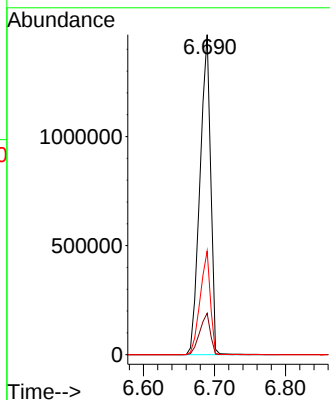
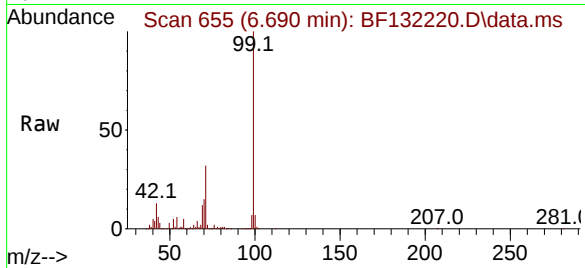




#7
Phenol-d6
Concen: 95.503 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

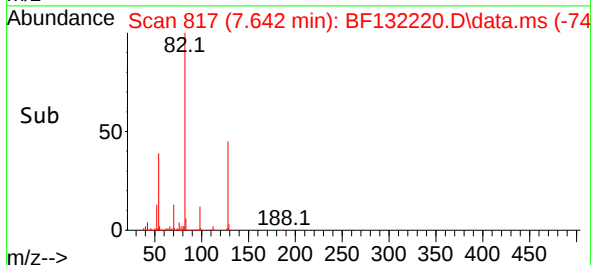
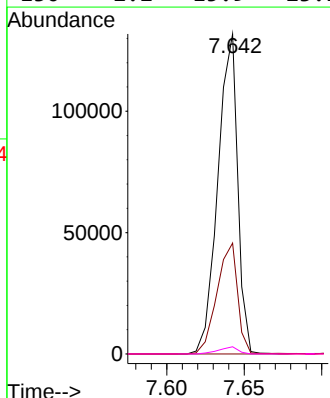
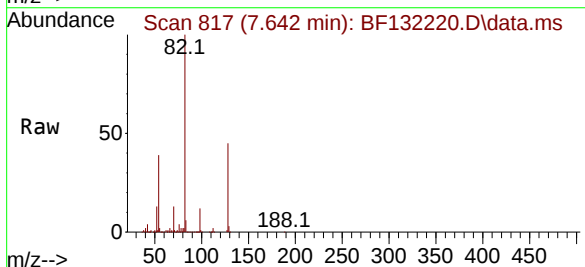
Instrument :
BNA_F
ClientSampleId :
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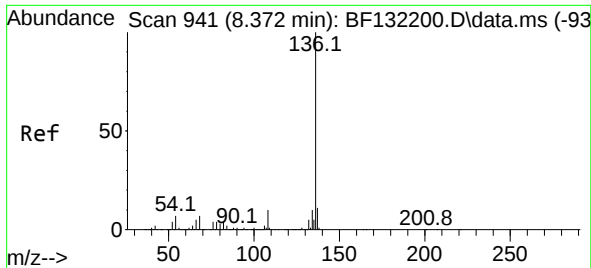
Tgt Ion: 99 Resp: 1539180
Ion Ratio Lower Upper
99 100
42 12.9 11.3 16.9
71 32.4 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.075 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

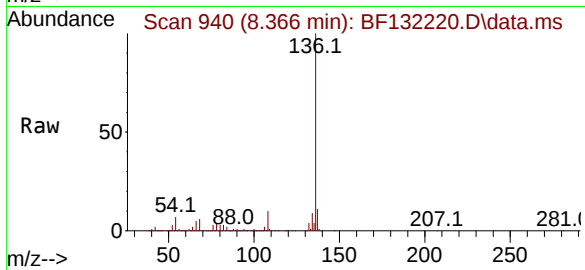
Tgt Ion: 70 Resp: 117132
Ion Ratio Lower Upper
70 100
42 34.6 36.2 54.4#
101 0.0 7.9 11.9#
130 2.2 15.9 23.9#



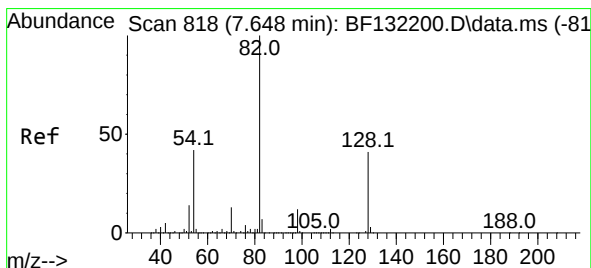
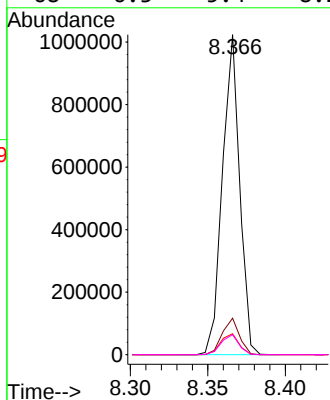
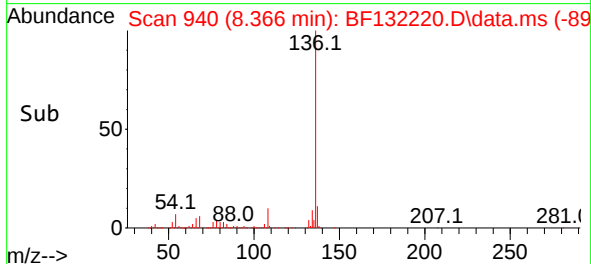


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

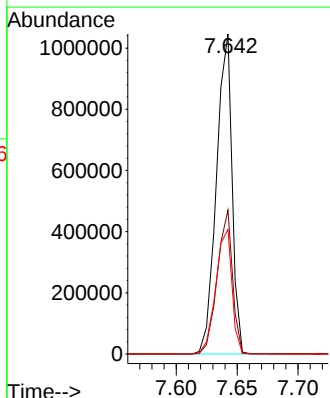
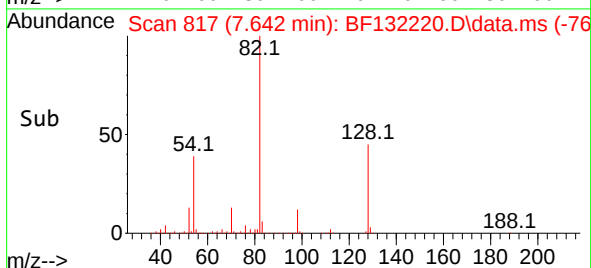
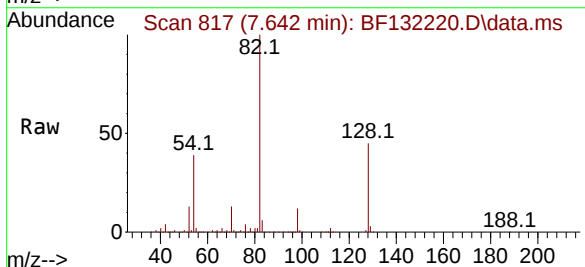


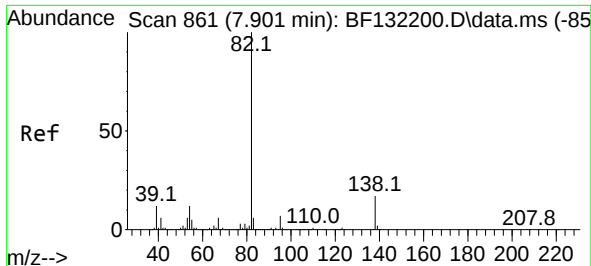
Tgt Ion:136 Resp: 791387
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.5 5.4 8.2
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 62.019 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion: 82 Resp: 937503
Ion Ratio Lower Upper
82 100
128 44.9 32.7 49.1
54 38.9 33.3 49.9

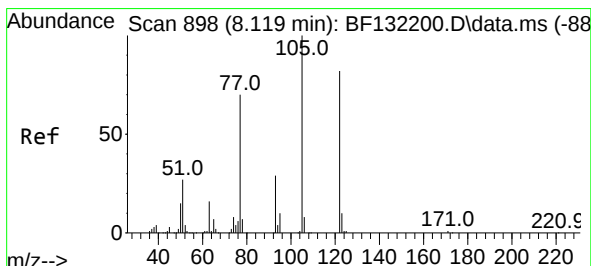
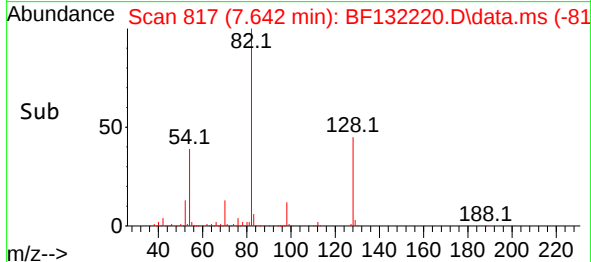
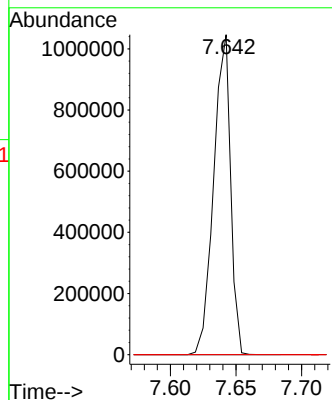
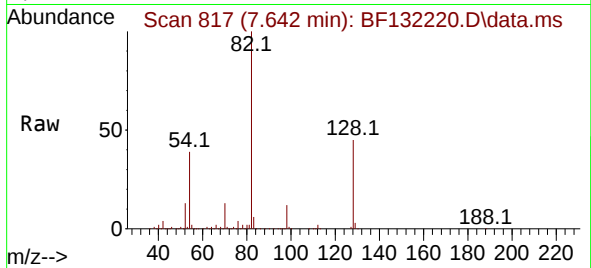




#25
Isophorone
Concen: 32.248 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

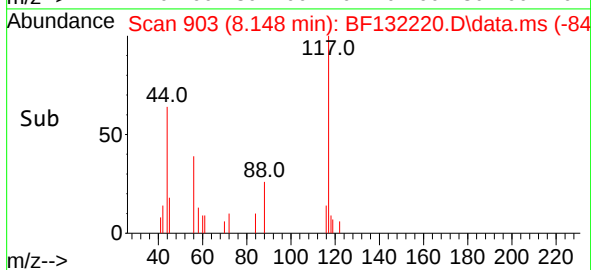
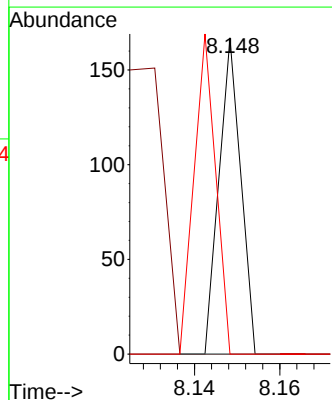
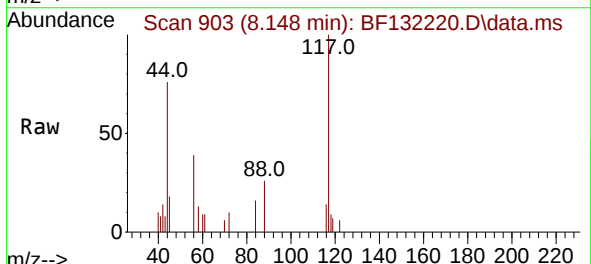
Instrument :
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ClientSampleId :
COMP-8-BORING-2-21-28

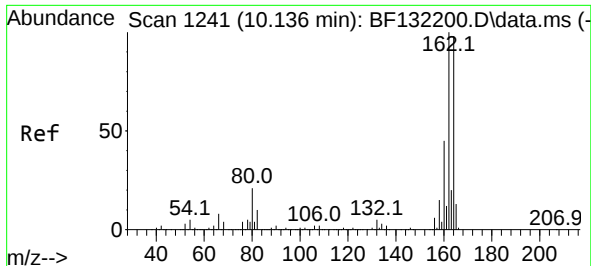
Tgt Ion: 82 Resp: 937488
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.304 ng
RT: 8.148 min Scan# 903
Delta R.T. 0.029 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 0.0 66.5 106.5#

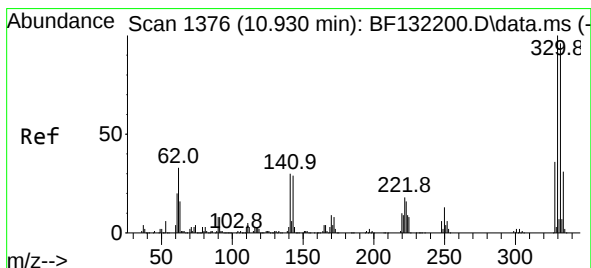
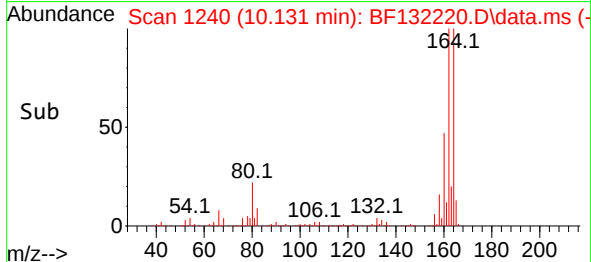
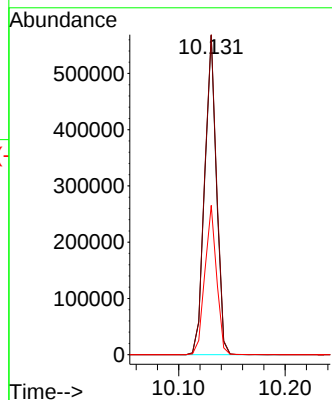
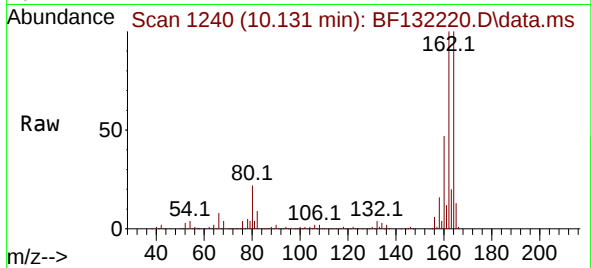




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

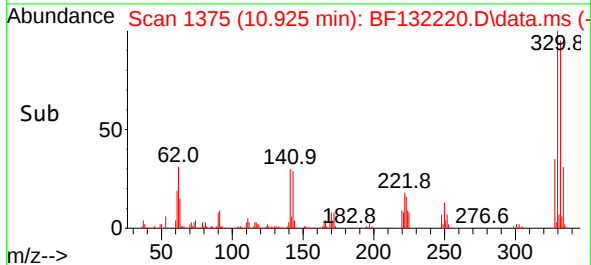
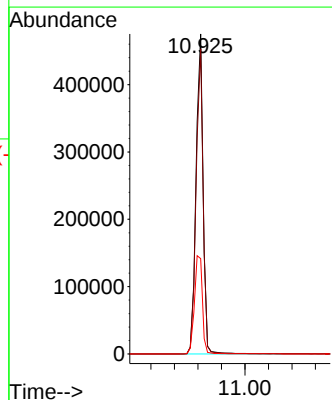
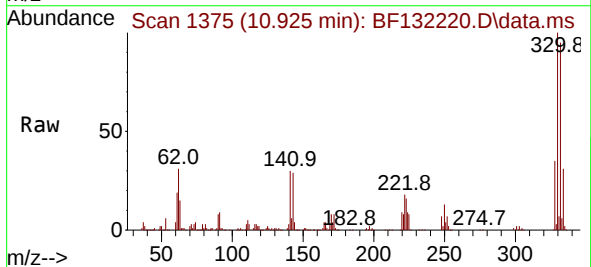
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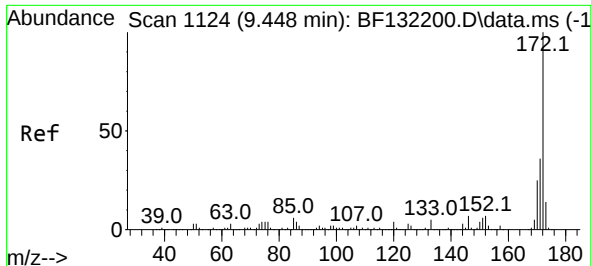
Tgt Ion:164 Resp: 435823
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 46.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 97.629 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:330 Resp: 393996
Ion Ratio Lower Upper
330 100
332 94.9 75.7 113.5
141 34.8 30.7 46.1

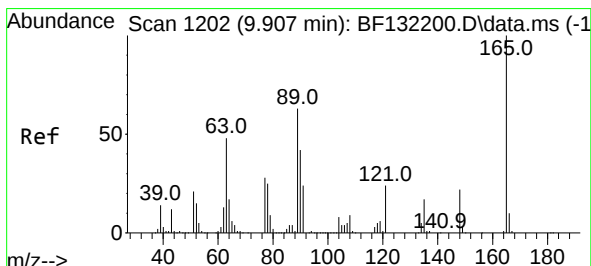
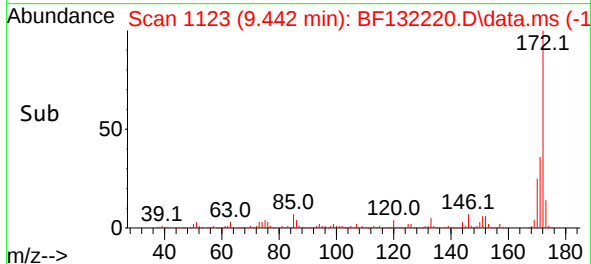
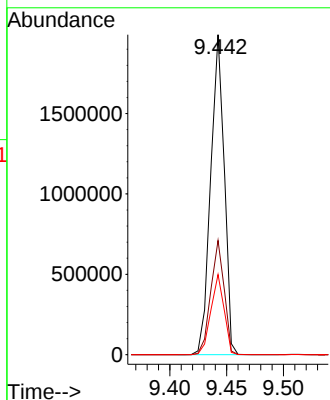
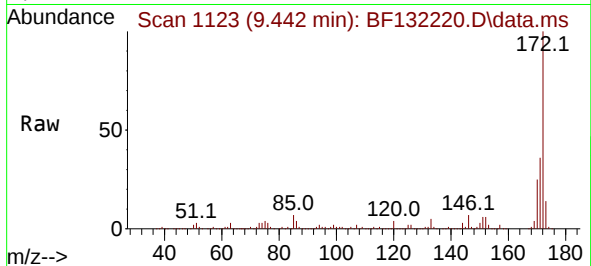




#45
2-Fluorobiphenyl
Concen: 55.789 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

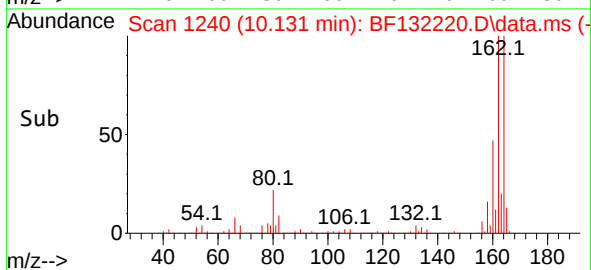
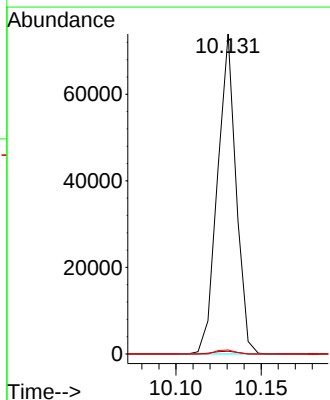
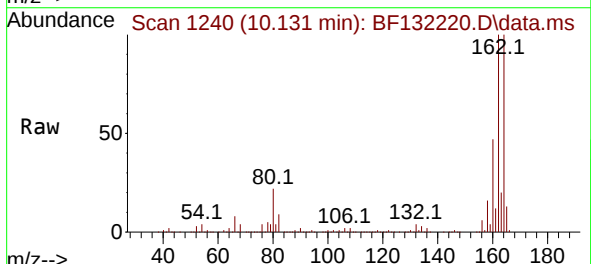
Instrument :
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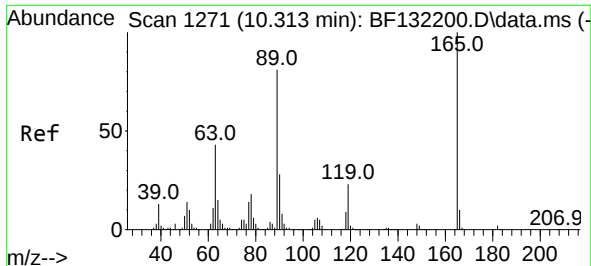
Tgt Ion:172 Resp: 1652406
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 25.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.909 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.224 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:165 Resp: 55982
Ion Ratio Lower Upper
165 100
63 0.8 46.1 69.1#
89 1.3 50.3 75.5#

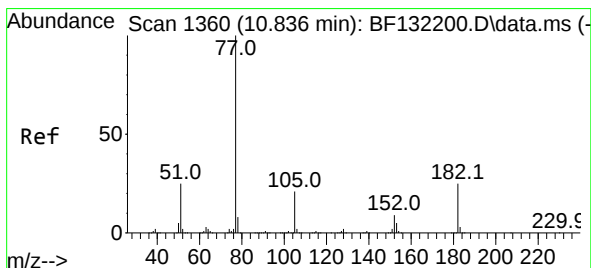
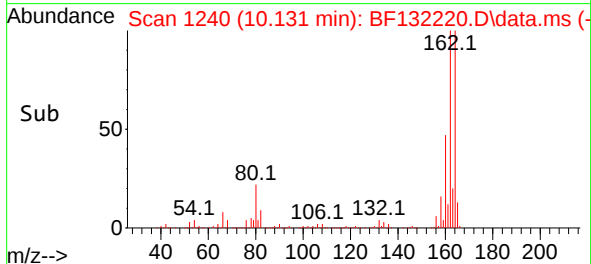
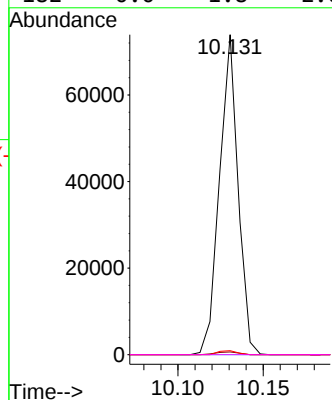
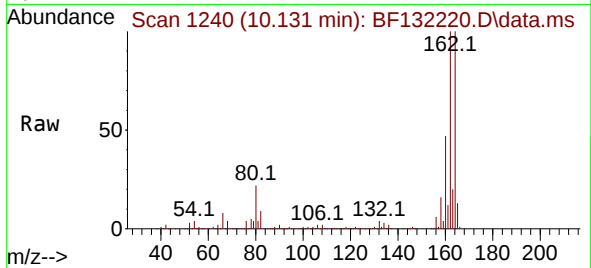




#57
2,4-Dinitrotoluene
Concen: 7.237 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

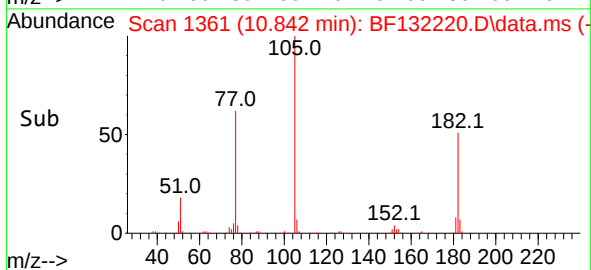
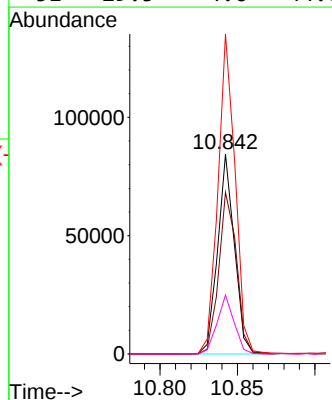
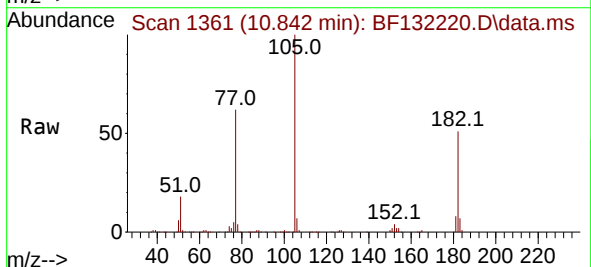
Instrument :
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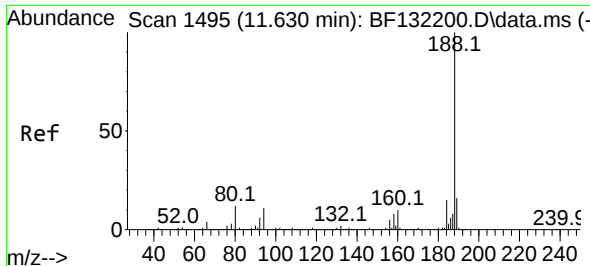
Tgt Ion:165 Resp: 55982
Ion Ratio Lower Upper
165 100
63 0.8 34.2 51.2#
89 1.3 65.1 97.7#
182 0.0 1.8 2.6#



#63
Azobenzene
Concen: 2.096 ng
RT: 10.842 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion: 77 Resp: 63766
Ion Ratio Lower Upper
77 100
182 81.0 4.7 44.7#
105 160.2 1.1 41.1#
51 29.5 4.6 44.6

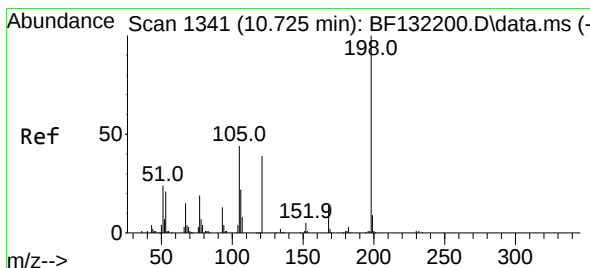
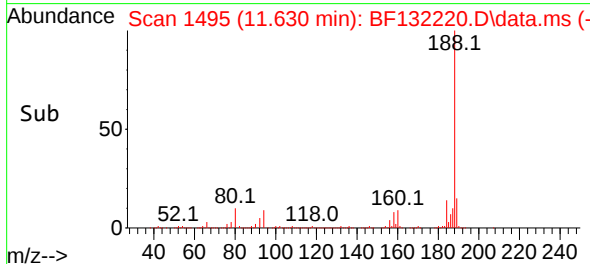
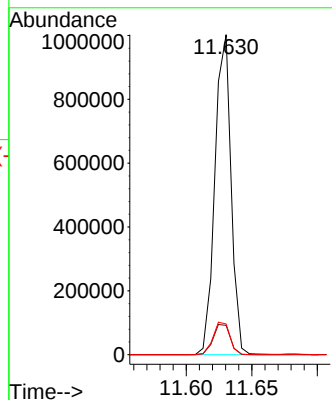
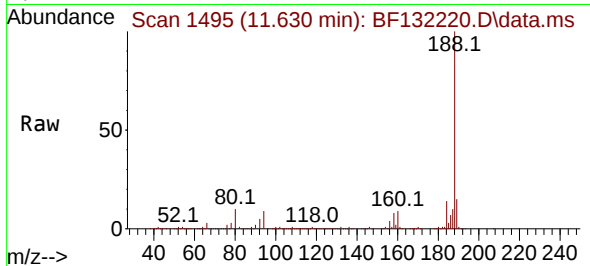




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

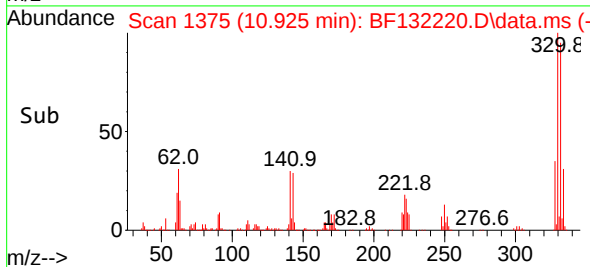
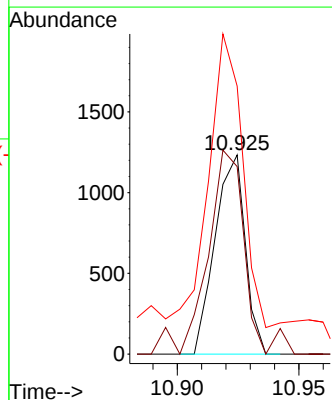
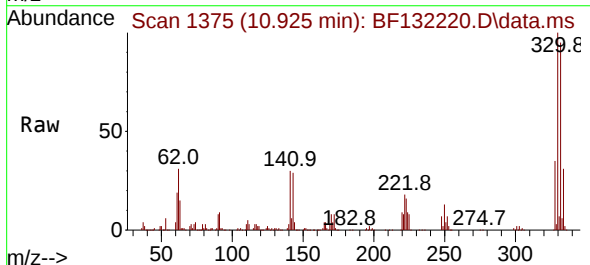
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

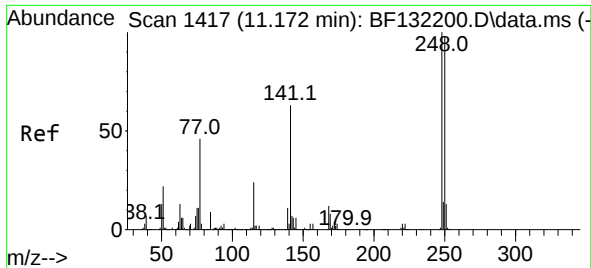
Tgt Ion:188 Resp: 858347
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.6 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 5.534 ng
RT: 10.925 min Scan# 1375
Delta R.T. 0.200 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:198 Resp: 1062
Ion Ratio Lower Upper
198 100
51 94.1 14.9 54.9#
105 134.5 24.2 64.2#

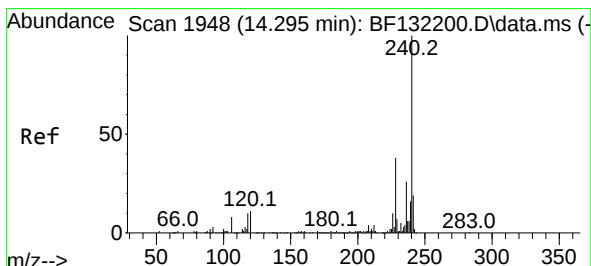
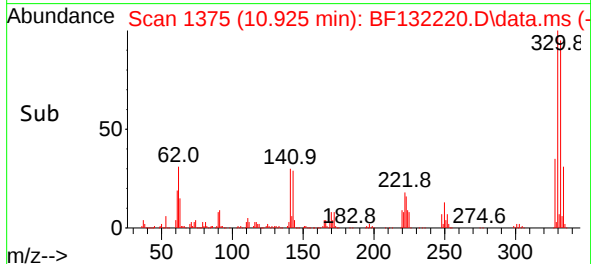
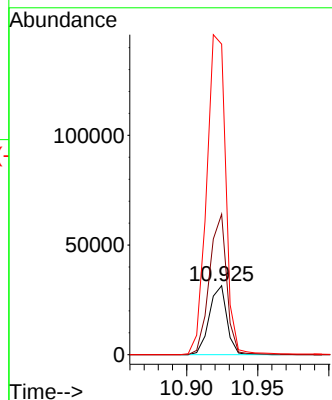
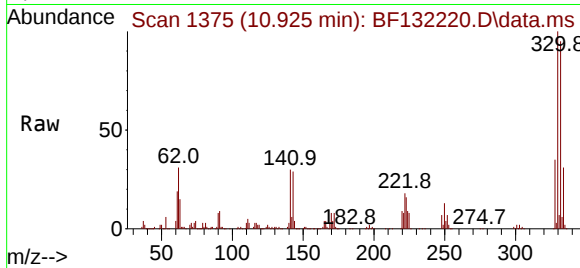




#67
4-Bromophenyl-phenylether
Concen: 2.738 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

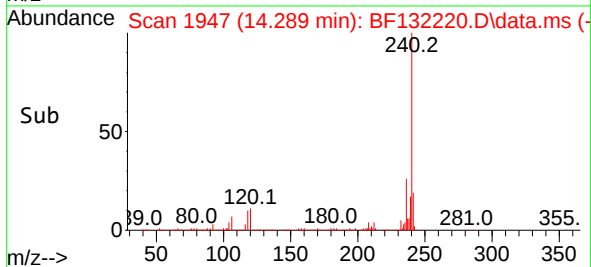
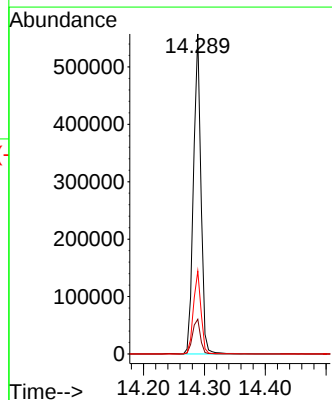
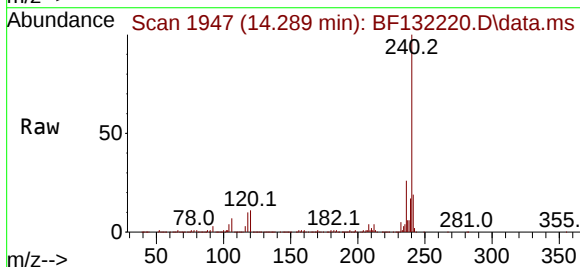
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

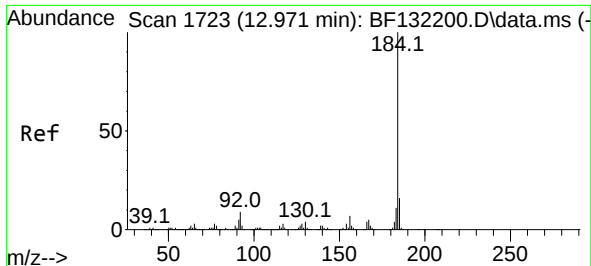
Tgt Ion:248 Resp: 27060
Ion Ratio Lower Upper
248 100
250 203.8 78.5 117.7#
141 450.6 50.2 75.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:240 Resp: 473090
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.9 20.8 31.2

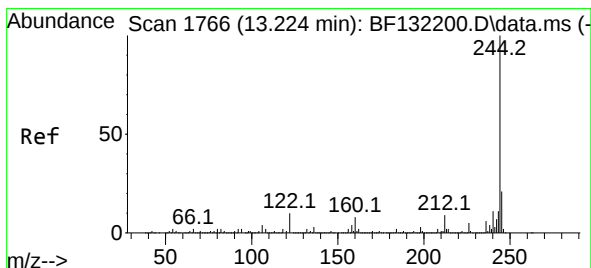
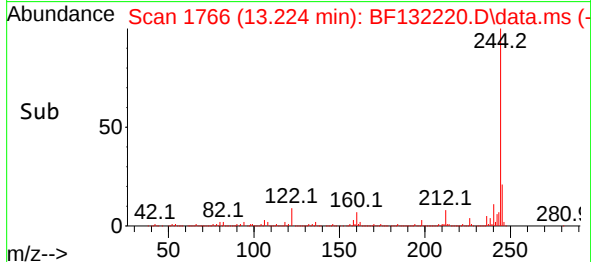
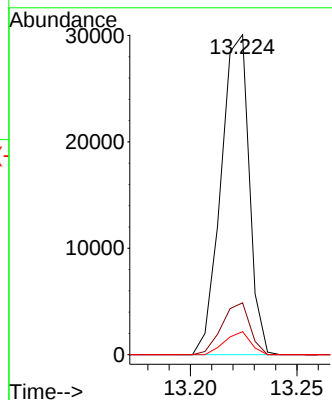
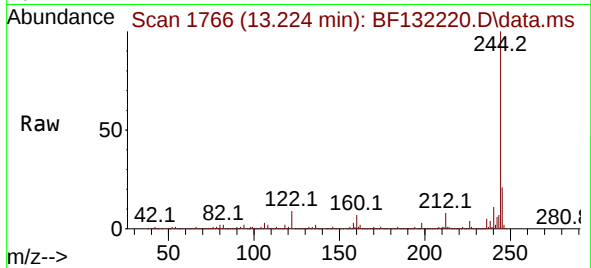




#77
Benzidine
Concen: 2.244 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.253 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

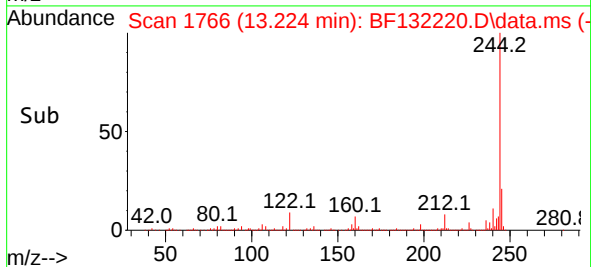
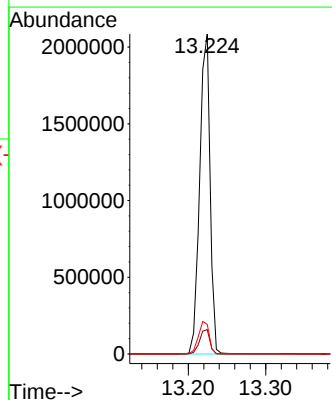
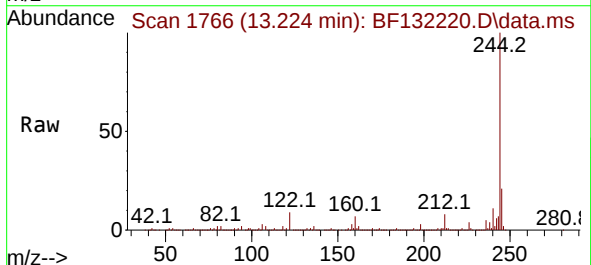
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

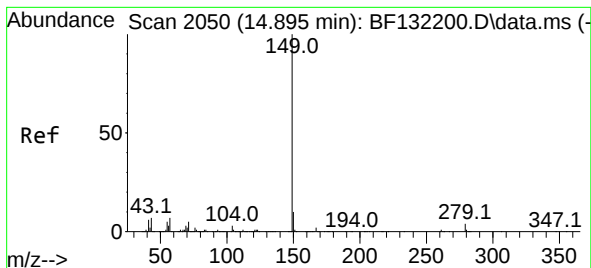
Tgt Ion:184 Resp: 27709
Ion Ratio Lower Upper
184 100
185 16.2 13.2 19.8
183 7.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 64.432 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:244 Resp: 1940156
Ion Ratio Lower Upper
244 100
212 7.6 6.8 10.2
122 9.2 8.3 12.5





#85

Di-n-octyl phthalate

Concen: 5.445 ng

RT: 14.924 min Scan# 2055

Delta R.T. 0.029 min

Lab File: BF132220.D

Acq: 30 Jan 2023 20:14

Instrument :

BNA_F

ClientSampleId :

COMP-8-BORING-2-21-28

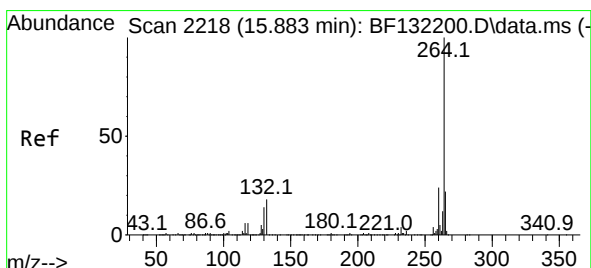
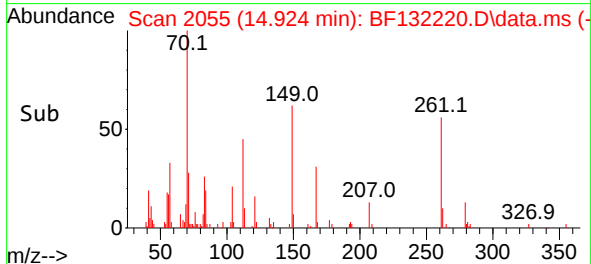
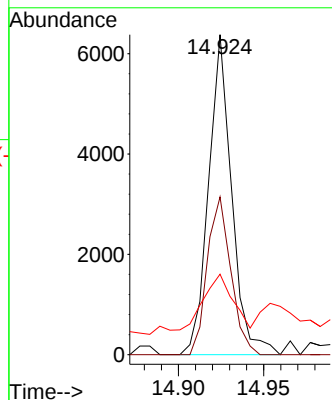
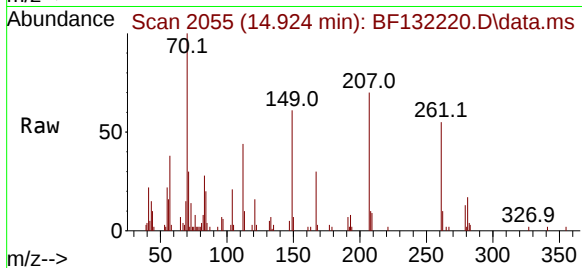
Tgt Ion:149 Resp: 6034

Ion Ratio Lower Upper

149 100

167 50.1 1.2 1.8#

43 27.0 6.6 10.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF132220.D

Acq: 30 Jan 2023 20:14

Tgt Ion:264 Resp: 421932

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.5 17.4 26.2

