

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130978.D
 Acq On : 04 Nov 2022 01:08
 Operator : CG\JU
 Sample : N5418-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Quant Time: Nov 04 06:25:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

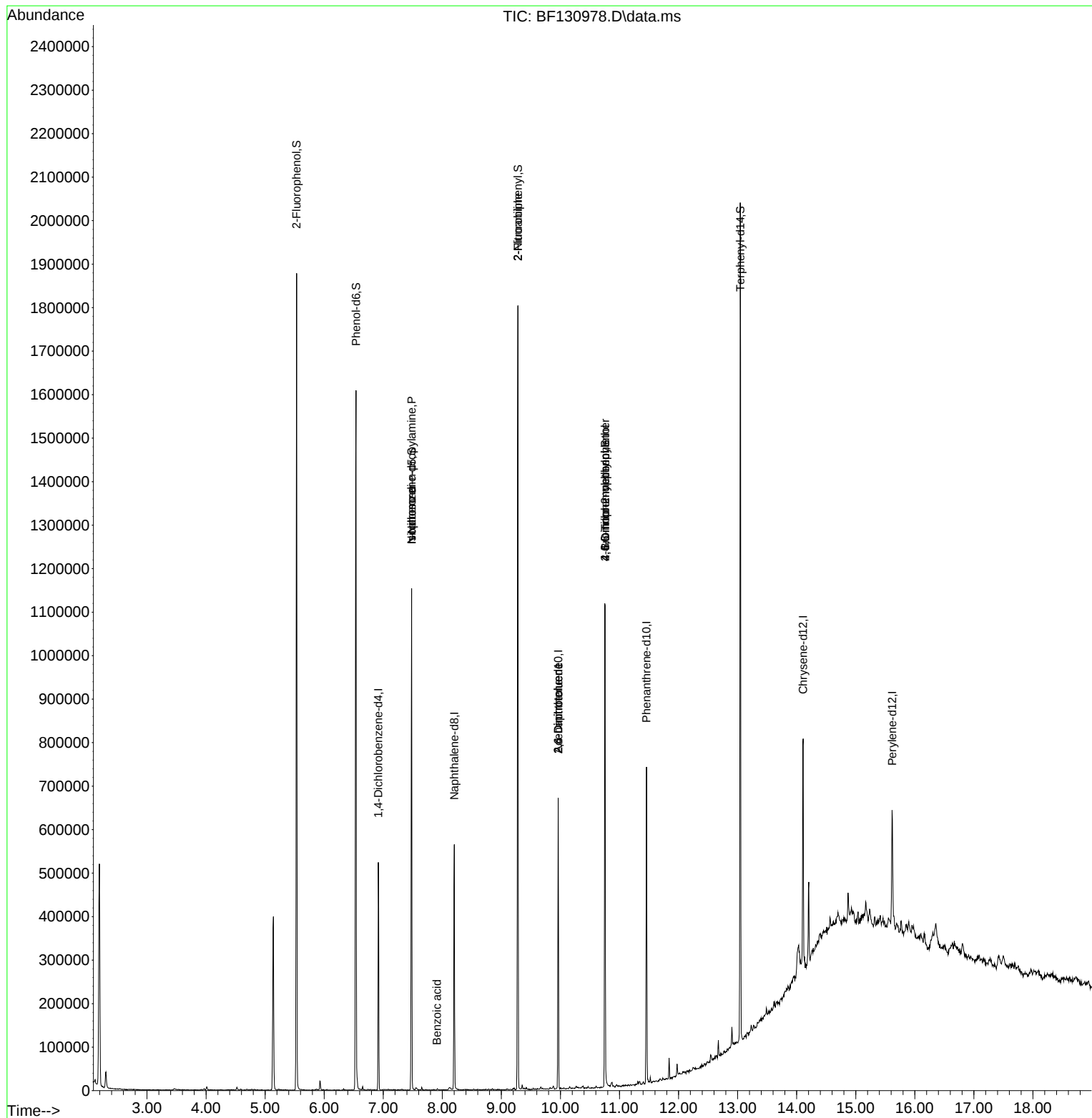
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	70364	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	232732	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	119175	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	235008	20.000	ng	0.00
76) Chrysene-d12	14.110	240	192303	20.000	ng	0.00
86) Perylene-d12	15.615	264	124944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	433247	106.742	ng	0.00
7) Phenol-d6	6.540	99	507461	96.212	ng	0.00
23) Nitrobenzene-d5	7.481	82	315816	81.825	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	135619	135.185	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	523664	66.433	ng	0.00
79) Terphenyl-d14	13.045	244	650943	62.028	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	42871	11.946	ng	# 73
25) Isophorone	7.481	82	315809	39.679	ng	# 66
32) Benzoic acid	7.910	122	72	7.706	ng	# 1
48) 2-Nitroaniline	9.281	65	1032	4.578	ng	# 1
51) 2,6-Dinitrotoluene	9.963	165	15946	12.441	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	15946	11.233	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	390	8.260	ng	# 21
67) 4-Bromophenyl-phenylether	10.757	248	8582	3.631	ng	# 1

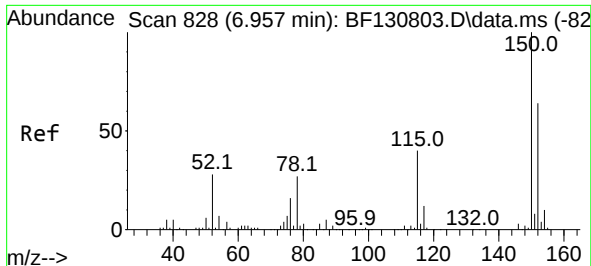
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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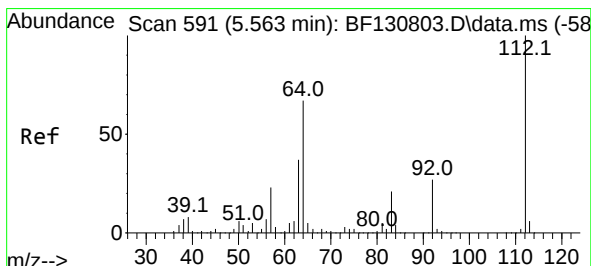
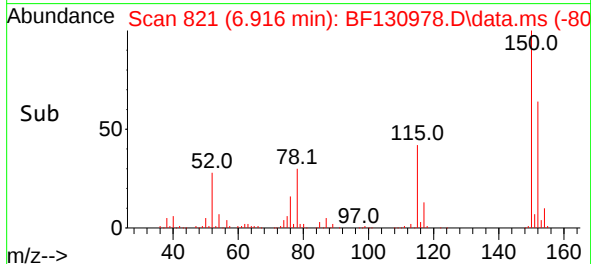
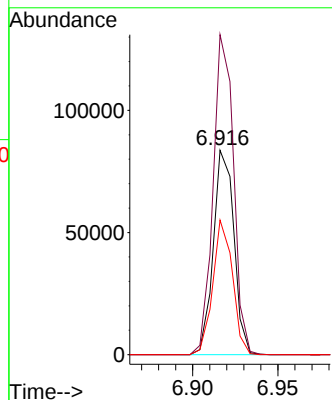
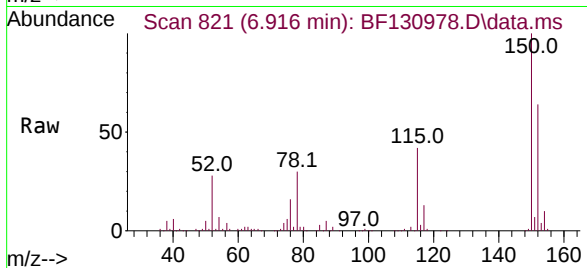




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

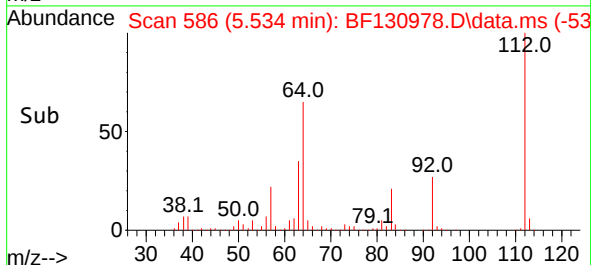
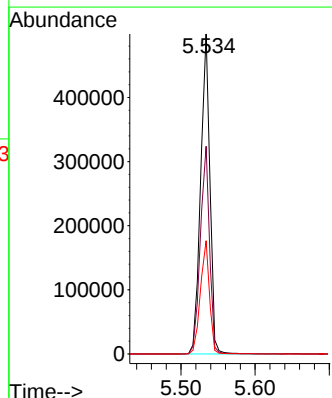
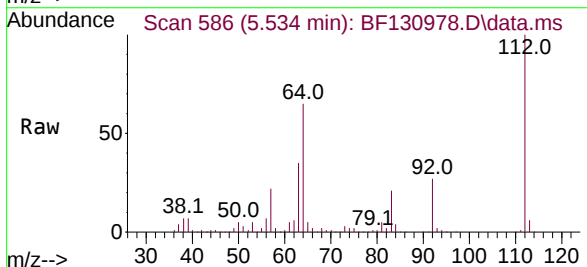
Instrument :
BNA_F
ClientSampleId :
TP-J

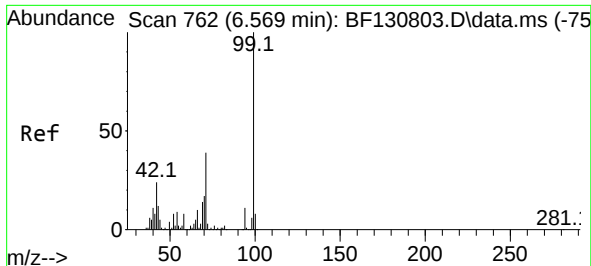
Tgt Ion:152 Resp: 70364
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 65.8 50.1 75.1



#5
2-Fluorophenol
Concen: 106.742 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:112 Resp: 433247
Ion Ratio Lower Upper
112 100
64 64.9 53.9 80.9
63 35.4 29.4 44.2

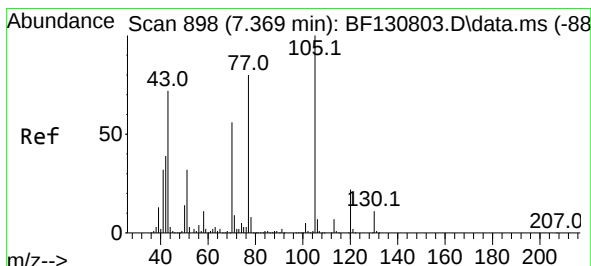
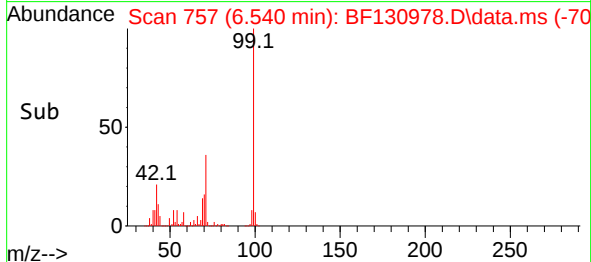
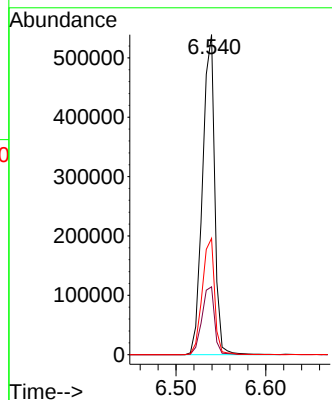
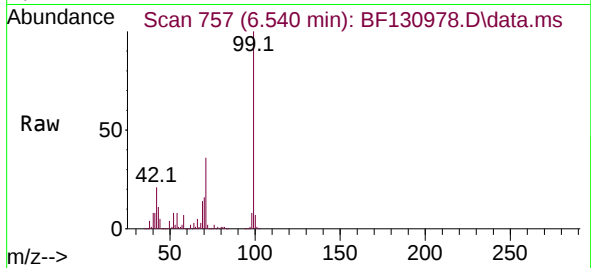




#7
Phenol-d6
Concen: 96.212 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

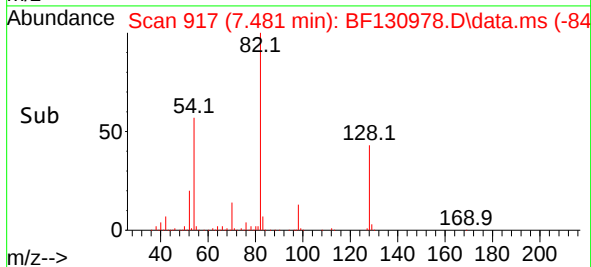
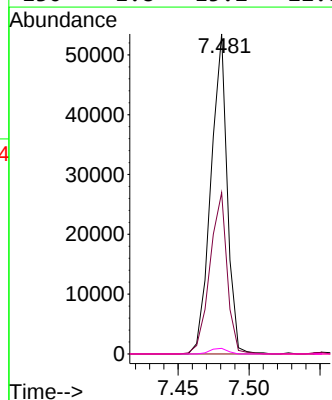
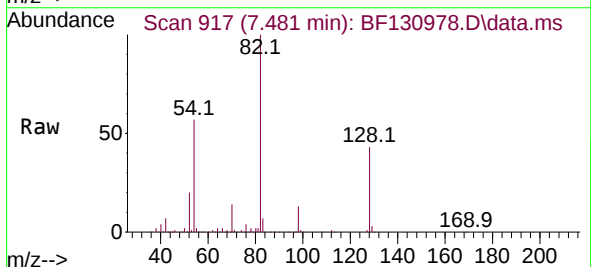
Instrument :
BNA_F
ClientSampleId :
TP-J

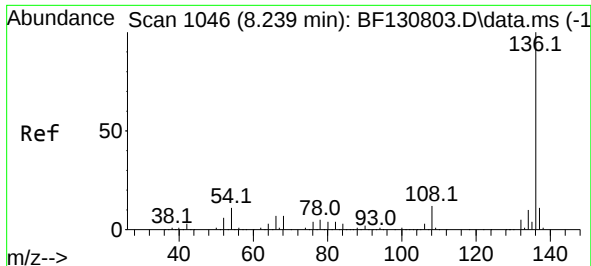
Tgt Ion: 99 Resp: 507461
Ion Ratio Lower Upper
99 100
42 21.2 18.8 28.2
71 36.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.946 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion: 70 Resp: 42871
Ion Ratio Lower Upper
70 100
42 50.4 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

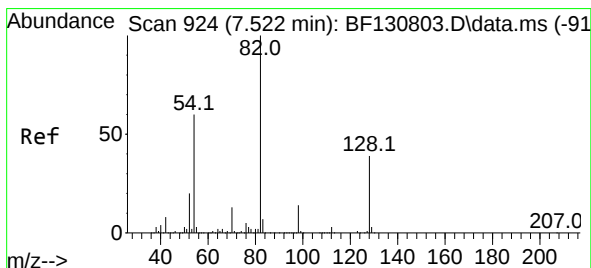
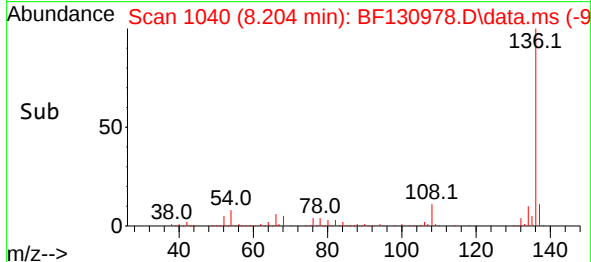
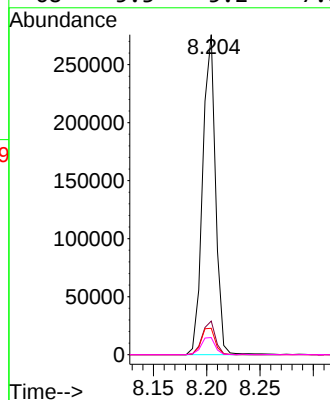
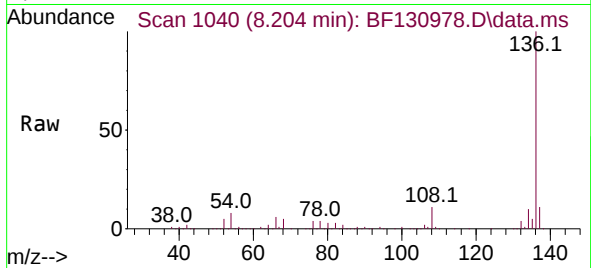




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

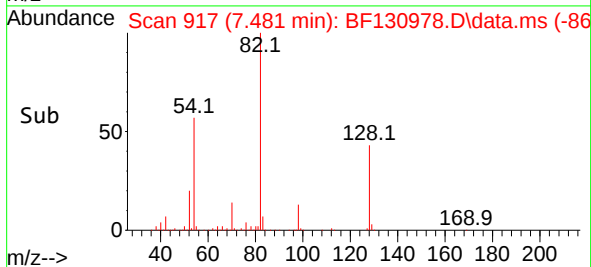
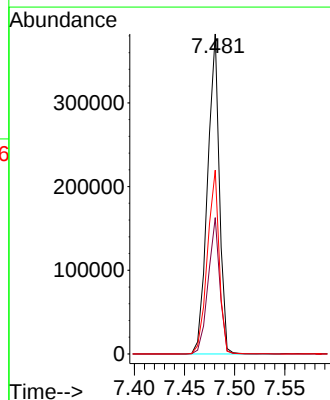
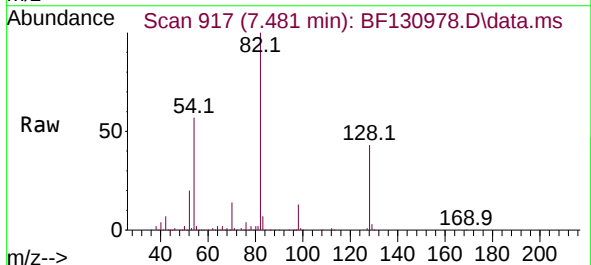
Instrument :
BNA_F
ClientSampleId :
TP-J

Tgt Ion:	136	Resp:	232732
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.2	13.8
54	8.3	8.8	13.2#
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 81.825 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:	82	Resp:	315816
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.2	46.8
54	57.4	48.0	72.0

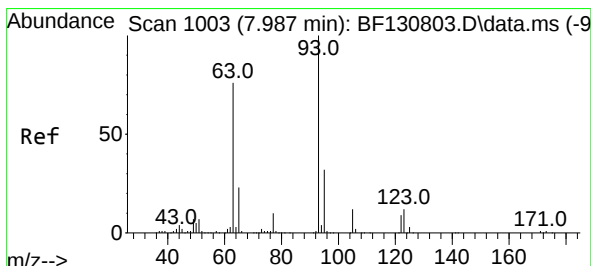
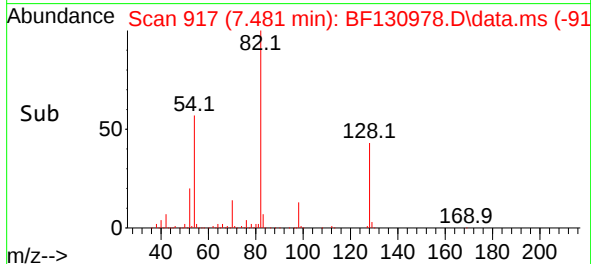
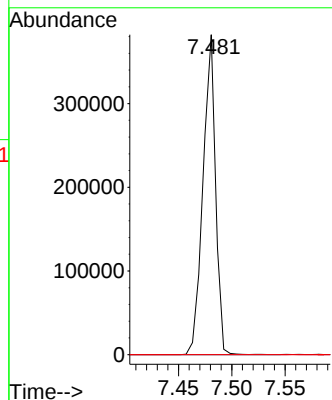
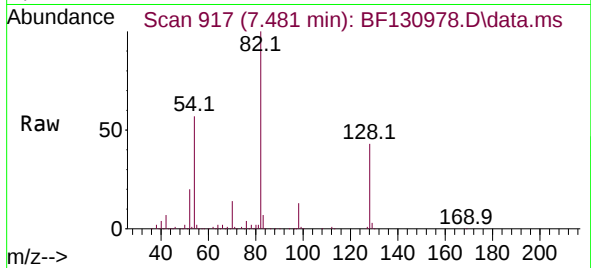




#25
Isophorone
Concen: 39.679 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

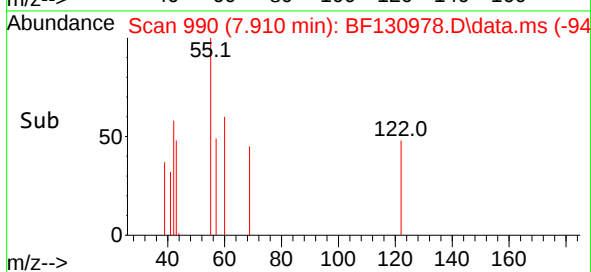
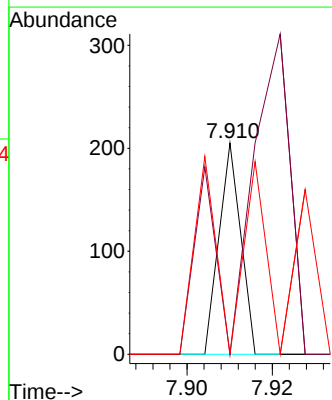
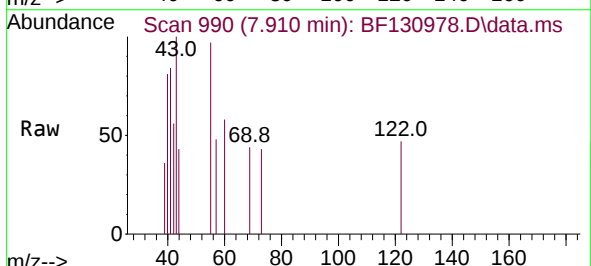
Instrument :
BNA_F
ClientSampleId :
TP-J

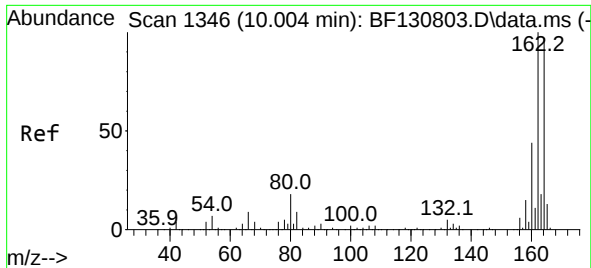
Tgt Ion: 82 Resp: 315809
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.706 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.053 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion: 122 Resp: 72
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 89.8 129.8#

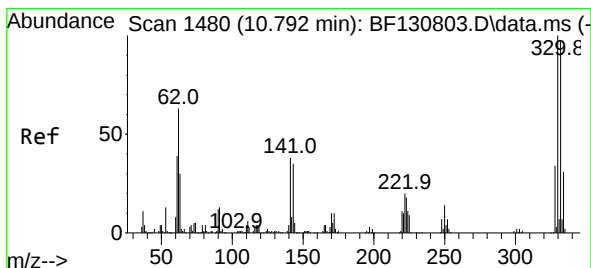
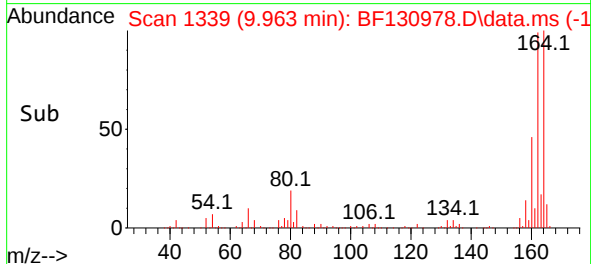
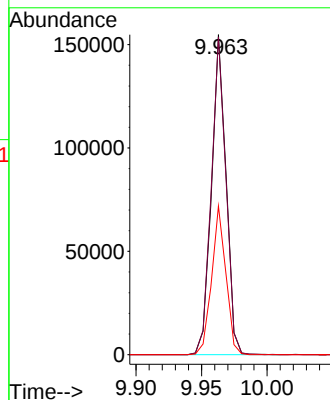
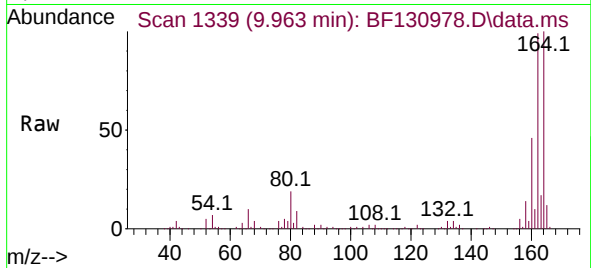




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

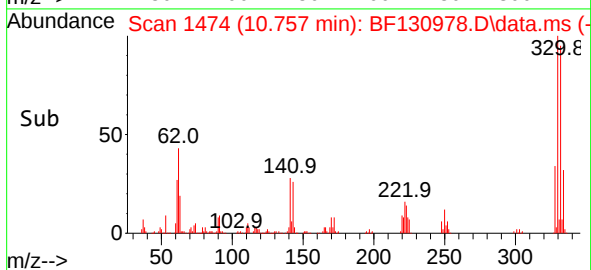
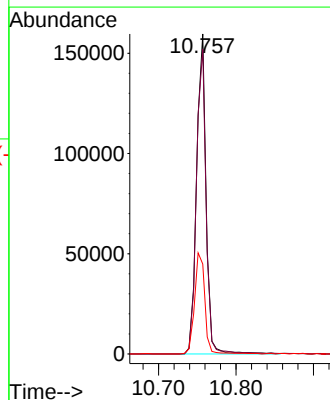
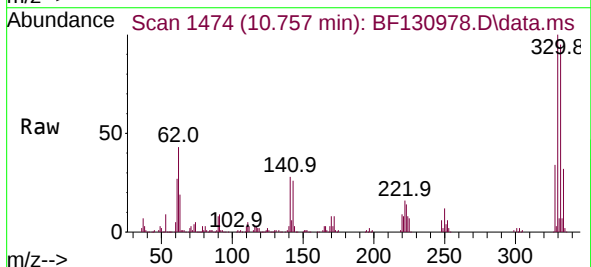
Instrument :
BNA_F
ClientSampleId :
TP-J

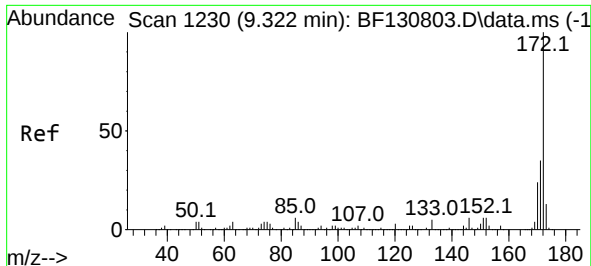
Tgt Ion:164 Resp: 119175
Ion Ratio Lower Upper
164 100
162 99.3 82.2 123.2
160 46.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 135.185 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:330 Resp: 135619
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 34.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 66.433 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF130978.D

Acq: 04 Nov 2022 01:08

Instrument :

BNA_F

ClientSampleId :

TP-J

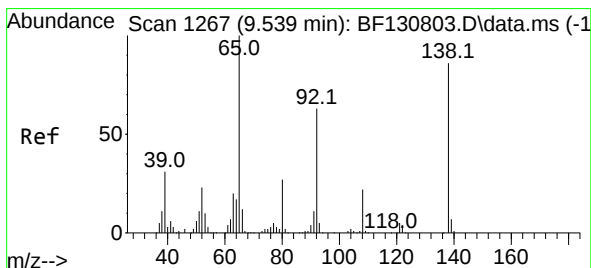
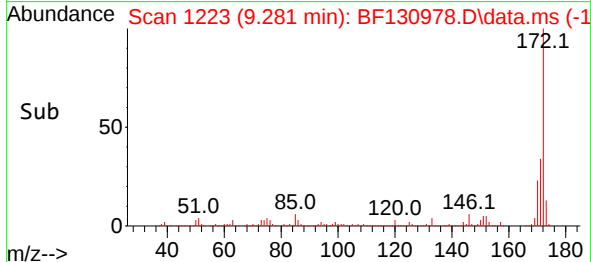
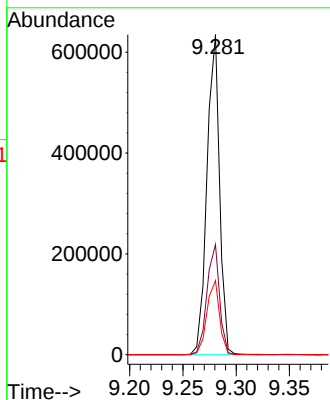
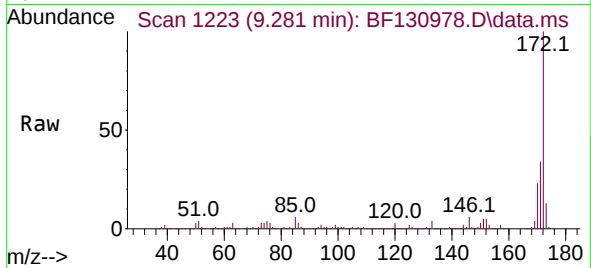
Tgt Ion:172 Resp: 523664

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.1 19.0 28.4



#48

2-Nitroaniline

Concen: 4.578 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.224 min

Lab File: BF130978.D

Acq: 04 Nov 2022 01:08

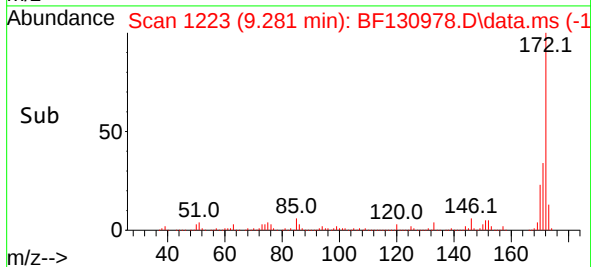
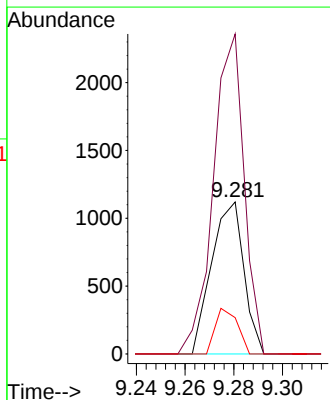
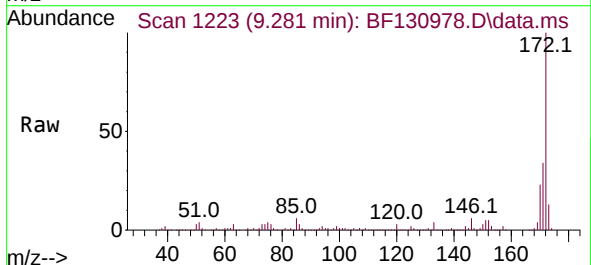
Tgt Ion: 65 Resp: 1032

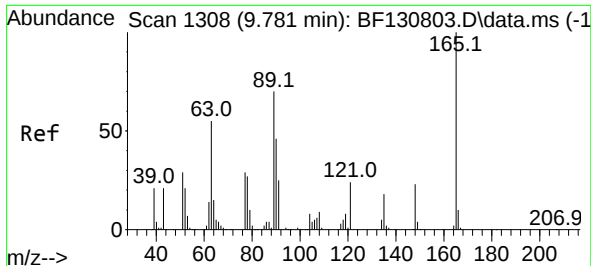
Ion Ratio Lower Upper

65 100

92 210.4 50.1 75.1#

138 23.9 69.2 103.8#

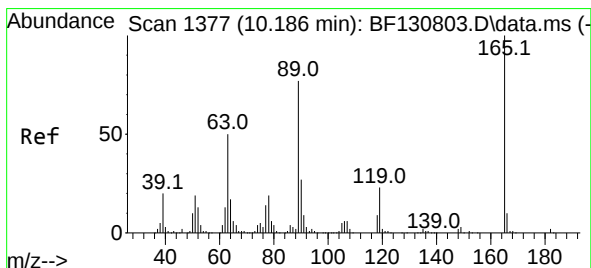
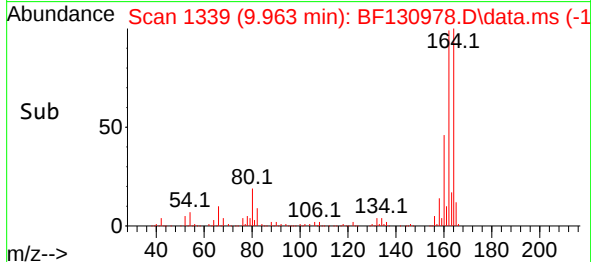
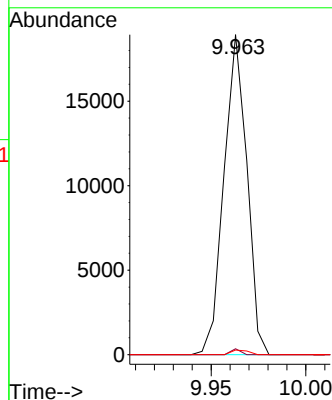
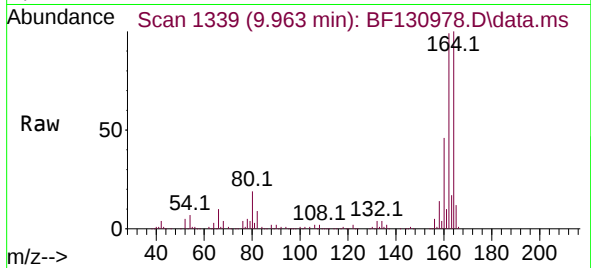




#51
2,6-Dinitrotoluene
Concen: 12.441 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

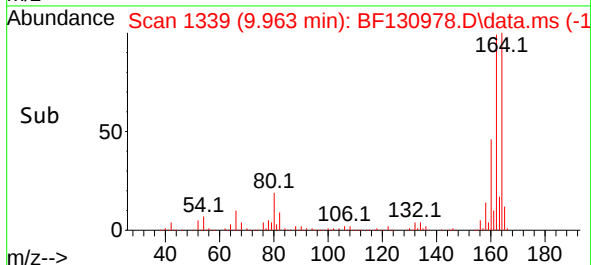
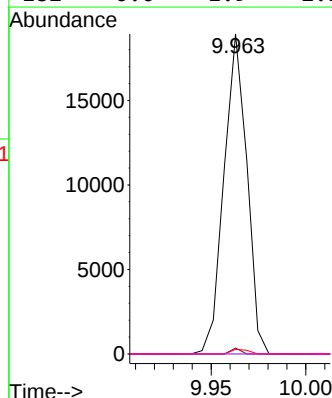
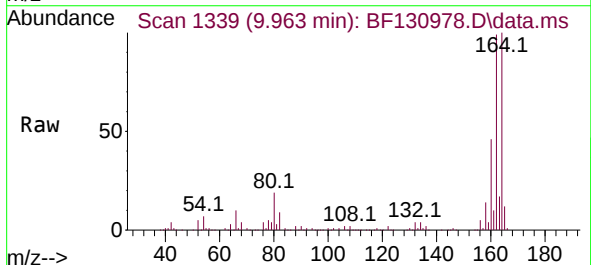
Instrument :
BNA_F
ClientSampleId :
TP-J

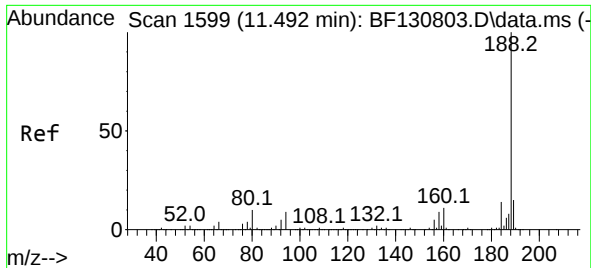
Tgt Ion:165 Resp: 15946
Ion Ratio Lower Upper
165 100
63 1.8 61.8 92.8#
89 1.4 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.233 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:165 Resp: 15946
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#

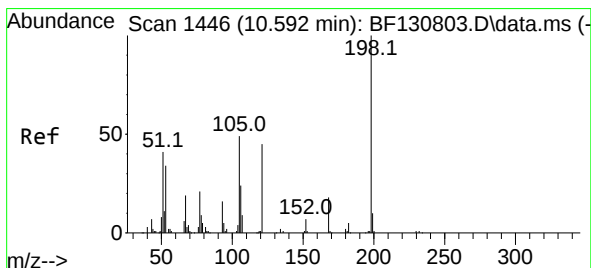
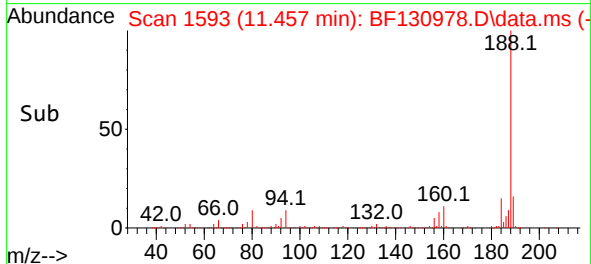
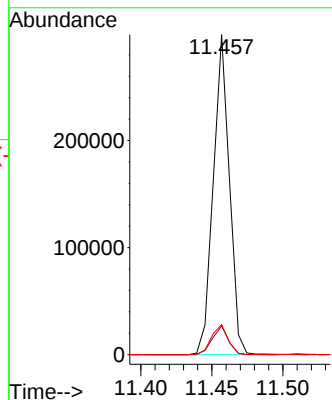
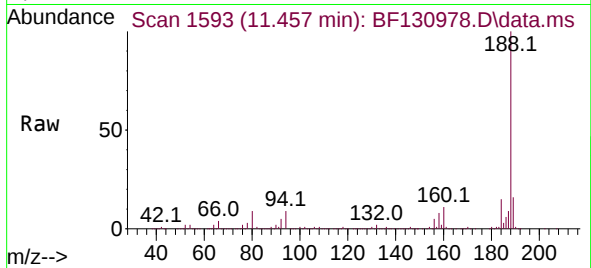




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

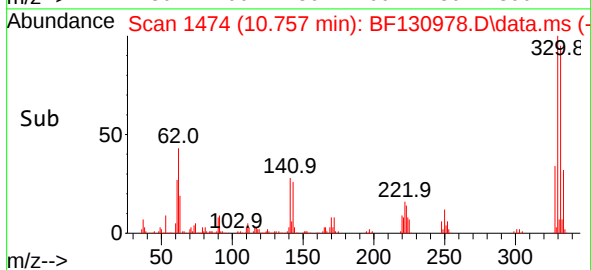
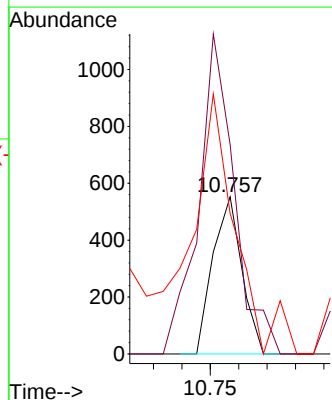
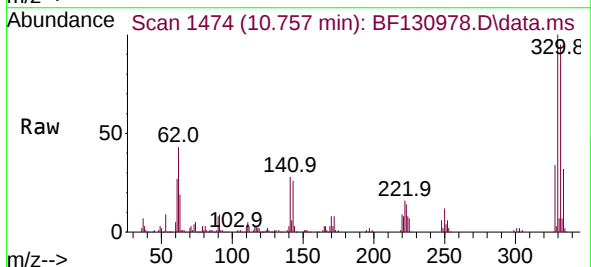
Instrument :
BNA_F
ClientSampleId :
TP-J

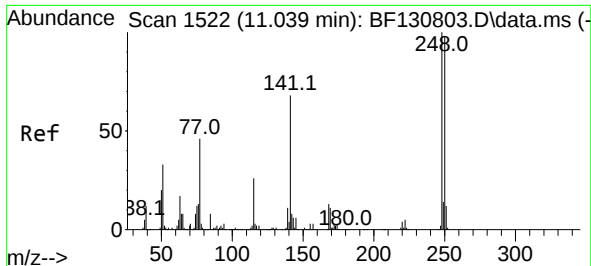
Tgt Ion:188 Resp: 235008
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.260 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.194 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 133.3 39.0 79.0#
105 89.5 30.6 70.6#

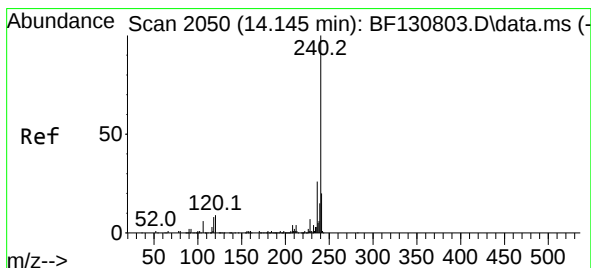
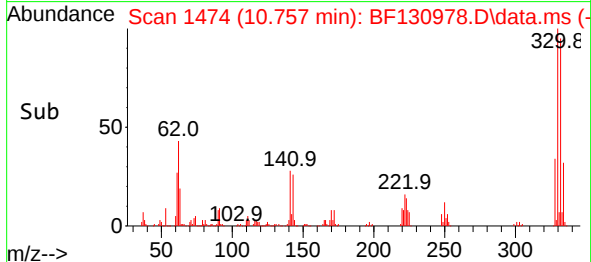
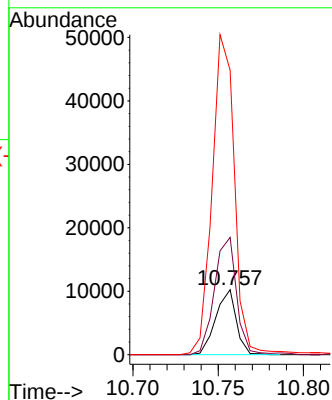
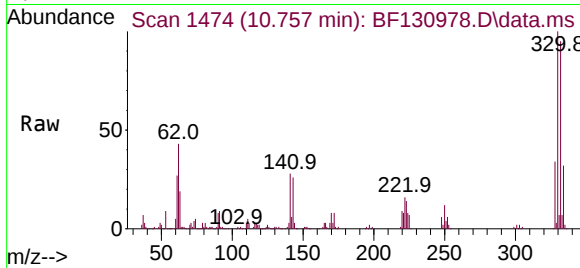




#67
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

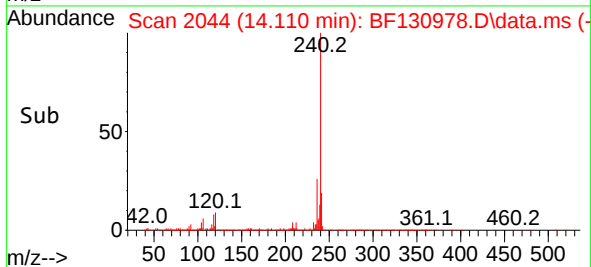
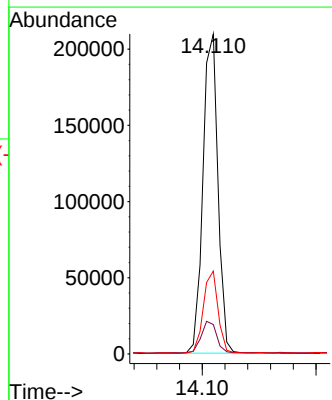
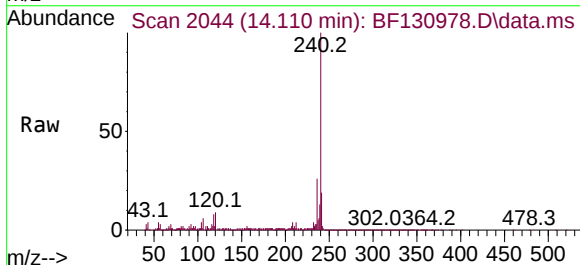
Instrument :
BNA_F
ClientSampleId :
TP-J

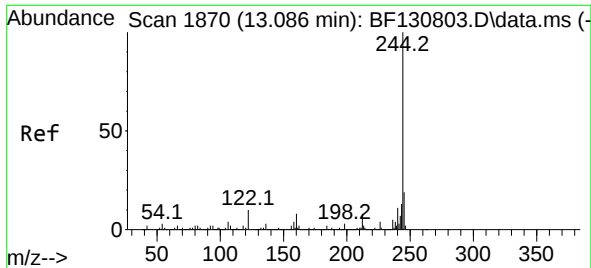
Tgt Ion:248 Resp: 8582
Ion Ratio Lower Upper
248 100
250 180.4 78.6 117.8#
141 437.8 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF130978.D
Acq: 04 Nov 2022 01:08

Tgt Ion:240 Resp: 192303
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 25.9 20.5 30.7

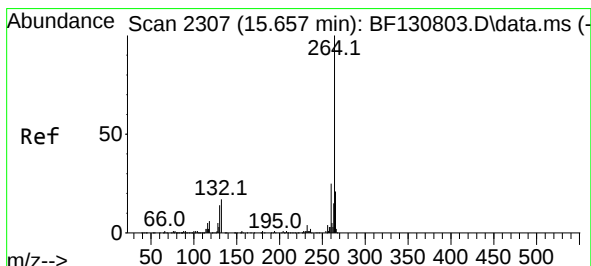
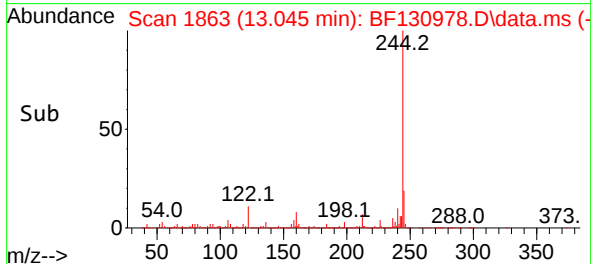
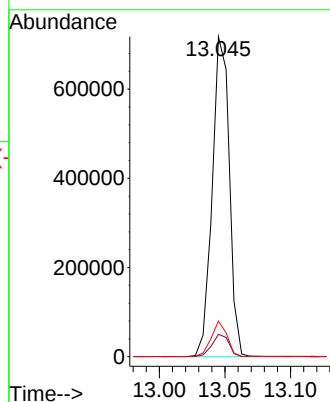
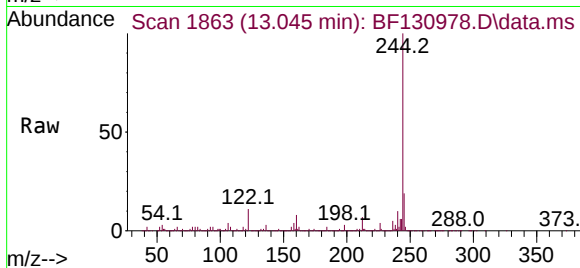




#79
 Terphenyl-d14
 Concen: 62.028 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF130978.D
 Acq: 04 Nov 2022 01:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Tgt Ion:244 Resp: 650943
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 11.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. 0.006 min
 Lab File: BF130978.D
 Acq: 04 Nov 2022 01:08

Tgt Ion:264 Resp: 124944
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 22.6 17.0 25.6

