

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131006.D
 Acq On : 04 Nov 2022 23:37
 Operator : CG\JU
 Sample : N5310-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-2

Quant Time: Nov 05 00:40:54 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)

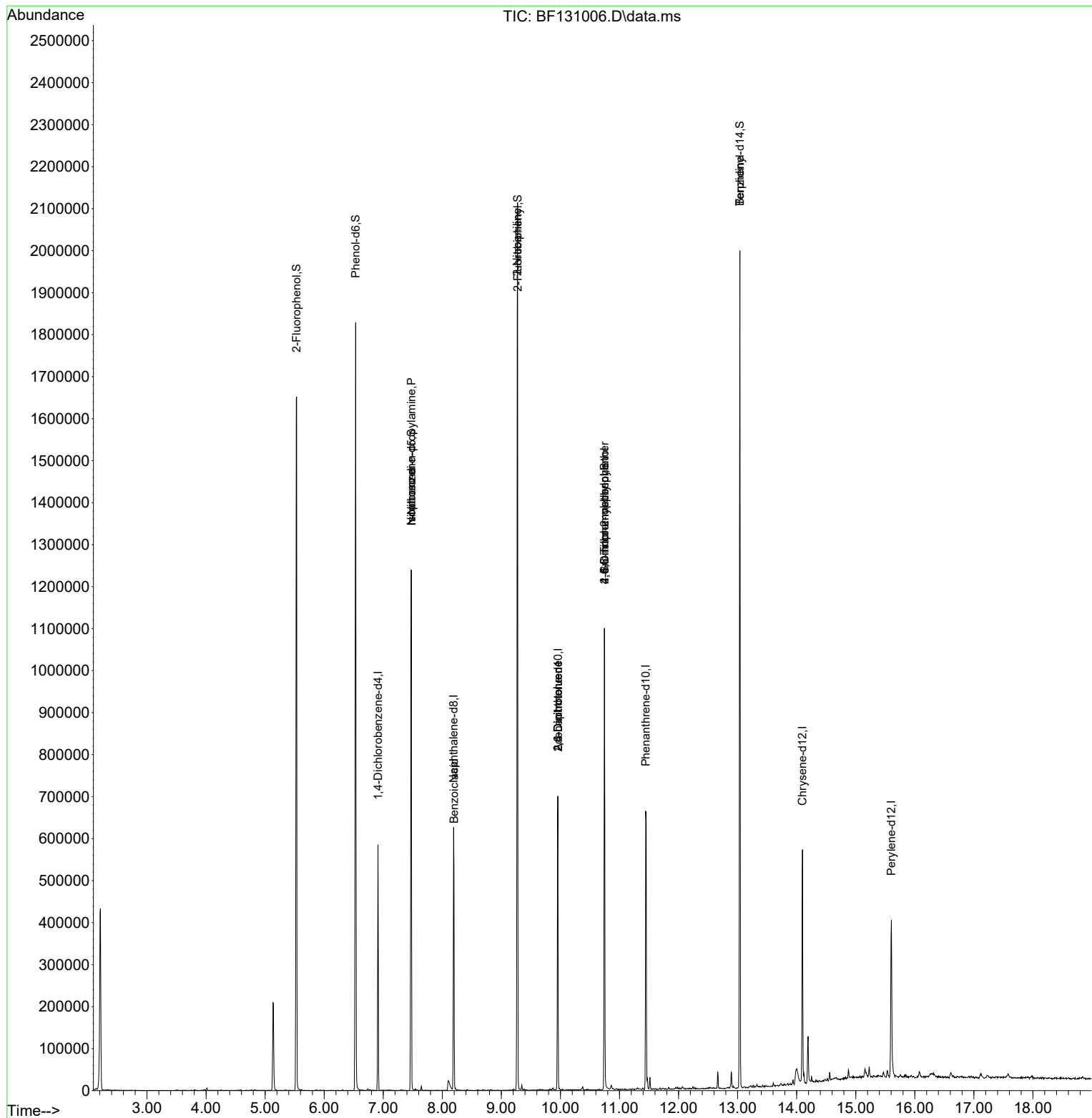
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	72775	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	271521	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	133567	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	248662	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	171615	20.000	ng	0.00
86) Perylene-d12	15.604	264	168692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	432997	103.146	ng	0.00
7) Phenol-d6	6.534	99	538002	98.623	ng	0.00
23) Nitrobenzene-d5	7.475	82	373520	82.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	115821	103.010	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	634682	71.841	ng	0.00
79) Terphenyl-d14	13.039	244	638901	68.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	49012	13.205	ng	# 77
25) Isophorone	7.475	82	373516	40.225	ng	# 66
32) Benzoic acid	8.198	122	60	7.698	ng	# 1
48) 2-Nitroaniline	9.269	65	1094	4.554	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	16406	11.649	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	16406	10.616	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	330	8.193	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	6706	2.682	ng	# 1
77) Benzidine	13.039	184	9429	2.263	ng	# 92

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

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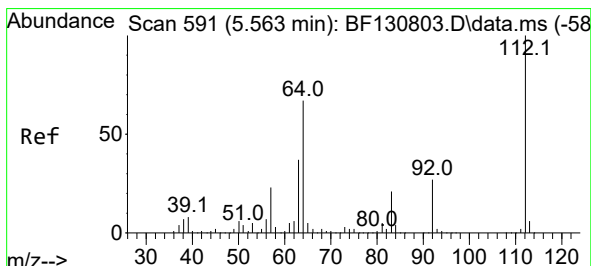
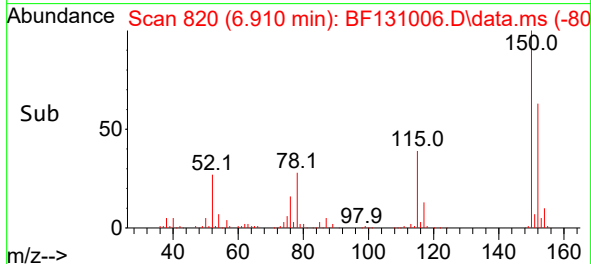
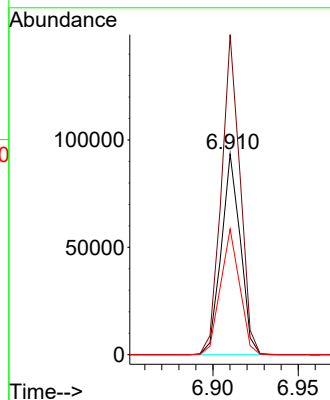
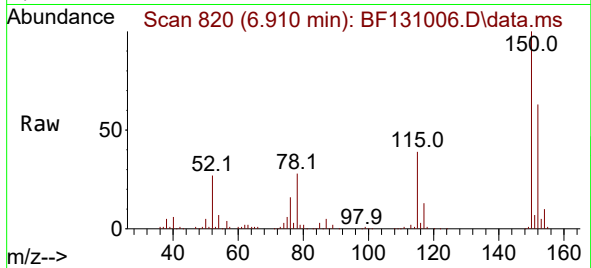




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

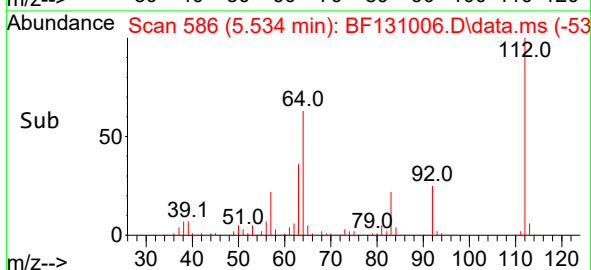
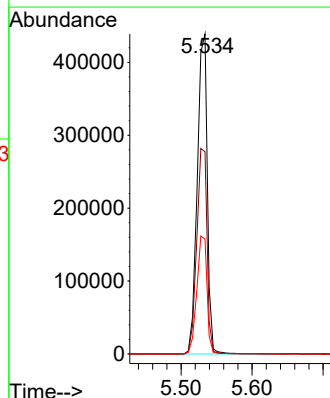
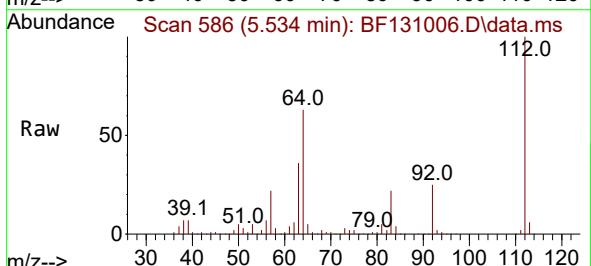
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

Tgt Ion:152 Resp: 72775
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 103.146 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:112 Resp: 432997
Ion Ratio Lower Upper
112 100
64 63.2 53.9 80.9
63 35.9 29.4 44.2

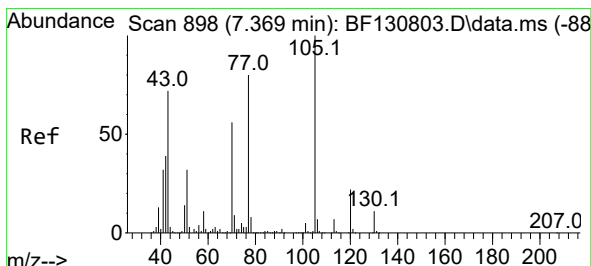
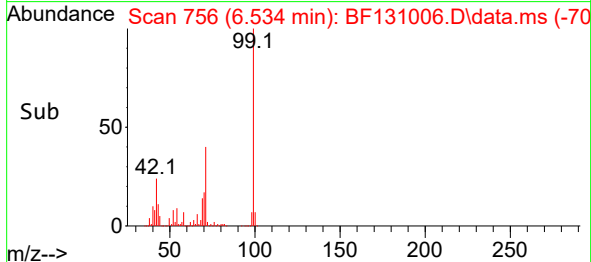
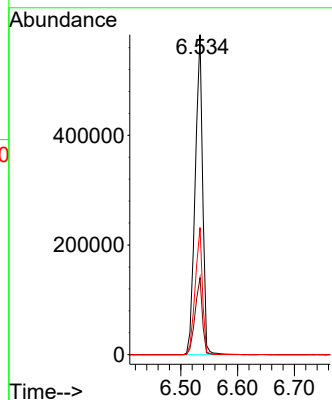
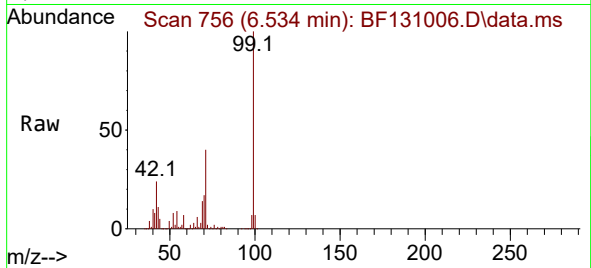




#7
Phenol-d6
Concen: 98.623 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

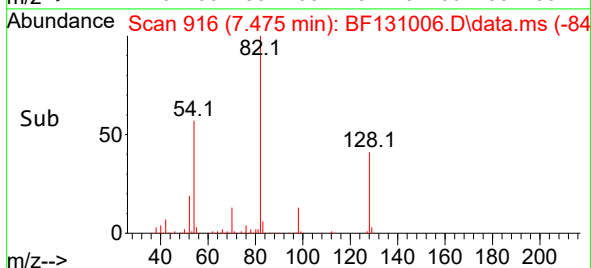
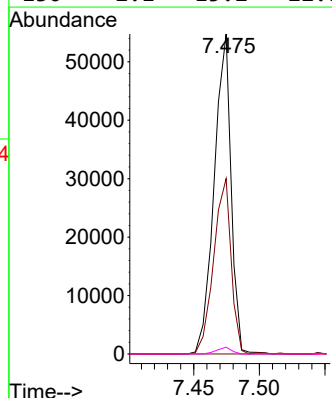
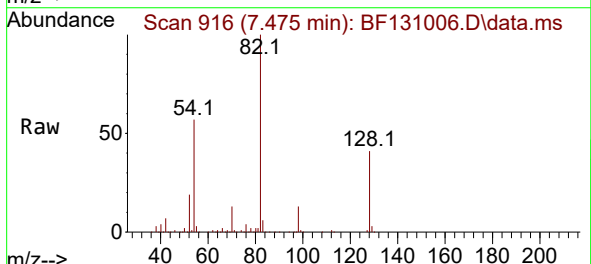
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

Tgt Ion: 99 Resp: 538002
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 39.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.205 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion: 70 Resp: 49012
Ion Ratio Lower Upper
70 100
42 54.8 56.1 84.1#
101 0.0 7.3 10.9#
130 2.1 15.2 22.8#

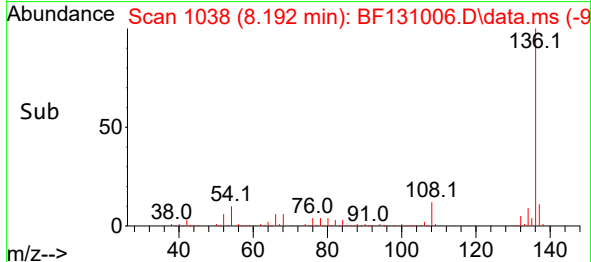
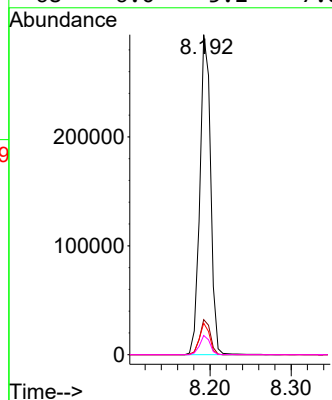
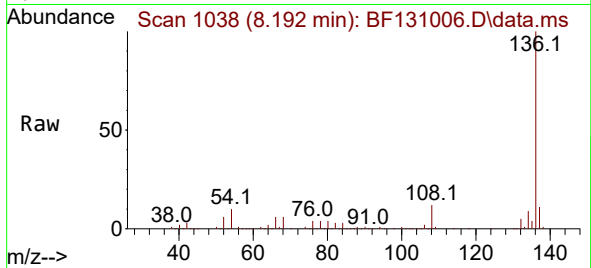




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

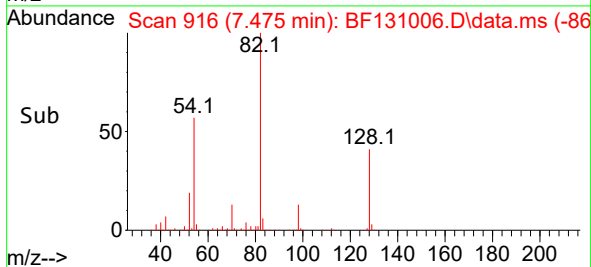
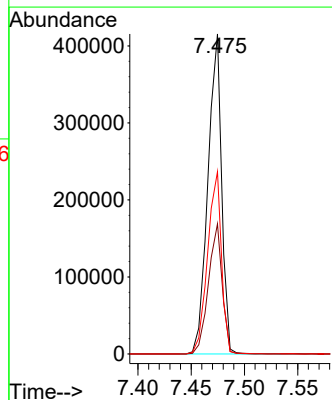
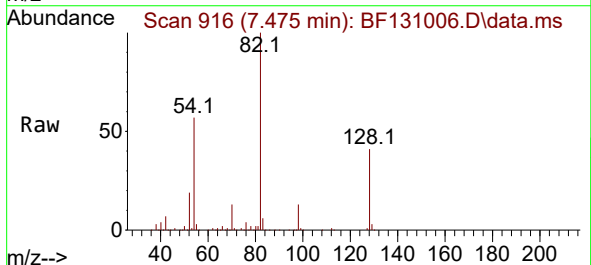
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

Tgt Ion:136 Resp: 271521
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.9 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 82.951 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion: 82 Resp: 373520
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 56.9 48.0 72.0

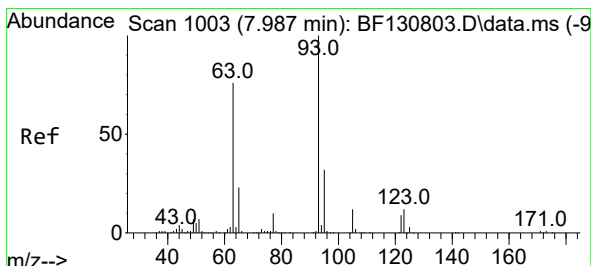
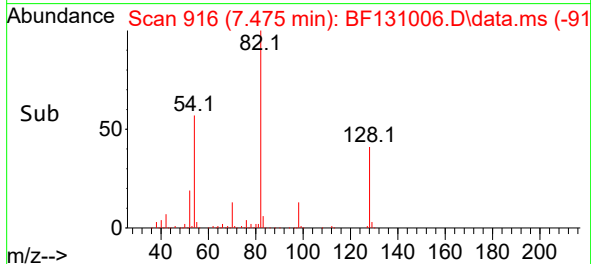
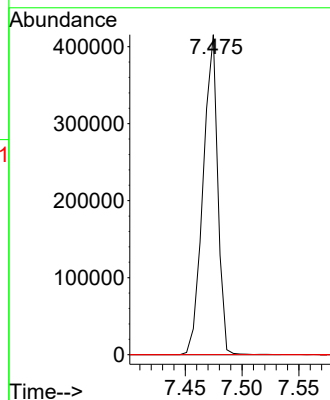
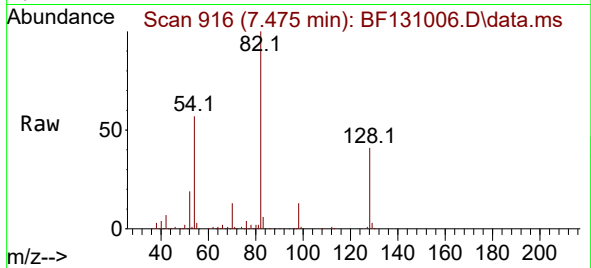




#25
Isophorone
Concen: 40.225 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

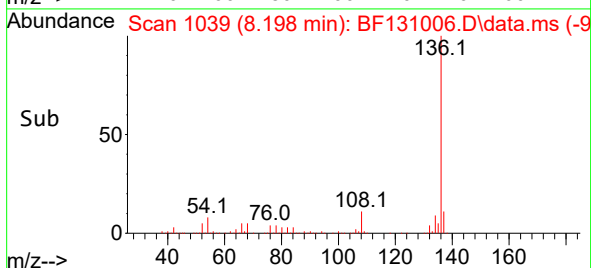
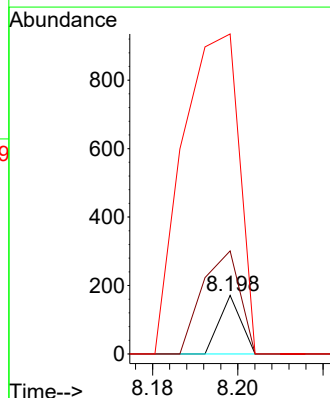
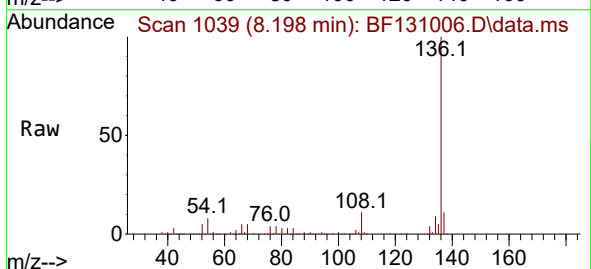
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BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

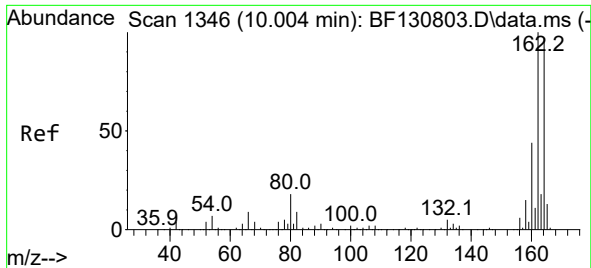
Tgt Ion: 82 Resp: 373516
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.698 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.235 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 176.0 114.5 154.5#
77 546.8 89.8 129.8#

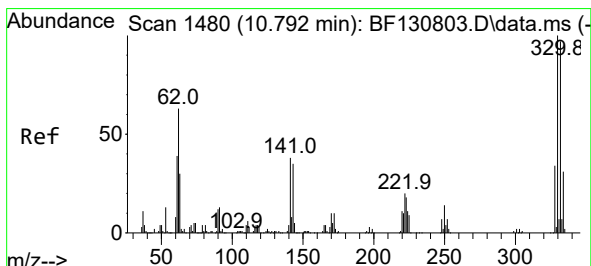
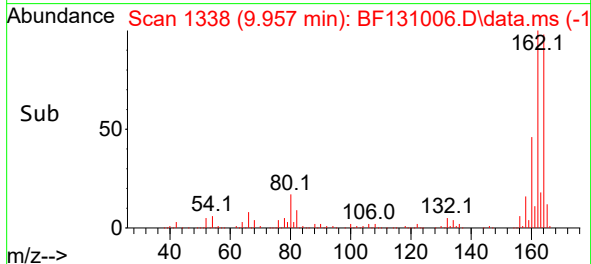
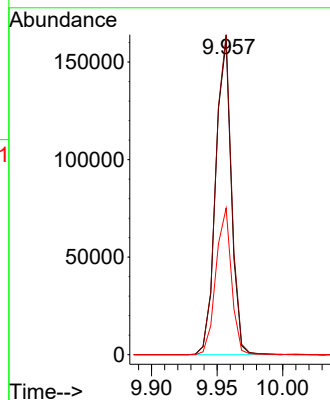
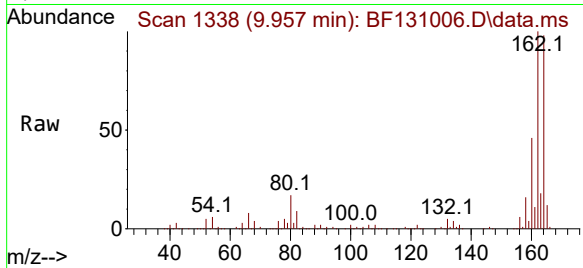




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

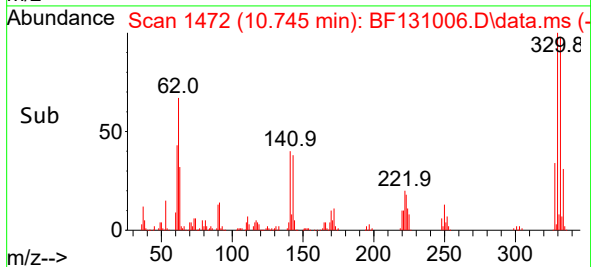
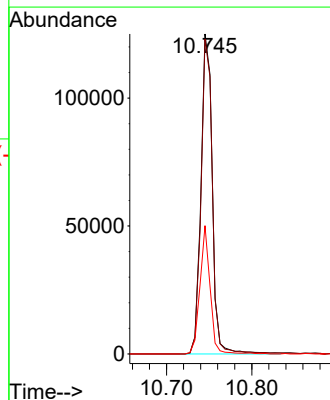
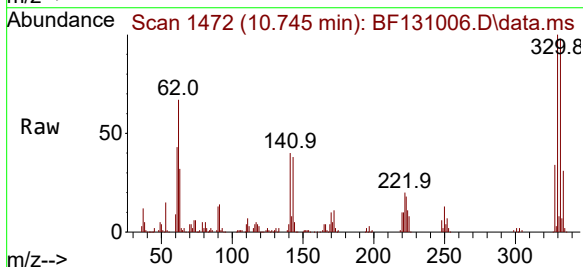
Instrument :
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ClientSampleId :
BIN 1-2-(2840)-COMP-2

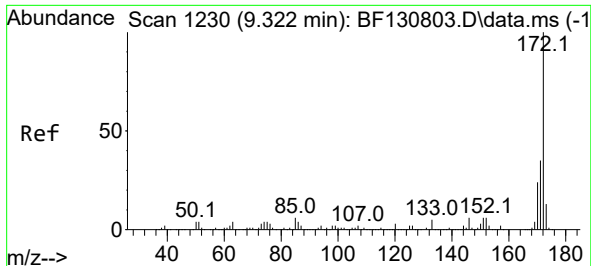
Tgt Ion:164 Resp: 133567
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 103.010 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:330 Resp: 115821
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 36.1 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 71.841 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131006.D

Acq: 04 Nov 2022 23:37

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-2

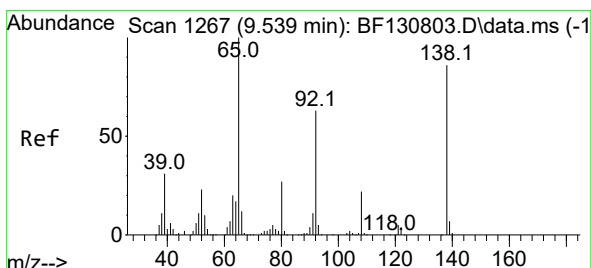
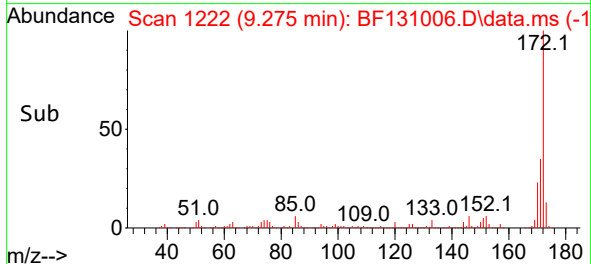
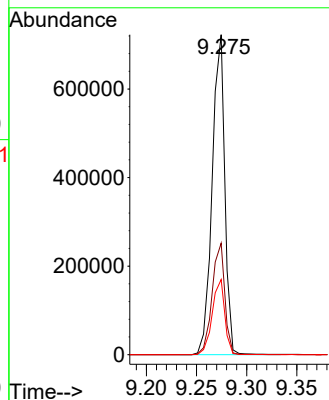
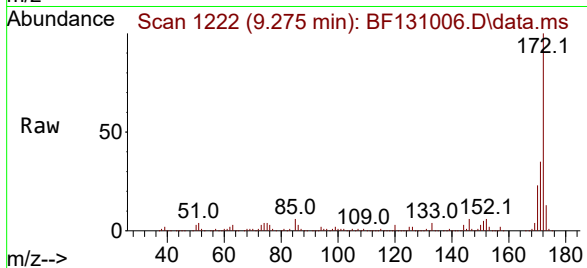
Tgt Ion:172 Resp: 634682

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 4.554 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.235 min

Lab File: BF131006.D

Acq: 04 Nov 2022 23:37

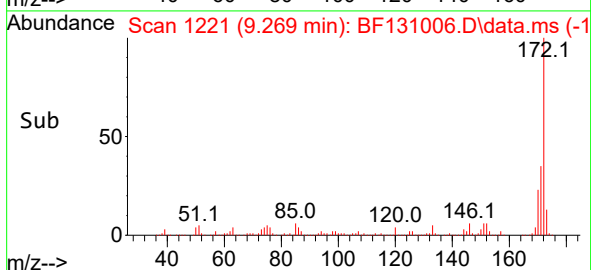
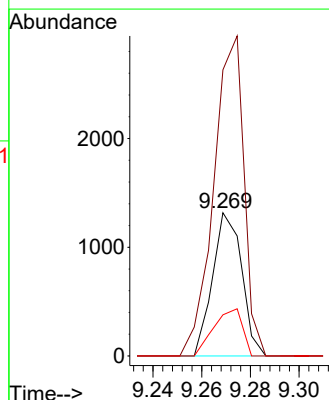
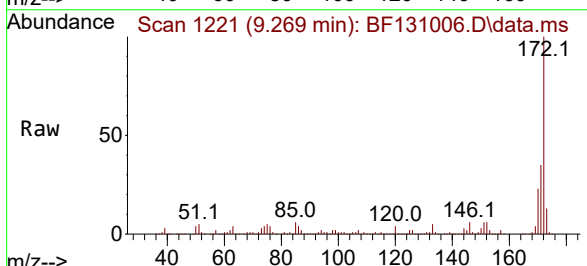
Tgt Ion: 65 Resp: 1094

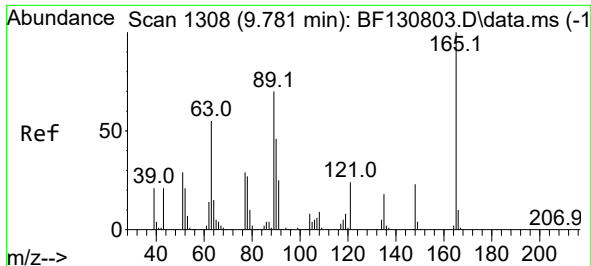
Ion Ratio Lower Upper

65 100

92 199.8 50.1 75.1#

138 28.7 69.2 103.8#

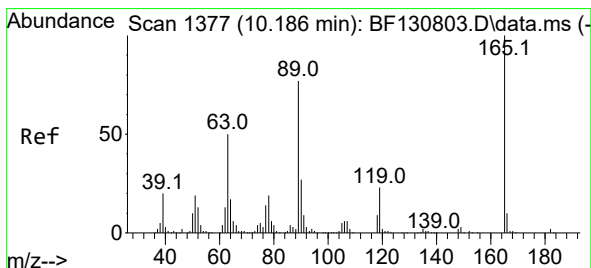
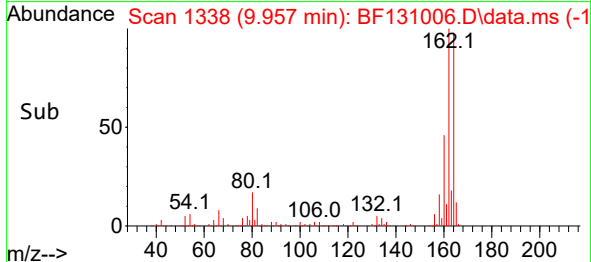
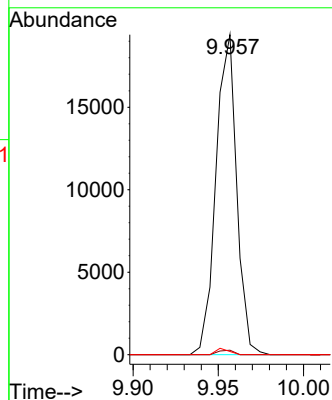
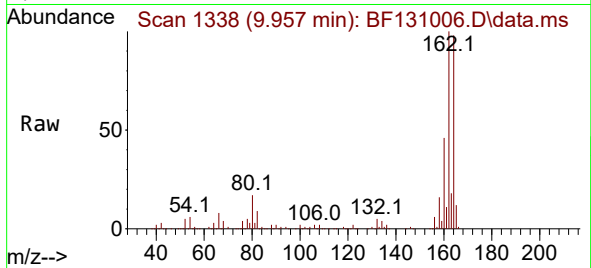




#51
2,6-Dinitrotoluene
Concen: 11.649 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

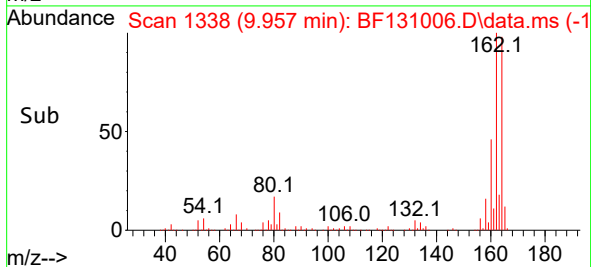
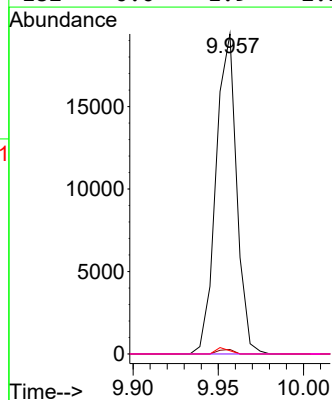
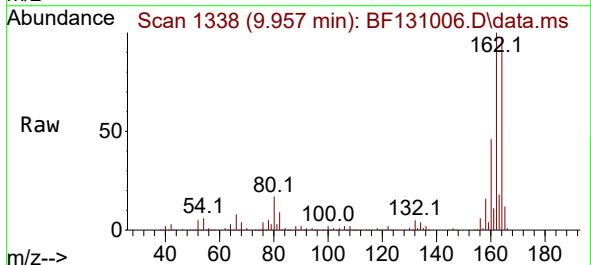
Instrument :
BNA_F
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BIN 1-2-(2840)-COMP-2

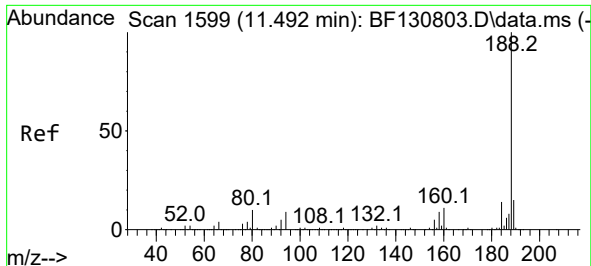
Tgt Ion:165 Resp: 16406
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.0 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.616 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:165 Resp: 16406
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.0 61.9 92.9#
182 0.0 1.9 2.9#

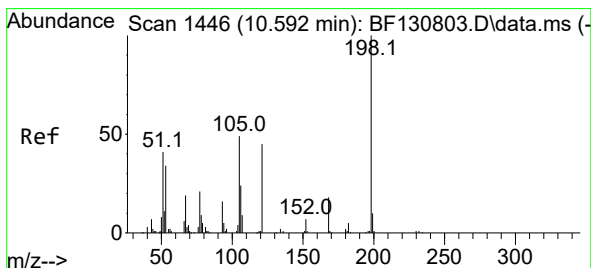
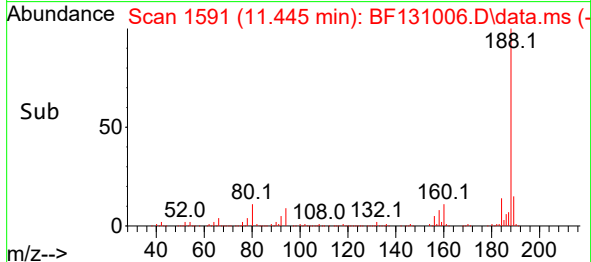
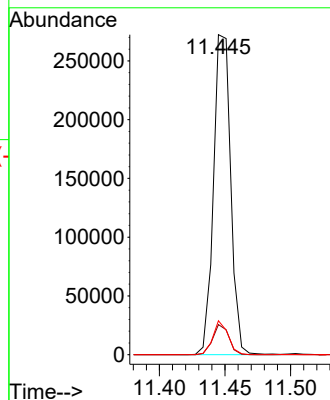
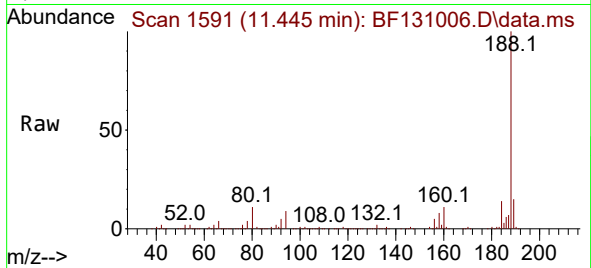




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

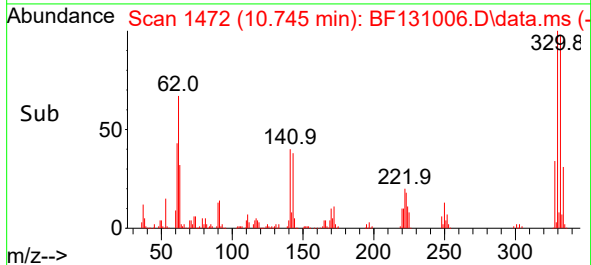
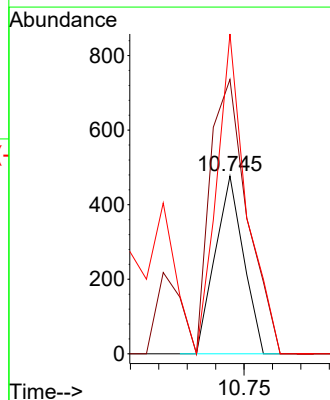
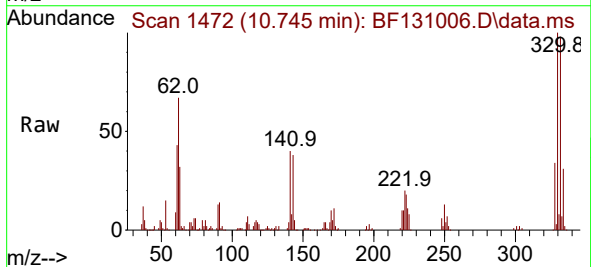
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

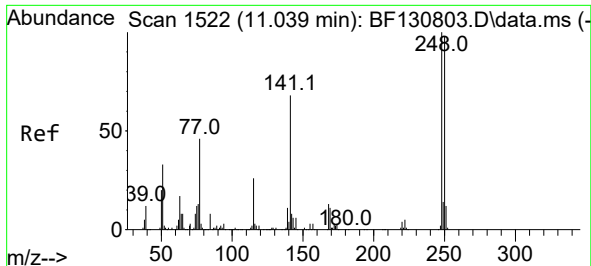
Tgt Ion:188 Resp: 248662
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.193 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.182 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:198 Resp: 330
Ion Ratio Lower Upper
198 100
51 154.3 39.0 79.0#
105 179.9 30.6 70.6#

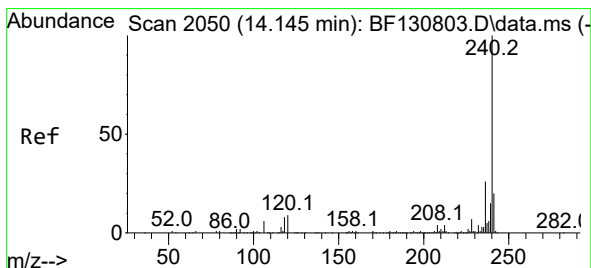
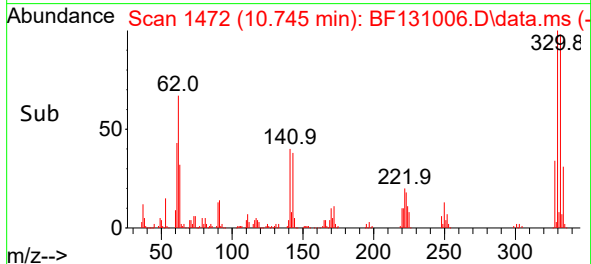
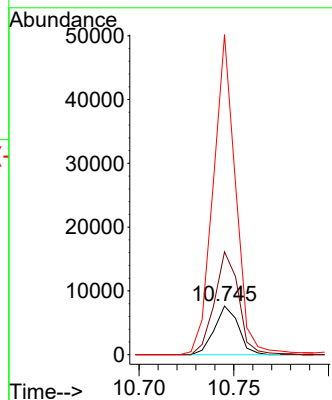
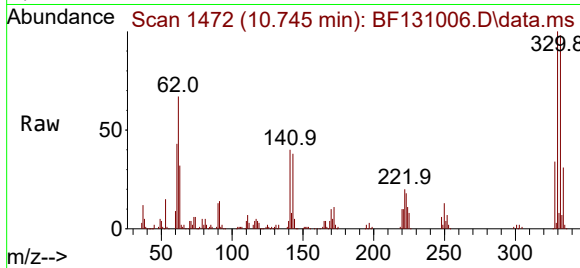




#67
4-Bromophenyl-phenylether
Concen: 2.682 ng
RT: 10.745 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

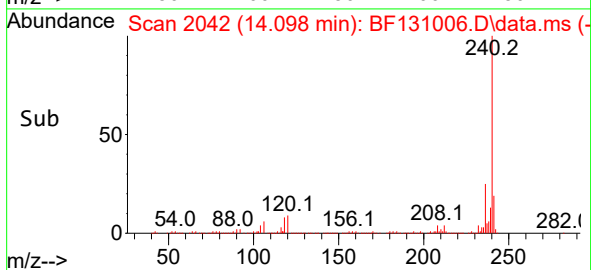
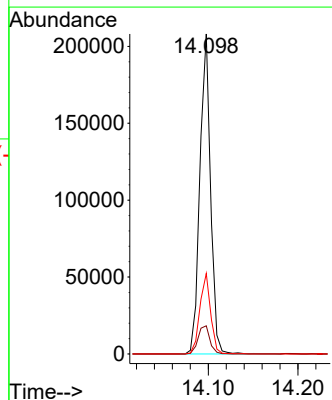
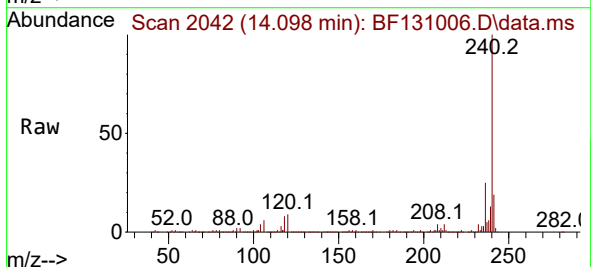
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

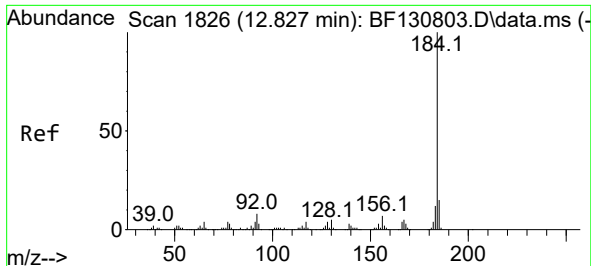
Tgt Ion:248 Resp: 6706
Ion Ratio Lower Upper
248 100
250 211.2 78.6 117.8#
141 657.1 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:240 Resp: 171615
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.2 20.5 30.7

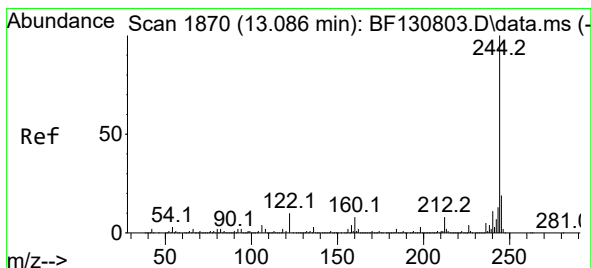
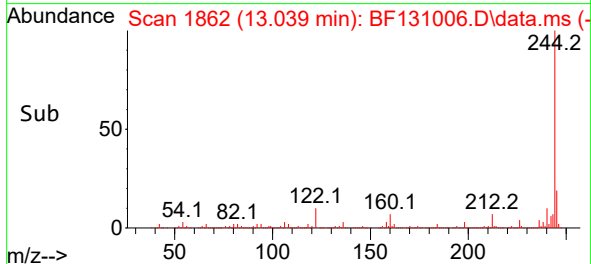
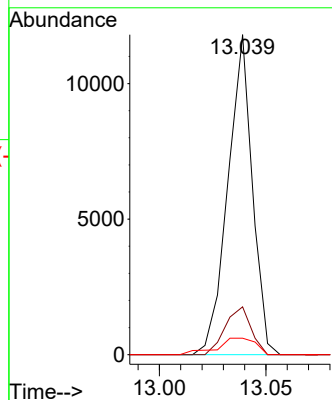
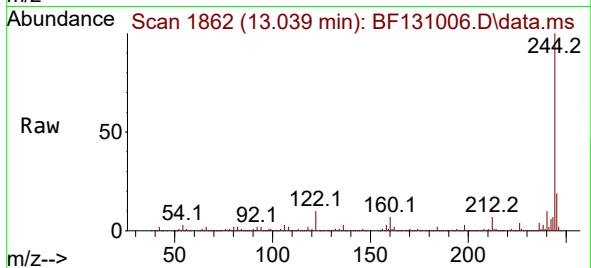




#77
Benzidine
Concen: 2.263 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

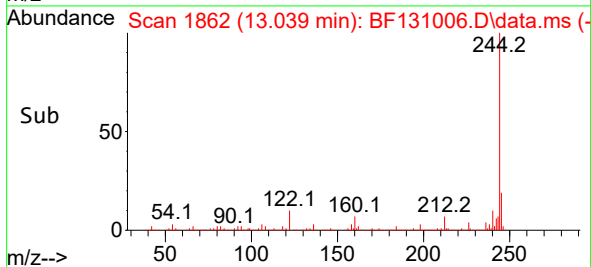
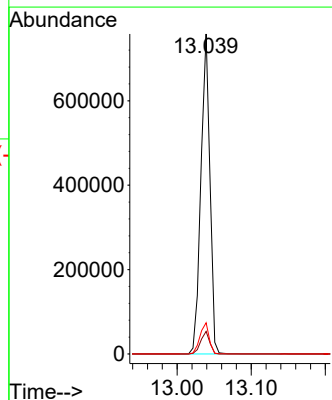
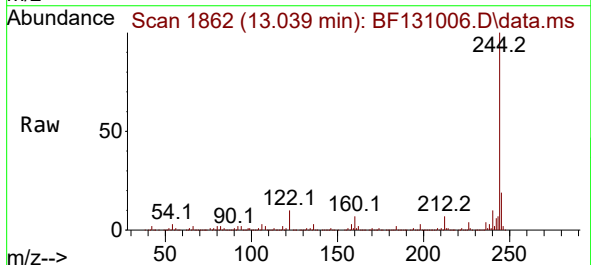
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

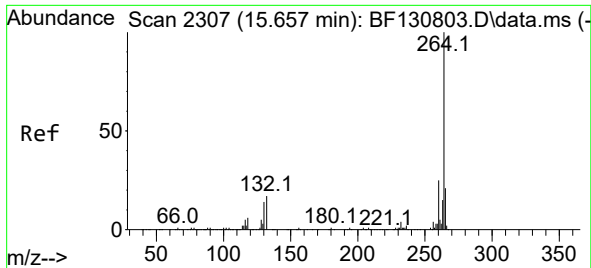
Tgt Ion:184 Resp: 9429
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 5.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 68.220 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

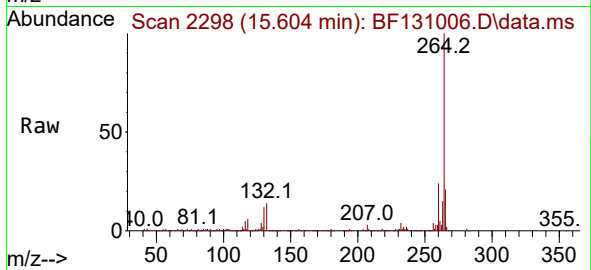
Tgt Ion:244 Resp: 638901
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 9.7 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2



Tgt Ion:264 Resp: 168692
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.3 17.0 25.6

