

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131008.D
 Acq On : 05 Nov 2022 00:42
 Operator : CG\JU
 Sample : N5406-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Nov 05 01:35:32 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)

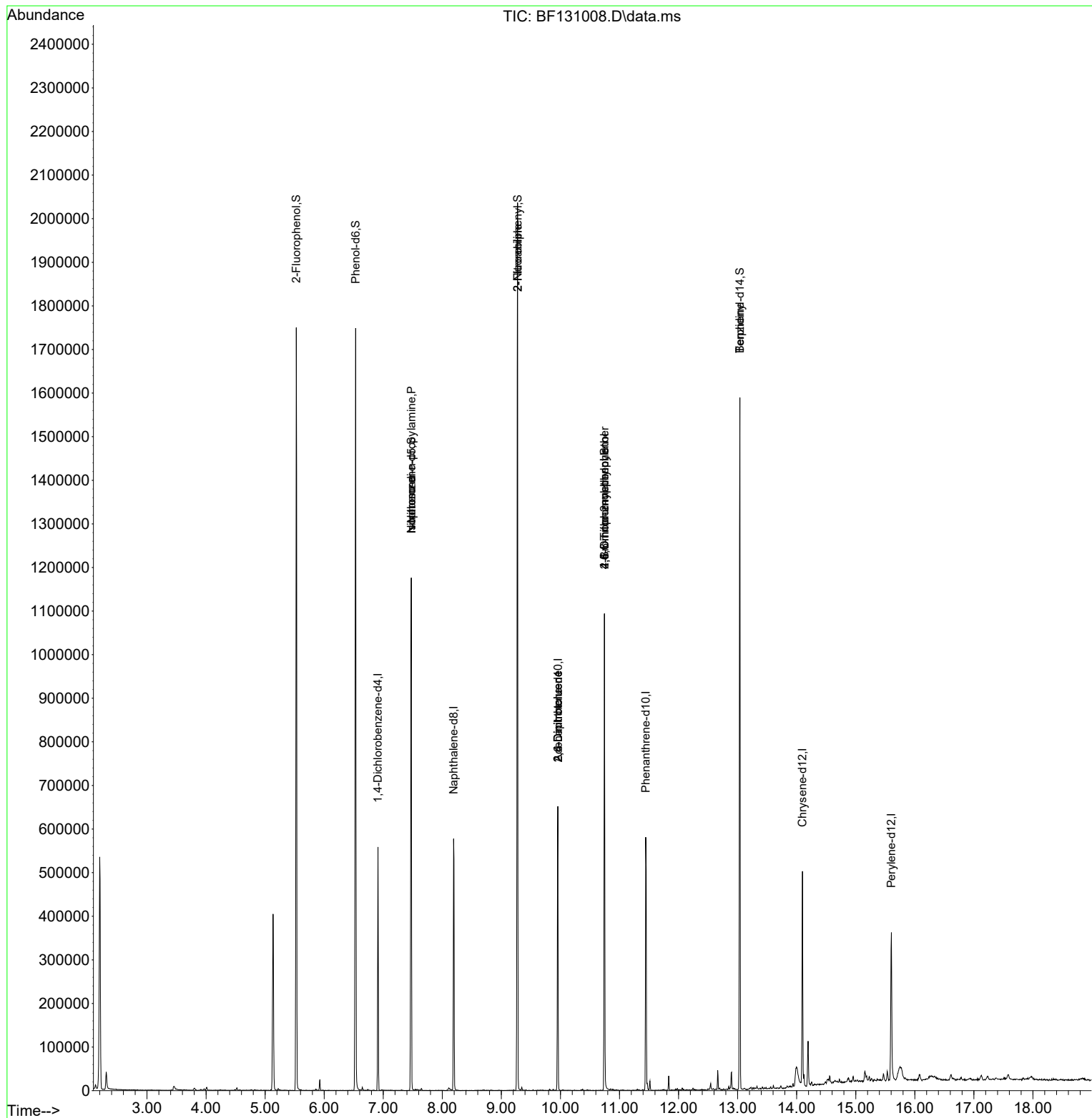
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	68406	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	253566	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	127216	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	208540	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	148751	20.000	ng	0.00
86) Perylene-d12	15.604	264	151251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	420197	106.490	ng	0.00
7) Phenol-d6	6.534	99	521895	101.781	ng	0.00
23) Nitrobenzene-d5	7.475	82	356170	84.698	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	110753	103.420	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	588935	69.991	ng	0.00
79) Terphenyl-d14	13.039	244	514802	63.418	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	49490	14.185	ng	# 77
25) Isophorone	7.475	82	356168	41.073	ng	# 66
48) 2-Nitroaniline	9.275	65	1090	4.573	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	15932	11.823	ng	# 13
57) 2,4-Dinitrotoluene	9.957	165	15932	10.751	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	260	8.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	7324	3.492	ng	# 1
77) Benzidine	13.039	184	7231	2.003	ng	97

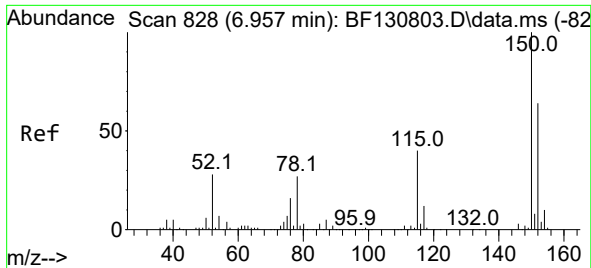
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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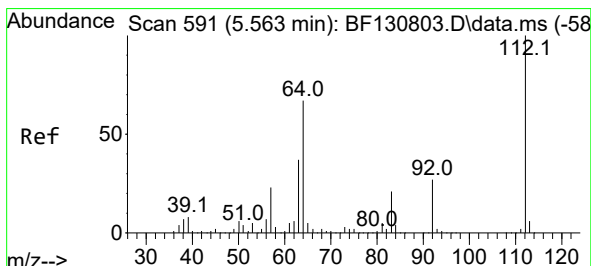
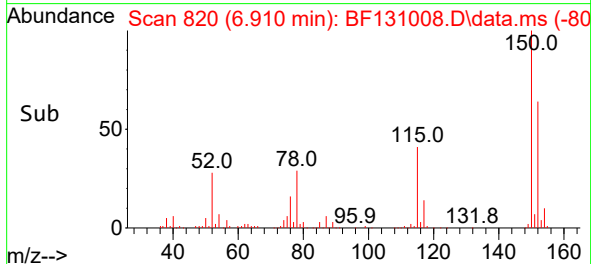
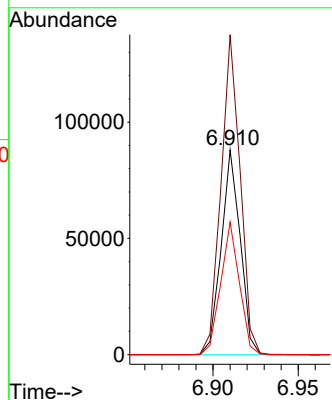
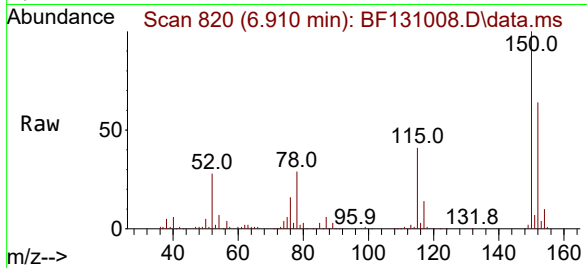




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

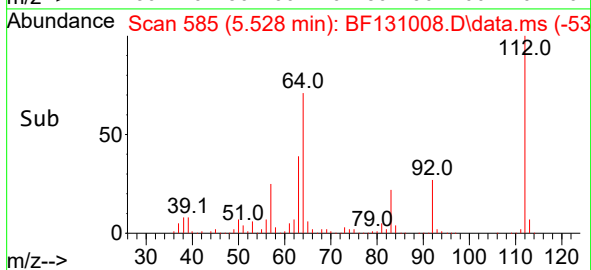
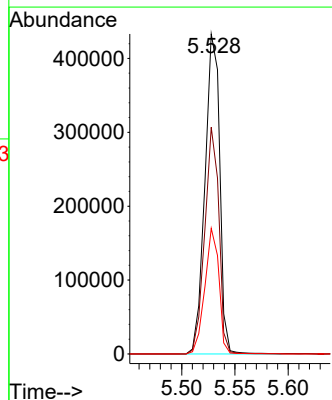
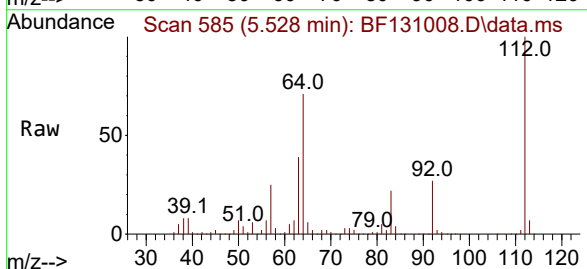
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

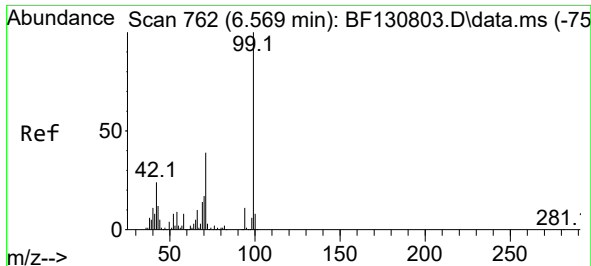
Tgt Ion:152 Resp: 68406
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 64.8 50.1 75.1



#5
2-Fluorophenol
Concen: 106.490 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion:112 Resp: 420197
Ion Ratio Lower Upper
112 100
64 70.8 53.9 80.9
63 39.2 29.4 44.2

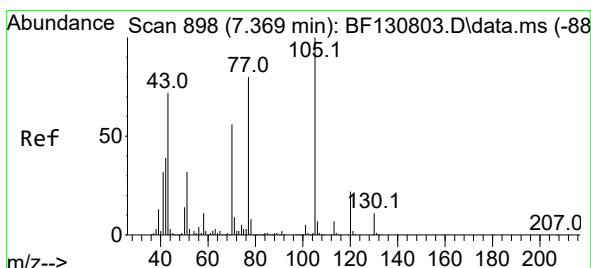
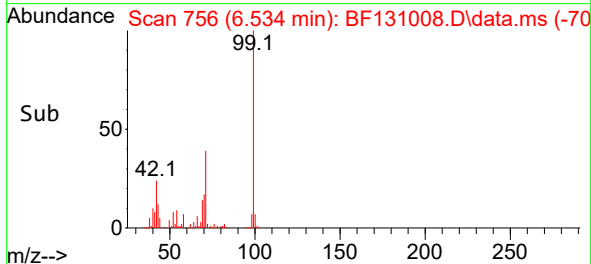
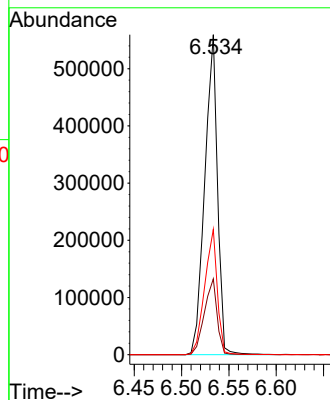
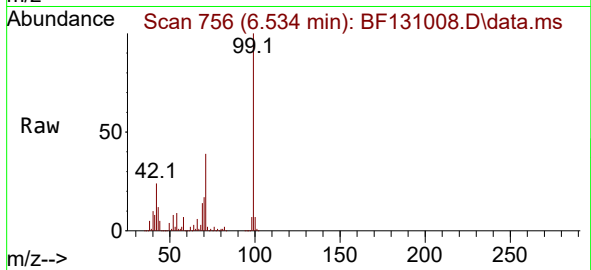




#7
Phenol-d6
Concen: 101.781 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

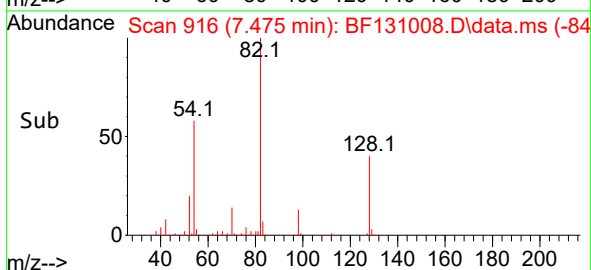
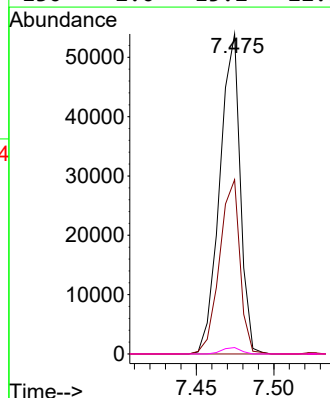
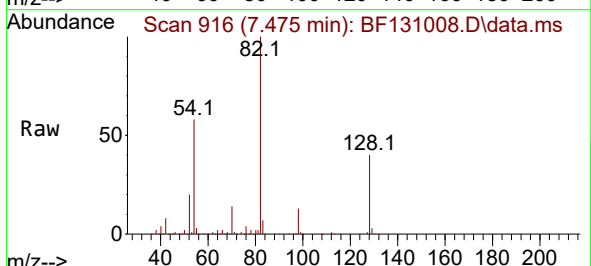
Instrument :
BNA_F
ClientSampleId :
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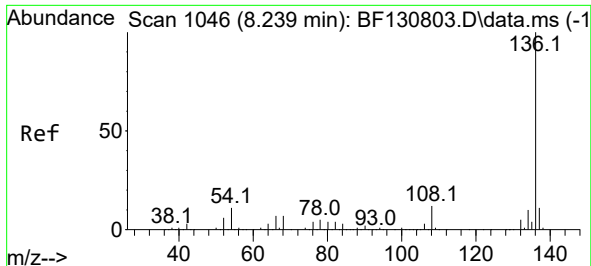
Tgt Ion: 99 Resp: 521895
Ion Ratio Lower Upper
99 100
42 23.7 18.8 28.2
71 39.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.185 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion: 70 Resp: 49490
Ion Ratio Lower Upper
70 100
42 54.4 56.1 84.1#
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

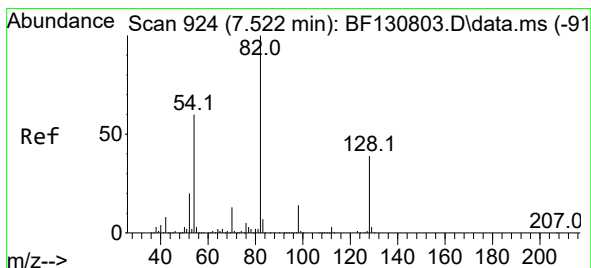
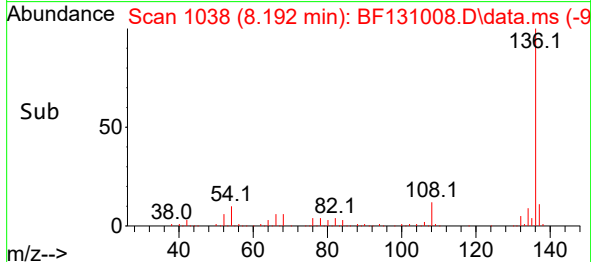
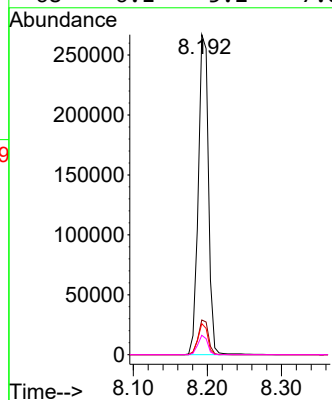
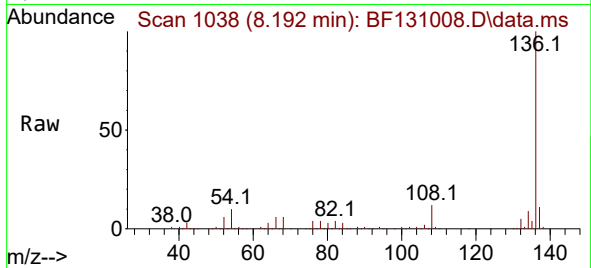




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

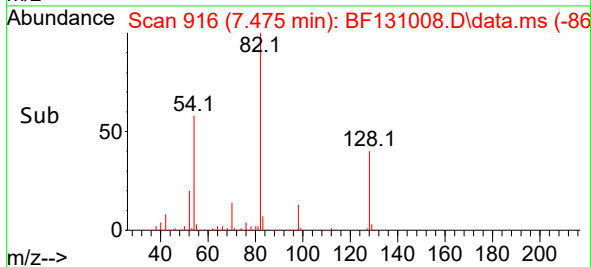
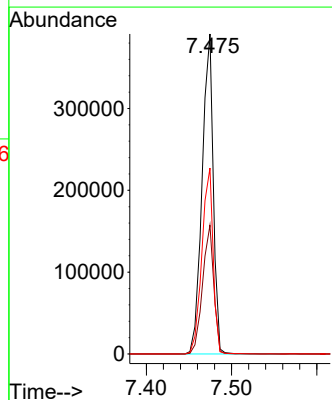
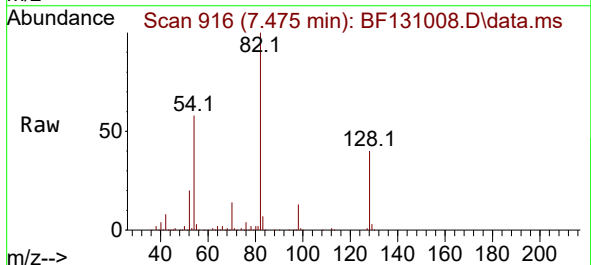
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

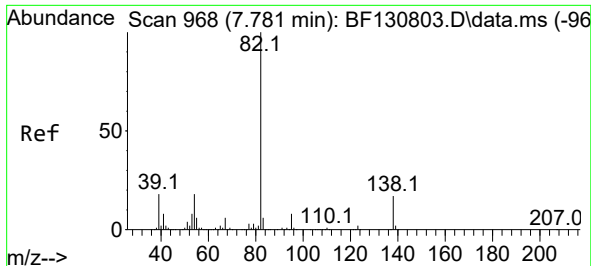
Tgt Ion:136 Resp: 253566
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.7 8.8 13.2
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 84.698 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion: 82 Resp: 356170
Ion Ratio Lower Upper
82 100
128 40.3 31.2 46.8
54 58.1 48.0 72.0

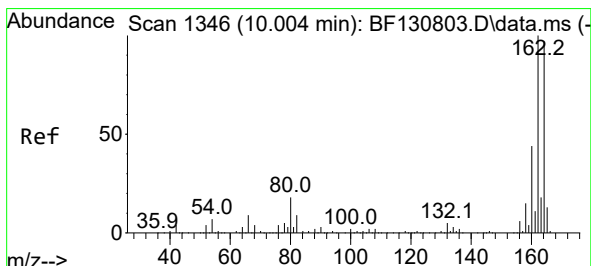
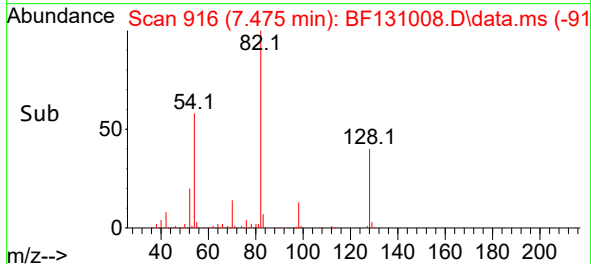
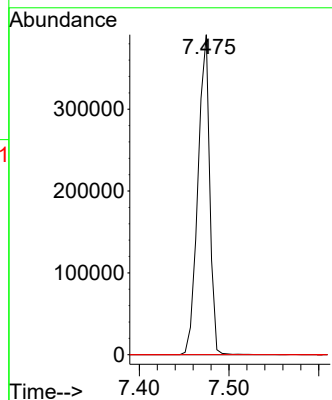
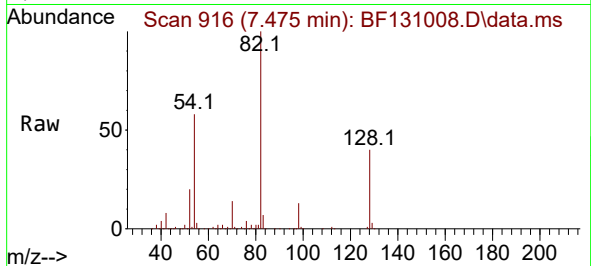




#25
Isophorone
Concen: 41.073 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

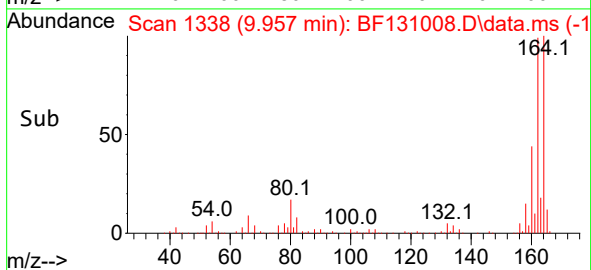
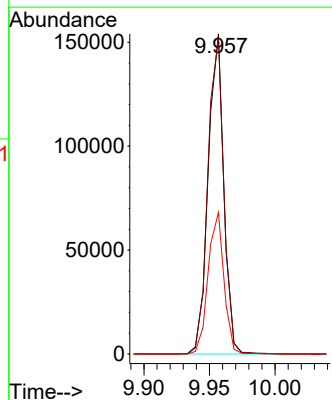
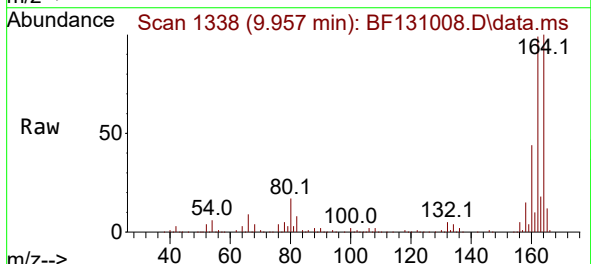
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

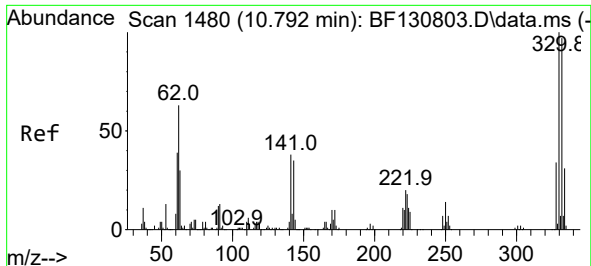
Tgt Ion: 82 Resp: 356168
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

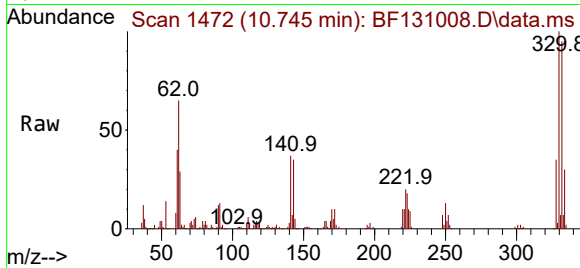
Tgt Ion: 164 Resp: 127216
Ion Ratio Lower Upper
164 100
162 98.6 82.2 123.2
160 44.2 36.6 54.8



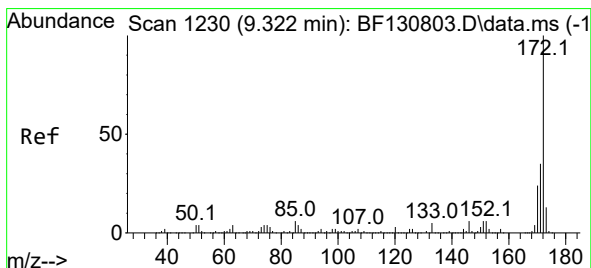
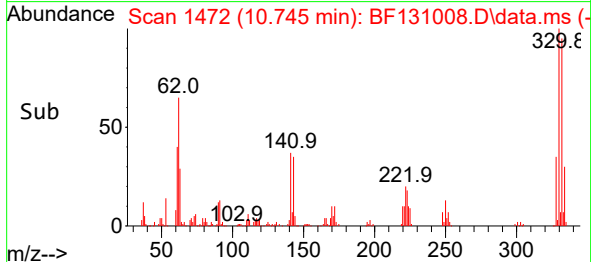
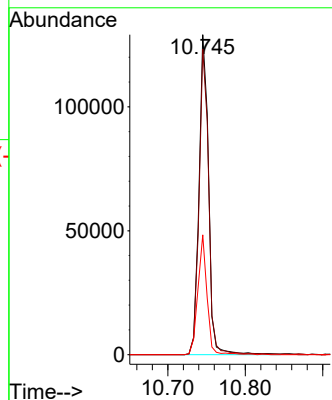


#42
 2,4,6-Tribromophenol
 Concen: 103.420 ng
 RT: 10.745 min Scan# 1472
 Delta R.T. -0.012 min
 Lab File: BF131008.D
 Acq: 05 Nov 2022 00:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

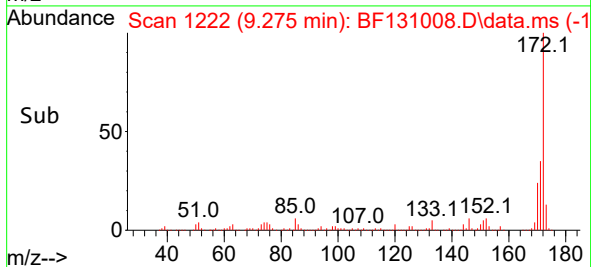
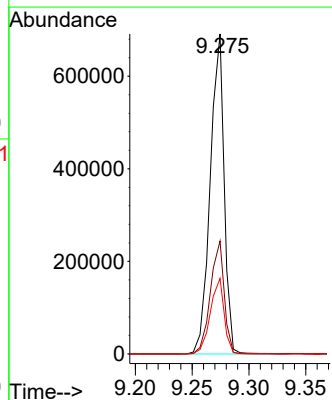
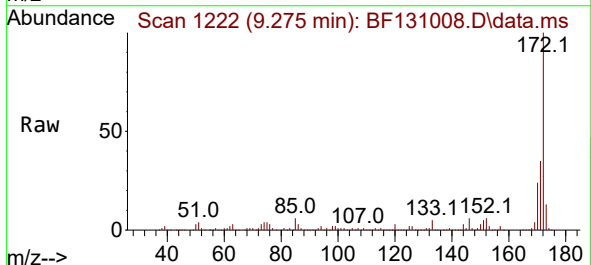


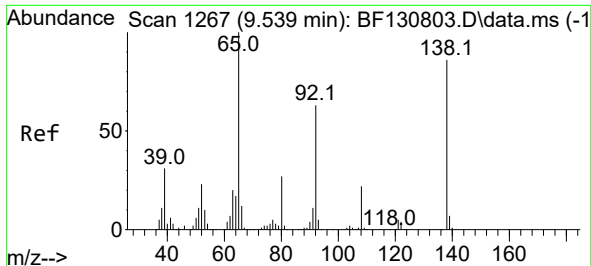
Tgt Ion:330 Resp: 110753
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 35.7 31.4 47.0



#45
 2-Fluorobiphenyl
 Concen: 69.991 ng
 RT: 9.275 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: BF131008.D
 Acq: 05 Nov 2022 00:42

Tgt Ion:172 Resp: 588935
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 23.6 19.0 28.4

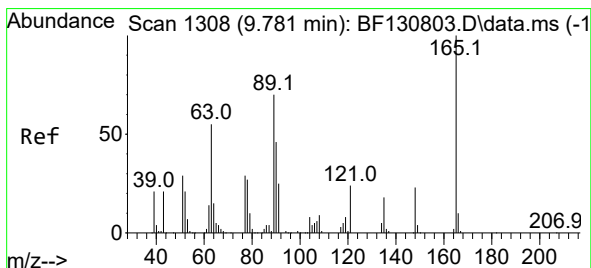
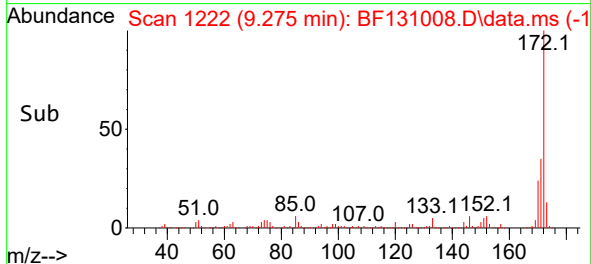
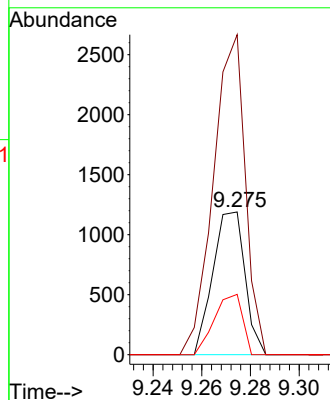
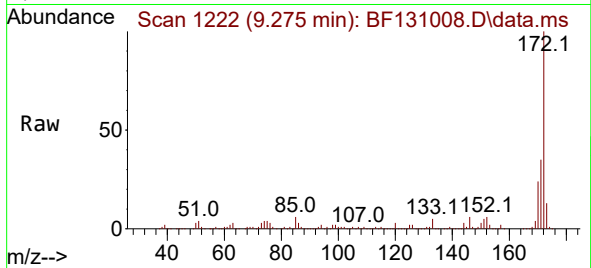




#48
2-Nitroaniline
Concen: 4.573 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

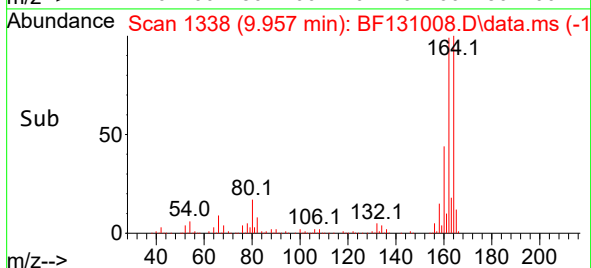
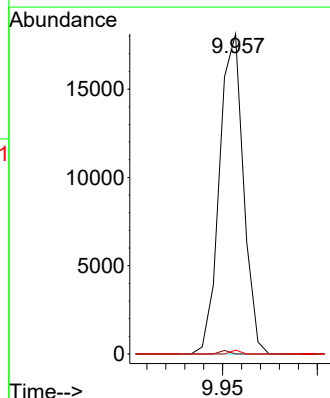
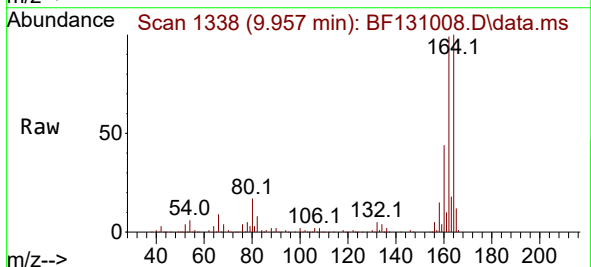
Instrument :
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ClientSampleId :
SB-02-COMP

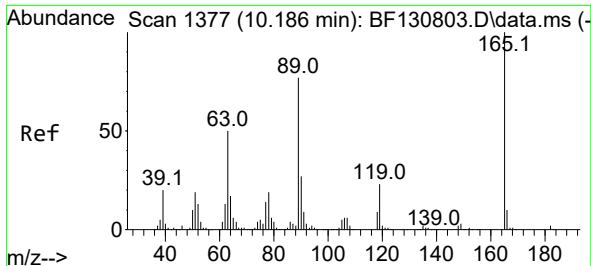
Tgt Ion: 65 Resp: 1090
Ion Ratio Lower Upper
65 100
92 224.2 50.1 75.1#
138 42.2 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.823 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion: 165 Resp: 15932
Ion Ratio Lower Upper
165 100
63 0.0 61.8 92.8#
89 1.2 56.2 84.4#

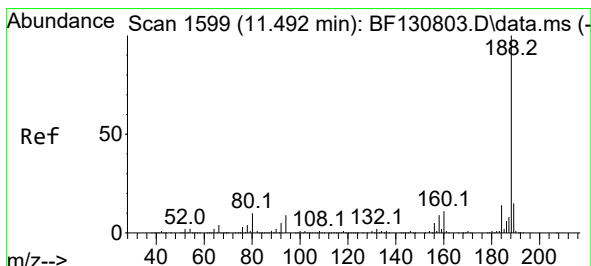
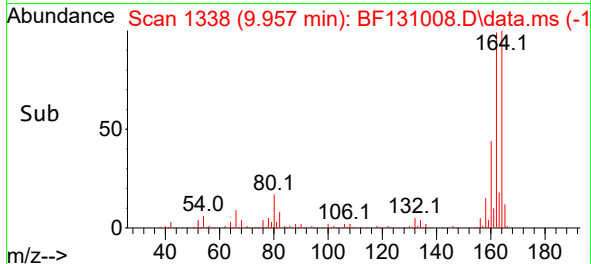
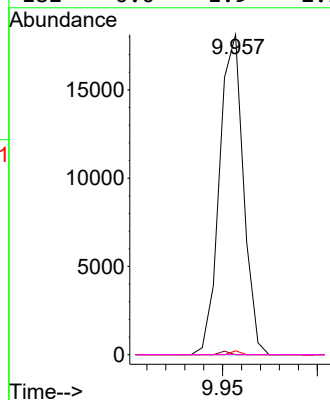
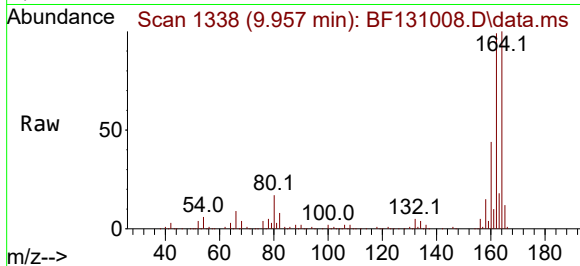




#57
2,4-Dinitrotoluene
Concen: 10.751 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

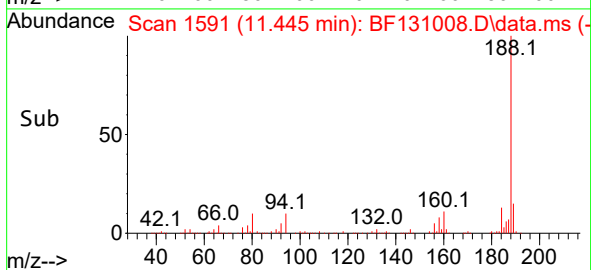
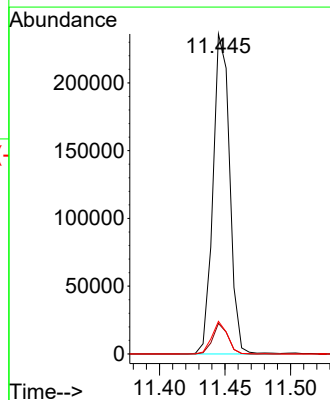
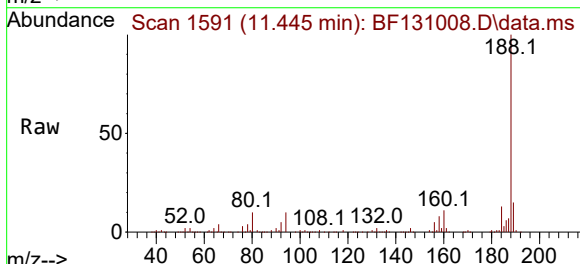
Instrument :
BNA_F
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SB-02-COMP

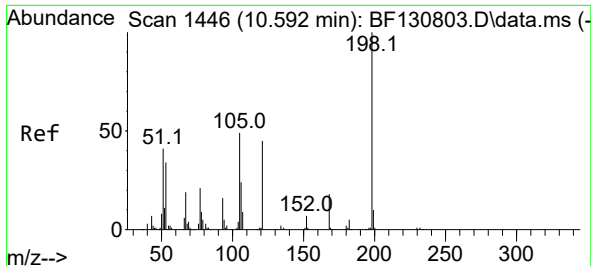
Tgt Ion:165 Resp: 15932
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.2 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion:188 Resp: 208540
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.0 12.0

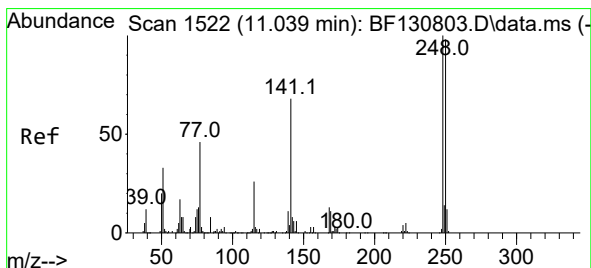
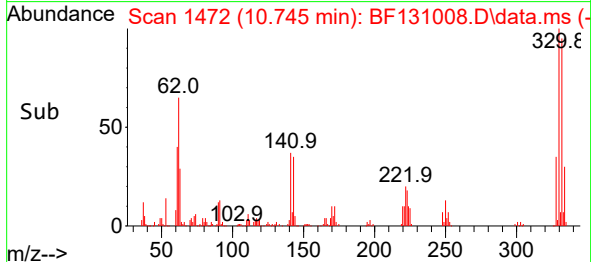
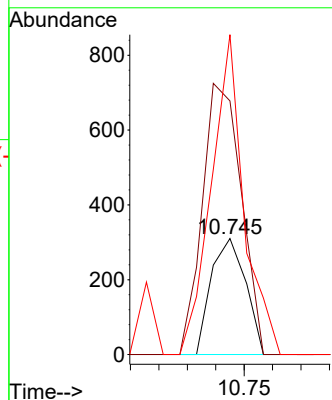
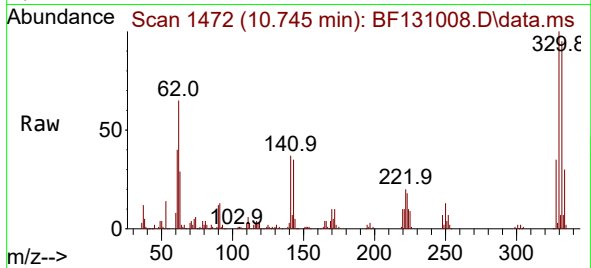




#65
4,6-Dinitro-2-methylphenol
Concen: 8.177 ng
RT: 10.745 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

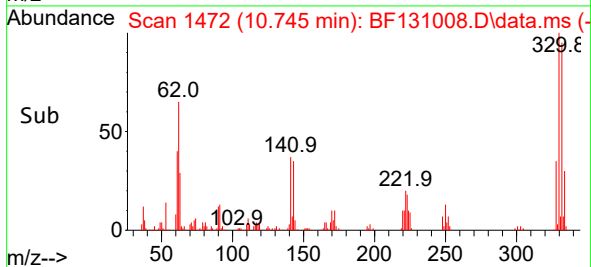
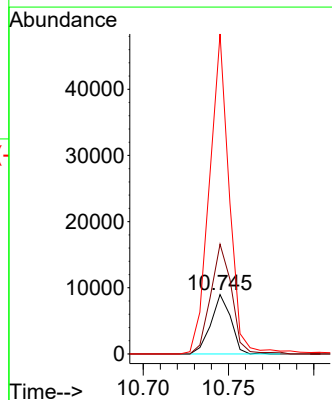
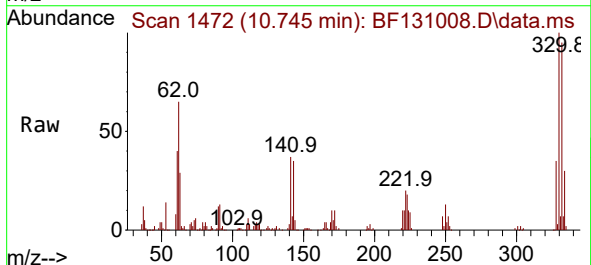
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

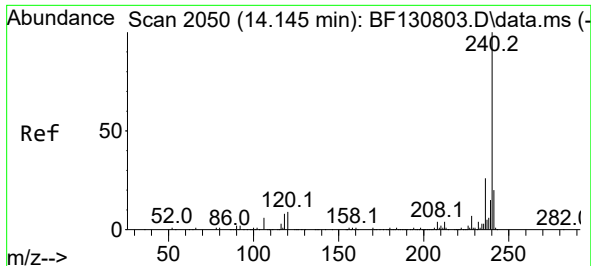
Tgt Ion:198 Resp: 260
Ion Ratio Lower Upper
198 100
51 218.7 39.0 79.0#
105 275.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.492 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion:248 Resp: 7324
Ion Ratio Lower Upper
248 100
250 185.0 78.6 117.8#
141 539.3 54.2 81.4#

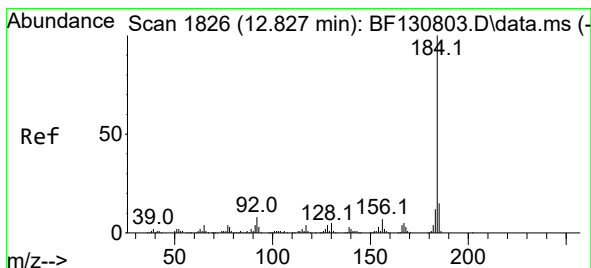
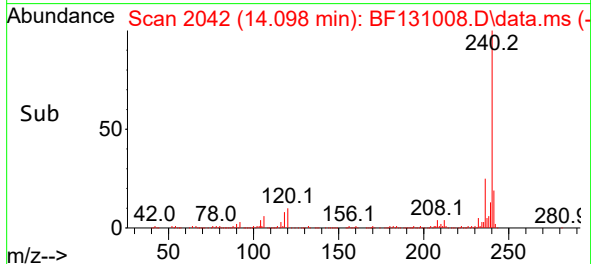
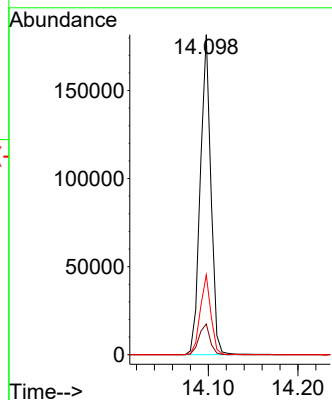
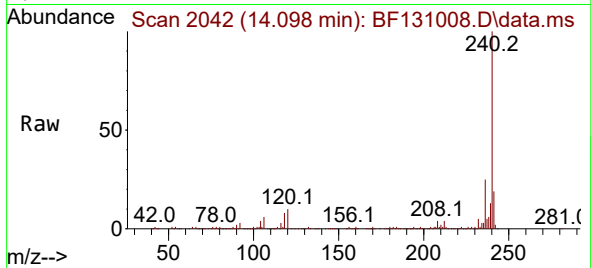




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

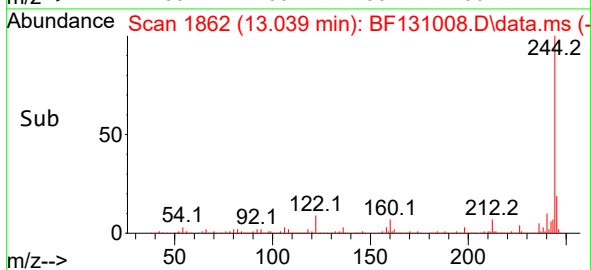
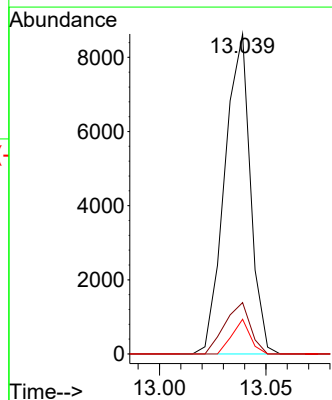
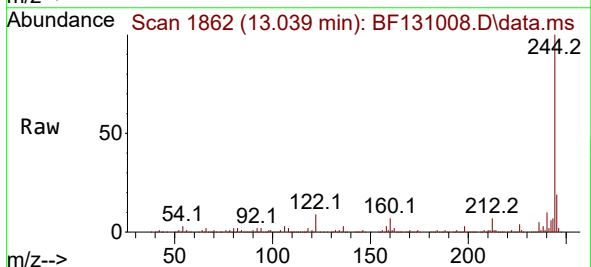
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

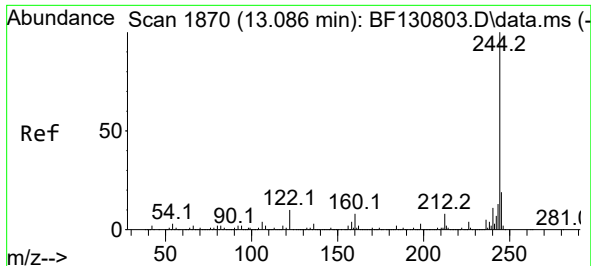
Tgt Ion:240 Resp: 148751
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.003 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131008.D
Acq: 05 Nov 2022 00:42

Tgt Ion:184 Resp: 7231
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 10.9 9.7 14.5

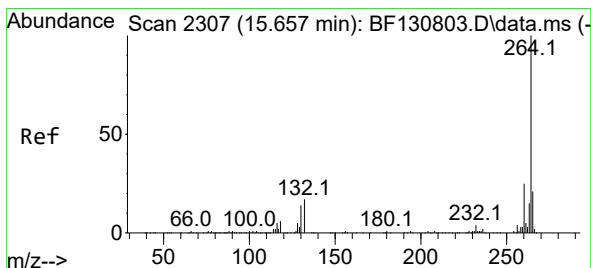
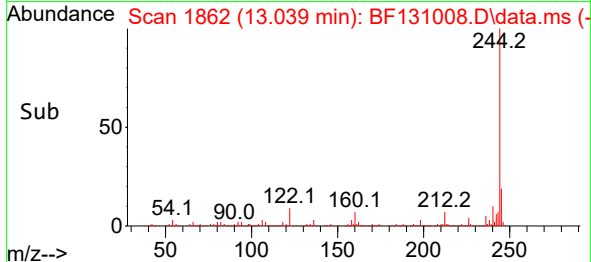
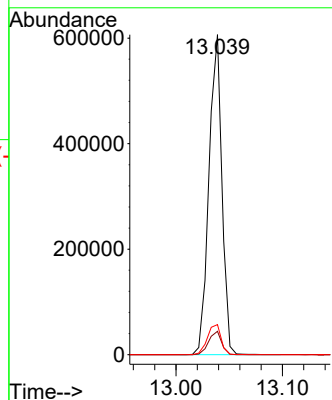
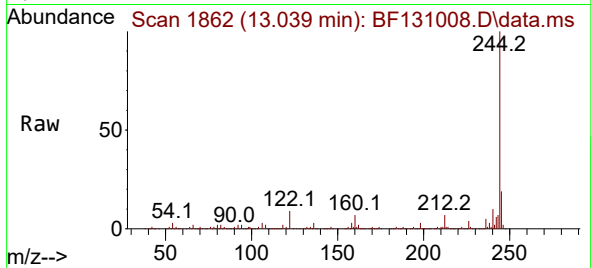




#79
 Terphenyl-d14
 Concen: 63.418 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131008.D
 Acq: 05 Nov 2022 00:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:244 Resp: 514802
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131008.D
 Acq: 05 Nov 2022 00:42

Tgt Ion:264 Resp: 151251
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 22.1 17.0 25.6

