

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130930.D
 Acq On : 02 Nov 2022 14:44
 Operator : CG\JU
 Sample : N5310-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-4

Quant Time: Nov 03 03:42:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

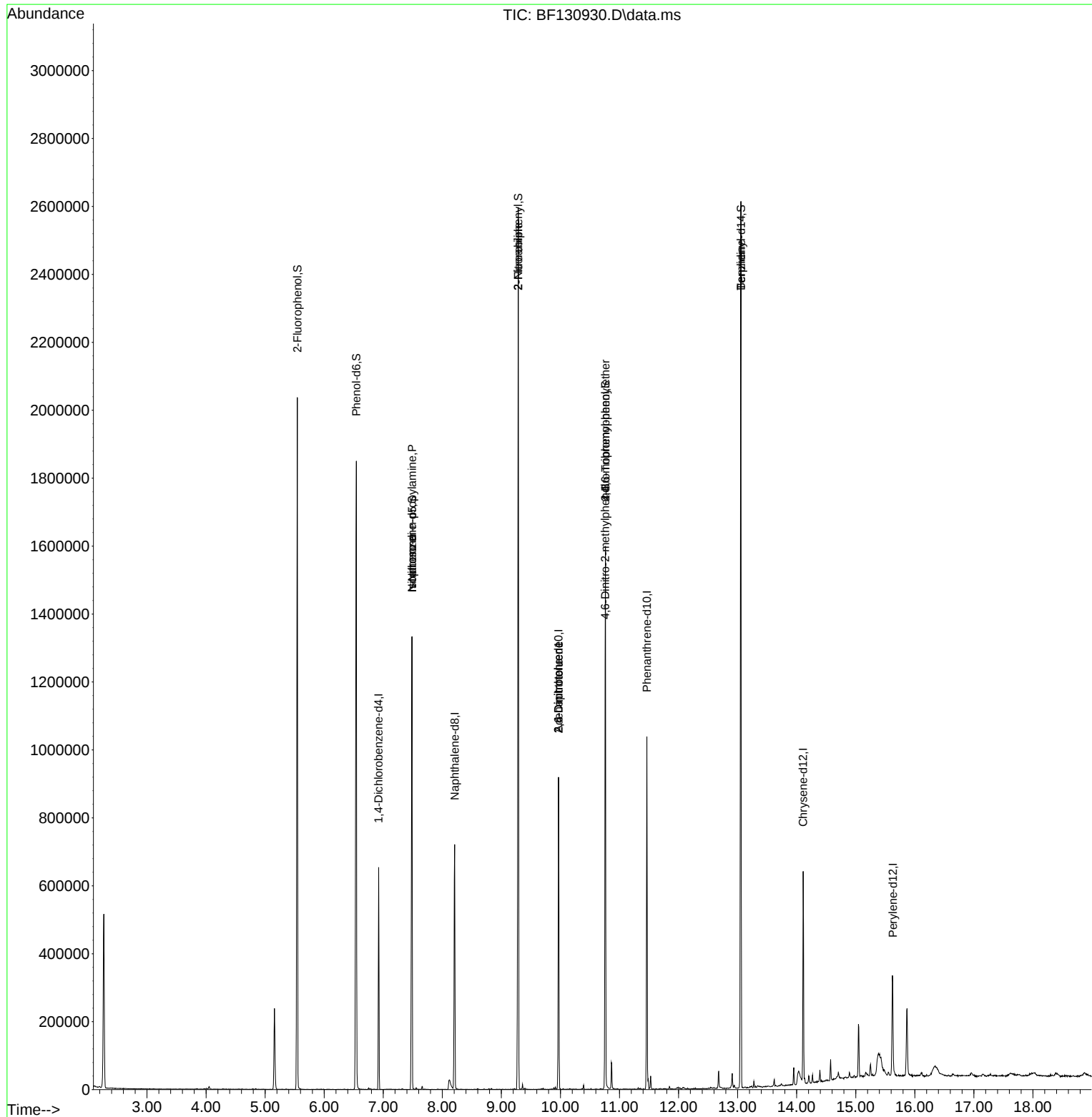
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	79442	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	313520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	175950	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	326979	20.000	ng	0.00
76) Chrysene-d12	14.110	240	193266	20.000	ng	-0.01
86) Perylene-d12	15.627	264	135232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	472248	103.056	ng	0.00
7) Phenol-d6	6.545	99	605035	101.603	ng	0.00
23) Nitrobenzene-d5	7.486	82	414928	79.802	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	168134	113.516	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	767385	65.939	ng	0.00
79) Terphenyl-d14	13.057	244	833444	79.023	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	58168	14.357	ng	# 78
25) Isophorone	7.486	82	414788	38.686	ng	# 66
48) 2-Nitroaniline	9.286	65	1647	4.612	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	22407	11.975	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	22407	10.870	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.757	198	408	8.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	10987	3.341	ng	# 1
77) Benzidine	13.057	184	12876	2.745	ng	# 93

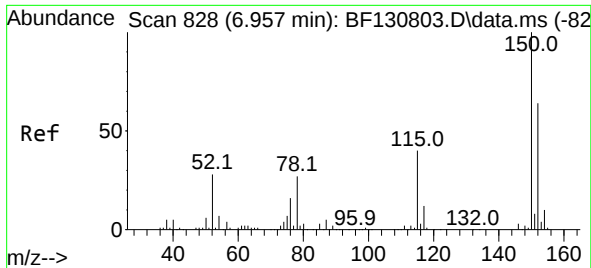
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
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Misc :
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Instrument :
BNA_F
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BIN 1-2-(2840)-COMP-4

Quant Time: Nov 03 03:42:21 2022
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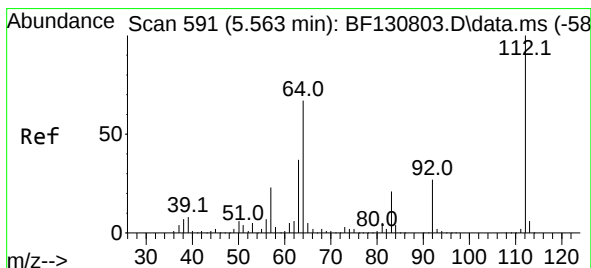
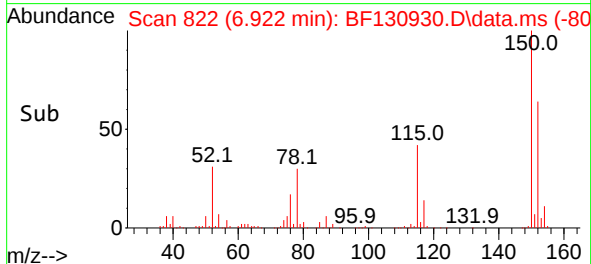
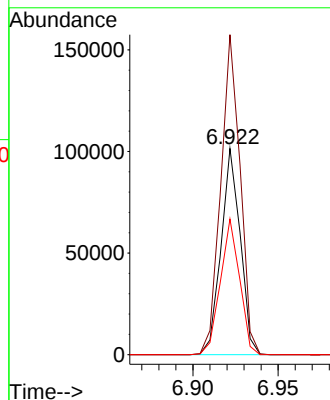
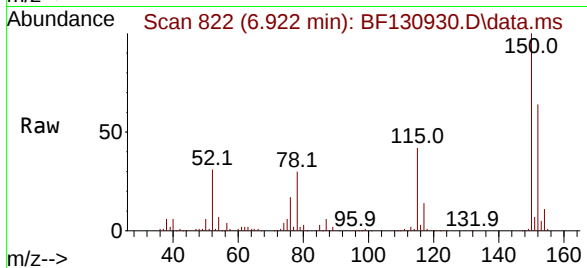




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

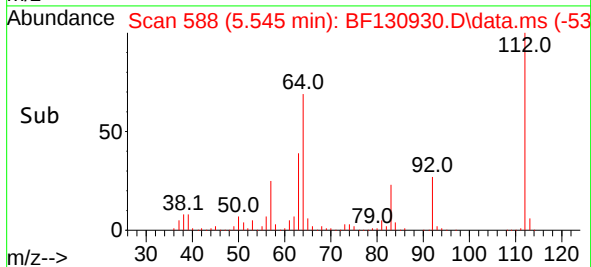
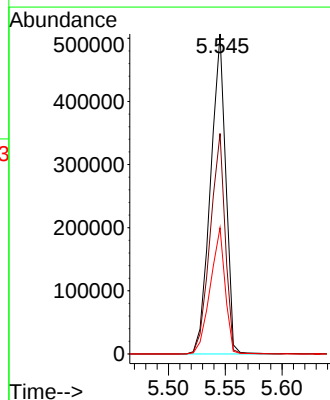
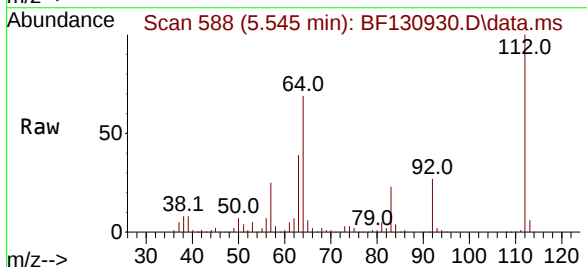
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

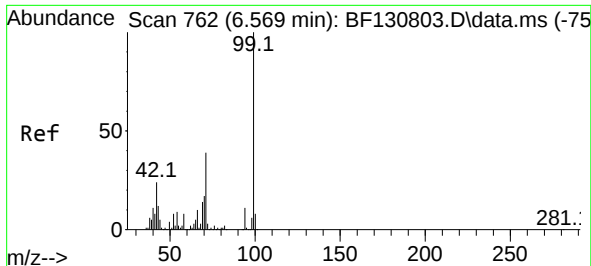
Tgt Ion:152 Resp: 79442
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 65.8 50.1 75.1



#5
2-Fluorophenol
Concen: 103.056 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:112 Resp: 472248
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 39.4 29.4 44.2

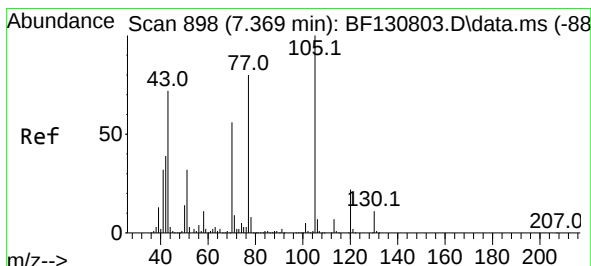
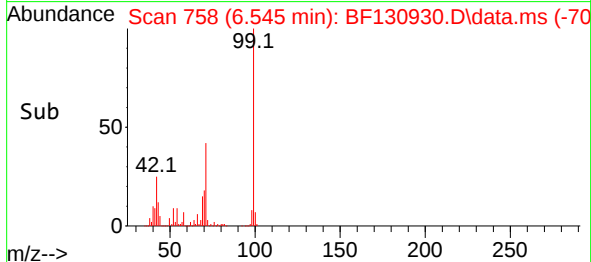
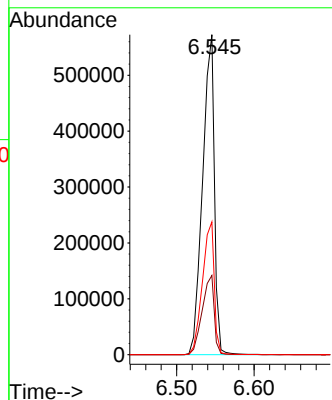
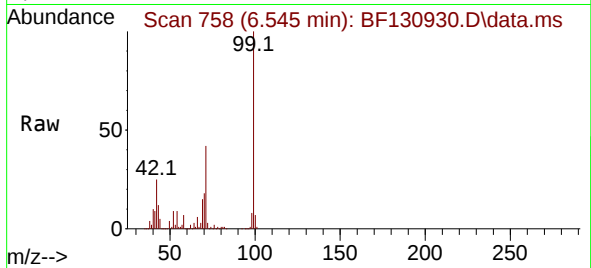




#7
Phenol-d6
Concen: 101.603 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

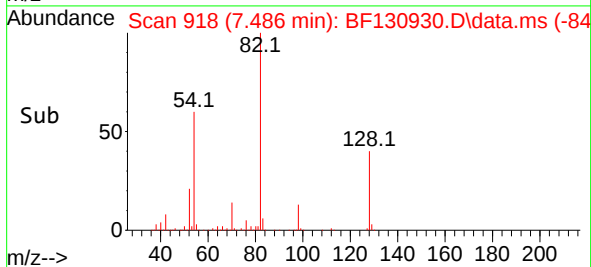
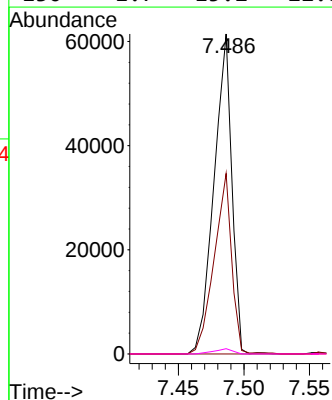
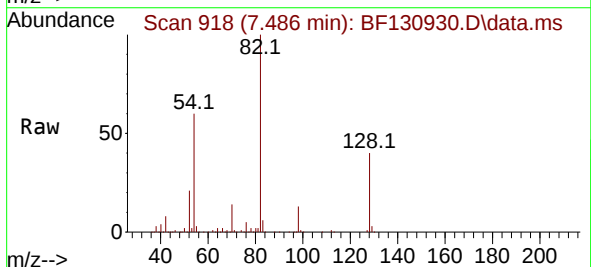
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

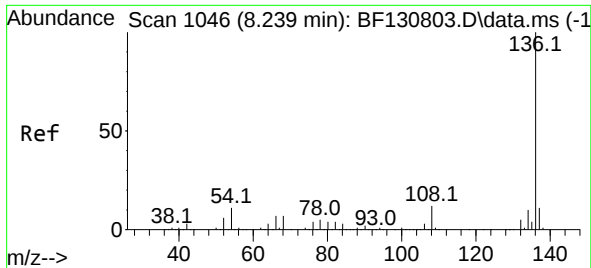
Tgt Ion: 99 Resp: 605035
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 41.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.357 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion: 70 Resp: 58168
Ion Ratio Lower Upper
70 100
42 56.4 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

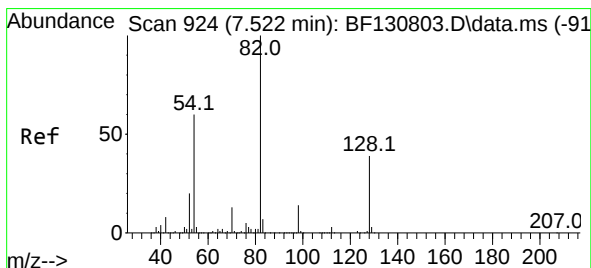
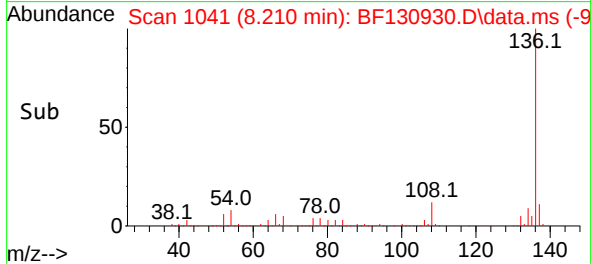
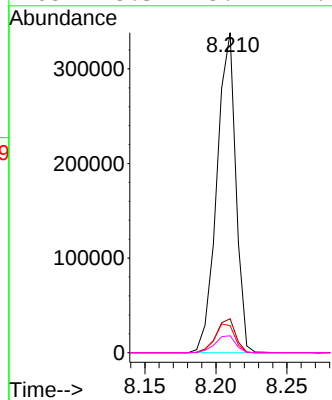
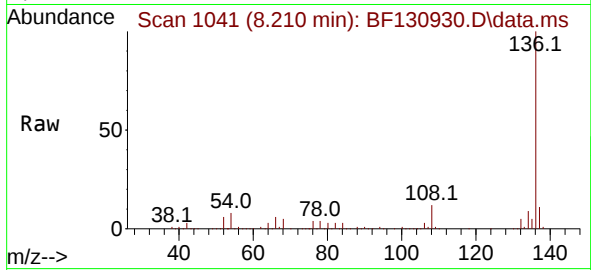




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

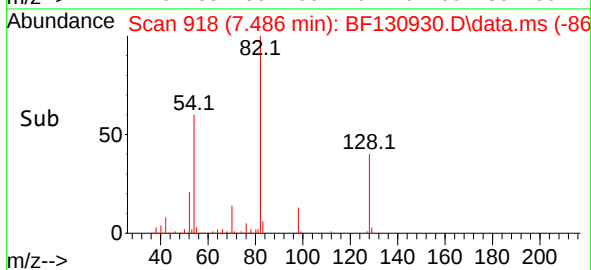
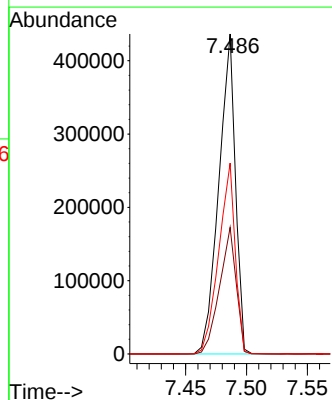
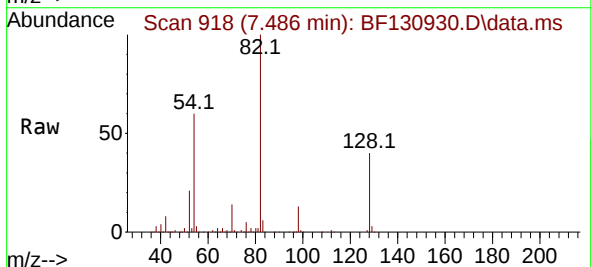
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

Tgt Ion:136	Resp:	313520
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	8.5	8.8 13.2#
68	5.3	5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.802 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion: 82	Resp:	414928
Ion Ratio	Lower	Upper
82	100	
128	39.6	31.2 46.8
54	59.7	48.0 72.0

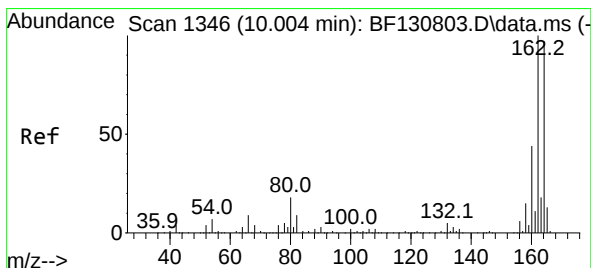
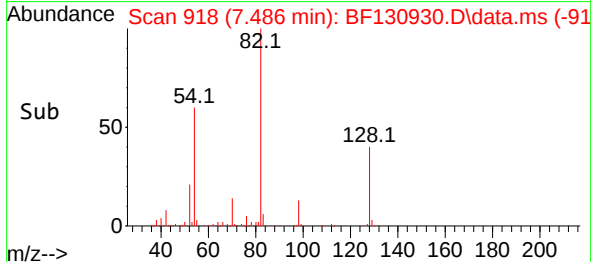
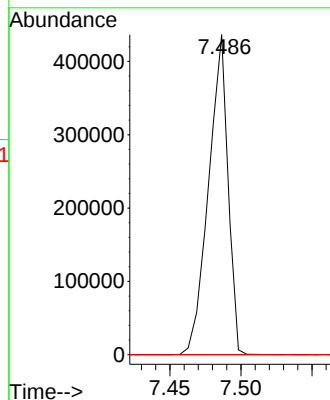
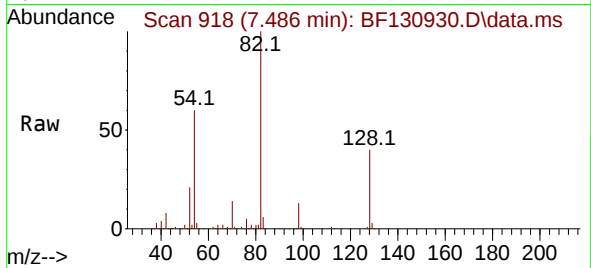




#25
Isophorone
Concen: 38.686 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

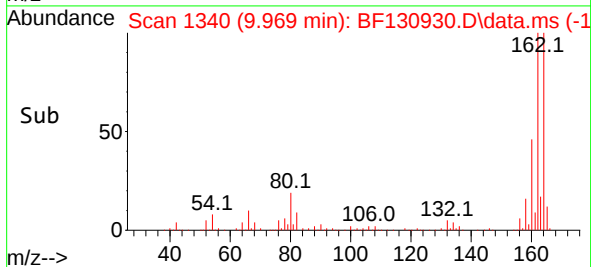
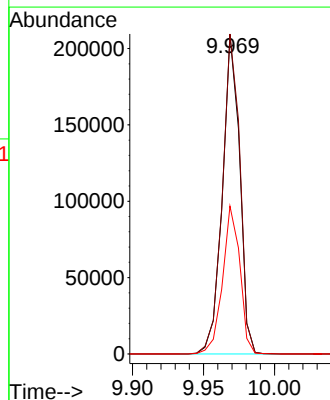
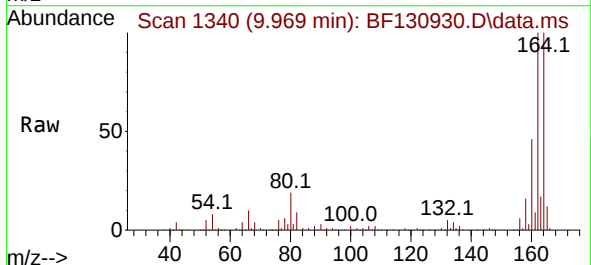
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

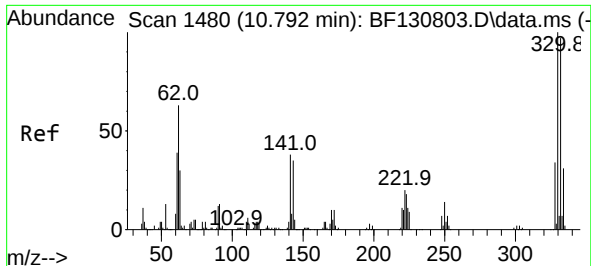
Tgt Ion: 82 Resp: 414788
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:164 Resp: 175950
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 113.516 ng

RT: 10.763 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130930.D

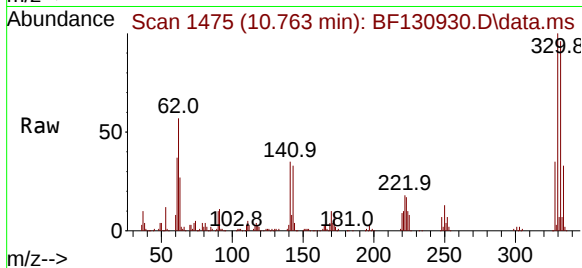
Acq: 02 Nov 2022 14:44

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-4



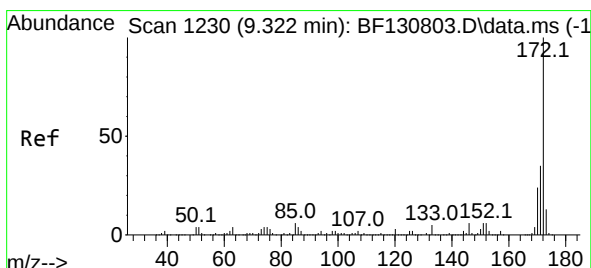
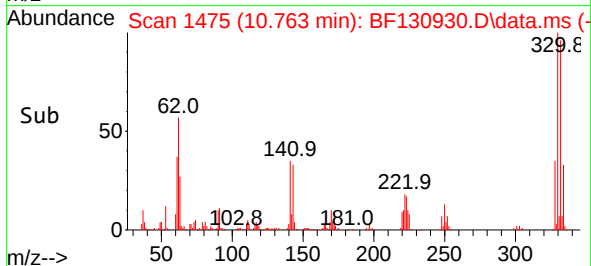
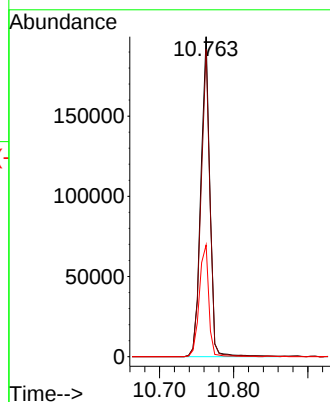
Tgt Ion:330 Resp: 168134

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 36.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 65.939 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130930.D

Acq: 02 Nov 2022 14:44

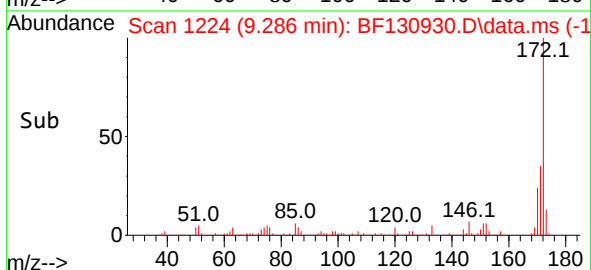
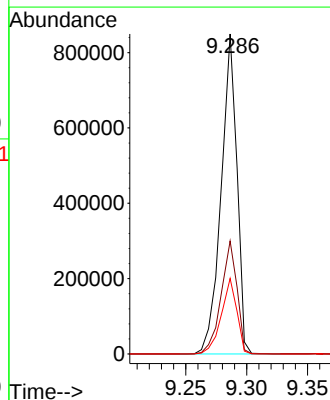
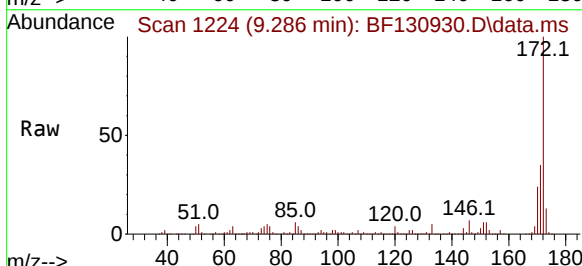
Tgt Ion:172 Resp: 767385

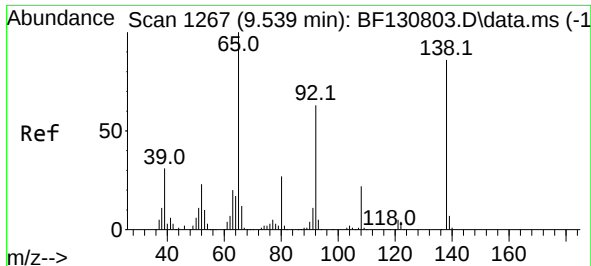
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.6 19.0 28.4

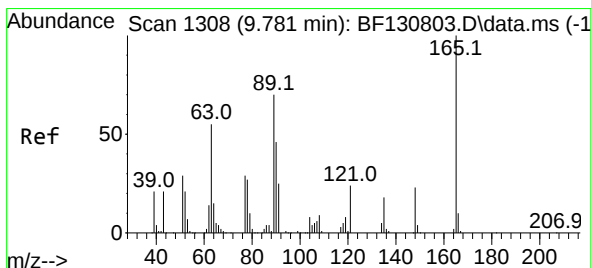
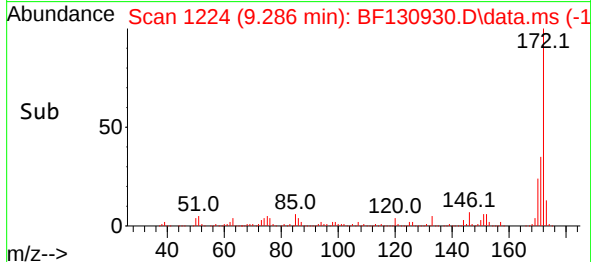
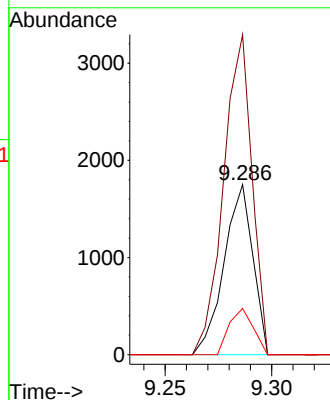
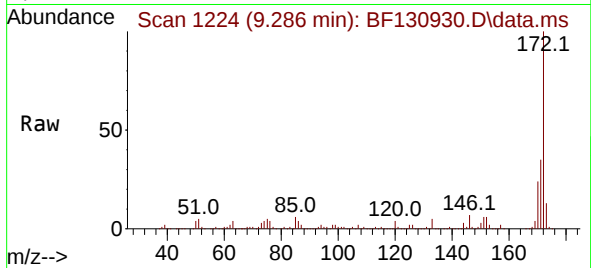




#48
2-Nitroaniline
Concen: 4.612 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

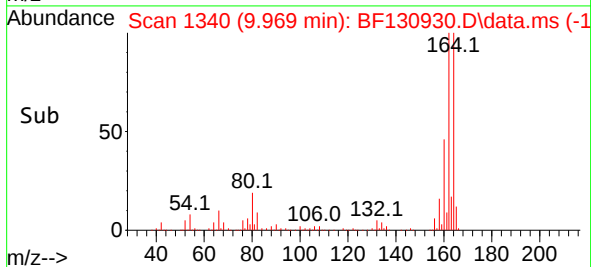
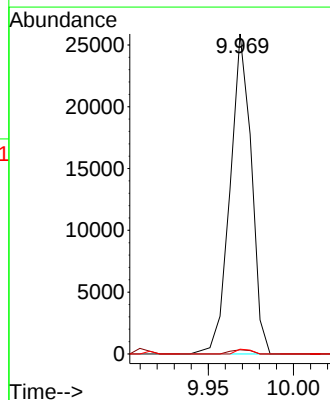
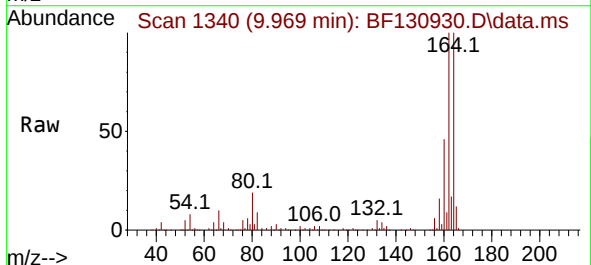
Instrument :
BNA_F
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BIN 1-2-(2840)-COMP-4

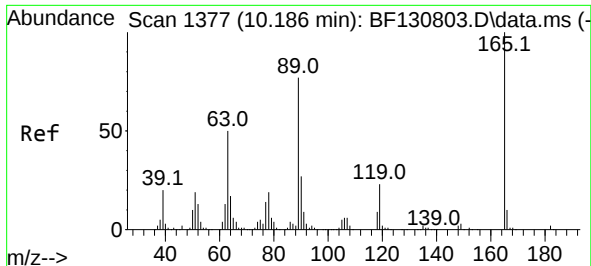
Tgt Ion: 65 Resp: 1647
Ion Ratio Lower Upper
65 100
92 188.2 50.1 75.1#
138 27.2 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.975 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion: 165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.5 56.2 84.4#

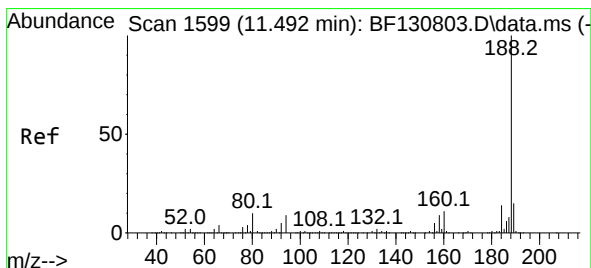
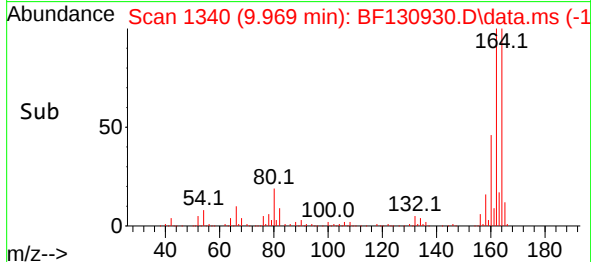
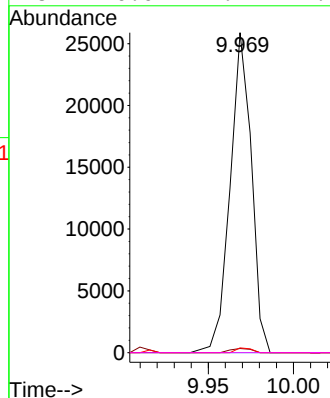
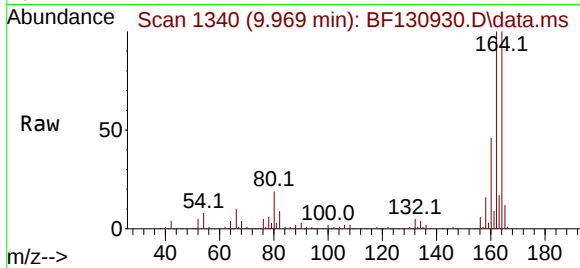




#57
2,4-Dinitrotoluene
Concen: 10.870 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

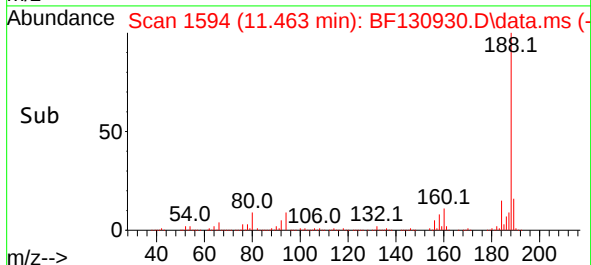
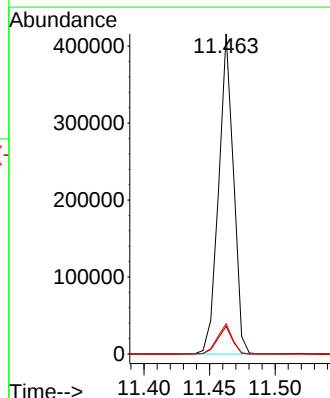
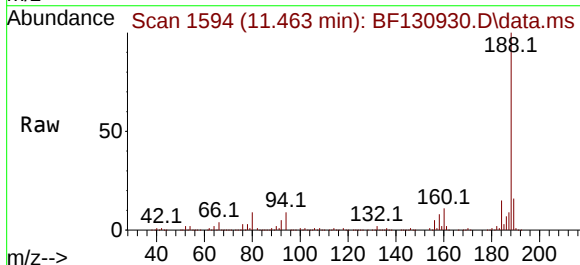
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

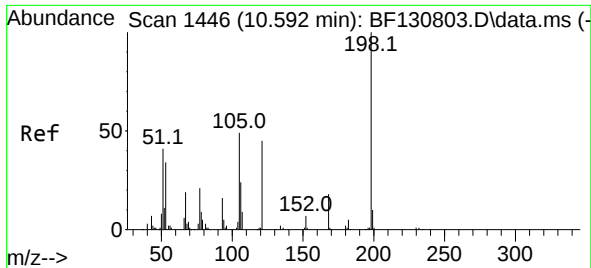
Tgt Ion:165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:188 Resp: 326979
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 8.0 12.0

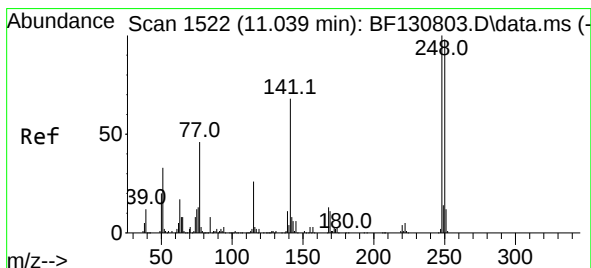
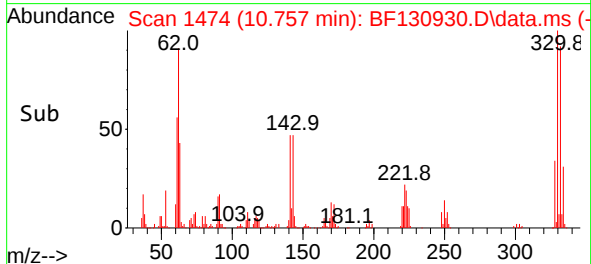
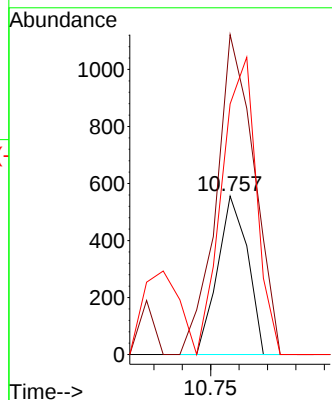
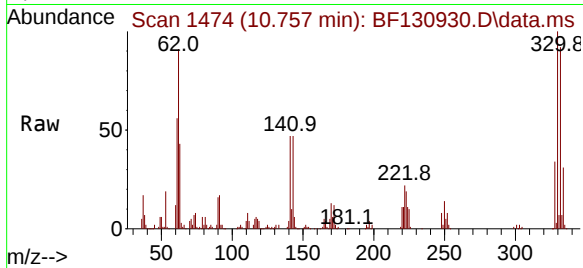




#65
4,6-Dinitro-2-methylphenol
Concen: 8.178 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

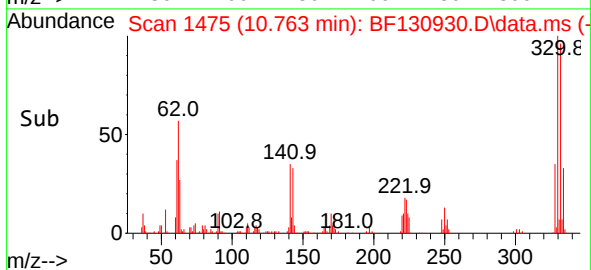
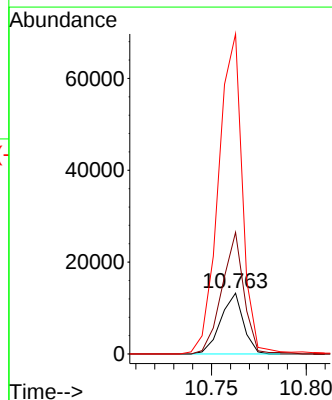
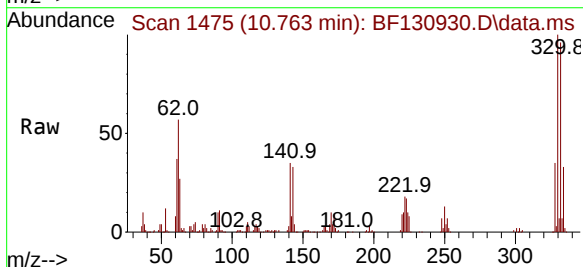
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

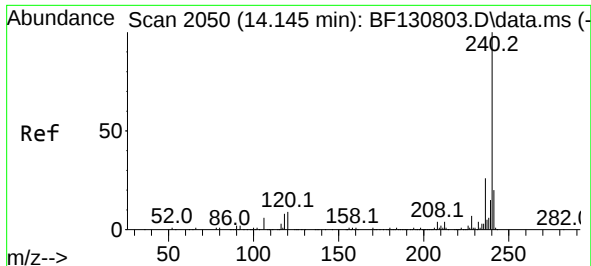
Tgt Ion:198 Resp: 408
Ion Ratio Lower Upper
198 100
51 201.8 39.0 79.0#
105 158.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.341 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.247 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:248 Resp: 10987
Ion Ratio Lower Upper
248 100
250 200.2 78.6 117.8#
141 526.7 54.2 81.4#

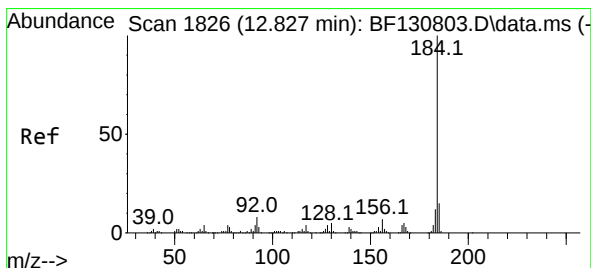
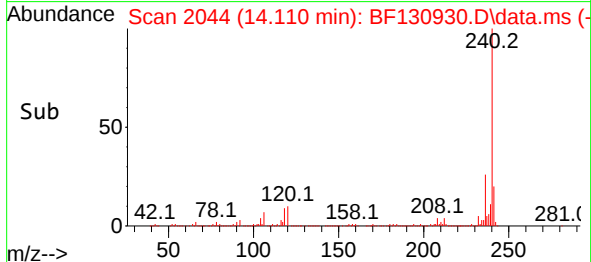
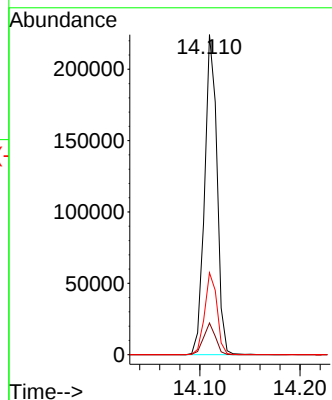
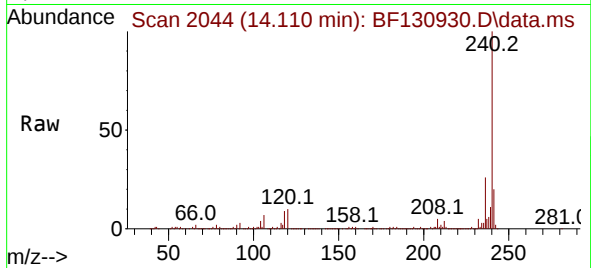




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

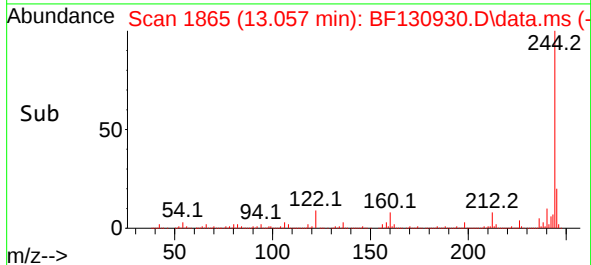
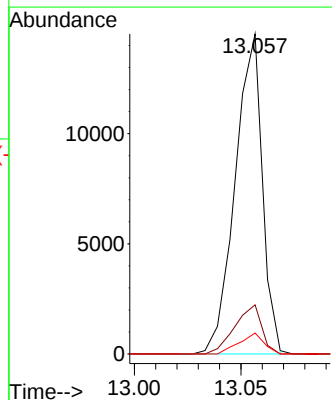
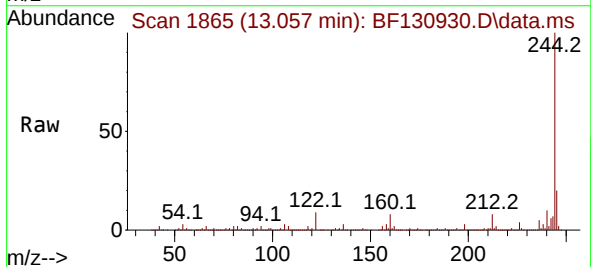
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

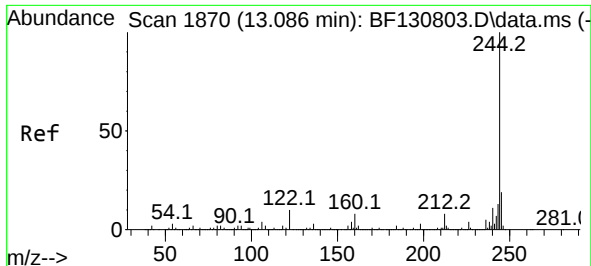
Tgt Ion:240 Resp: 193266
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.745 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.253 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:184 Resp: 12876
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 6.6 9.7 14.5#

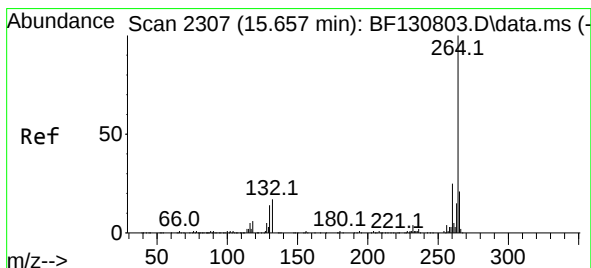
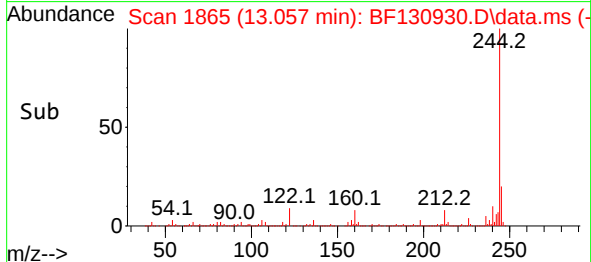
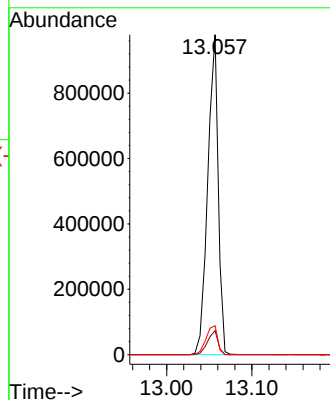
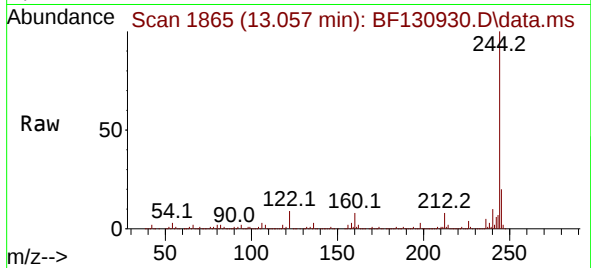




#79
 Terphenyl-d14
 Concen: 79.023 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. -0.000 min
 Lab File: BF130930.D
 Acq: 02 Nov 2022 14:44

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-4

Tgt Ion:244 Resp: 833444
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2302
 Delta R.T. -0.000 min
 Lab File: BF130930.D
 Acq: 02 Nov 2022 14:44

Tgt Ion:264 Resp: 135232
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.9 29.9
 265 20.5 17.0 25.6

