

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130899.D
 Acq On : 01 Nov 2022 14:16
 Operator : CG\JU
 Sample : N5336-06RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:20:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

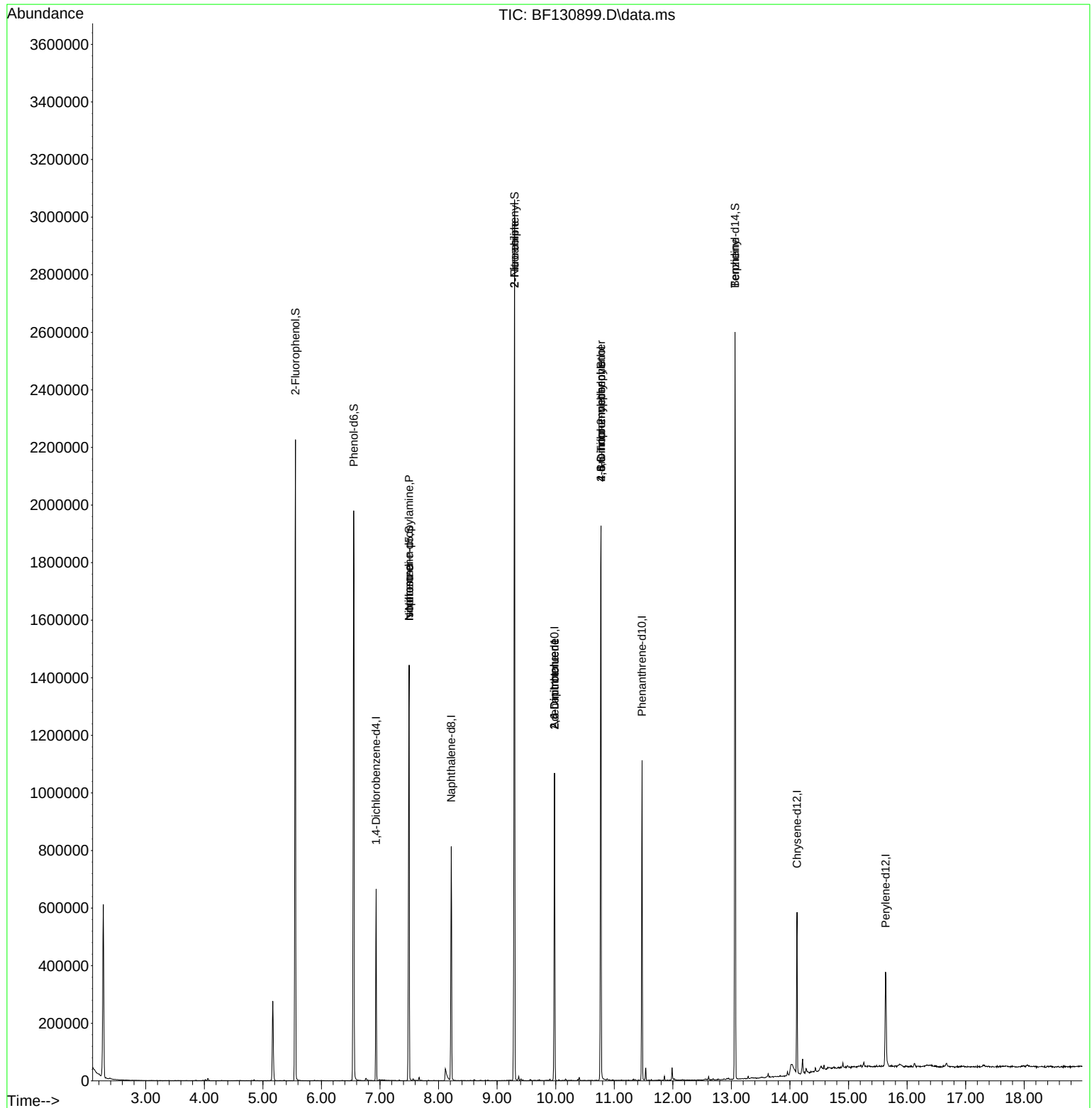
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	84573	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	338218	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	204645	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	366009	20.000	ng	0.00
76) Chrysene-d12	14.121	240	184115	20.000	ng	0.00
86) Perylene-d12	15.633	264	152117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	537022	110.081	ng	0.00
7) Phenol-d6	6.551	99	711201	112.185	ng	0.00
23) Nitrobenzene-d5	7.498	82	486947	86.815	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	215938	125.349	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	901836	66.626	ng	0.00
79) Terphenyl-d14	13.063	244	874027	86.990	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.498	70	68184	15.808	ng	# 76
25) Isophorone	7.498	82	485161	41.945	ng	# 66
48) 2-Nitroaniline	9.298	65	1914	4.612	ng	# 8
51) 2,6-Dinitrotoluene	9.980	165	26399	12.094	ng	# 14
57) 2,4-Dinitrotoluene	9.980	165	26399	10.963	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.774	198	549	8.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.774	248	13839	3.760	ng	# 1
77) Benzidine	13.063	184	13693	3.064	ng	# 93

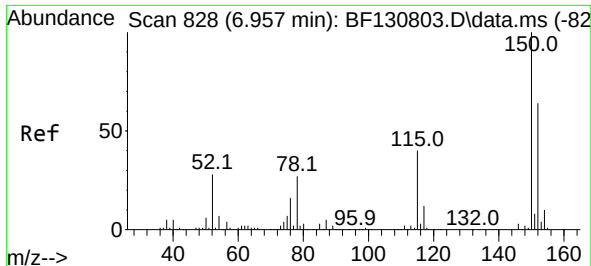
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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Quant Time: Nov 02 08:20:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration

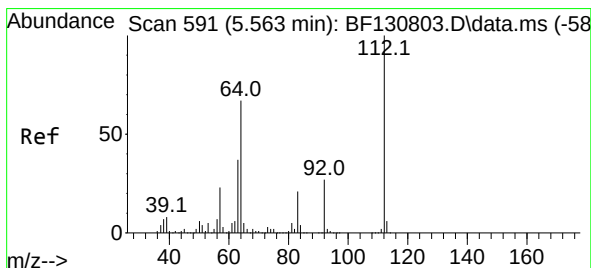
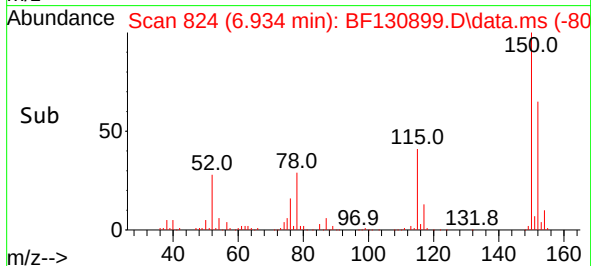
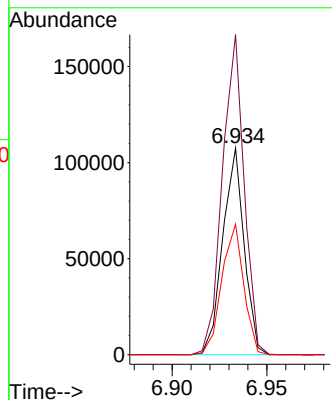
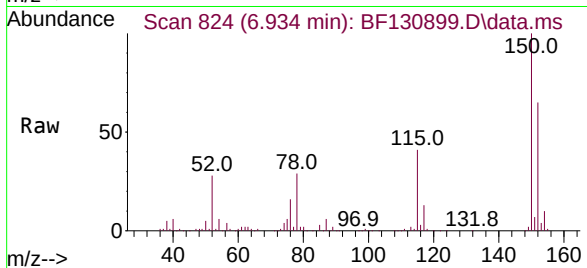




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

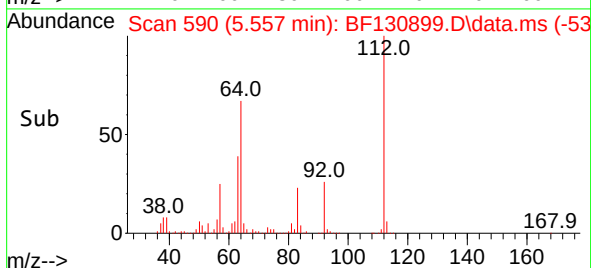
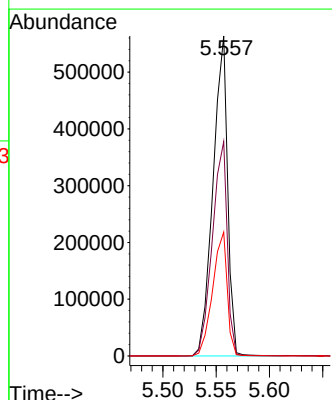
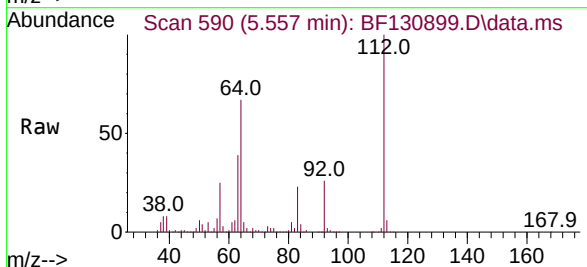
Instrument :
BNA_F
ClientSampleId :

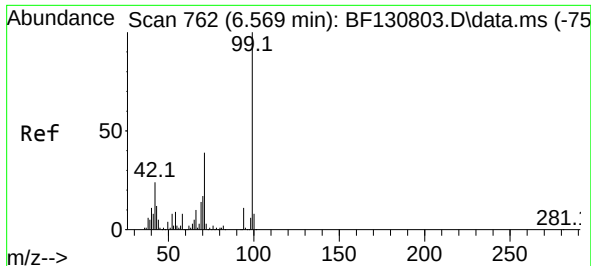
Tgt Ion:152 Resp: 84573
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 63.2 50.1 75.1



#5
2-Fluorophenol
Concen: 110.081 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Tgt Ion:112 Resp: 537022
Ion Ratio Lower Upper
112 100
64 67.0 53.9 80.9
63 38.7 29.4 44.2

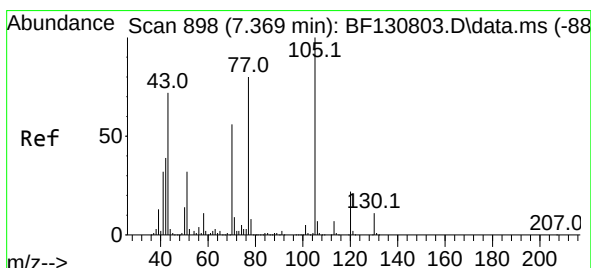
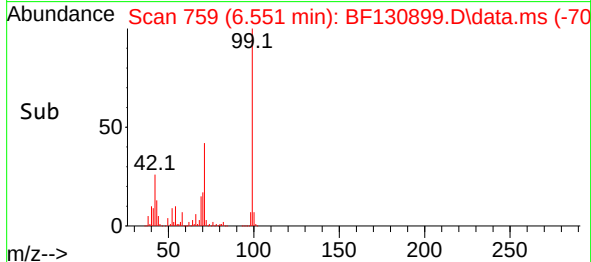
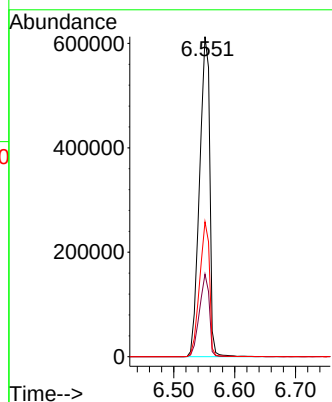
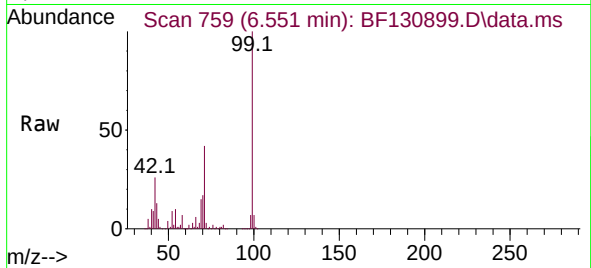




#7
Phenol-d6
Concen: 112.185 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

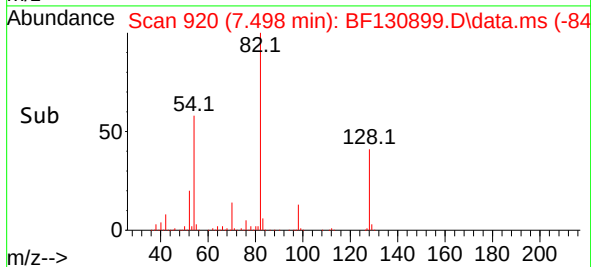
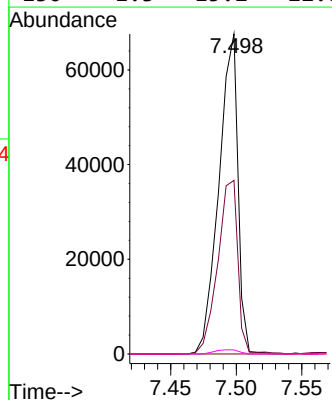
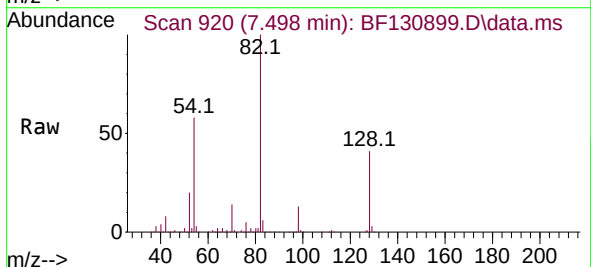
Instrument :
BNA_F
ClientSampleId :

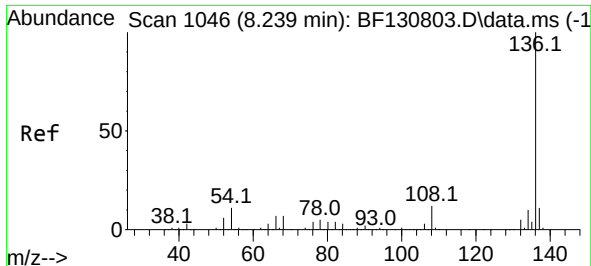
Tgt Ion: 99 Resp: 711201
Ion Ratio Lower Upper
99 100
42 25.8 18.8 28.2
71 42.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.808 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

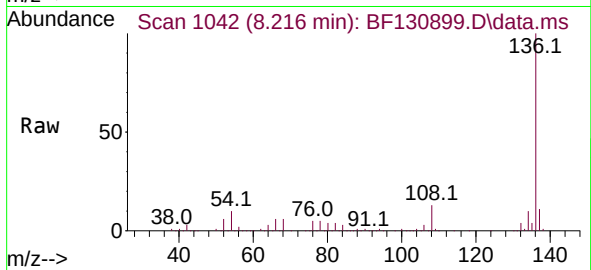
Tgt Ion: 70 Resp: 68184
Ion Ratio Lower Upper
70 100
42 54.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.3 15.2 22.8#



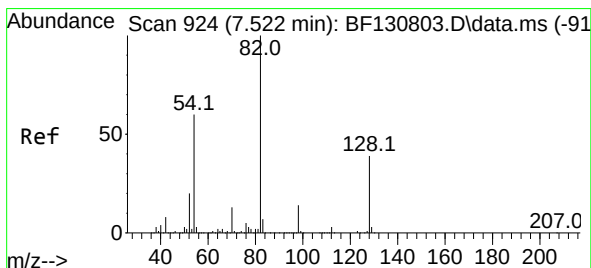
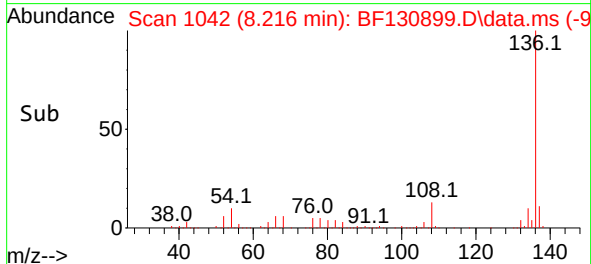
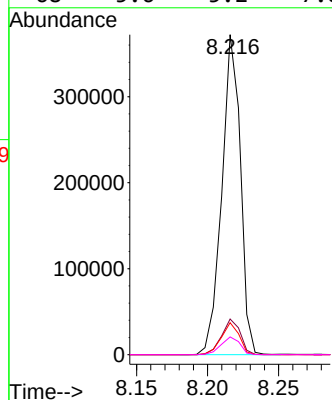


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Instrument :
BNA_F
ClientSampleId :

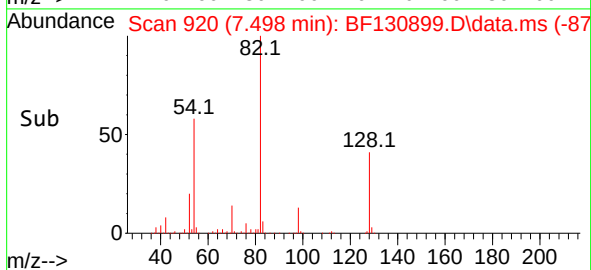
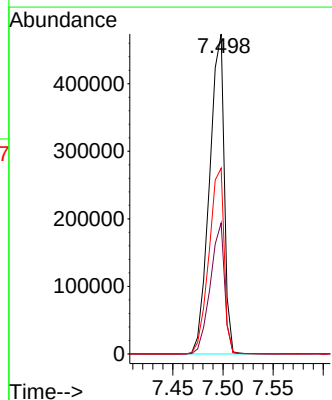
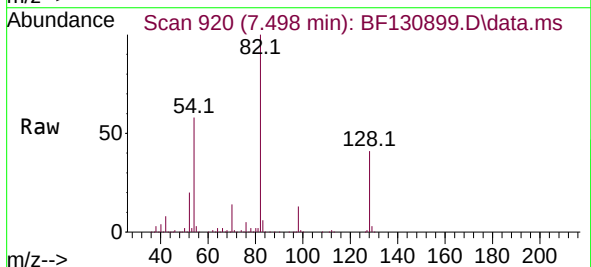


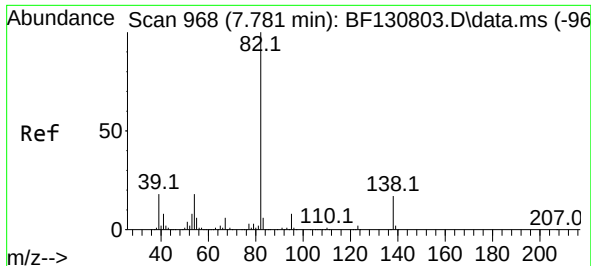
Tgt Ion:136 Resp: 338218
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.0 8.8 13.2
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.815 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

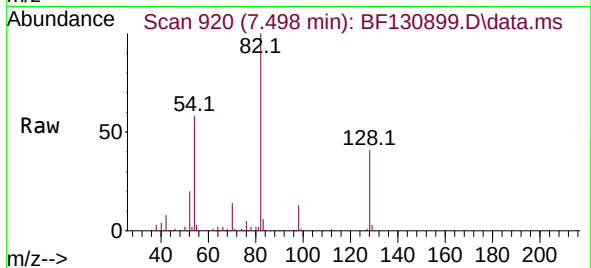
Tgt Ion: 82 Resp: 486947
Ion Ratio Lower Upper
82 100
128 41.0 31.2 46.8
54 58.1 48.0 72.0



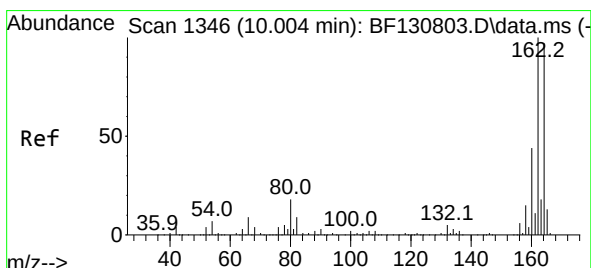
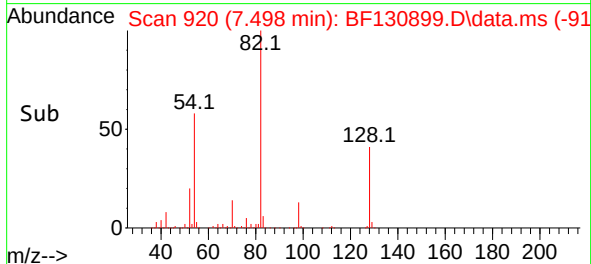
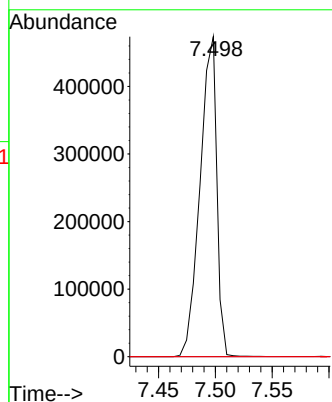


#25
Isophorone
Concen: 41.945 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Instrument :
BNA_F
ClientSampleId :

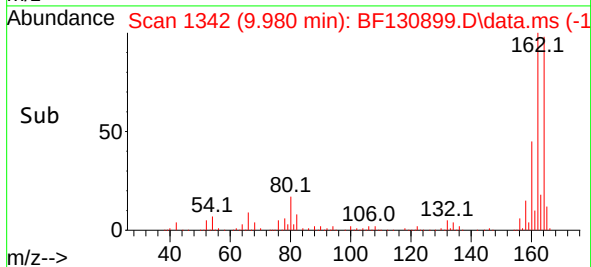
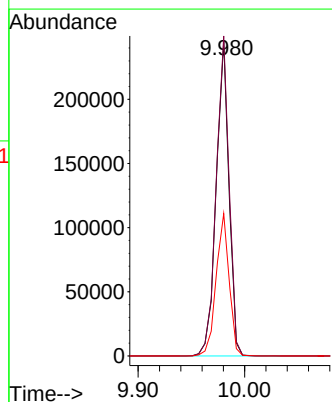
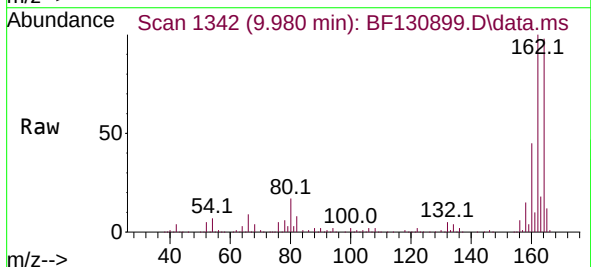


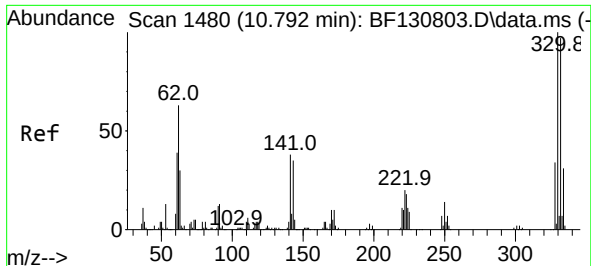
Tgt Ion: 82 Resp: 485161
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Tgt Ion: 164 Resp: 204645
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 125.349 ng

RT: 10.774 min Scan# 1480

Delta R.T. -0.006 min

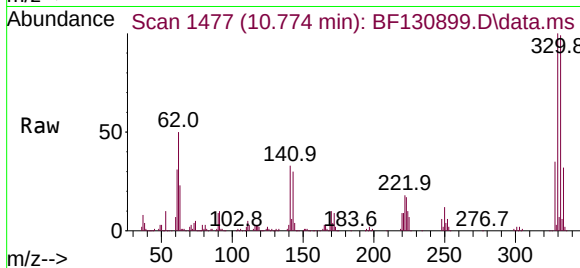
Lab File: BF130899.D

Acq: 01 Nov 2022 14:16

Instrument :

BNA_F

ClientSampleId :



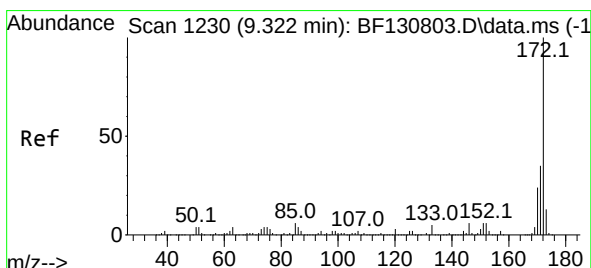
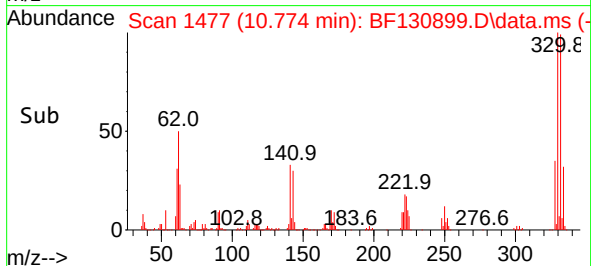
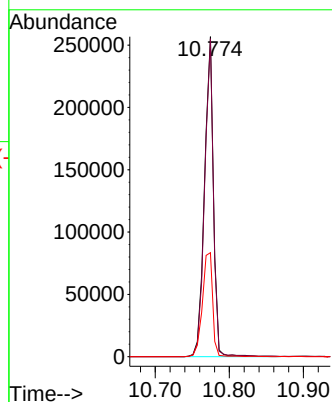
Tgt Ion:330 Resp: 215938

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 37.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 66.626 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF130899.D

Acq: 01 Nov 2022 14:16

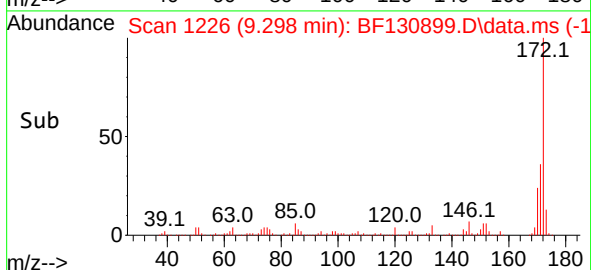
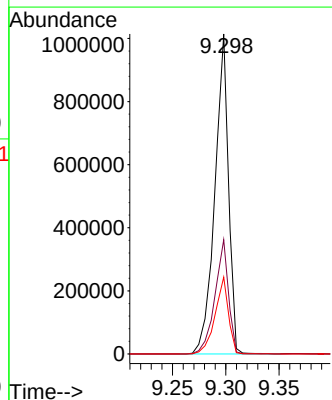
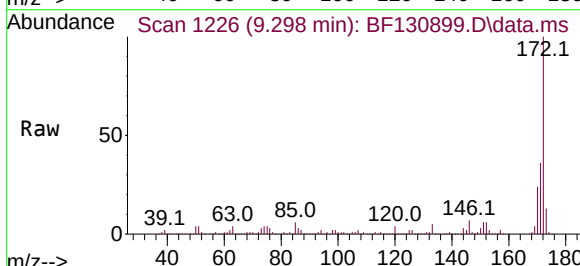
Tgt Ion:172 Resp: 901836

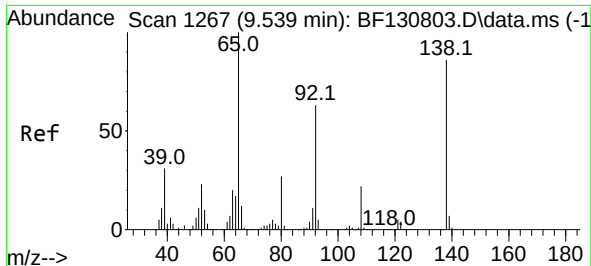
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

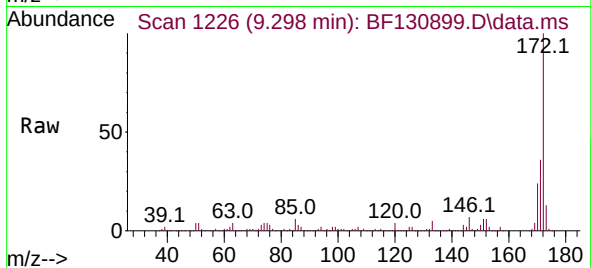
170 24.0 19.0 28.4



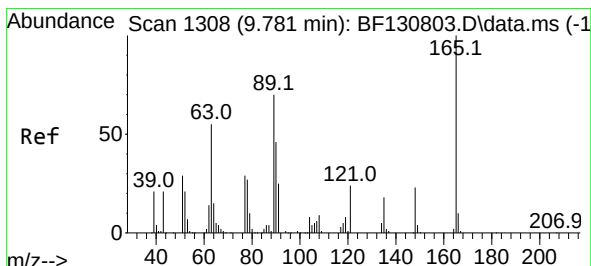
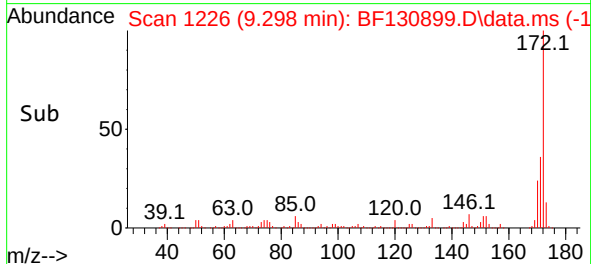
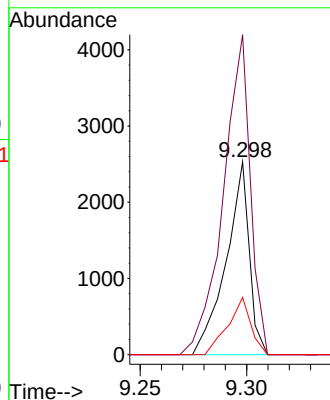


#48
2-Nitroaniline
Concen: 4.612 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Instrument :
BNA_F
ClientSampleId :

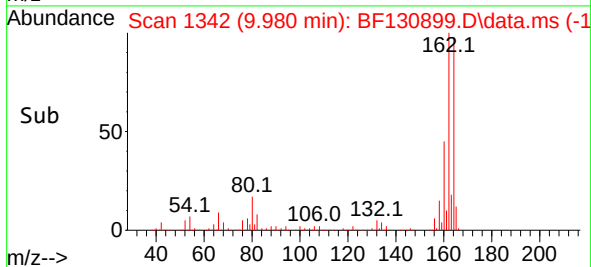
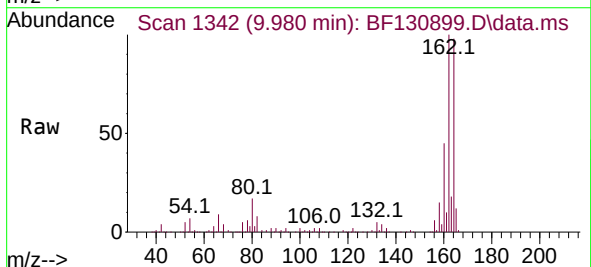
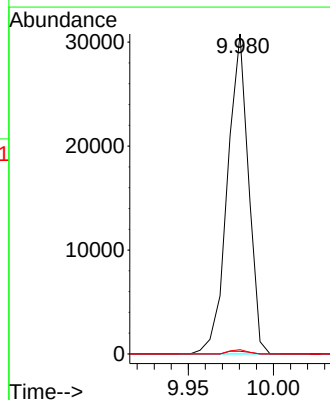


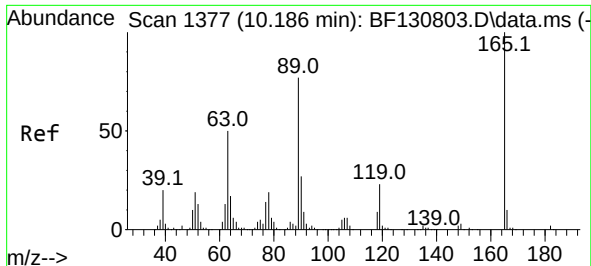
Tgt Ion: 65 Resp: 1914
Ion Ratio Lower Upper
65 100
92 165.8 50.1 75.1#
138 29.7 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.094 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

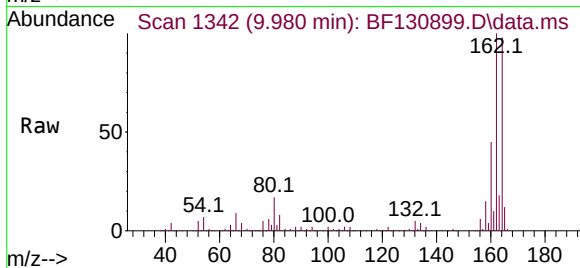
Tgt Ion: 165 Resp: 26399
Ion Ratio Lower Upper
165 100
63 0.8 61.8 92.8#
89 1.4 56.2 84.4#



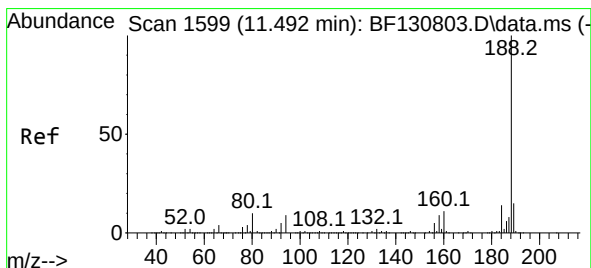
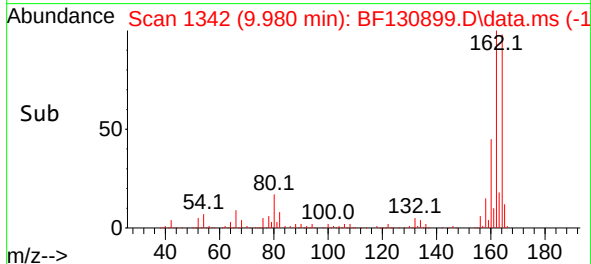
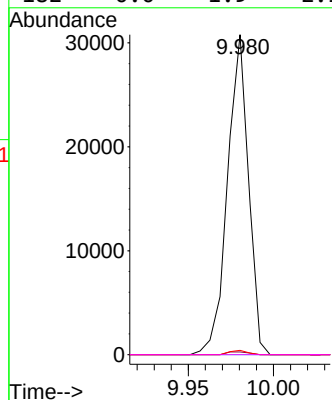


#57
2,4-Dinitrotoluene
Concen: 10.963 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Instrument :
BNA_F
ClientSampleId :

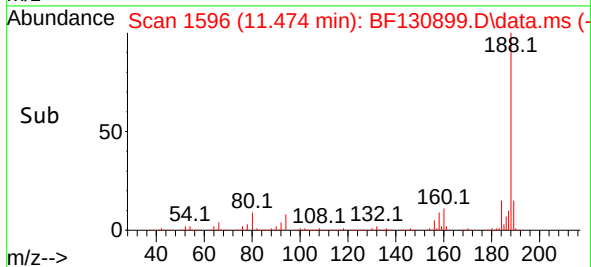
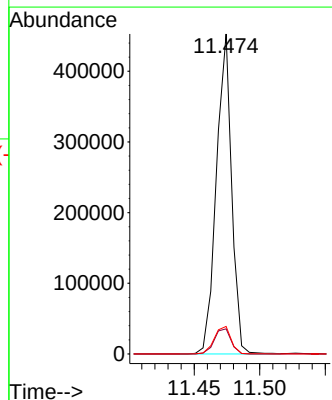
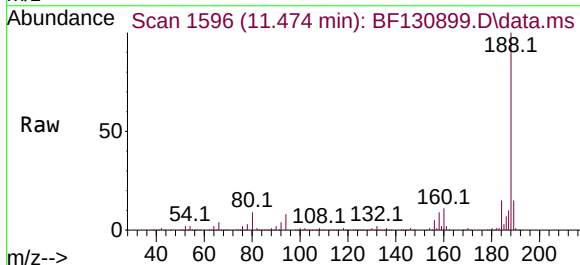


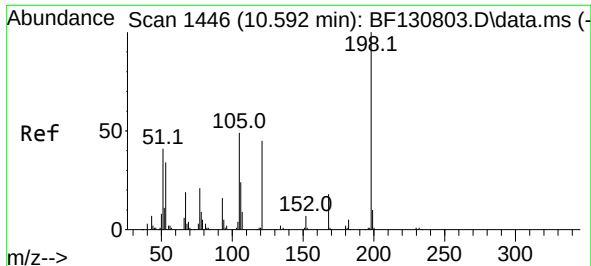
Tgt Ion:165 Resp: 26399
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Tgt Ion:188 Resp: 366009
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.6 8.0 12.0

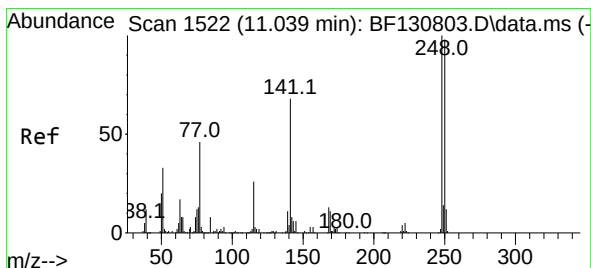
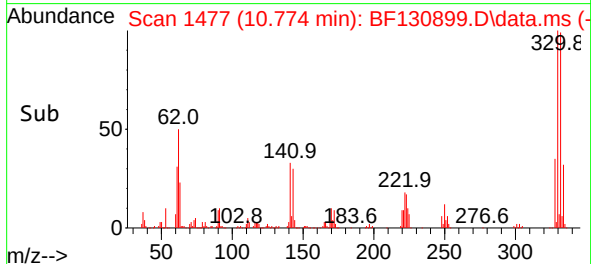
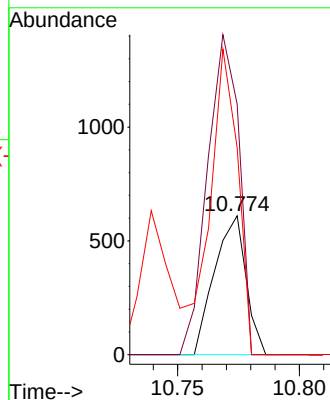
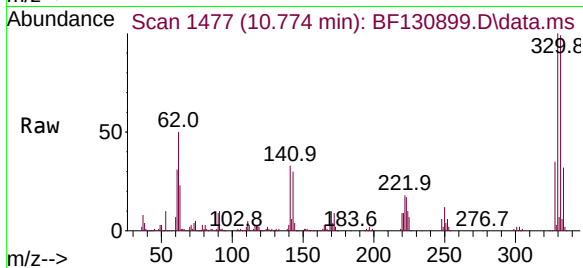




#65
4,6-Dinitro-2-methylphenol
Concen: 8.228 ng
RT: 10.774 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

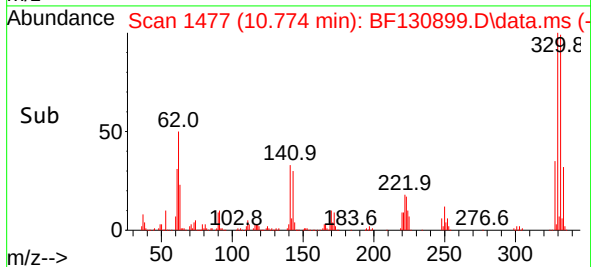
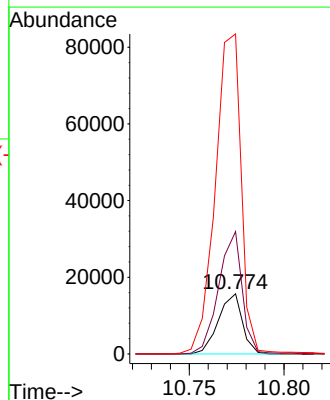
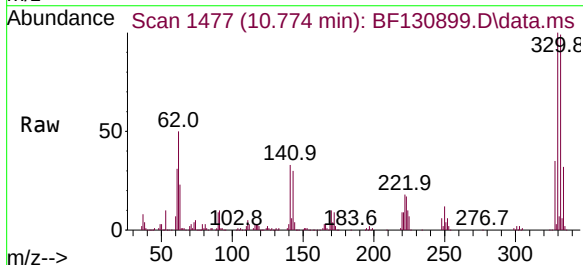
Instrument :
BNA_F
ClientSampleId :

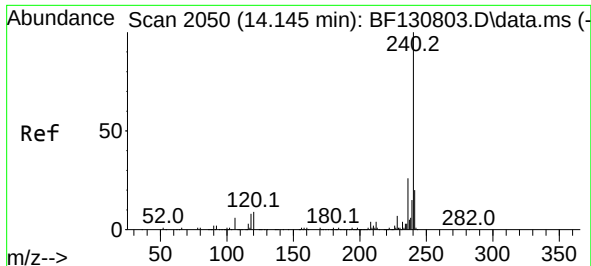
Tgt Ion:198 Resp: 549
Ion Ratio Lower Upper
198 100
51 180.5 39.0 79.0#
105 149.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.760 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

Tgt Ion:248 Resp: 13839
Ion Ratio Lower Upper
248 100
250 203.3 78.6 117.8#
141 531.7 54.2 81.4#

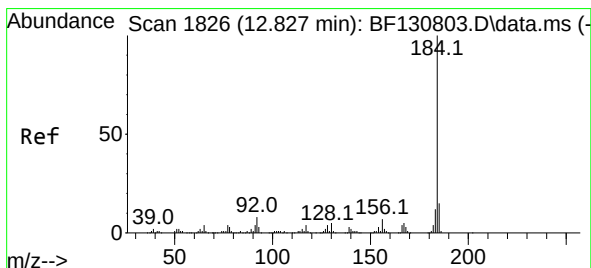
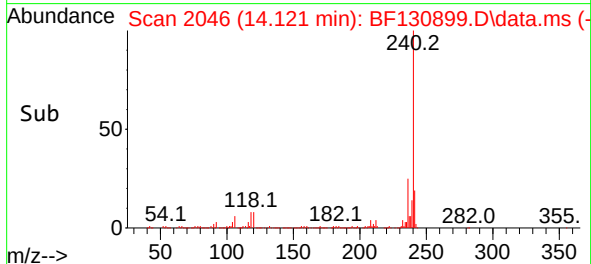
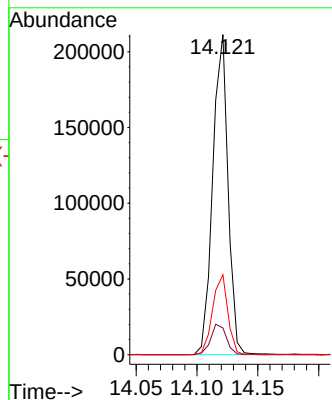
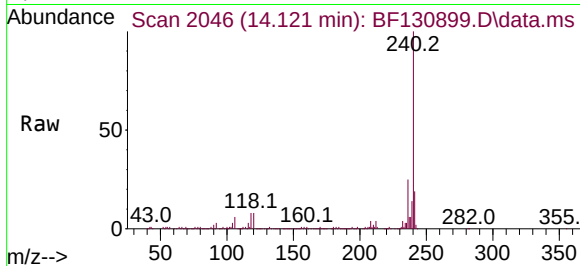




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

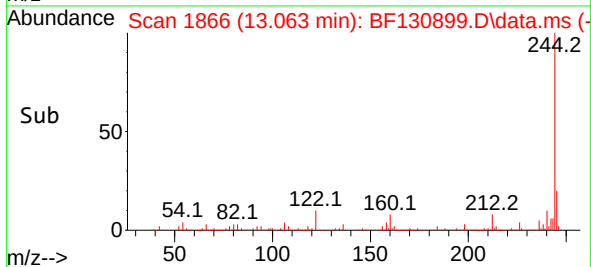
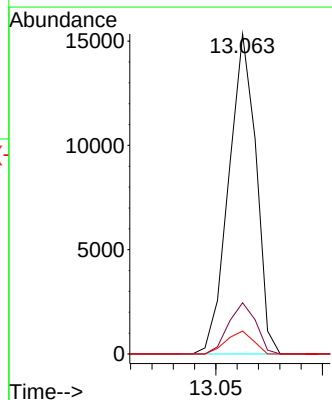
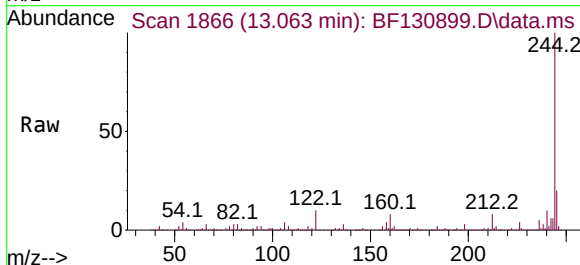
Instrument :
BNA_F
ClientSampleId :

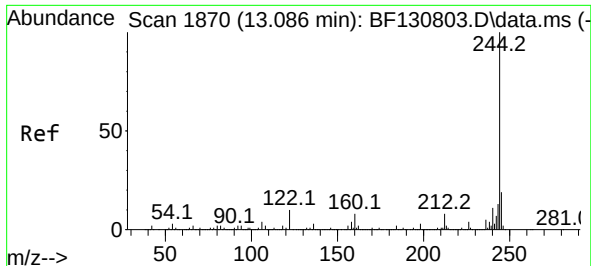
Tgt Ion:240 Resp: 184115
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.4
236 24.9 20.5 30.7



#77
Benzidine
Concen: 3.064 ng
RT: 13.063 min Scan# 1866
Delta R.T. 0.247 min
Lab File: BF130899.D
Acq: 01 Nov 2022 14:16

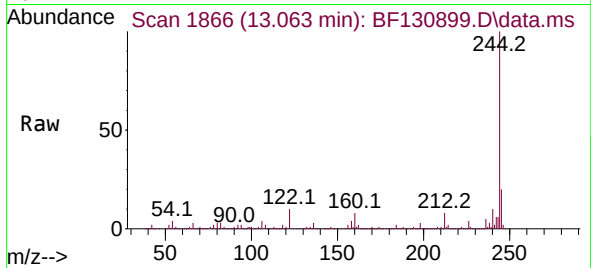
Tgt Ion:184 Resp: 13693
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 7.2 9.7 14.5#



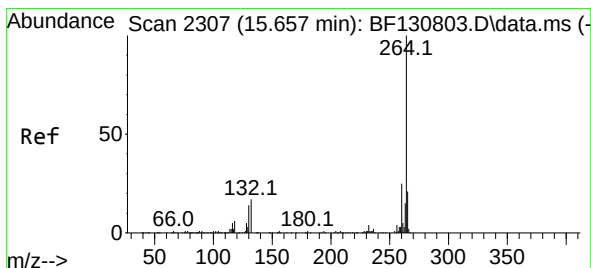
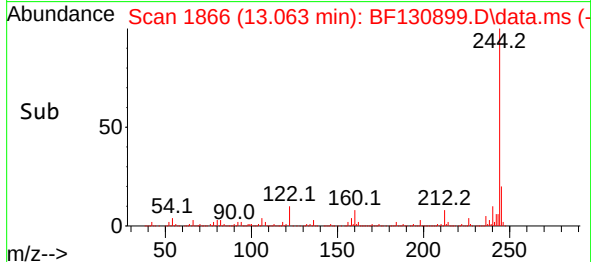
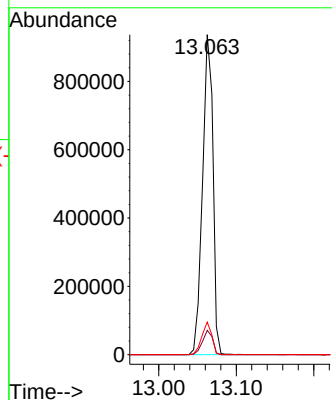


#79
 Terphenyl-d14
 Concen: 86.990 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF130899.D
 Acq: 01 Nov 2022 14:16

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 874027
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2303
 Delta R.T. -0.012 min
 Lab File: BF130899.D
 Acq: 01 Nov 2022 14:16

Tgt Ion:264 Resp: 152117
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.9 17.0 25.6

