

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130895.D
 Acq On : 01 Nov 2022 12:02
 Operator : CG\JU
 Sample : PB148672TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:19:23 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)

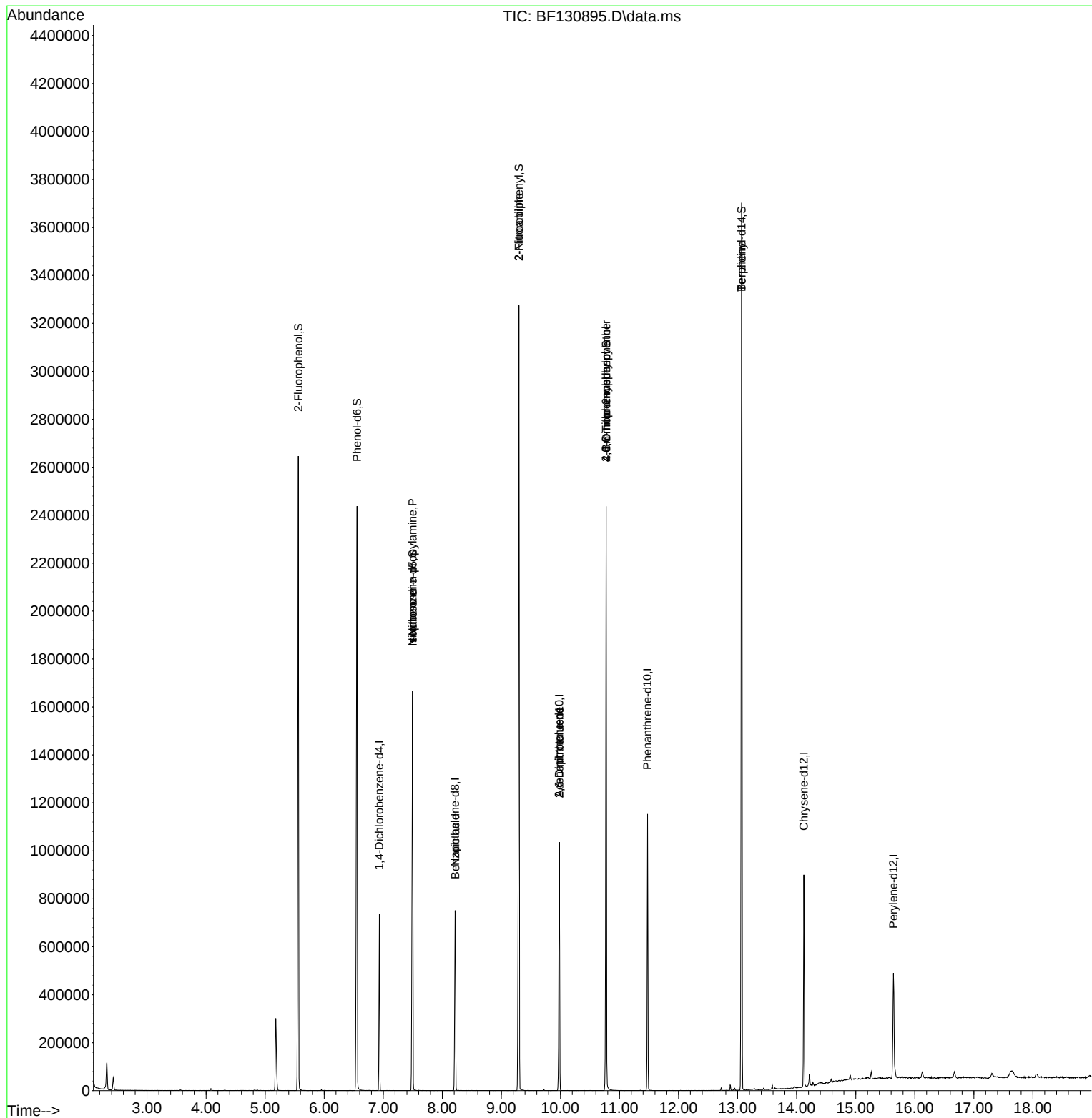
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	91999	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	361083	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	202787	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	391512	20.000	ng	0.00
76) Chrysene-d12	14.121	240	281899	20.000	ng	0.00
86) Perylene-d12	15.639	264	198976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	656473	123.705	ng	0.01
7) Phenol-d6	6.557	99	833858	120.916	ng	0.00
23) Nitrobenzene-d5	7.498	82	579459	96.766	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	269989	158.160	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1106847	82.521	ng	0.00
79) Terphenyl-d14	13.068	244	1317162	85.621	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	80388	17.133	ng	# 77
25) Isophorone	7.498	82	578828	46.874	ng	# 66
32) Benzoic acid	8.222	122	135	7.711	ng	# 1
48) 2-Nitroaniline	9.298	65	2257	4.700	ng	# 1
51) 2,6-Dinitrotoluene	9.980	165	26712	12.291	ng	# 14
57) 2,4-Dinitrotoluene	9.980	165	26712	11.116	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.774	198	793	8.333	ng	# 1
67) 4-Bromophenyl-phenylether	10.774	248	17962	4.562	ng	# 1
77) Benzidine	13.068	184	19932	2.913	ng	# 92

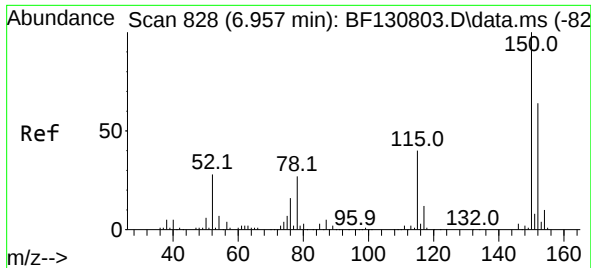
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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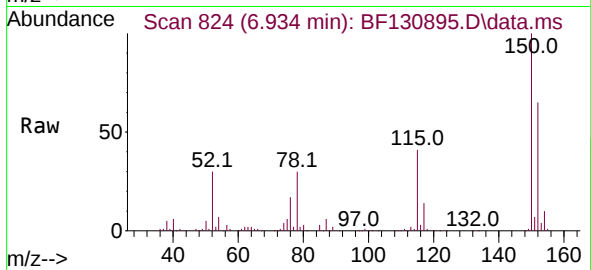
Quant Time: Nov 02 08:19:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



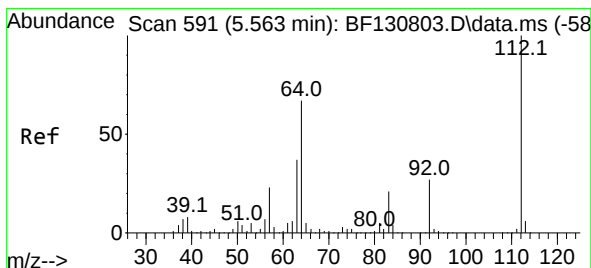
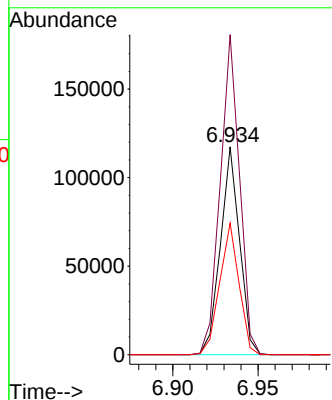
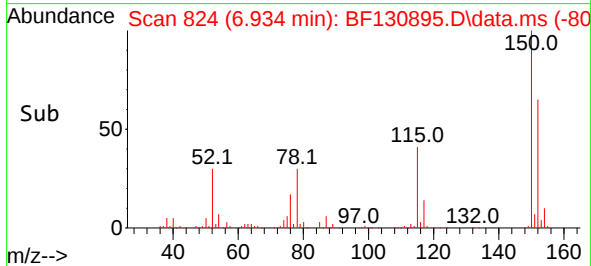


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF130895.D
 Acq: 01 Nov 2022 12:02

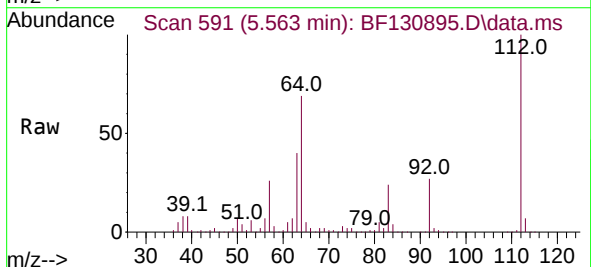
Instrument :
 BNA_F
 ClientSampleId :



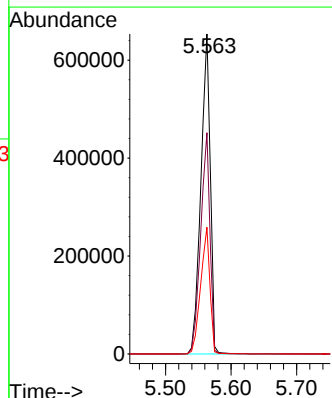
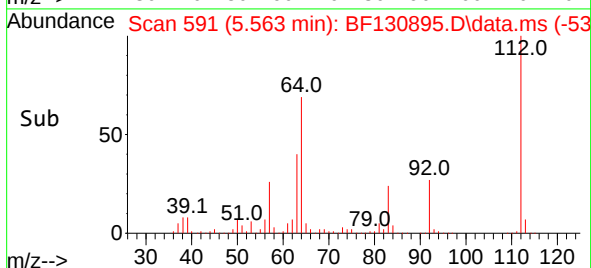
Tgt Ion:152 Resp: 91999
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.1 186.1
 115 63.2 50.1 75.1

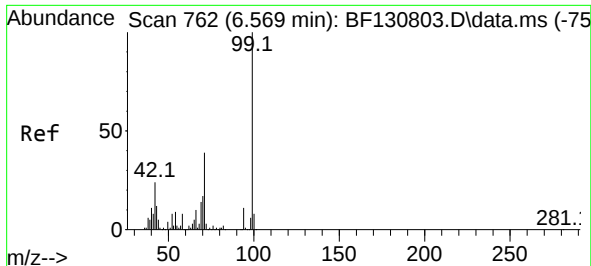


#5
 2-Fluorophenol
 Concen: 123.705 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.012 min
 Lab File: BF130895.D
 Acq: 01 Nov 2022 12:02



Tgt Ion:112 Resp: 656473
 Ion Ratio Lower Upper
 112 100
 64 69.2 53.9 80.9
 63 39.6 29.4 44.2

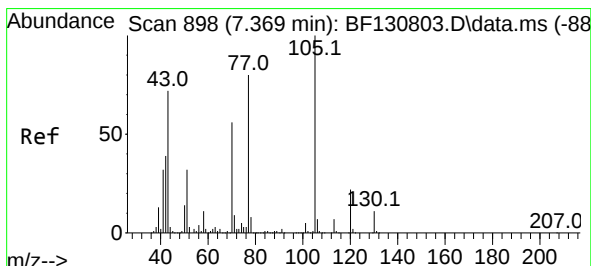
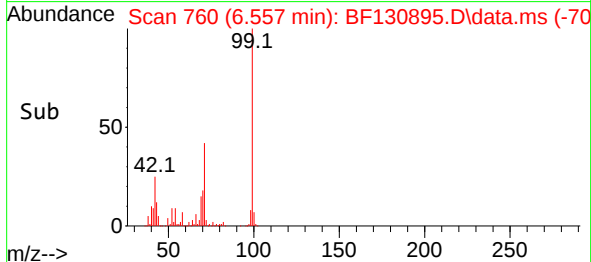
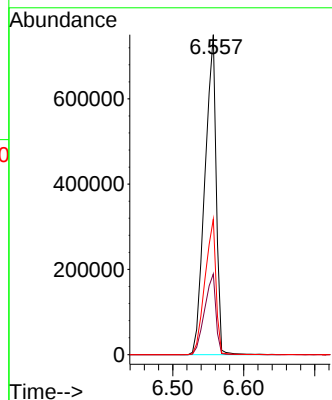
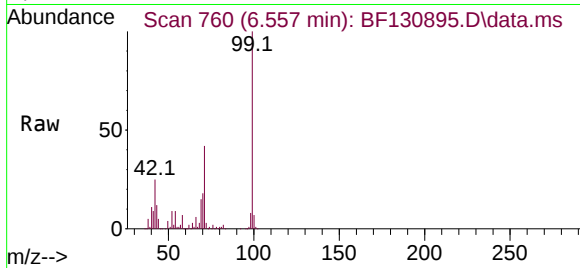




#7
Phenol-d6
Concen: 120.916 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

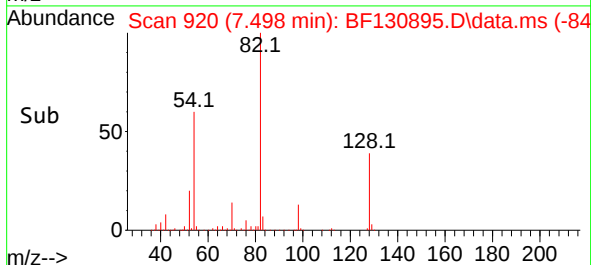
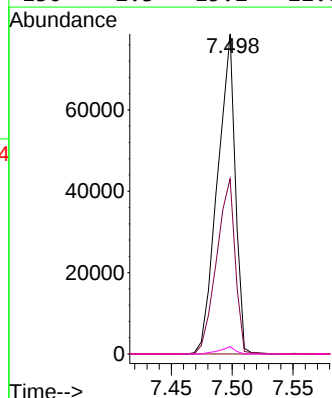
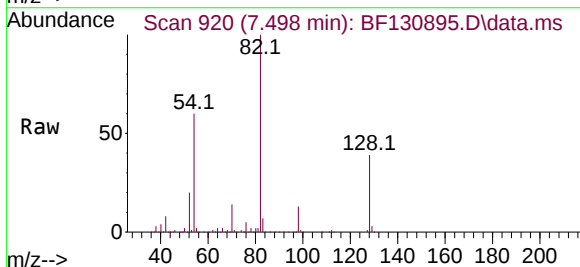
Instrument :
BNA_F
ClientSampleId :

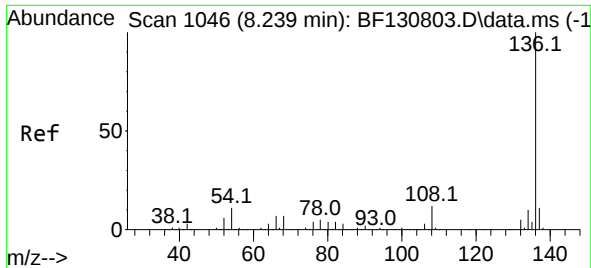
Tgt Ion: 99 Resp: 833858
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 42.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.133 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Tgt Ion: 70 Resp: 80388
Ion Ratio Lower Upper
70 100
42 54.8 56.1 84.1#
101 0.0 7.3 10.9#
130 2.3 15.2 22.8#



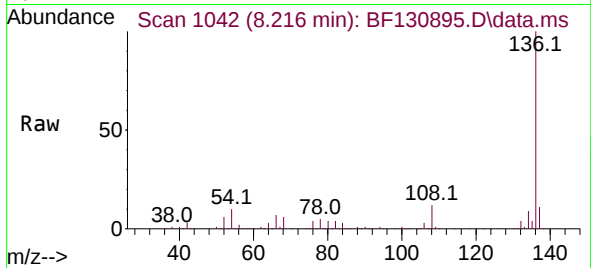


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

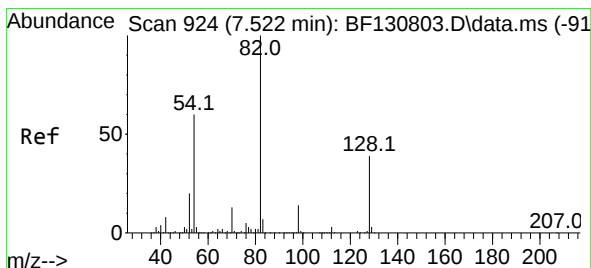
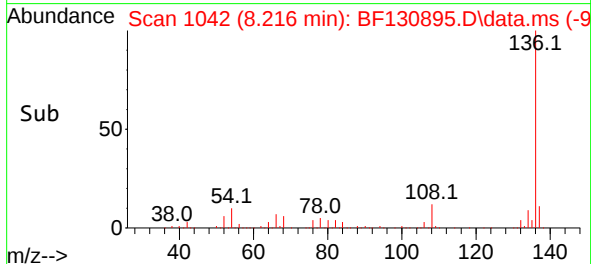
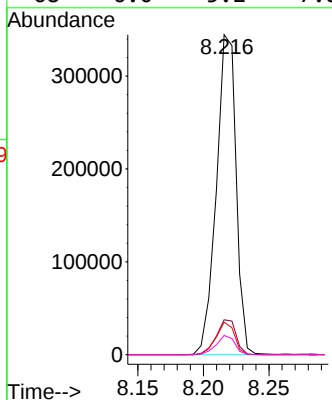
Instrument :

BNA_F

ClientSampleId :

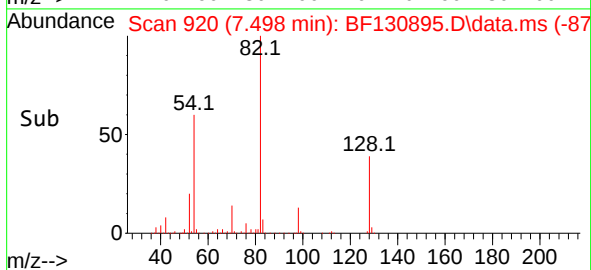
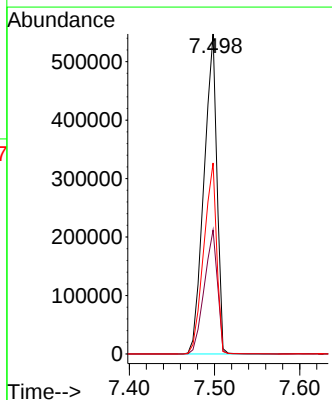
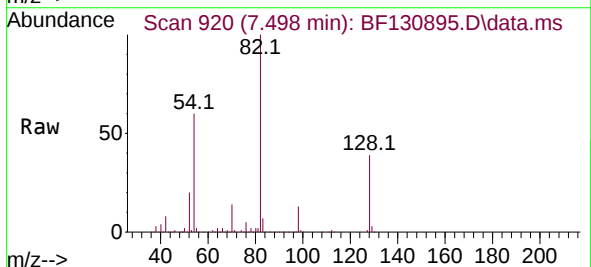


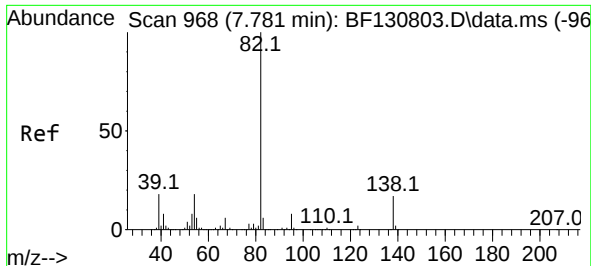
Tgt Ion:136 Resp: 361083
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.2 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 96.766 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

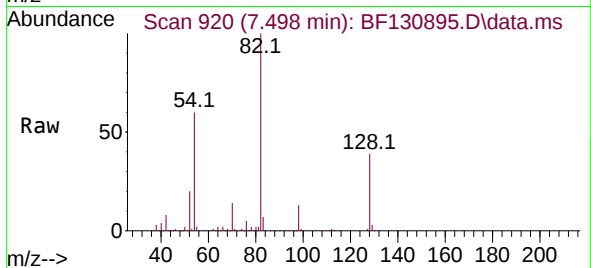
Tgt Ion: 82 Resp: 579459
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 59.7 48.0 72.0



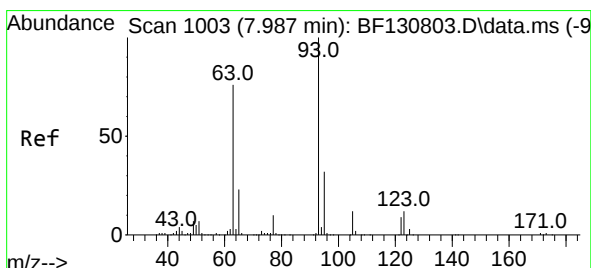
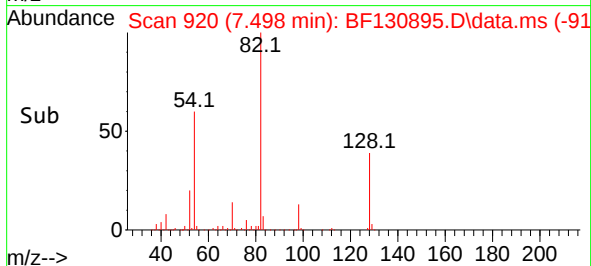
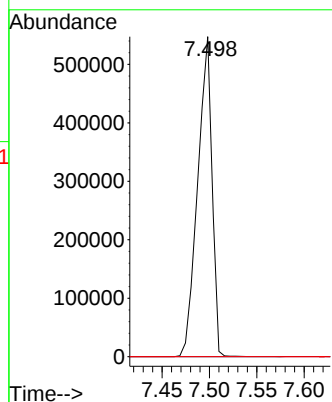


#25
Isophorone
Concen: 46.874 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Instrument :
BNA_F
ClientSampleId :

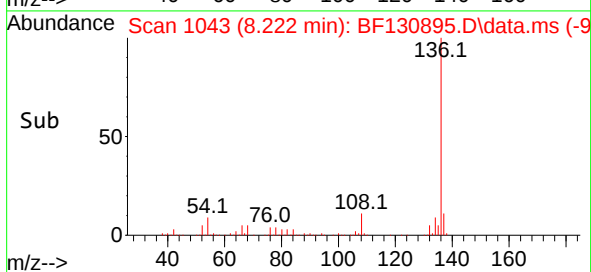
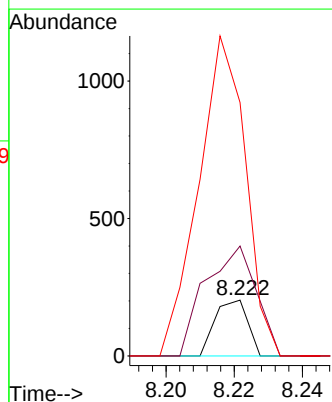
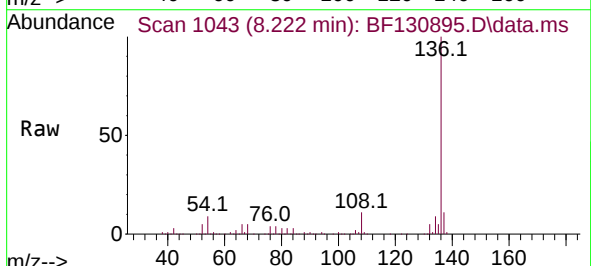


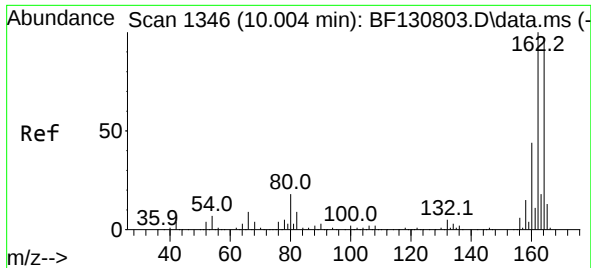
Tgt Ion: 82 Resp: 578828
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.711 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.241 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

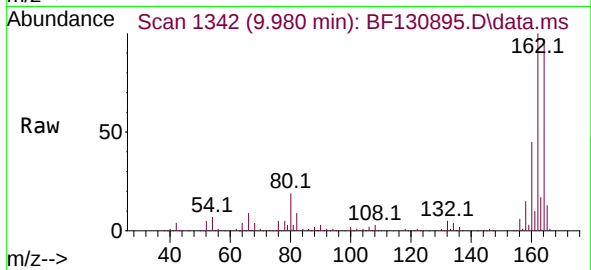
Tgt Ion: 122 Resp: 135
Ion Ratio Lower Upper
122 100
105 197.0 114.5 154.5#
77 454.2 89.8 129.8#



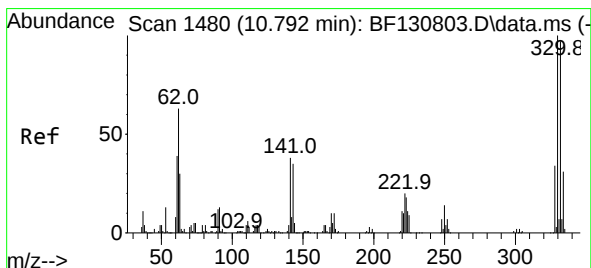
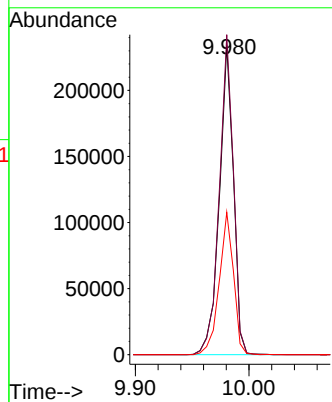
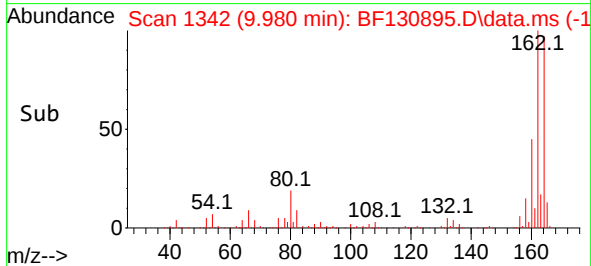


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

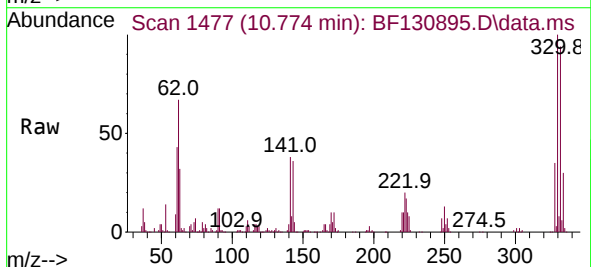
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BNA_F
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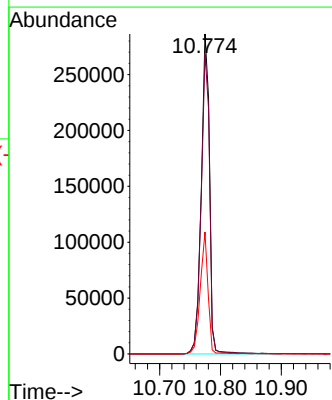
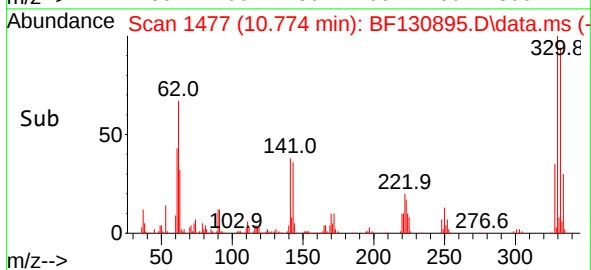
Tgt Ion:164 Resp: 202787
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 46.1 36.6 54.8

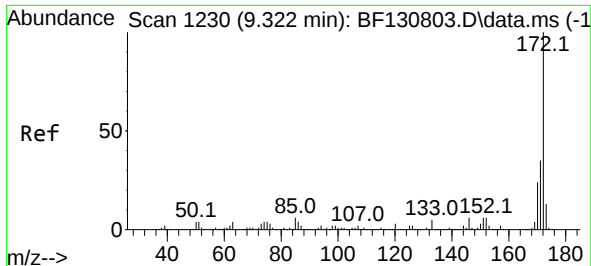


#42
2,4,6-Tribromophenol
Concen: 158.160 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02



Tgt Ion:330 Resp: 269989
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 36.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 82.521 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130895.D

Acq: 01 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

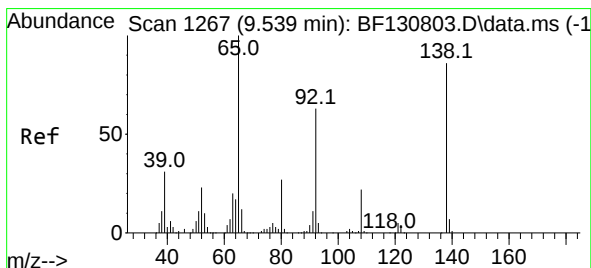
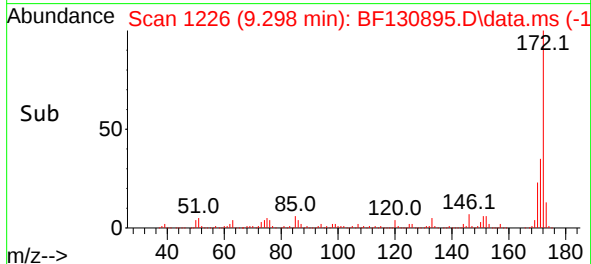
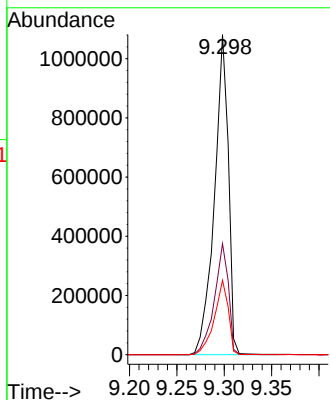
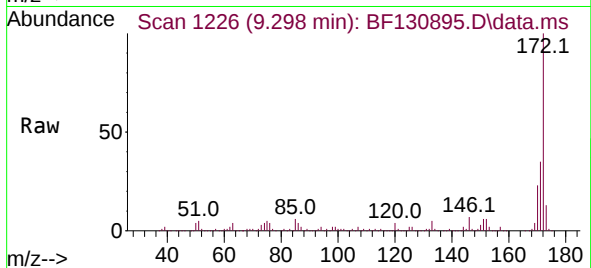
Tgt Ion:172 Resp: 1106847

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.2 19.0 28.4



#48

2-Nitroaniline

Concen: 4.700 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.229 min

Lab File: BF130895.D

Acq: 01 Nov 2022 12:02

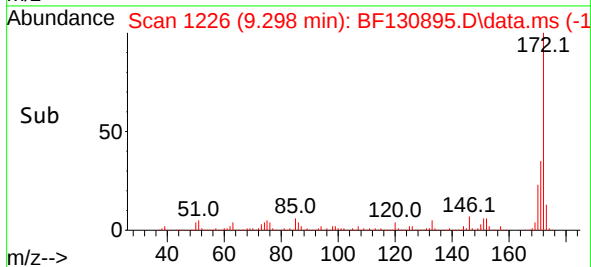
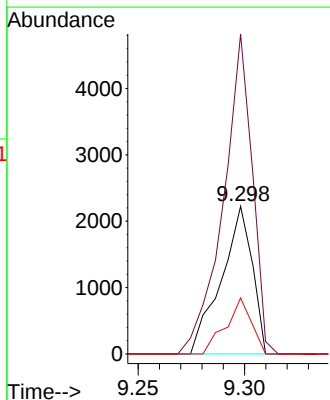
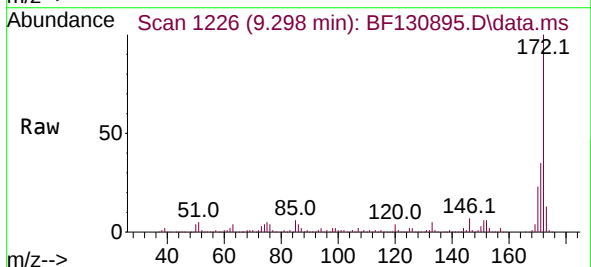
Tgt Ion: 65 Resp: 2257

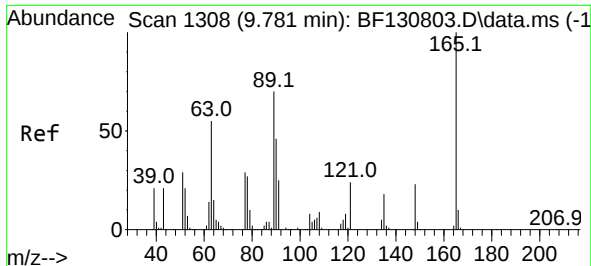
Ion Ratio Lower Upper

65 100

92 216.7 50.1 75.1#

138 37.9 69.2 103.8#

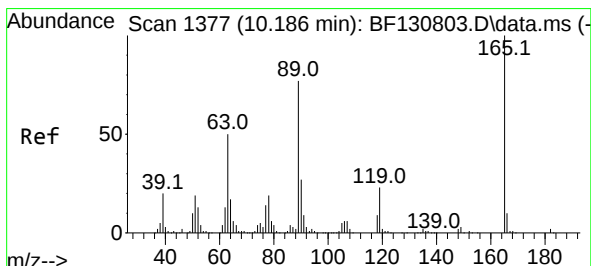
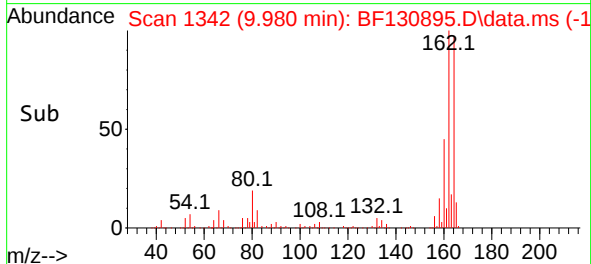
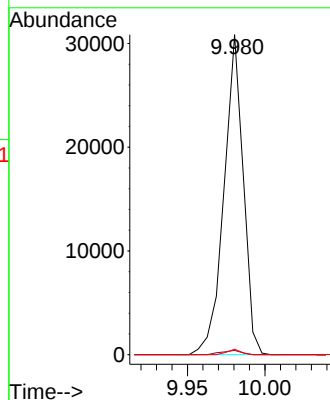
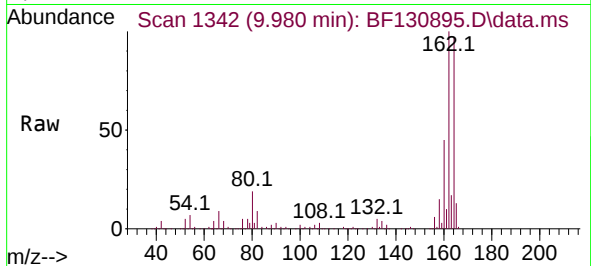




#51
2,6-Dinitrotoluene
Concen: 12.291 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

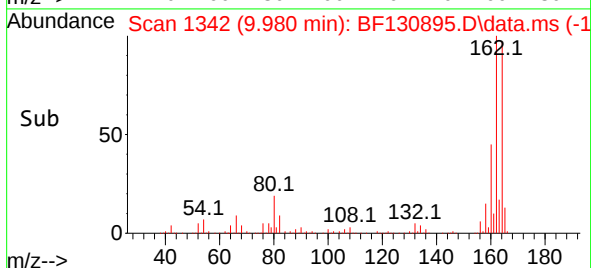
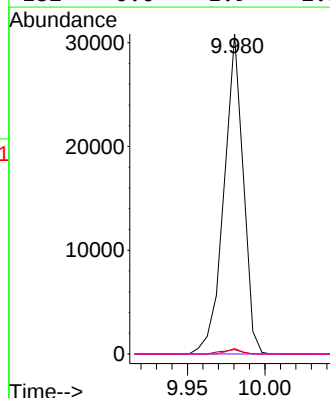
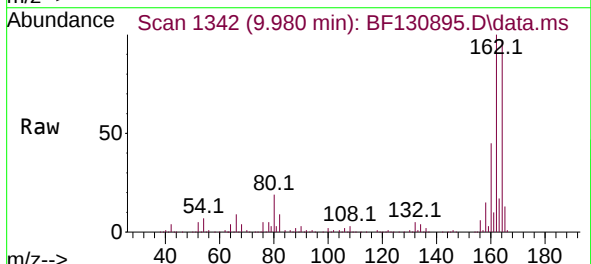
Instrument :
BNA_F
ClientSampleId :

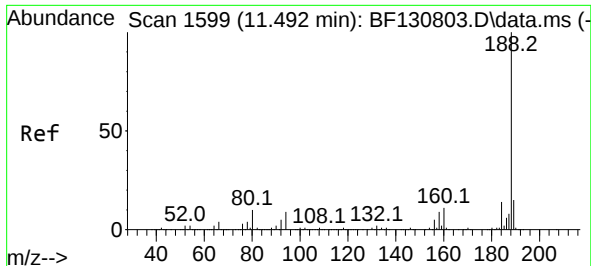
Tgt Ion:165 Resp: 26712
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.7 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.116 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

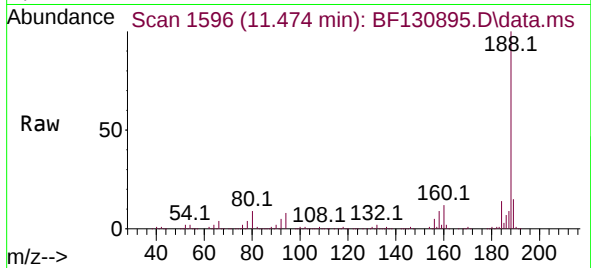
Tgt Ion:165 Resp: 26712
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#



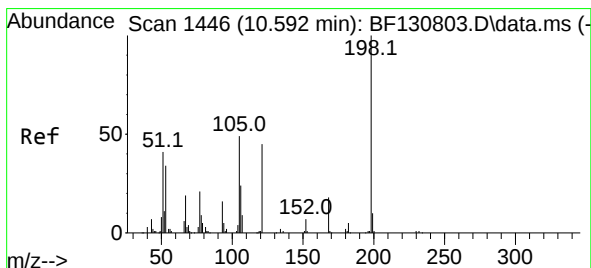
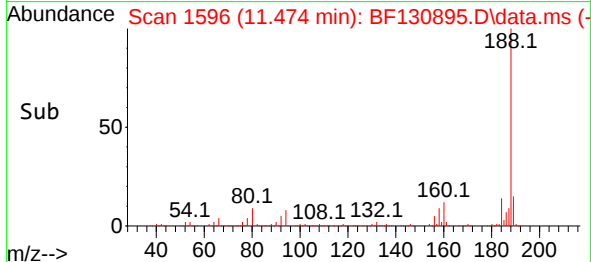
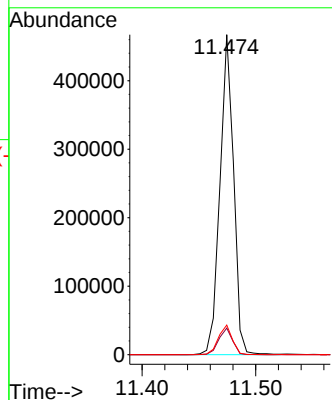


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Instrument :
BNA_F
ClientSampleId :

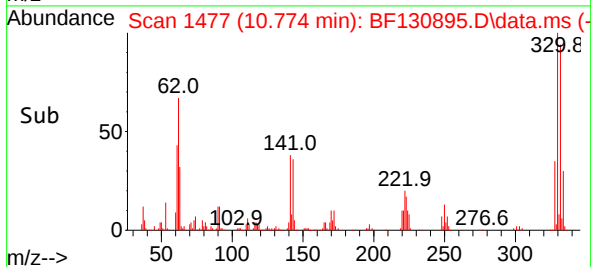
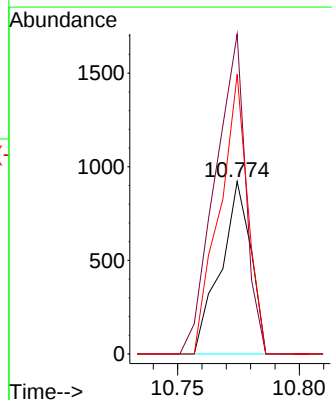
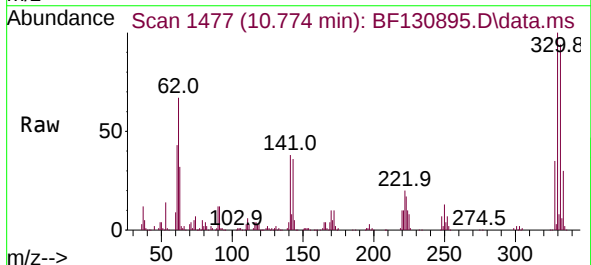


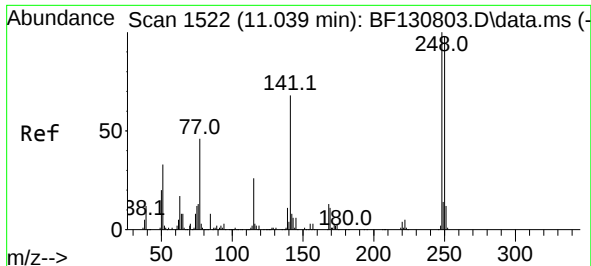
Tgt Ion:188 Resp: 391512
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.333 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

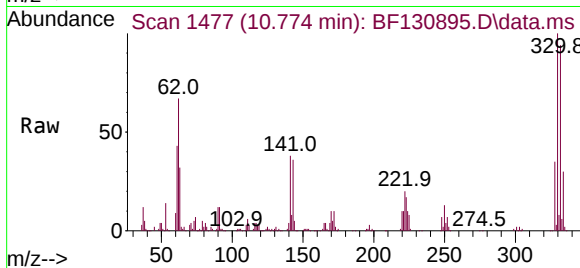
Tgt Ion:198 Resp: 793
Ion Ratio Lower Upper
198 100
51 185.6 39.0 79.0#
105 162.2 30.6 70.6#



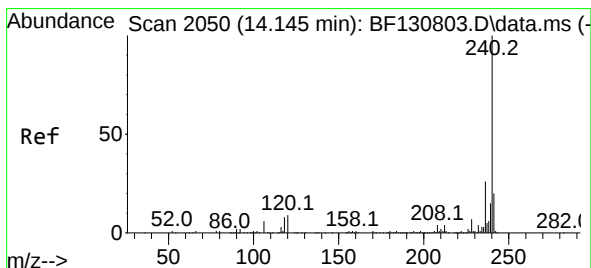
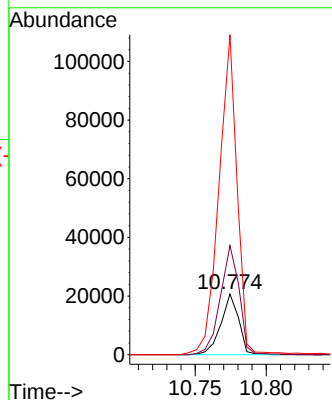
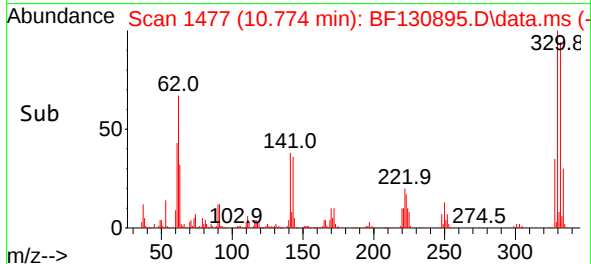


#67
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 10.774 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

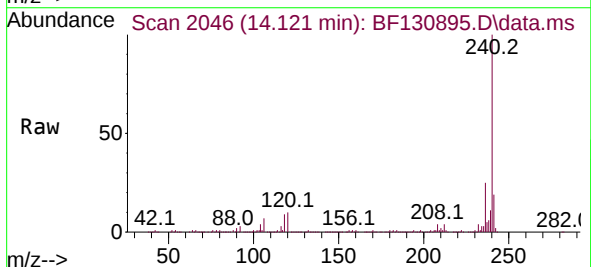
Instrument :
BNA_F
ClientSampleId :



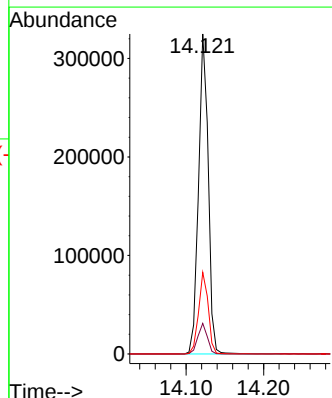
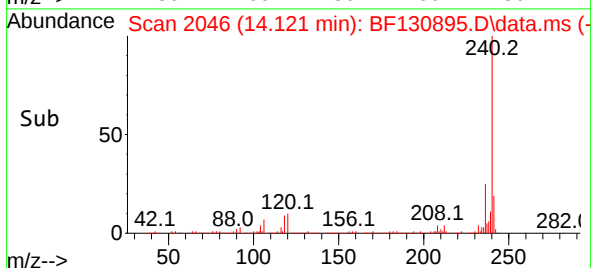
Tgt Ion:248 Resp: 17962
Ion Ratio Lower Upper
248 100
250 179.9 78.6 117.8#
141 527.5 54.2 81.4#

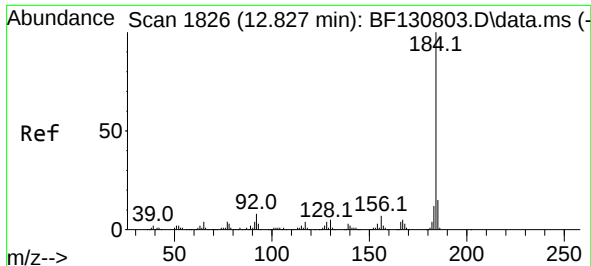


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02



Tgt Ion:240 Resp: 281899
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 25.5 20.5 30.7

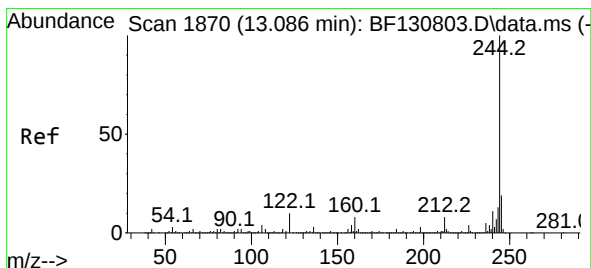
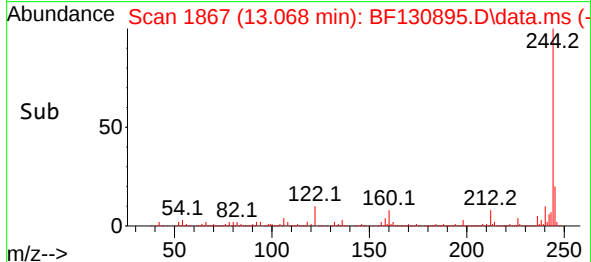
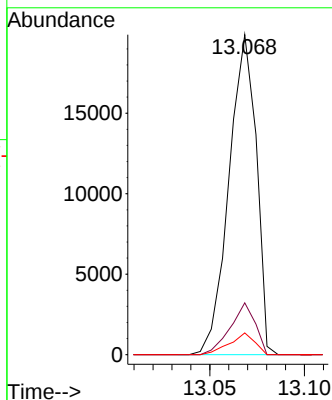
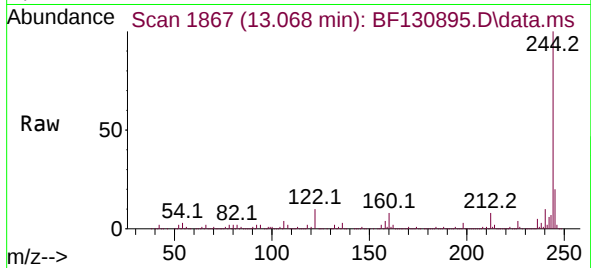




#77
Benzidine
Concen: 2.913 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.253 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

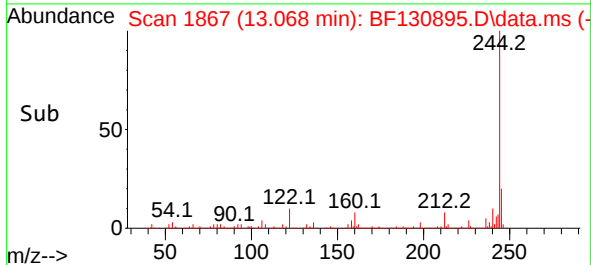
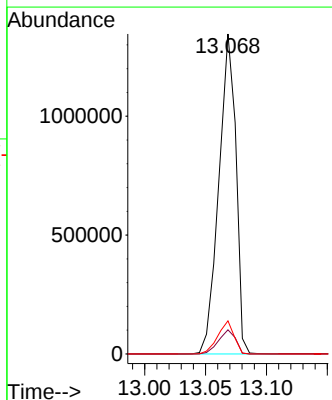
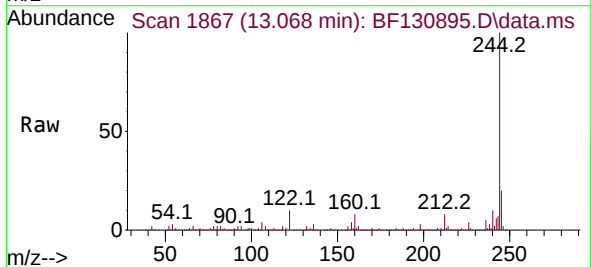
Instrument :
BNA_F
ClientSampleId :

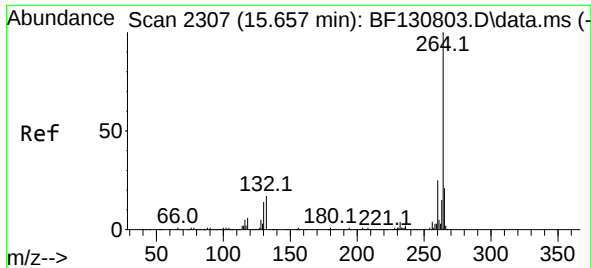
Tgt Ion:184 Resp: 19932
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 6.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 85.621 ng
RT: 13.068 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

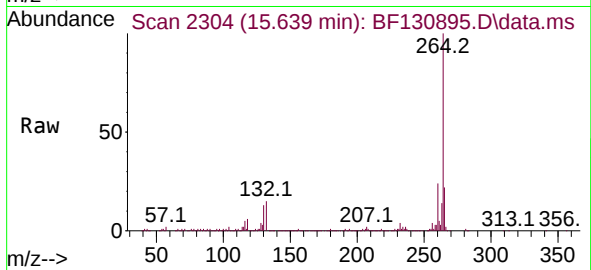
Tgt Ion:244 Resp: 1317162
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.3 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 198976
Ion Ratio Lower Upper
264 100
260 23.5 19.9 29.9
265 21.5 17.0 25.6

