

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130898.D
 Acq On : 01 Nov 2022 13:43
 Operator : CG\JU
 Sample : N5371-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:20:01 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)

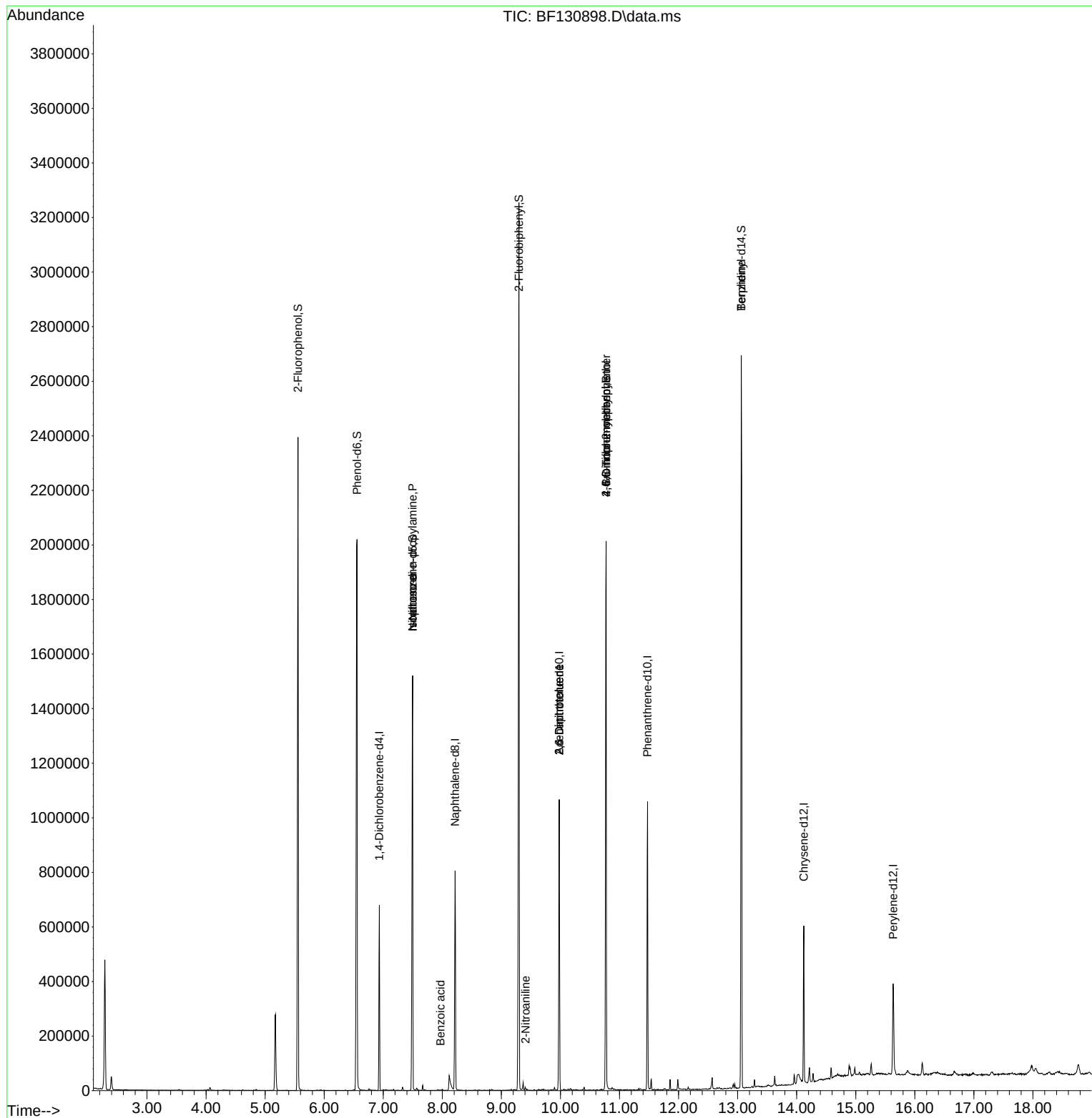
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	85475	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	344394	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	202431	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	365579	20.000	ng	0.00
76) Chrysene-d12	14.121	240	186059	20.000	ng	0.00
86) Perylene-d12	15.633	264	152460	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	571983	116.010	ng	0.00
7) Phenol-d6	6.557	99	752218	117.403	ng	0.00
23) Nitrobenzene-d5	7.498	82	517796	90.659	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	228755	134.241	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	982865	73.407	ng	0.00
79) Terphenyl-d14	13.063	244	924347	91.037	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	72580	16.649	ng	# 76
25) Isophorone	7.498	82	515736	43.789	ng	# 66
32) Benzoic acid	7.969	122	414	7.780	ng	# 17
48) 2-Nitroaniline	9.410	65	116	4.175	ng	# 12
51) 2,6-Dinitrotoluene	9.981	165	26315	12.166	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	26315	11.019	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	729	8.327	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	15057	4.095	ng	# 1
77) Benzidine	13.063	184	14083	3.118	ng	# 91

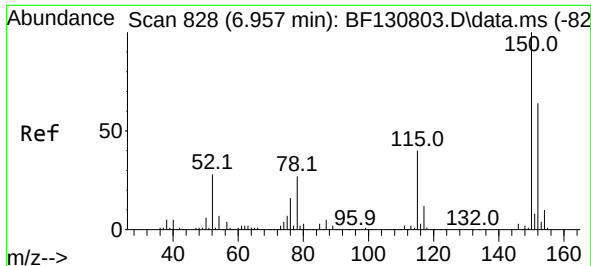
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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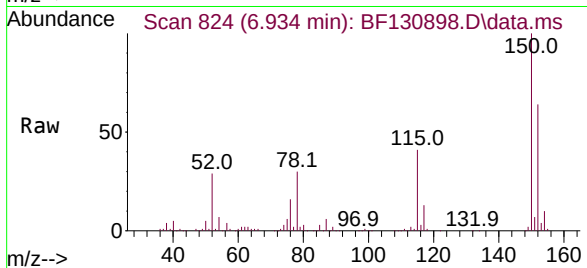
Quant Time: Nov 02 08:20:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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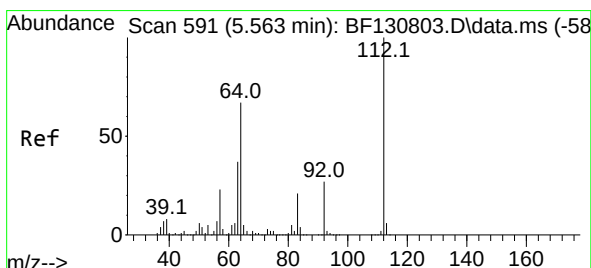
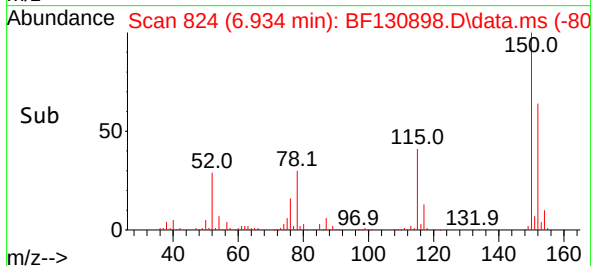
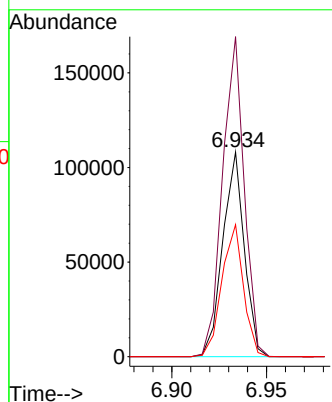


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Instrument :
BNA_F
ClientSampleId :

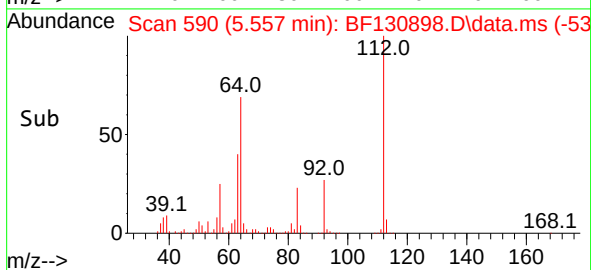
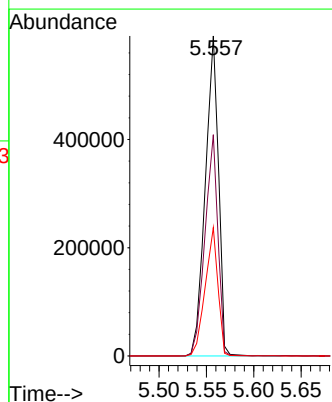
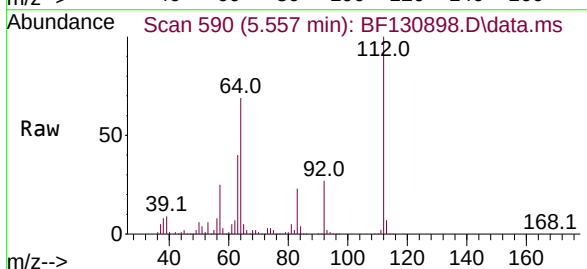


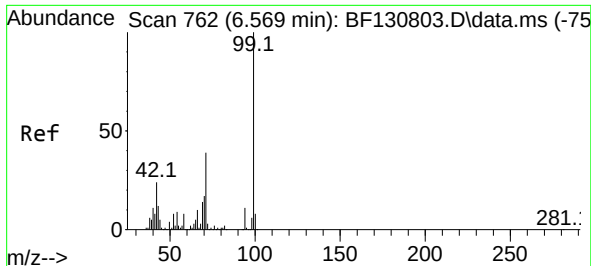
Tgt Ion:152 Resp: 85475
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 64.5 50.1 75.1



#5
2-Fluorophenol
Concen: 116.010 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.006 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Tgt Ion:112 Resp: 571983
Ion Ratio Lower Upper
112 100
64 69.1 53.9 80.9
63 40.1 29.4 44.2

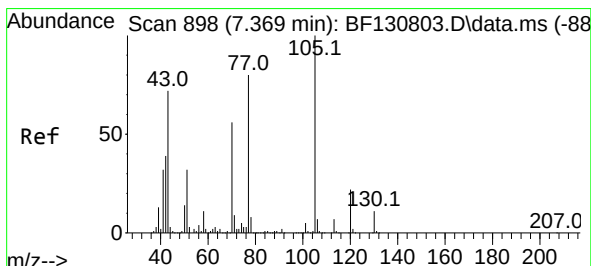
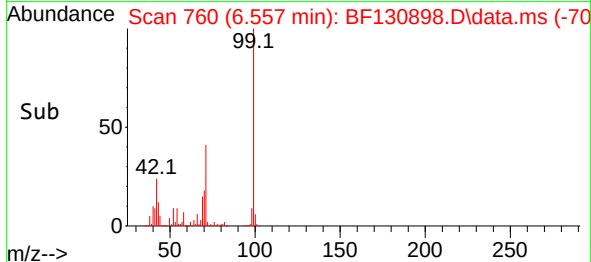
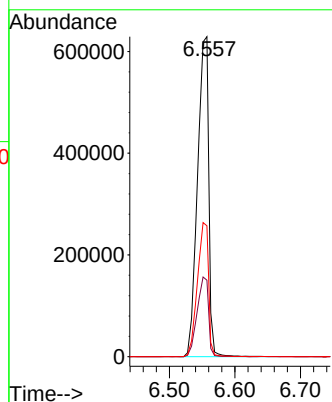
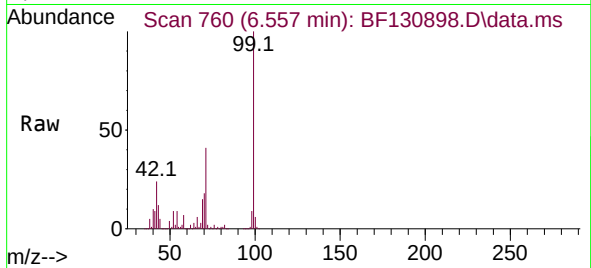




#7
Phenol-d6
Concen: 117.403 ng
RT: 6.557 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

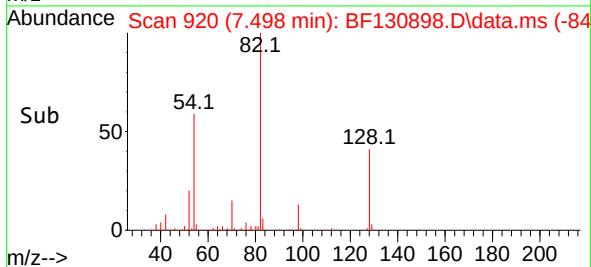
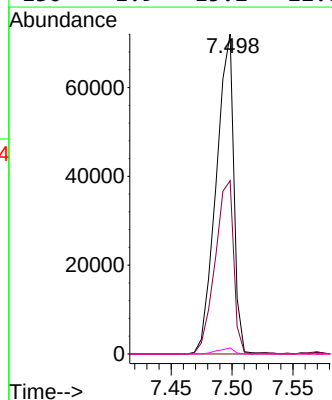
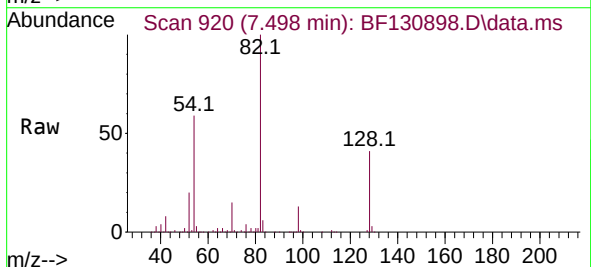
Instrument :
BNA_F
ClientSampleId :

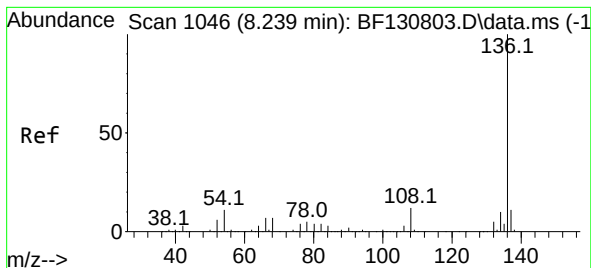
Tgt Ion: 99 Resp: 752218
Ion Ratio Lower Upper
99 100
42 23.9 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.649 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Tgt Ion: 70 Resp: 72580
Ion Ratio Lower Upper
70 100
42 54.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 344394

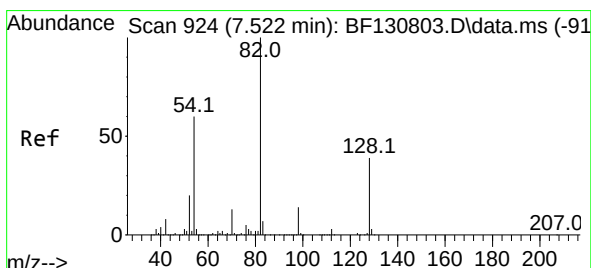
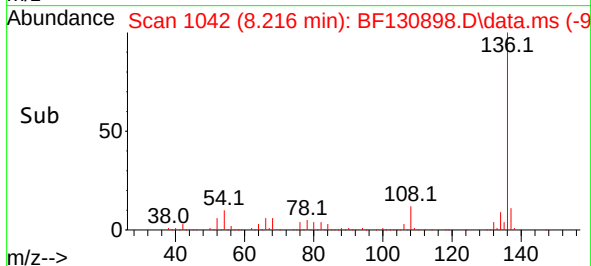
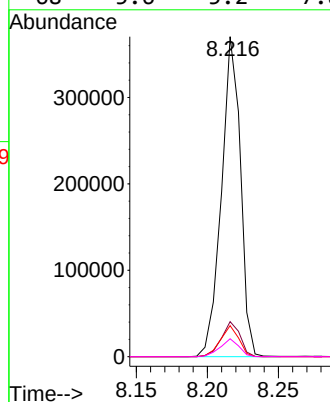
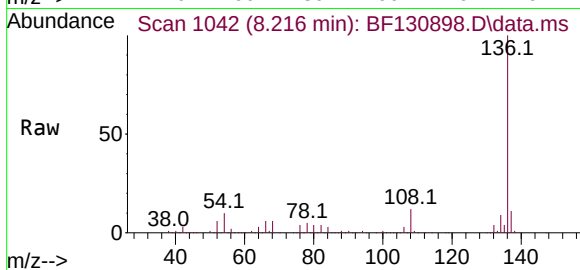
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.7 8.8 13.2

68 5.6 5.2 7.8



#23

Nitrobenzene-d5

Concen: 90.659 ng

RT: 7.498 min Scan# 920

Delta R.T. -0.006 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

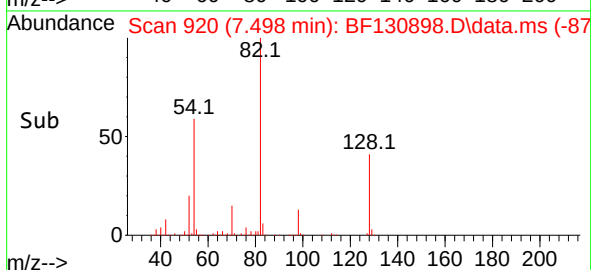
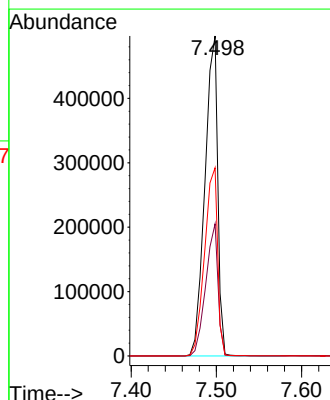
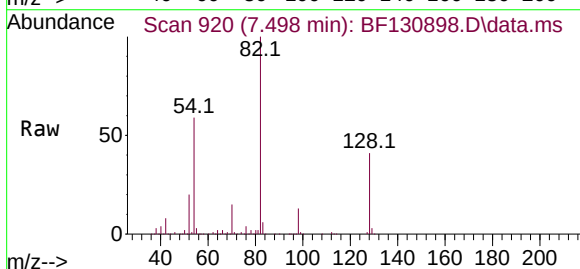
Tgt Ion: 82 Resp: 517796

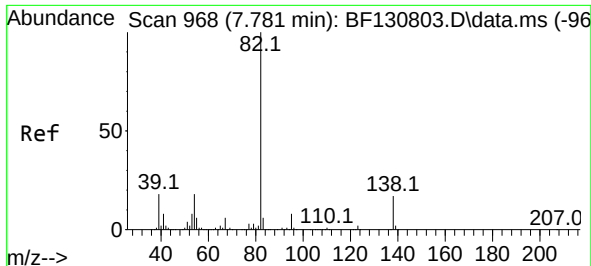
Ion Ratio Lower Upper

82 100

128 41.3 31.2 46.8

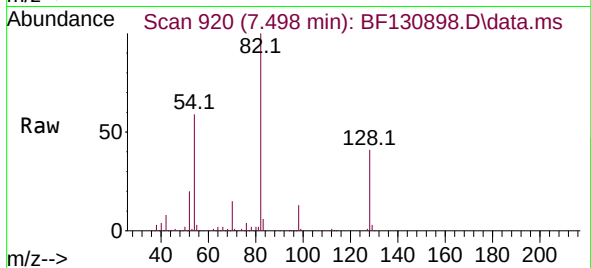
54 58.8 48.0 72.0



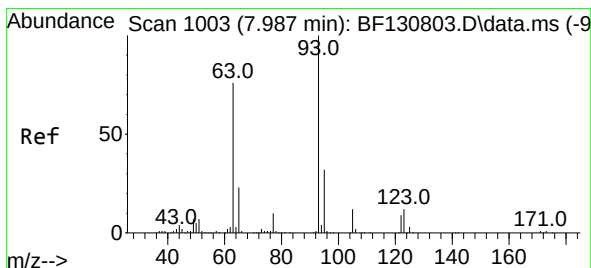
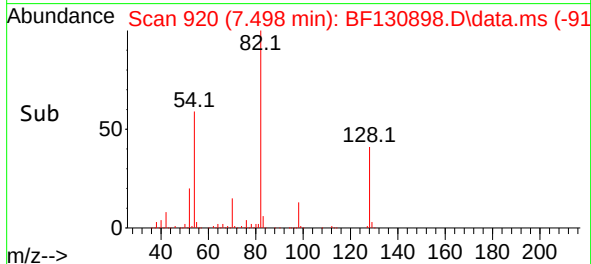
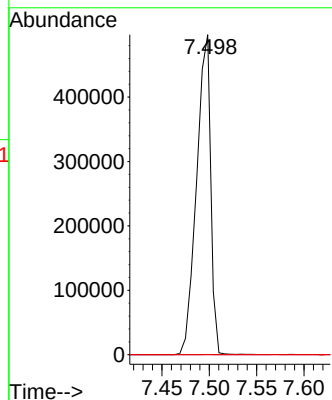


#25
Isophorone
Concen: 43.789 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Instrument :
BNA_F
ClientSampleId :

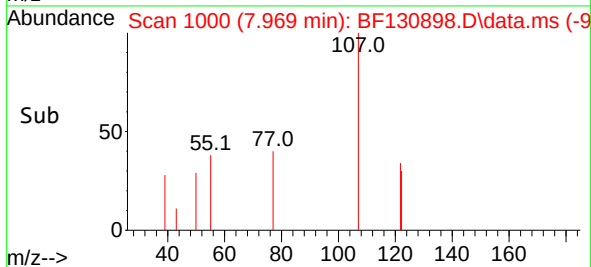
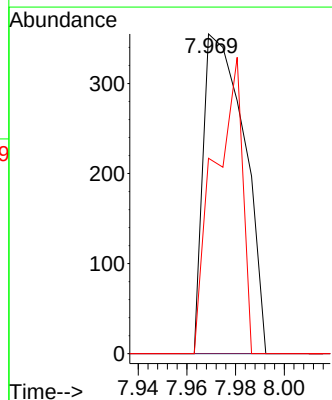
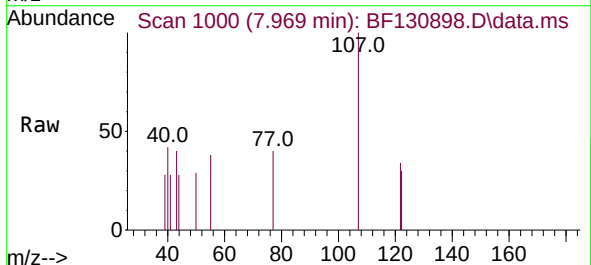


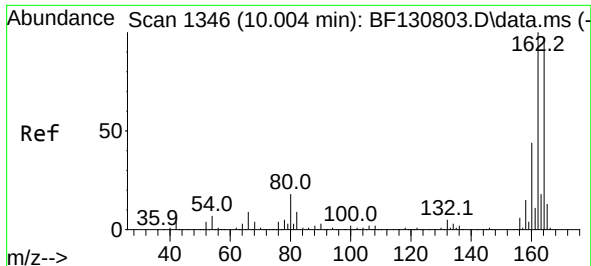
Tgt Ion: 82 Resp: 515736
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.780 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

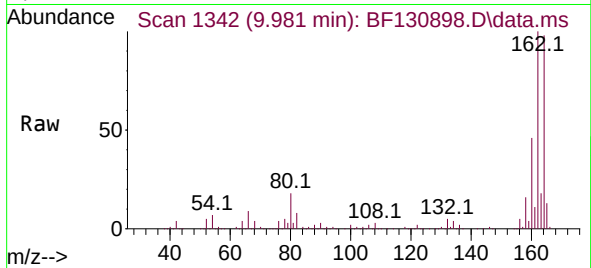
Tgt Ion: 122 Resp: 414
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 61.1 89.8 129.8#



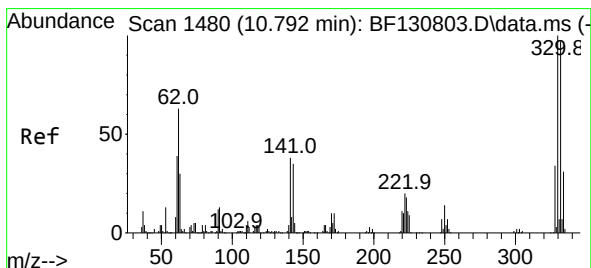
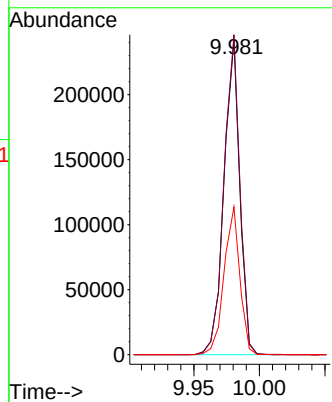
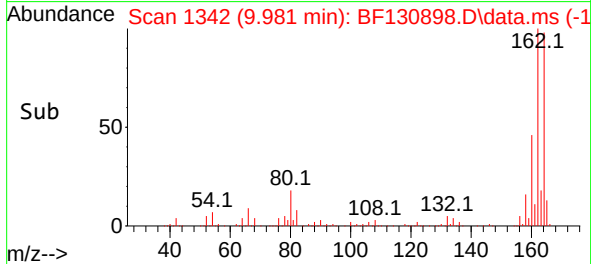


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

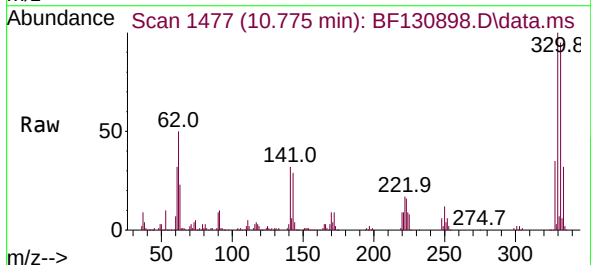
Instrument :
BNA_F
ClientSampleId :



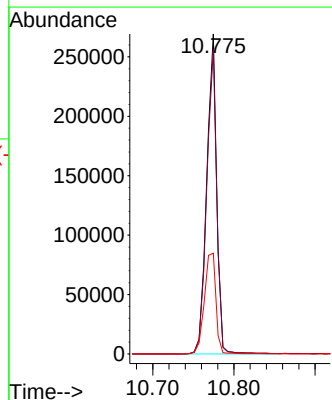
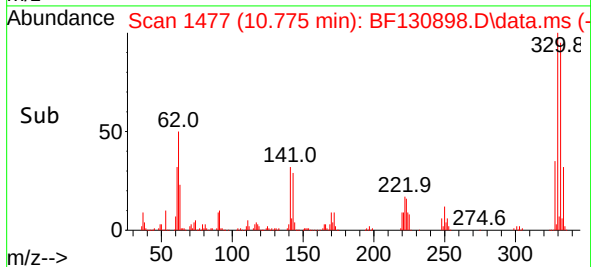
Tgt Ion:164 Resp: 202431
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.2
160 47.0 36.6 54.8

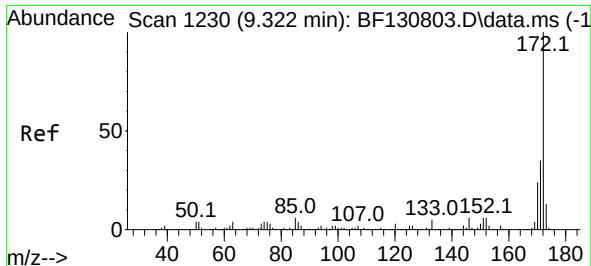


#42
2,4,6-Tribromophenol
Concen: 134.241 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43



Tgt Ion:330 Resp: 228755
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 36.9 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 73.407 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

Instrument :

BNA_F

ClientSampleId :

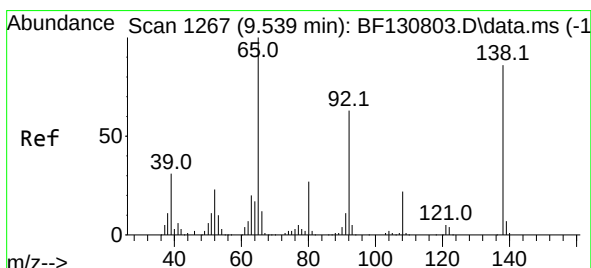
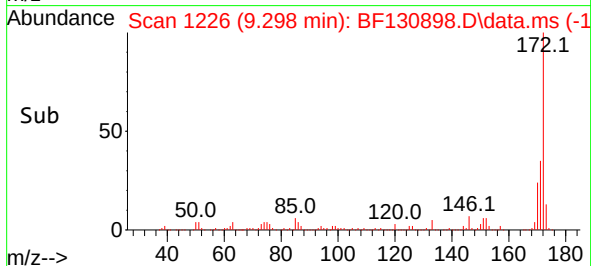
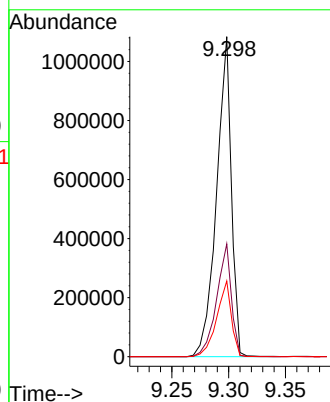
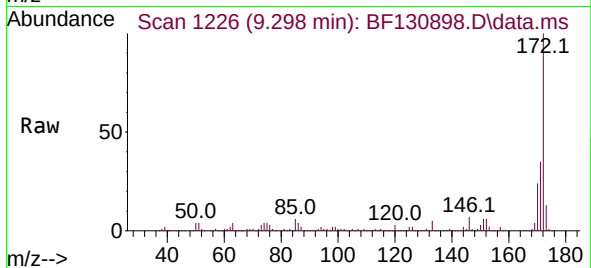
Tgt Ion:172 Resp: 982865

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 4.175 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.118 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

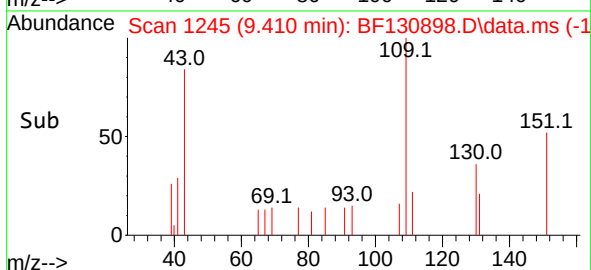
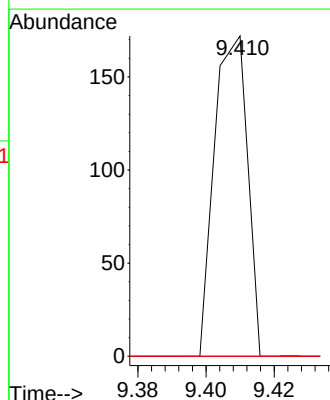
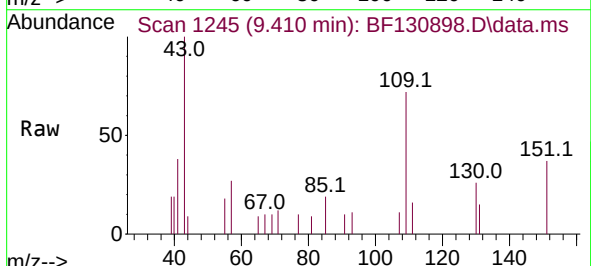
Tgt Ion: 65 Resp: 116

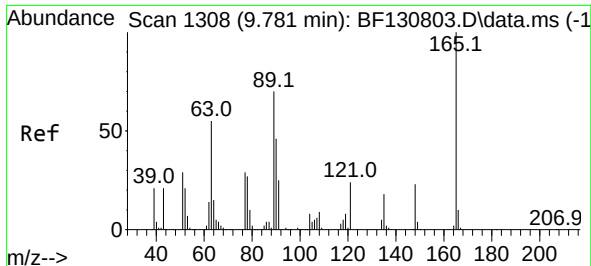
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

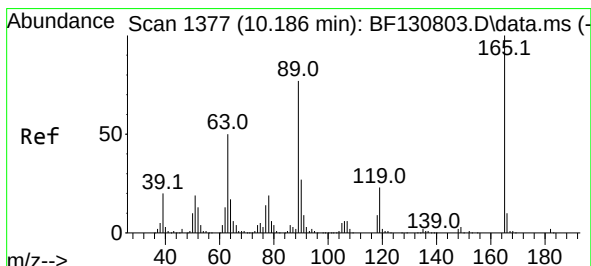
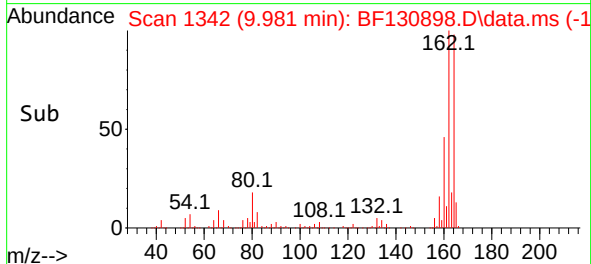
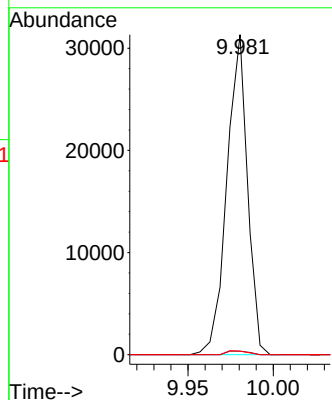
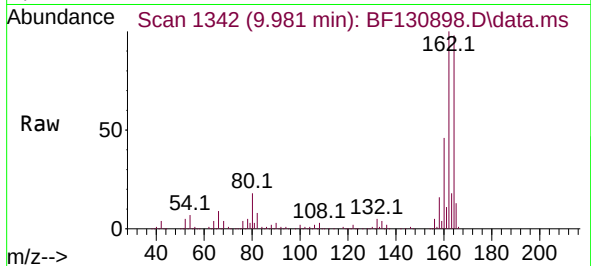




#51
2,6-Dinitrotoluene
Concen: 12.166 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

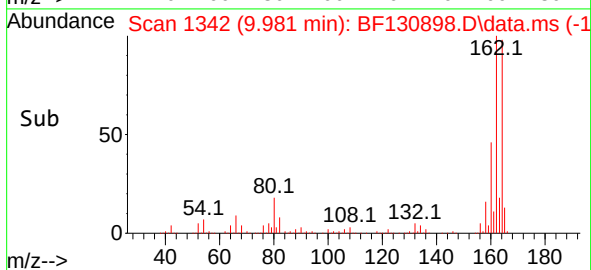
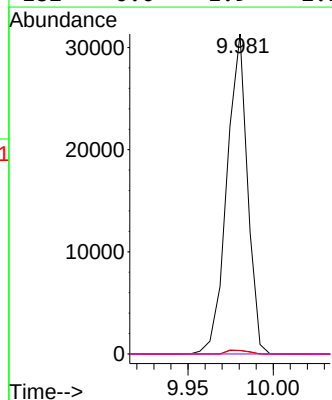
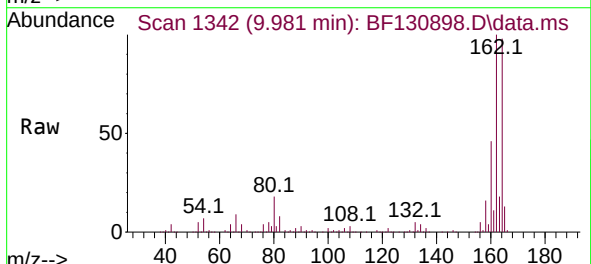
Instrument :
BNA_F
ClientSampleId :

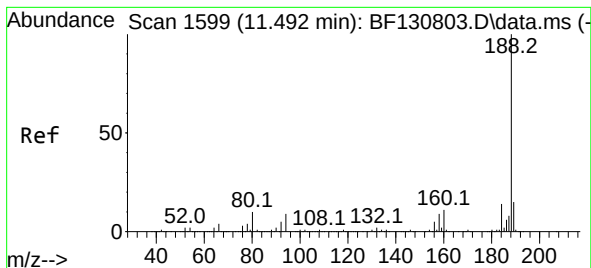
Tgt Ion:165 Resp: 26315
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.1 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.019 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Tgt Ion:165 Resp: 26315
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

Instrument :

BNA_F

ClientSampleId :

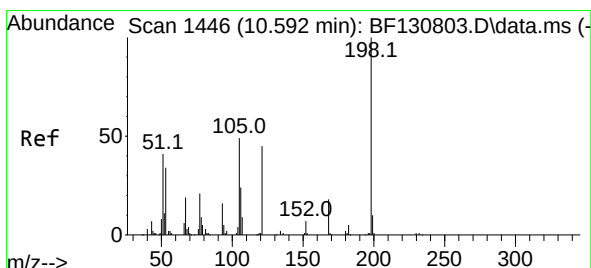
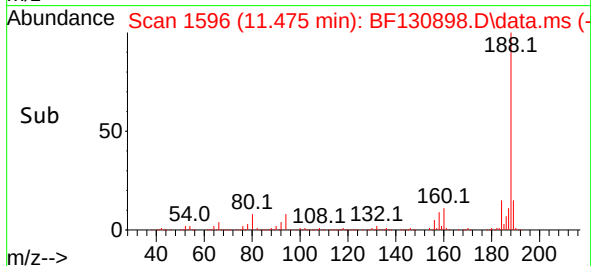
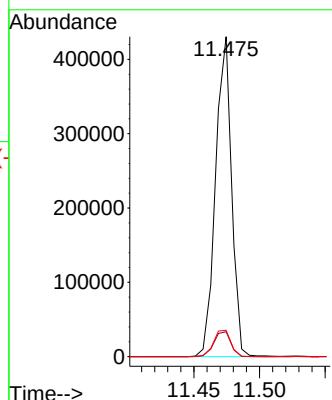
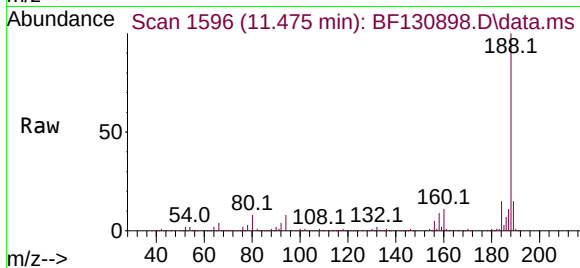
Tgt Ion:188 Resp: 365579

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 8.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.327 ng

RT: 10.775 min Scan# 1477

Delta R.T. 0.194 min

Lab File: BF130898.D

Acq: 01 Nov 2022 13:43

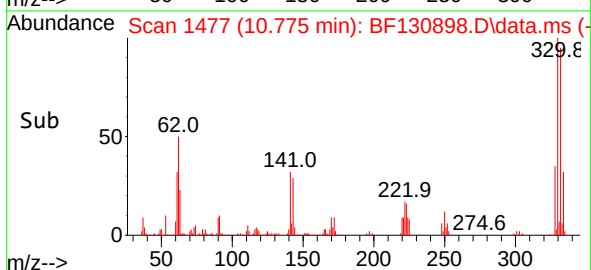
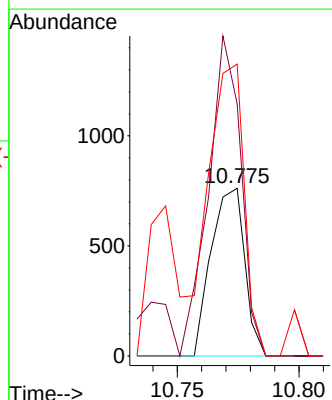
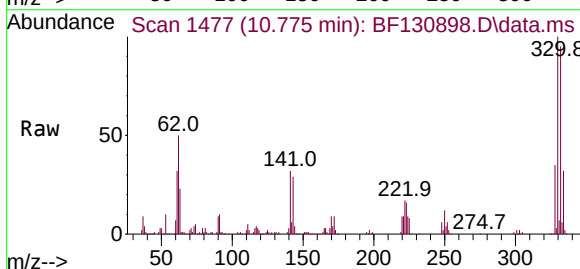
Tgt Ion:198 Resp: 729

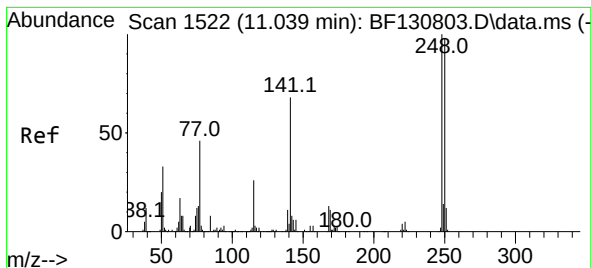
Ion Ratio Lower Upper

198 100

51 150.4 39.0 79.0#

105 174.0 30.6 70.6#

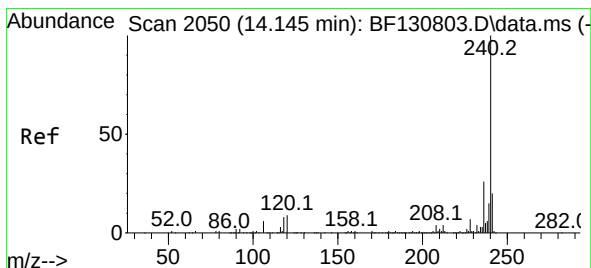
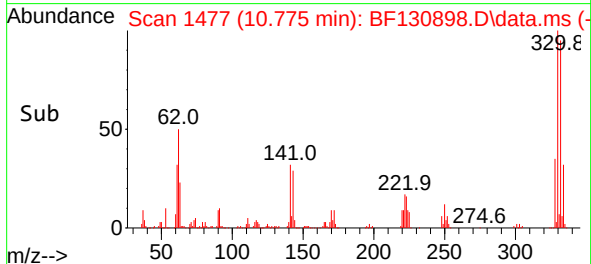
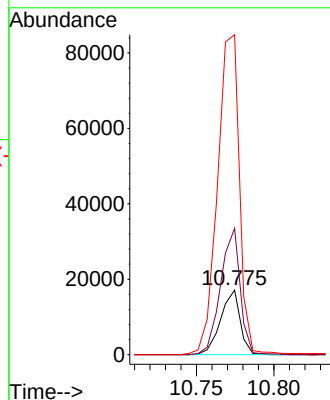
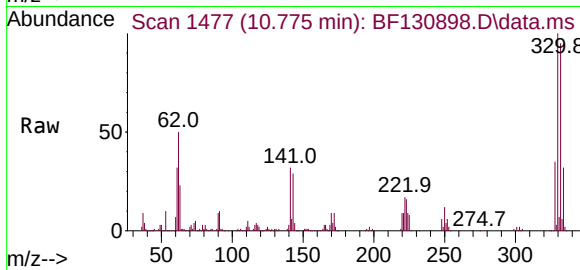




#67
4-Bromophenyl-phenylether
Concen: 4.095 ng
RT: 10.775 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

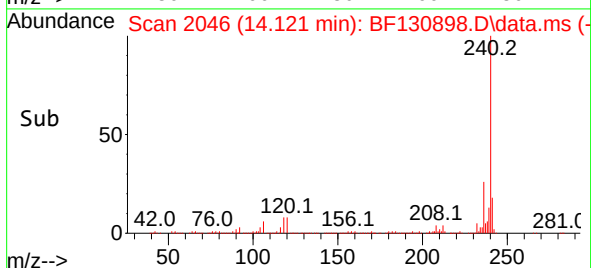
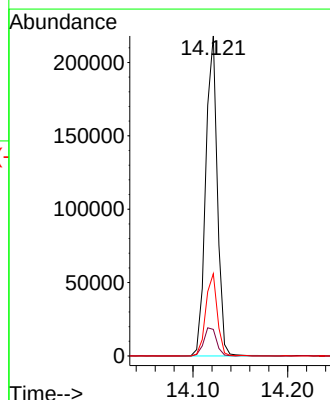
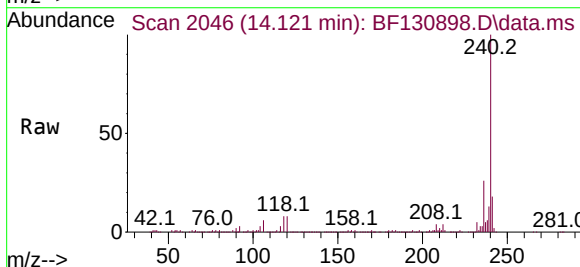
Instrument :
BNA_F
ClientSampleId :

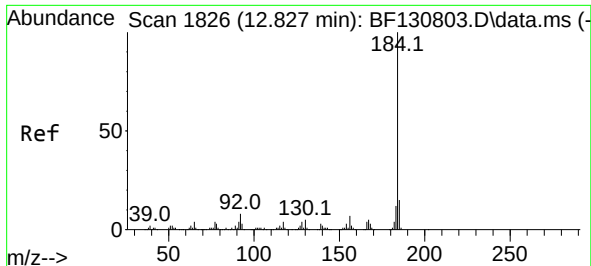
Tgt Ion:248 Resp: 15057
Ion Ratio Lower Upper
248 100
250 195.4 78.6 117.8#
141 494.9 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Tgt Ion:240 Resp: 186059
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.4
236 25.7 20.5 30.7

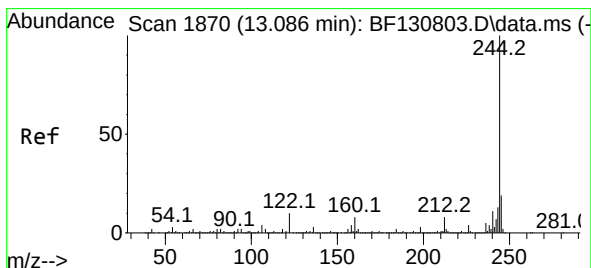
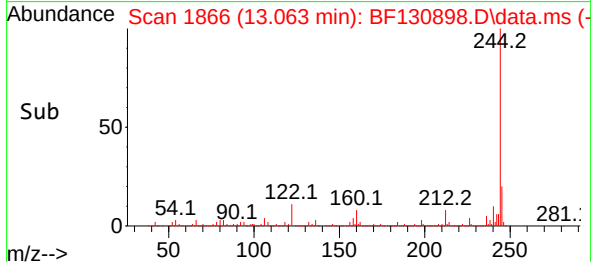
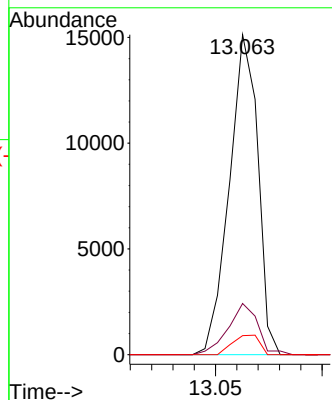
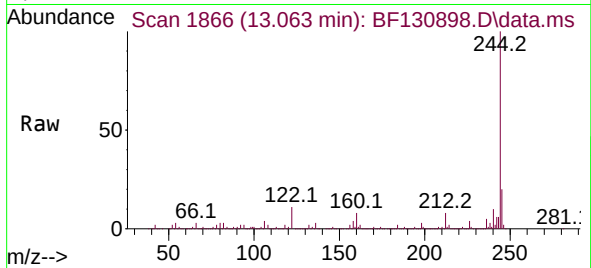




#77
Benzidine
Concen: 3.118 ng
RT: 13.063 min Scan# 1866
Delta R.T. 0.247 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

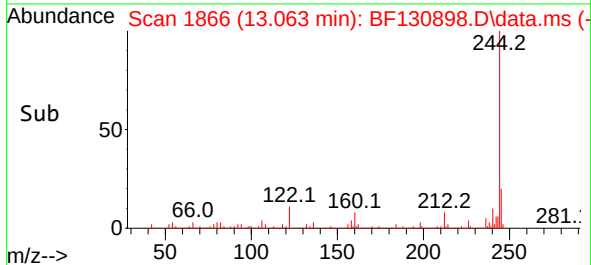
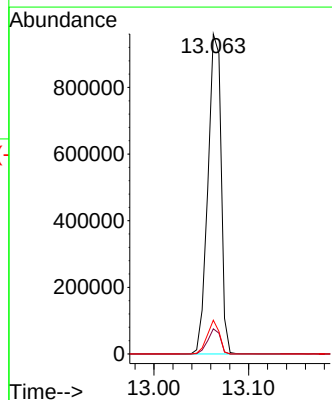
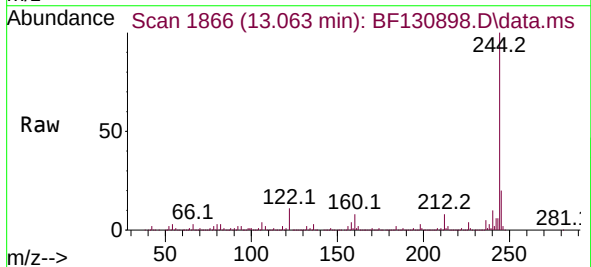
Instrument :
BNA_F
ClientSampleId :

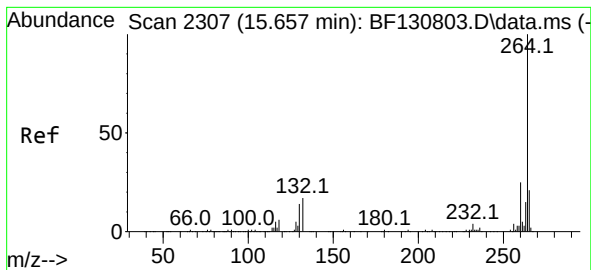
Tgt Ion:184 Resp: 14083
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 6.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 91.037 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

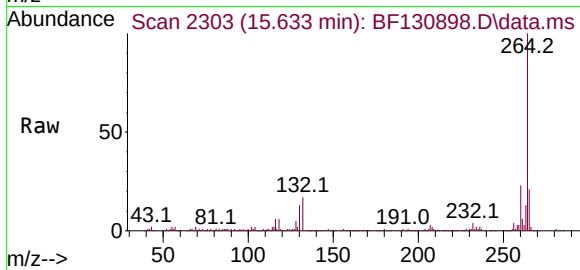
Tgt Ion:244 Resp: 924347
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130898.D
Acq: 01 Nov 2022 13:43

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 152460

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.9	29.9
265	21.0	17.0	25.6

