

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130628.D
 Acq On : 12 Oct 2022 14:10
 Operator : CG\JU
 Sample : N5067-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C23(22-23)

Quant Time: Oct 13 05:44:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

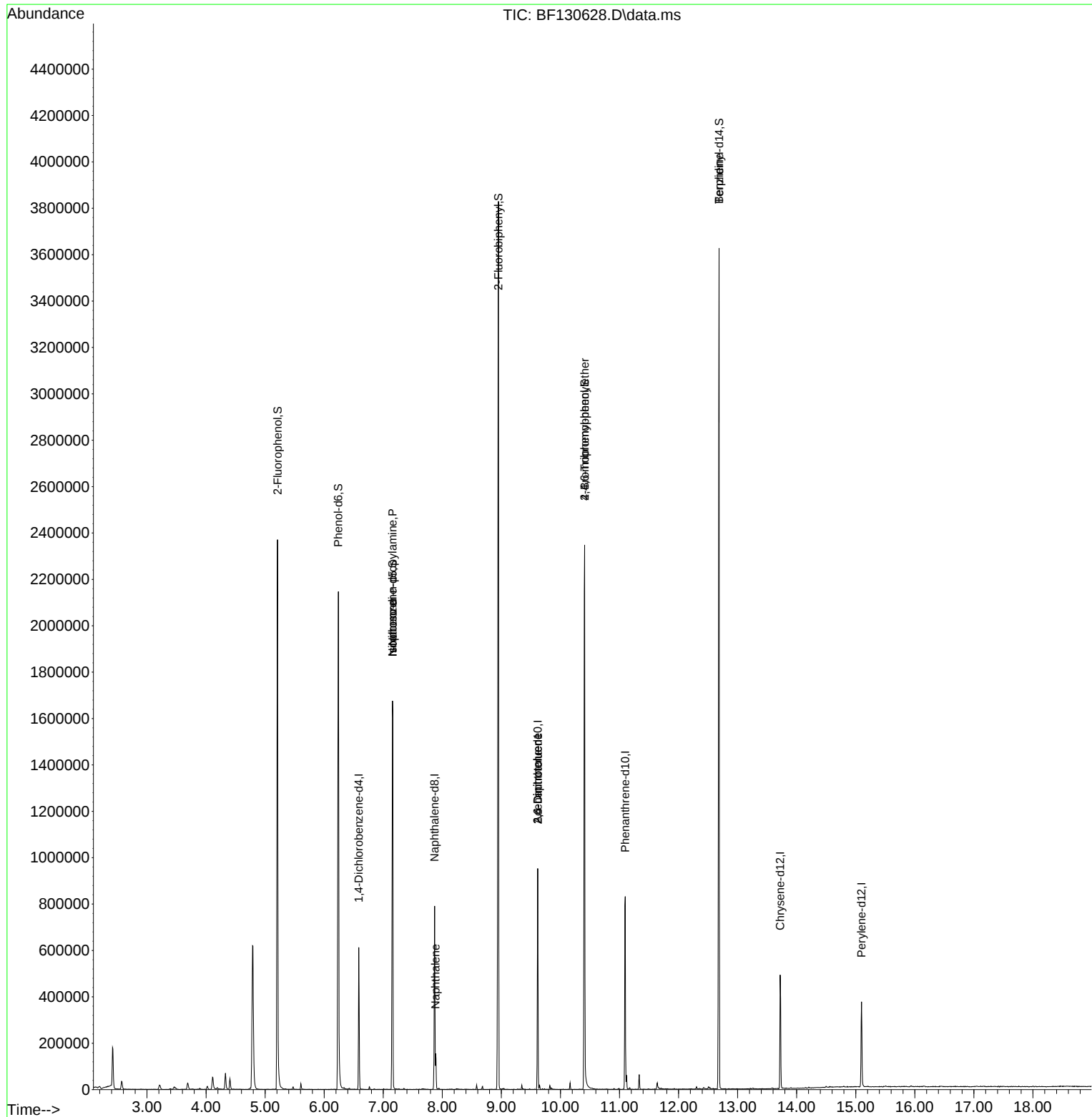
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	82753	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	334189	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	181689	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	304524	20.000	ng	0.00
76) Chrysene-d12	13.721	240	159842	20.000	ng	0.00
86) Perylene-d12	15.098	264	151383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	716526	156.075	ng	0.02
7) Phenol-d6	6.239	99	802164	138.974	ng	0.00
23) Nitrobenzene-d5	7.157	82	626051	102.267	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	321276	180.714	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1279037	106.634	ng	0.00
79) Terphenyl-d14	12.686	244	1224563	127.153	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	84802	22.772	ng	# 78
25) Isophorone	7.157	82	626047	61.446	ng	# 64
31) Naphthalene	7.886	128	66628	3.852	ng	# 99
51) 2,6-Dinitrotoluene	9.616	165	23467	8.506	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	23467	6.618	ng	# 14
67) 4-Bromophenyl-phenylether	10.410	248	19516	5.664	ng	# 1
77) Benzidine	12.686	184	16272	4.028	ng	# 91

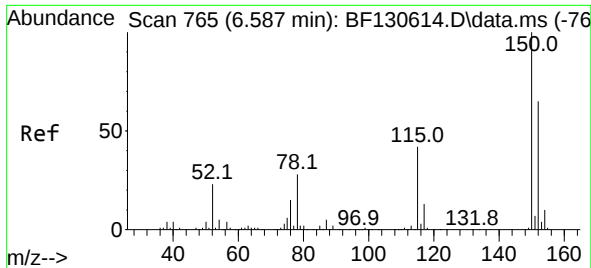
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
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BNA_F
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C23(22-23)

Quant Time: Oct 13 05:44:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

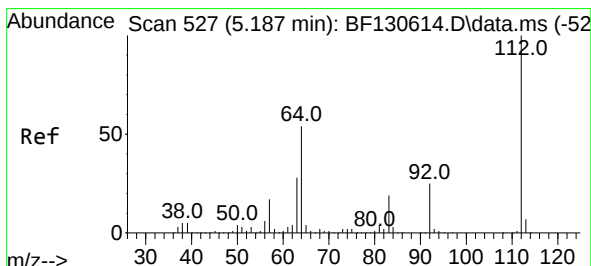
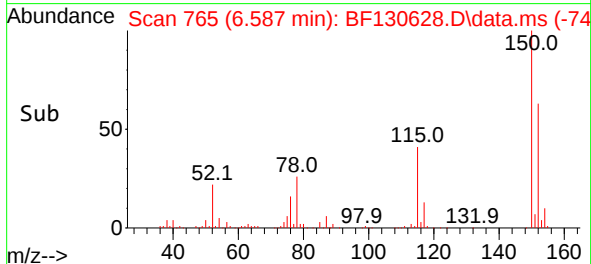
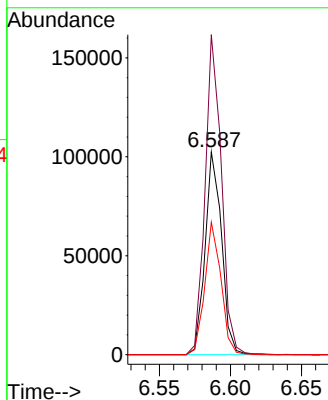
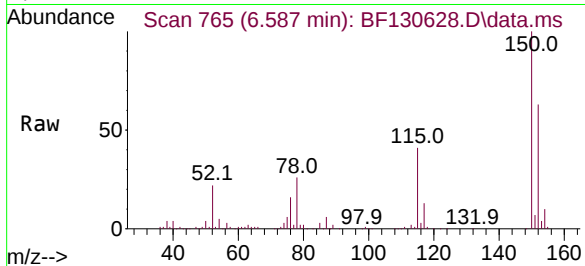




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130628.D
 Acq: 12 Oct 2022 14:10

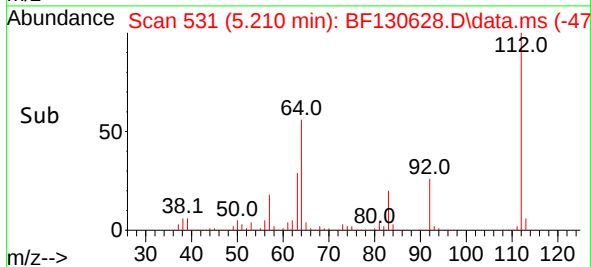
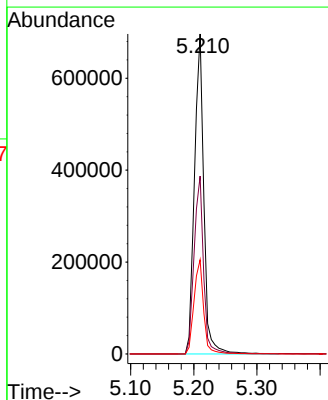
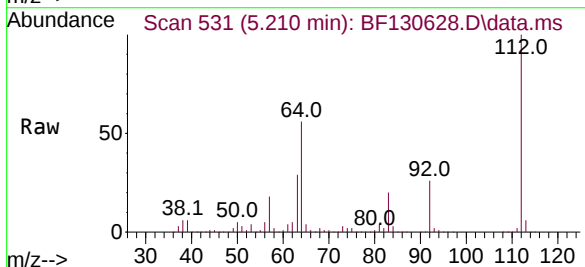
Instrument :
 BNA_F
 ClientSampleId :
 C23(22-23)

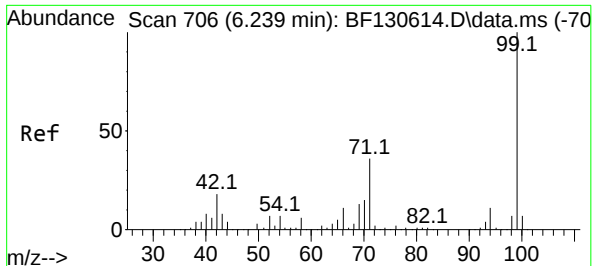
Tgt Ion:152 Resp: 82753
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.8 185.6
 115 65.4 52.2 78.4



#5
 2-Fluorophenol
 Concen: 156.075 ng
 RT: 5.210 min Scan# 531
 Delta R.T. 0.024 min
 Lab File: BF130628.D
 Acq: 12 Oct 2022 14:10

Tgt Ion:112 Resp: 716526
 Ion Ratio Lower Upper
 112 100
 64 55.6 43.5 65.3
 63 29.4 22.6 34.0

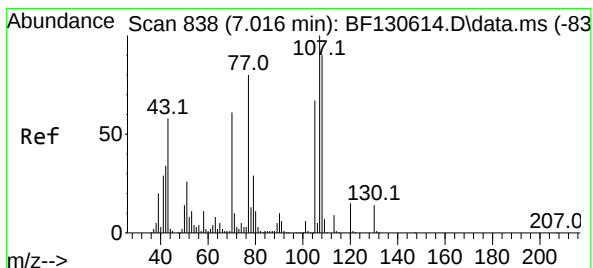
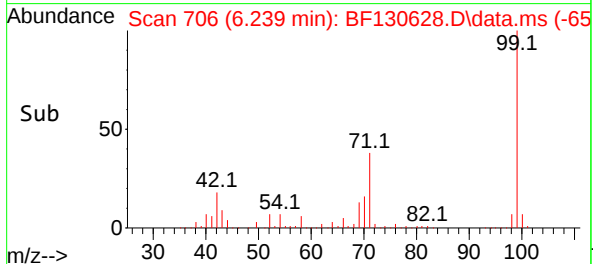
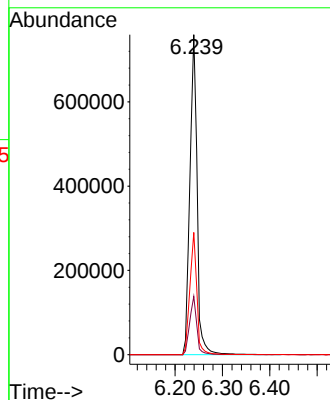
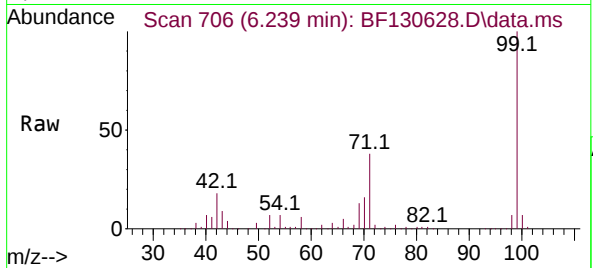




#7
Phenol-d6
Concen: 138.974 ng
RT: 6.239 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

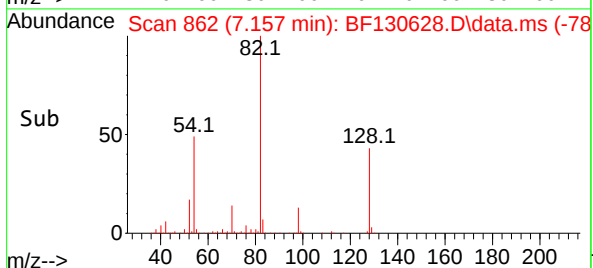
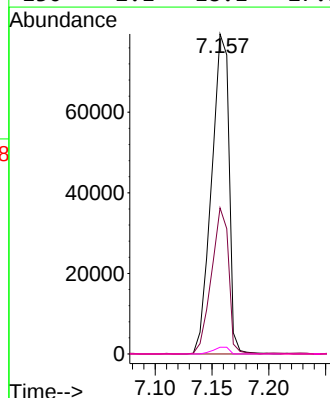
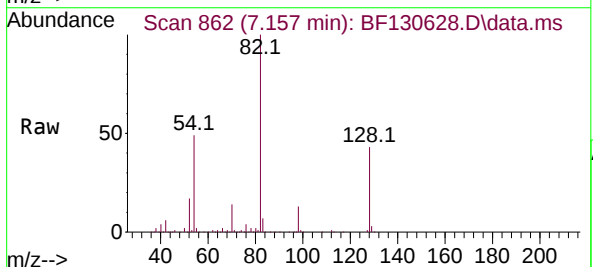
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

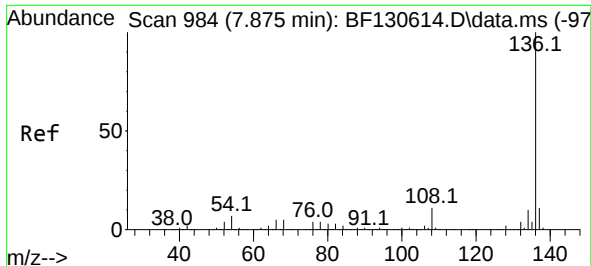
Tgt Ion: 99 Resp: 802164
Ion Ratio Lower Upper
99 100
42 18.2 14.0 21.0
71 38.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.772 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 70 Resp: 84802
Ion Ratio Lower Upper
70 100
42 45.6 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

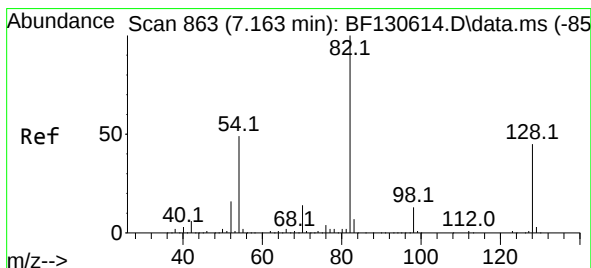
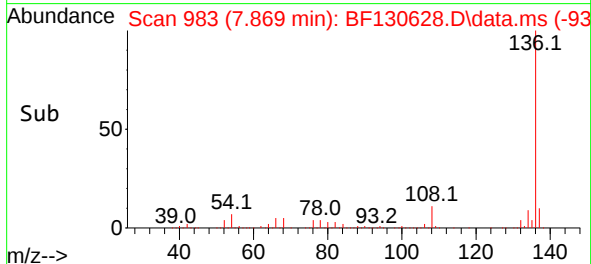
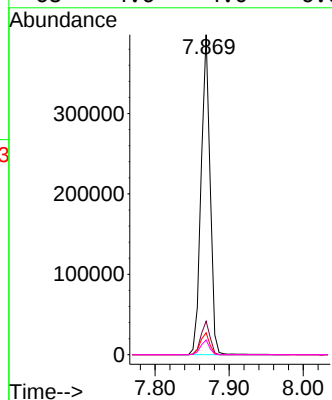
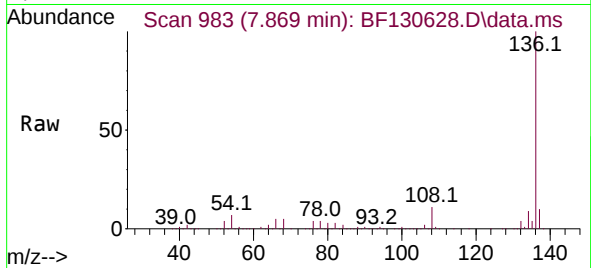




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

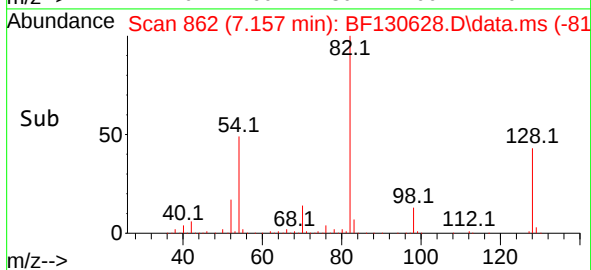
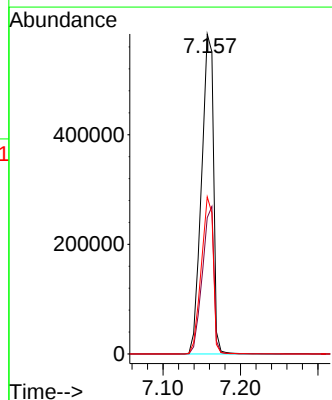
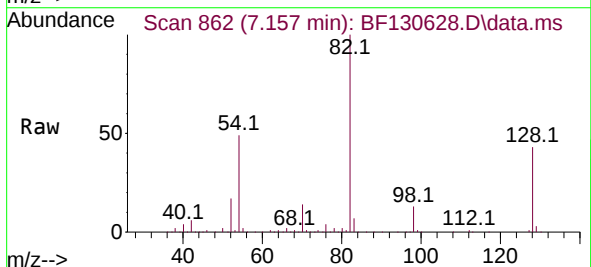
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

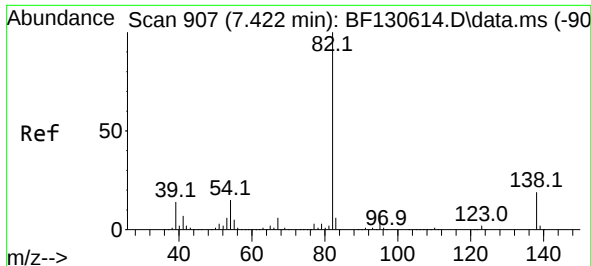
Tgt Ion:136 Resp: 334189
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.9 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 102.267 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 82 Resp: 626051
Ion Ratio Lower Upper
82 100
128 42.6 35.8 53.6
54 49.1 39.3 58.9

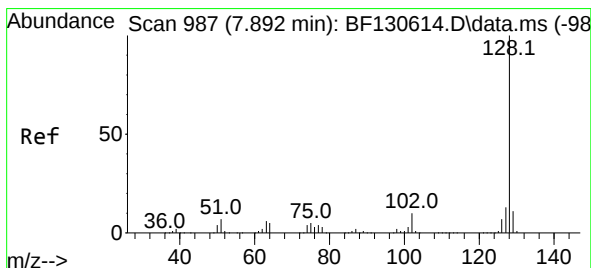
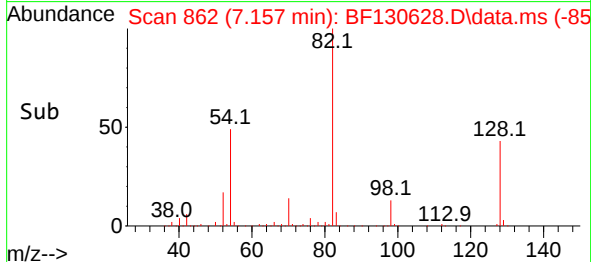
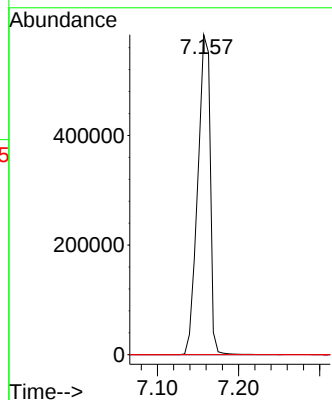
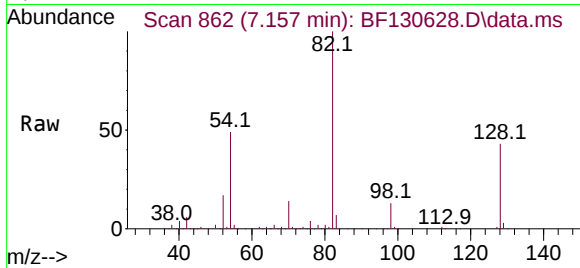




#25
Isophorone
Concen: 61.446 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

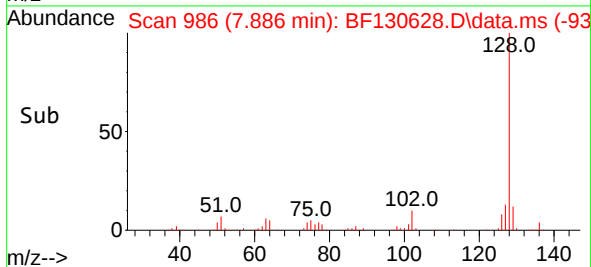
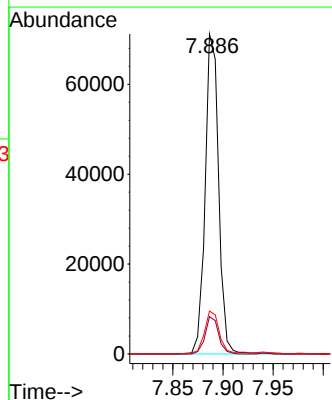
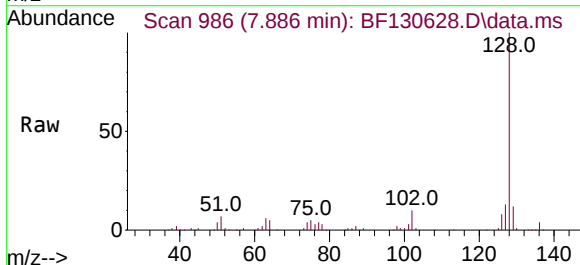
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

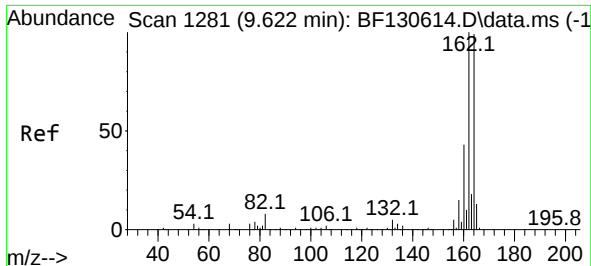
Tgt Ion: 82 Resp: 626047
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 3.852 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 128 Resp: 66628
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.4 10.3 15.5

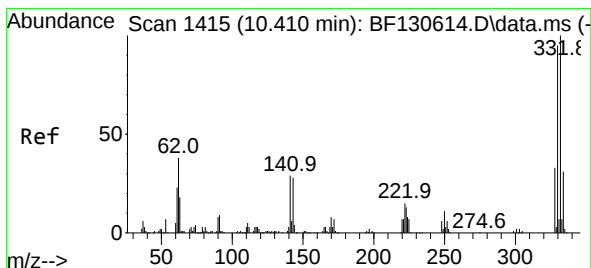
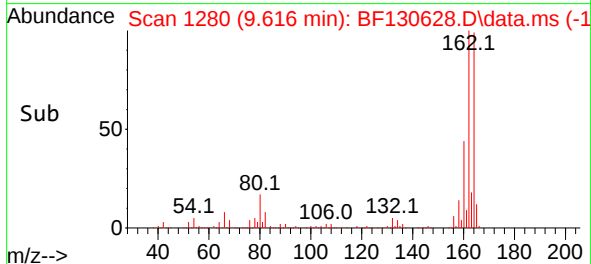
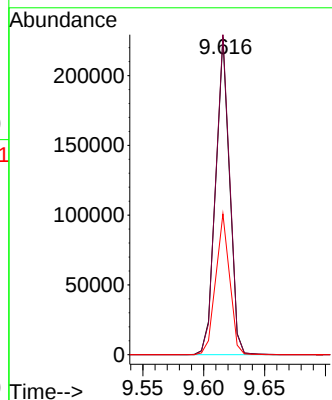
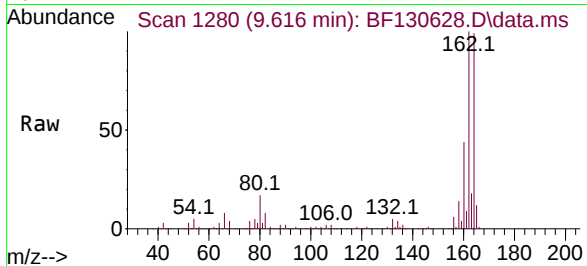




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

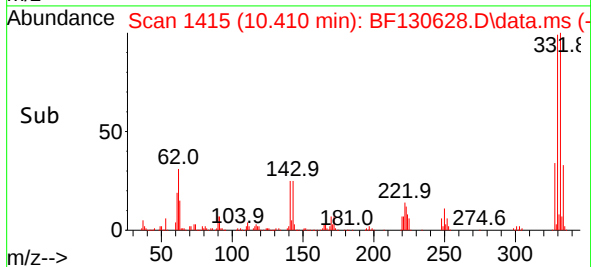
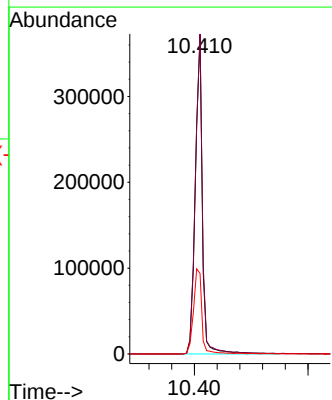
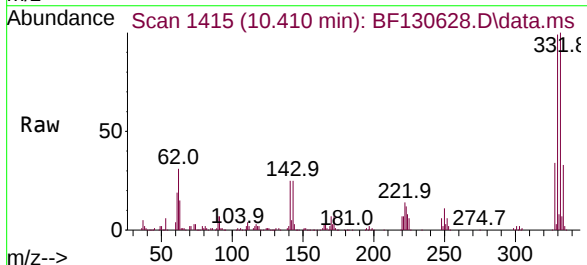
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

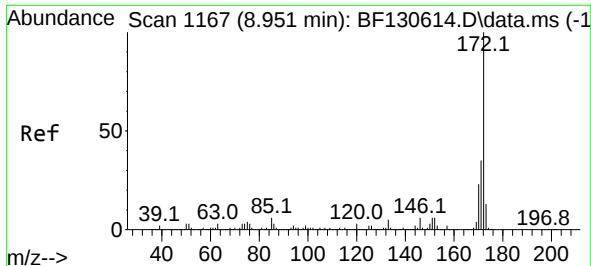
Tgt Ion:164 Resp: 181689
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.4 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 180.714 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion:330 Resp: 321276
Ion Ratio Lower Upper
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332 101.9 84.2 126.4
141 31.5 26.8 40.2

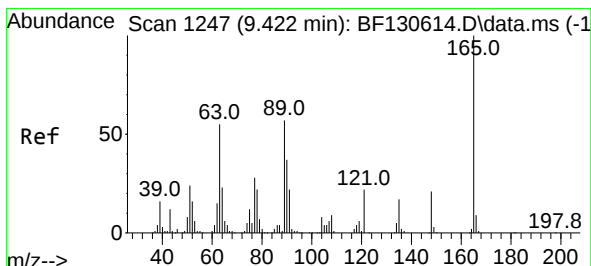
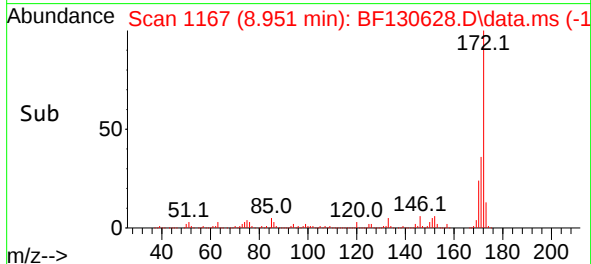
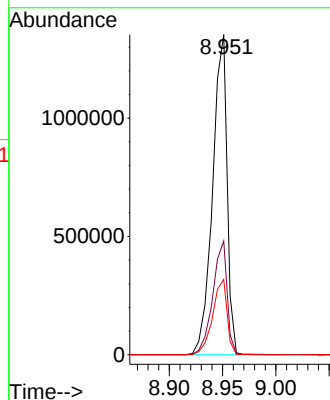
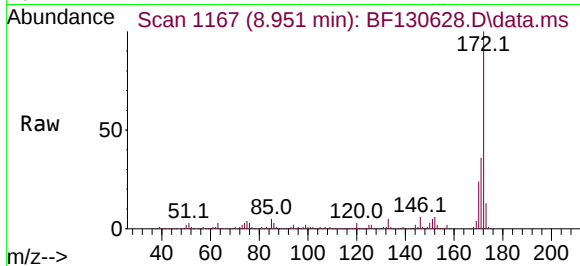




#45
2-Fluorobiphenyl
Concen: 106.634 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

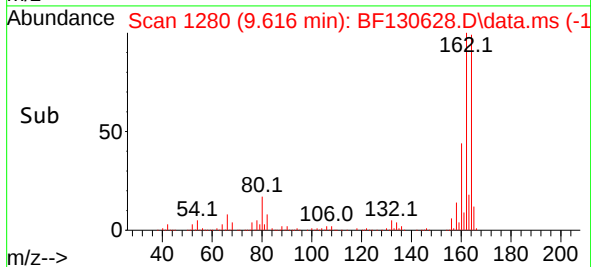
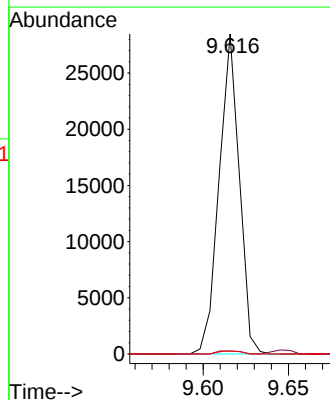
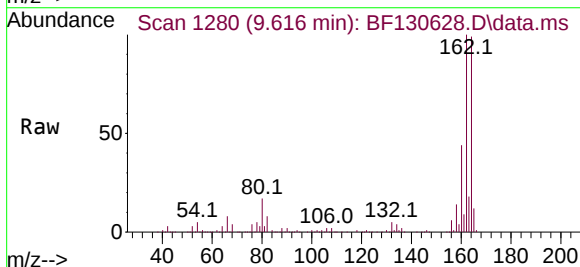
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

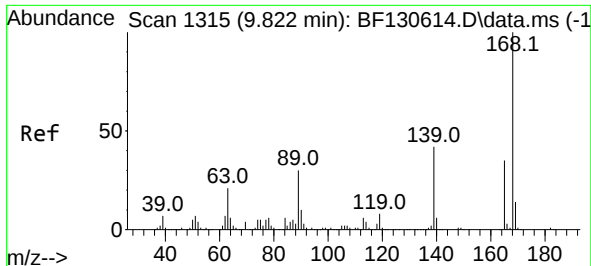
Tgt Ion:172 Resp: 1279037
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion:165 Resp: 23467
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 1.0 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.618 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF130628.D

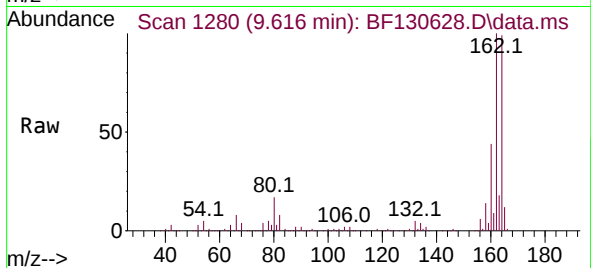
Acq: 12 Oct 2022 14:10

Instrument :

BNA_F

ClientSampleId :

C23(22-23)



Tgt Ion:165 Resp: 23467

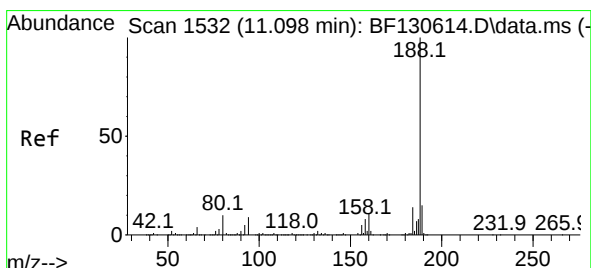
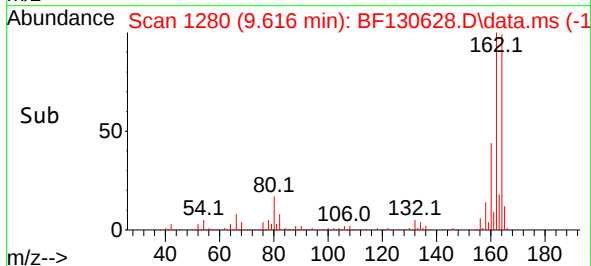
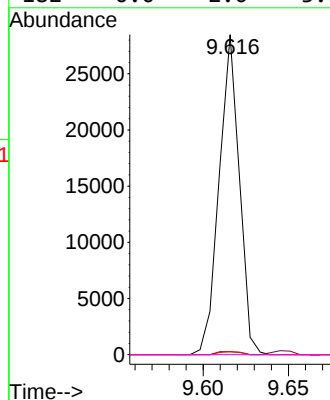
Ion Ratio Lower Upper

165 100

63 0.9 50.6 76.0#

89 1.0 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF130628.D

Acq: 12 Oct 2022 14:10

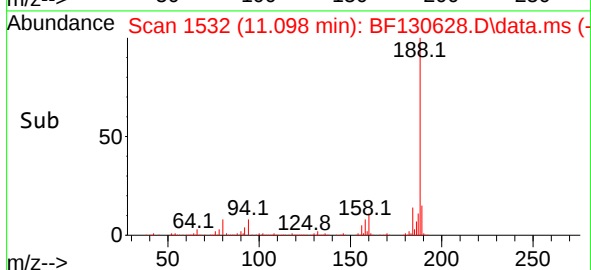
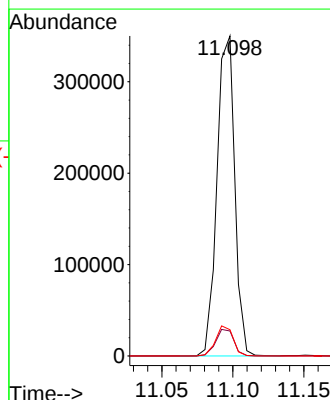
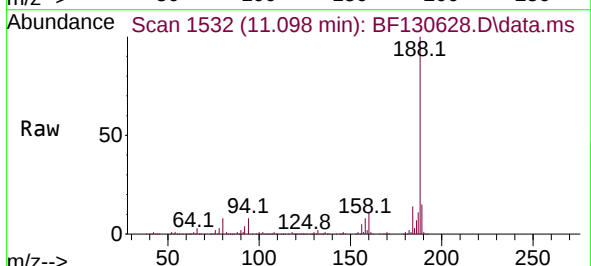
Tgt Ion:188 Resp: 304524

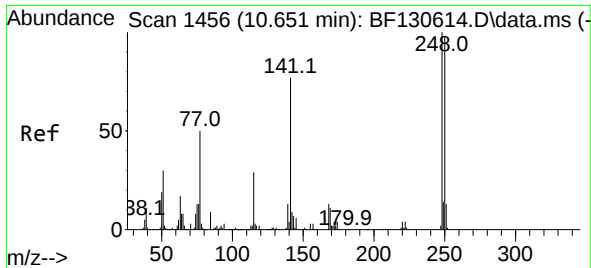
Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 8.2 8.0 12.0

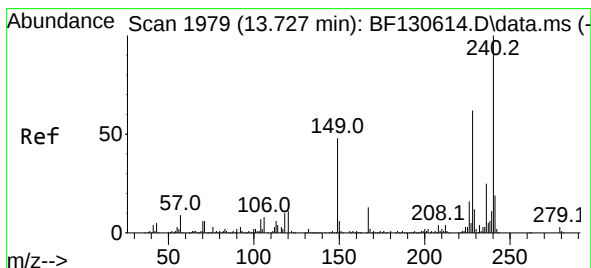
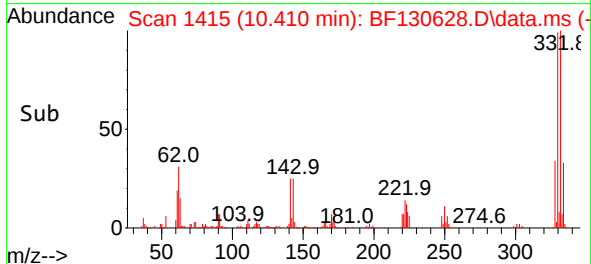
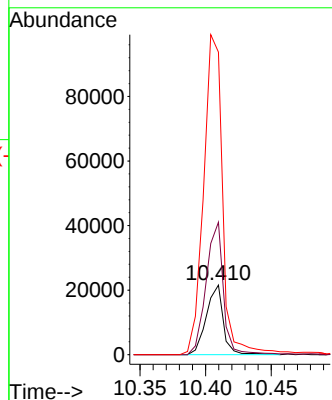
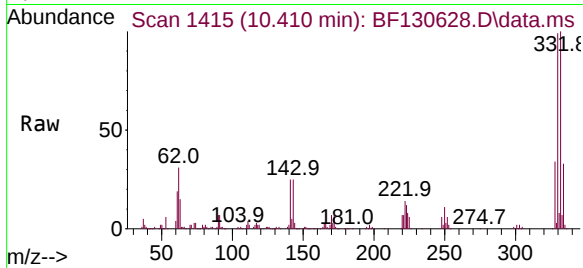




#67
4-Bromophenyl-phenylether
Concen: 5.664 ng
RT: 10.410 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

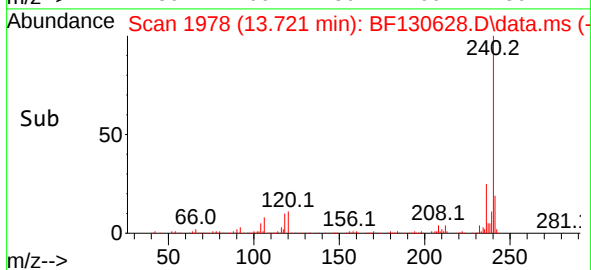
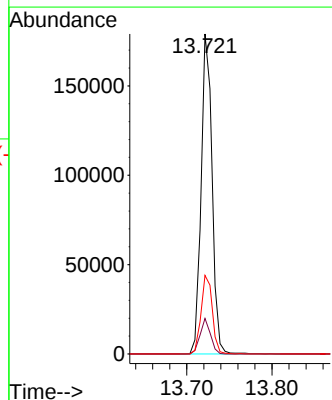
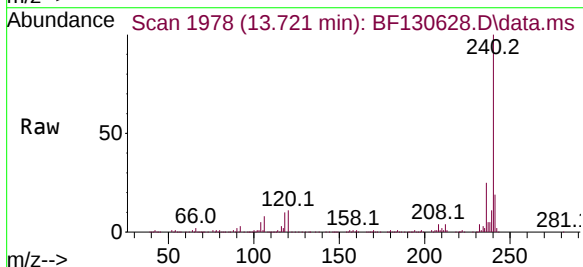
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

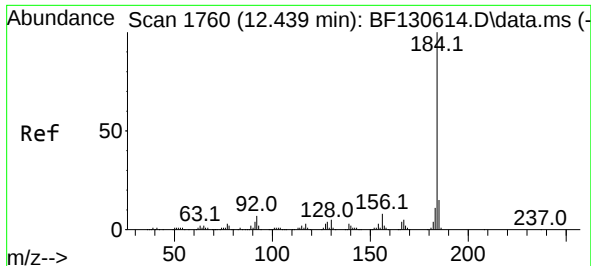
Tgt Ion:248 Resp: 19516
Ion Ratio Lower Upper
248 100
250 190.3 78.7 118.1#
141 434.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

Tgt Ion:240 Resp: 159842
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 24.6 20.2 30.4

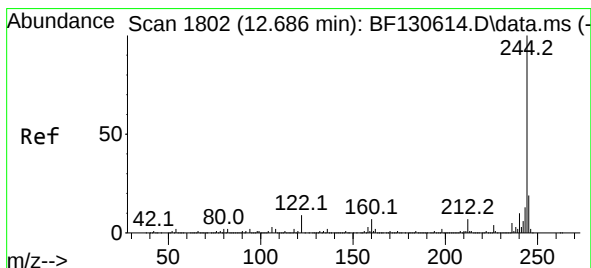
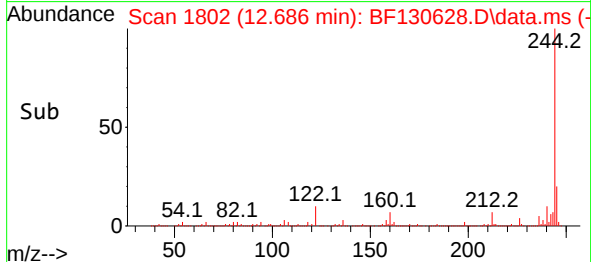
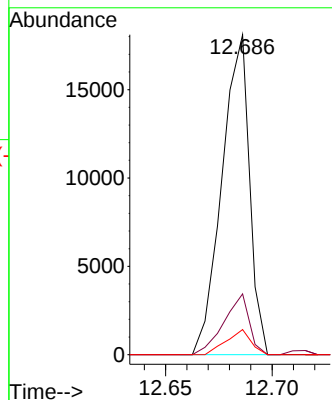
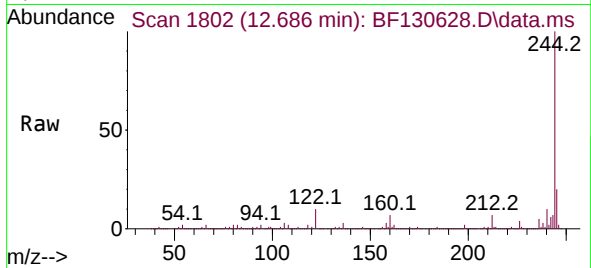




#77
Benzidine
Concen: 4.028 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.247 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

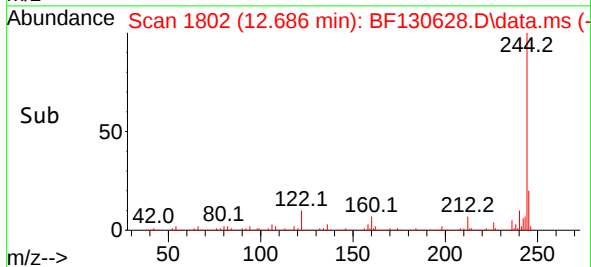
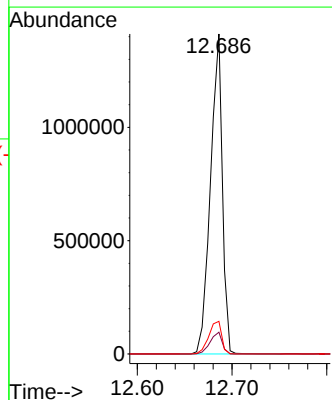
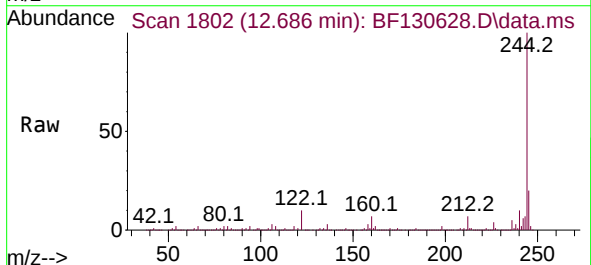
Instrument :
BNA_F
ClientSampleId :
C23(22-23)

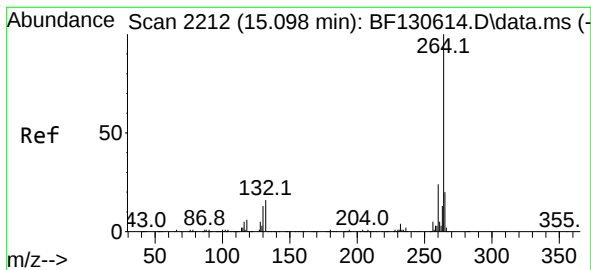
Tgt Ion:184 Resp: 16272
Ion Ratio Lower Upper
184 100
185 19.0 12.0 18.0#
183 7.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 127.153 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF130628.D
Acq: 12 Oct 2022 14:10

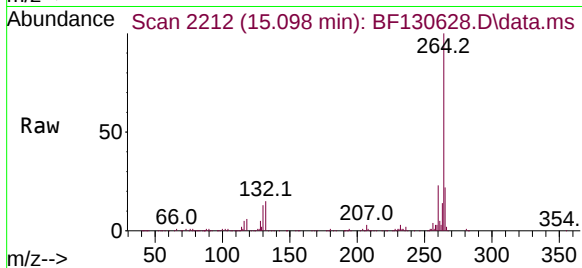
Tgt Ion:244 Resp: 1224563
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.2 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130628.D
 Acq: 12 Oct 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 C23(22-23)



Tgt Ion:264 Resp: 151383
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 16.4 24.6

