

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130677.D
 Acq On : 14 Oct 2022 21:26
 Operator : CG\JU
 Sample : N5105-03RE 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Oct 17 02:24:14 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)

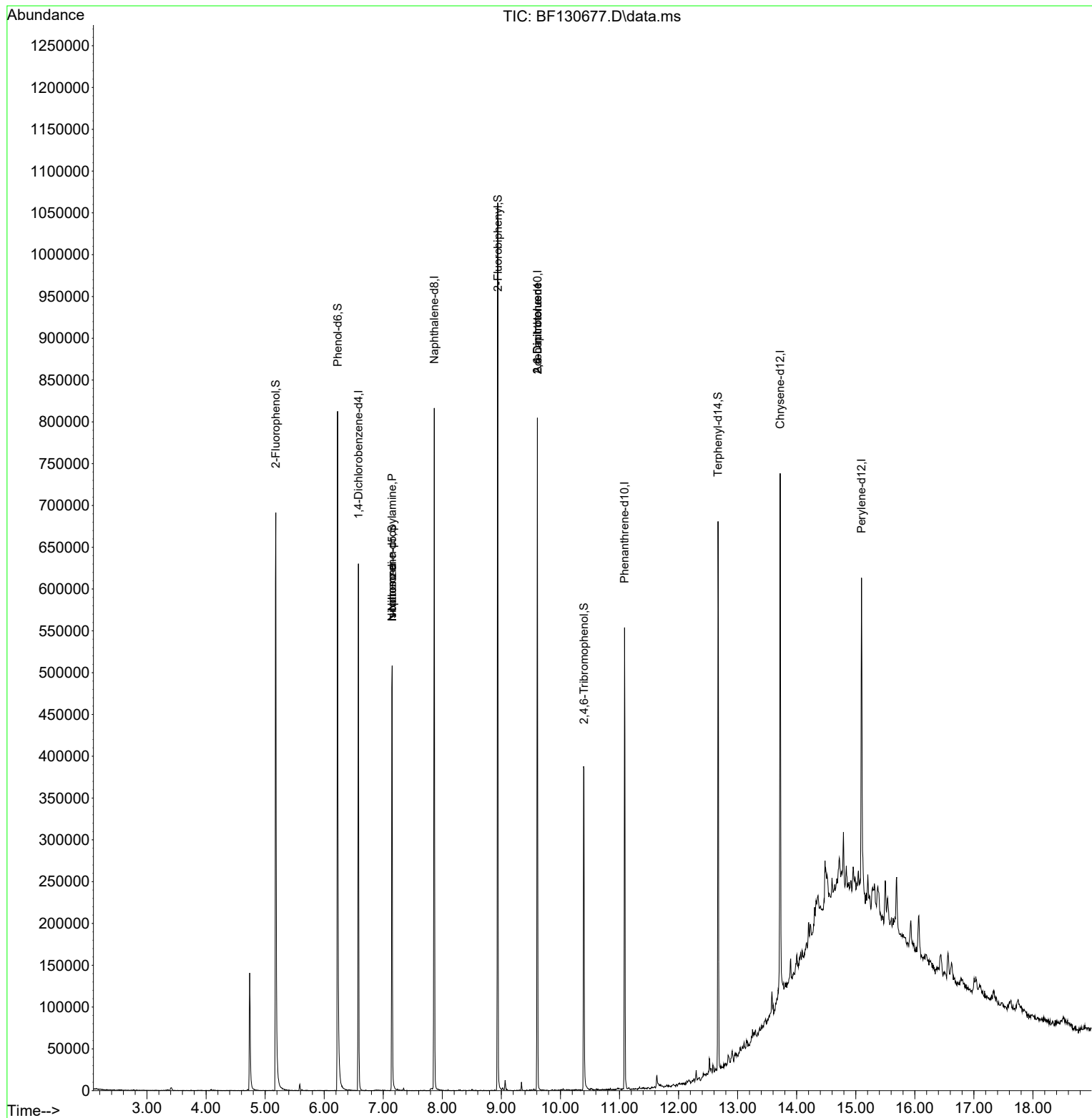
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	86041	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	315771	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	144913	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	191820	20.000	ng	-0.01
76) Chrysene-d12	13.721	240	184034	20.000	ng	0.00
86) Perylene-d12	15.098	264	147855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	218034	45.678	ng	0.00
7) Phenol-d6	6.228	99	262207	43.691	ng	-0.01
23) Nitrobenzene-d5	7.151	82	164289	28.402	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	52899	37.306	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	287338	30.035	ng	-0.01
79) Terphenyl-d14	12.668	244	214180	19.316	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.151	70	21772	5.623	ng	# 76
25) Isophorone	7.151	82	164288	17.065	ng	# 64
51) 2,6-Dinitrotoluene	9.610	165	18962	8.617	ng	# 24
57) 2,4-Dinitrotoluene	9.610	165	18962	6.705	ng	# 14

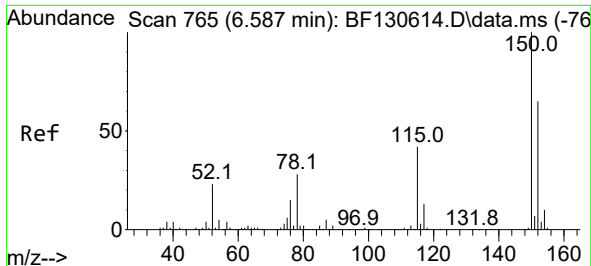
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

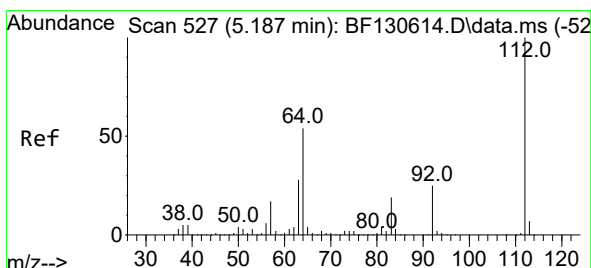
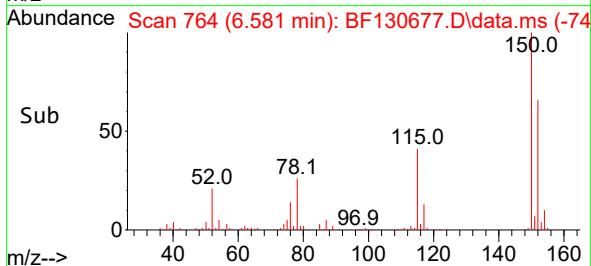
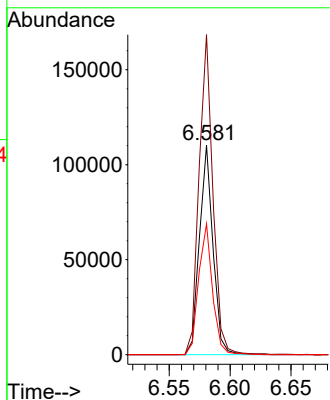
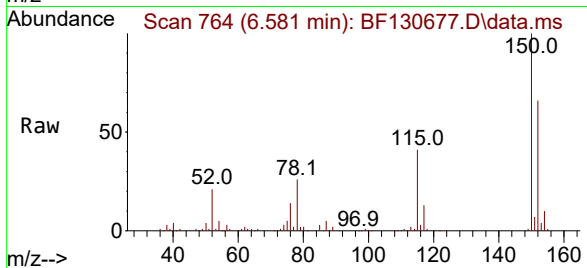




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

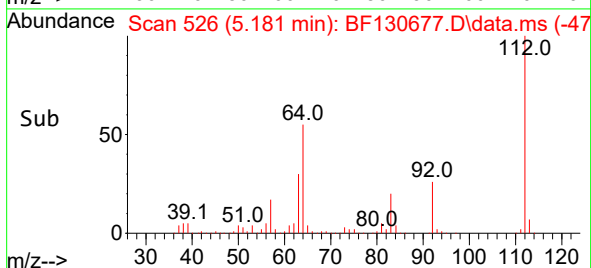
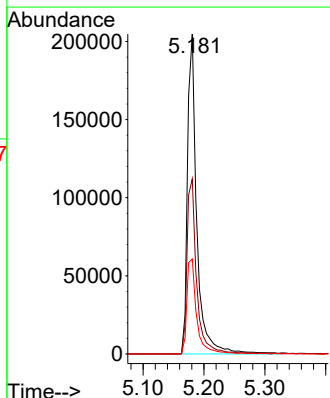
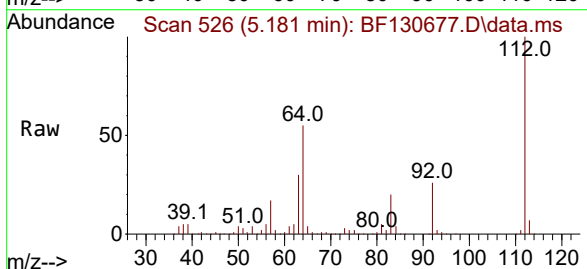
Instrument :
BNA_F
ClientSampleId :
WC-6

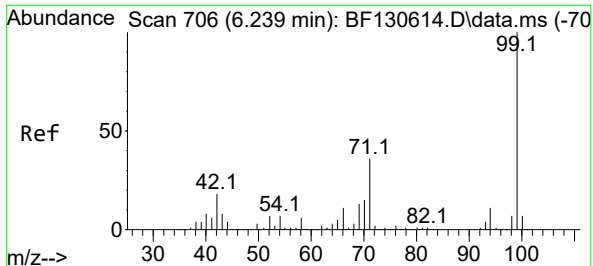
Tgt Ion:152 Resp: 86041
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 62.4 52.2 78.4



#5
2-Fluorophenol
Concen: 45.678 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion:112 Resp: 218034
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 29.7 22.6 34.0

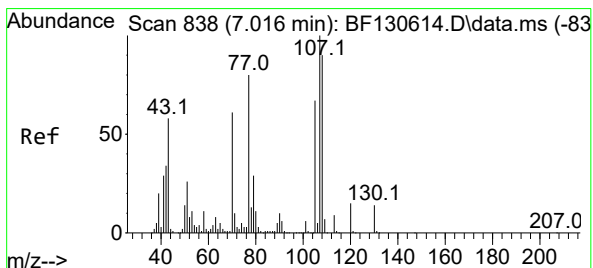
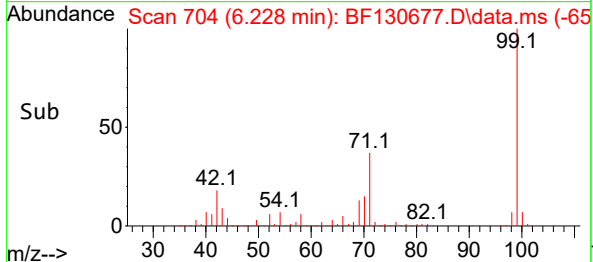
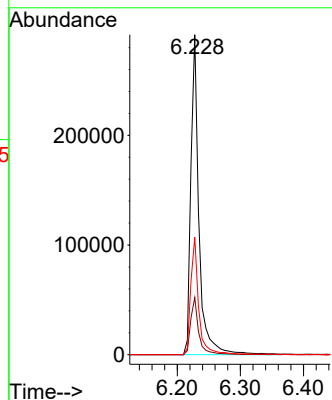
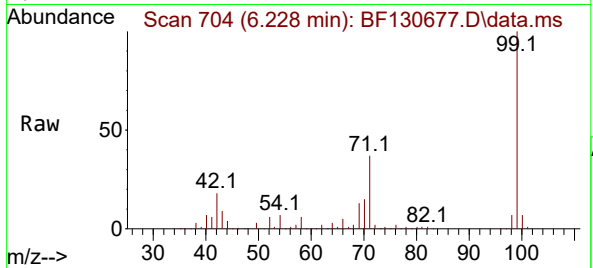




#7
Phenol-d6
Concen: 43.691 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

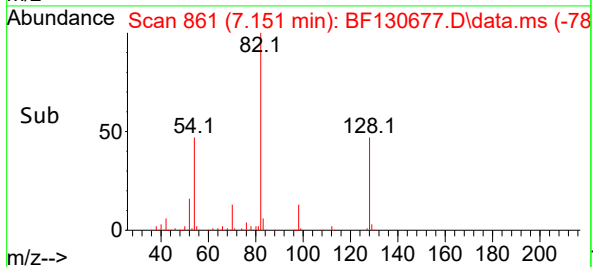
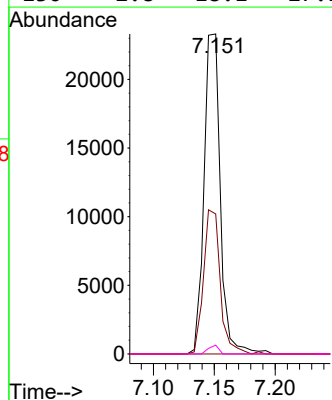
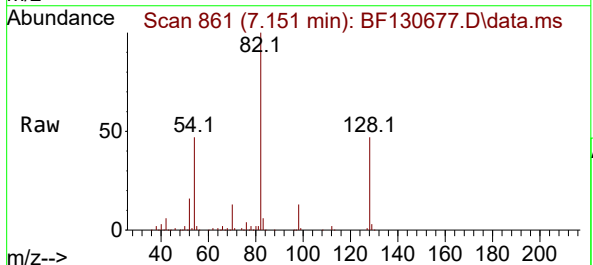
Instrument :
BNA_F
ClientSampleId :
WC-6

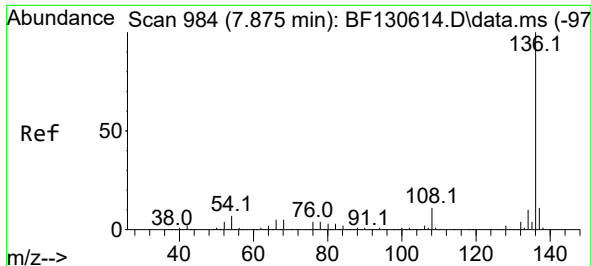
Tgt Ion: 99 Resp: 262207
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 36.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 5.623 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion: 70 Resp: 21772
Ion Ratio Lower Upper
70 100
42 43.8 44.3 66.5#
101 0.0 7.9 11.9#
130 2.8 18.1 27.1#

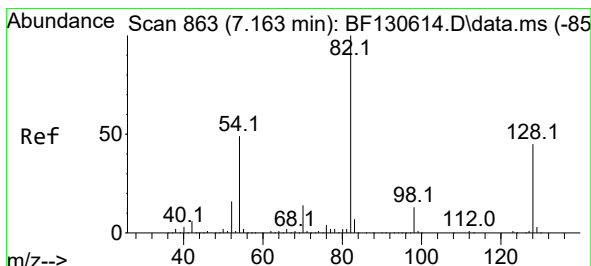
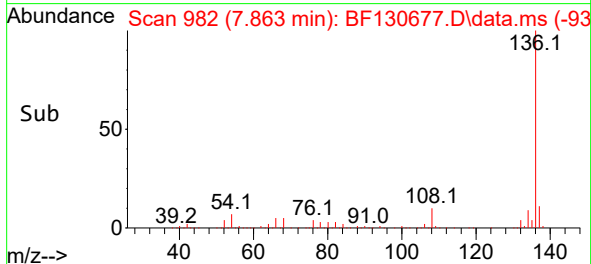
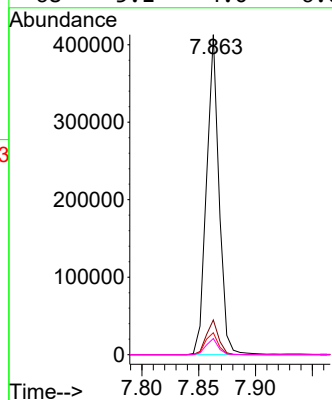
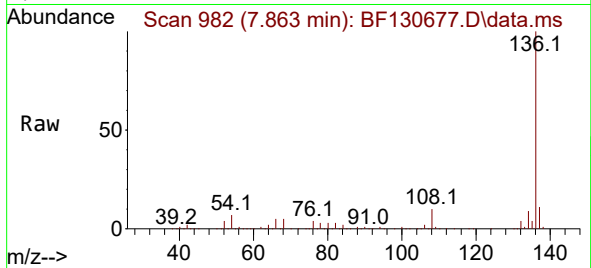




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

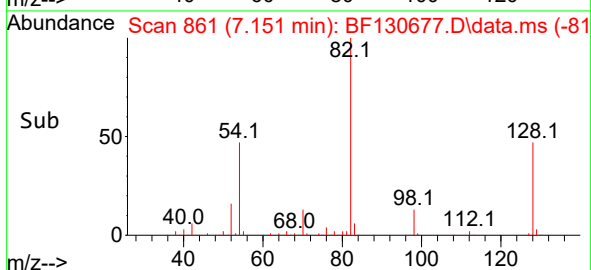
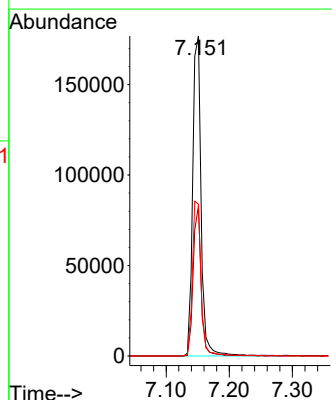
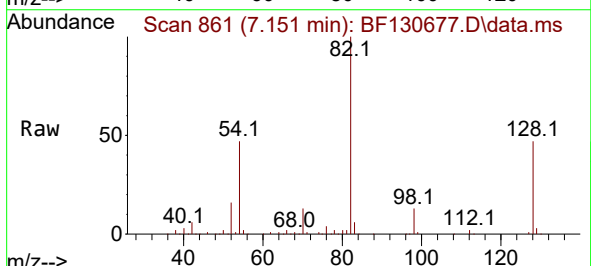
Instrument :
BNA_F
ClientSampleId :
WC-6

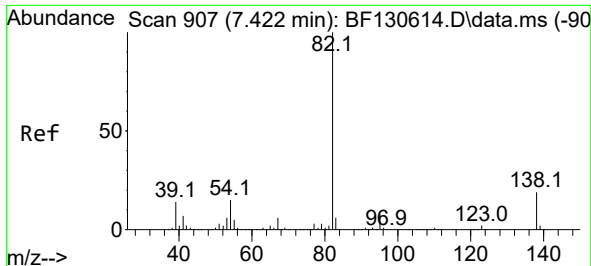
Tgt Ion:136 Resp: 315771
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 5.5 8.3
68 5.1 4.0 6.0



#23
Nitrobenzene-d5
Concen: 28.402 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion: 82 Resp: 164289
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.6
54 47.4 39.3 58.9

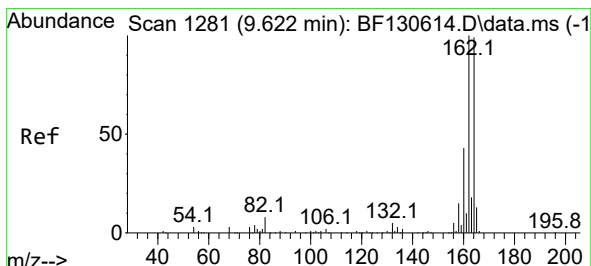
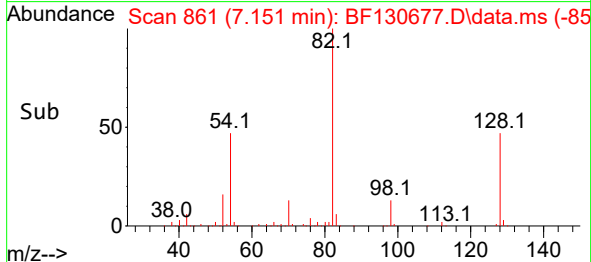
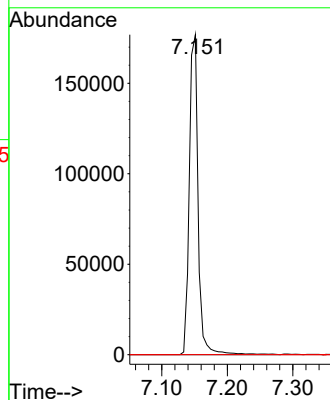
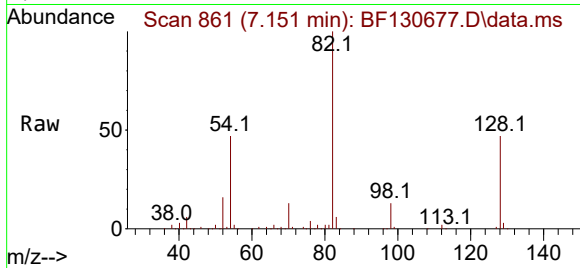




#25
Isophorone
Concen: 17.065 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

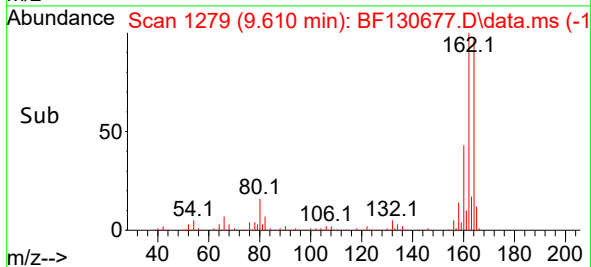
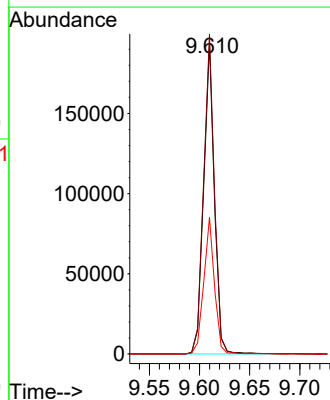
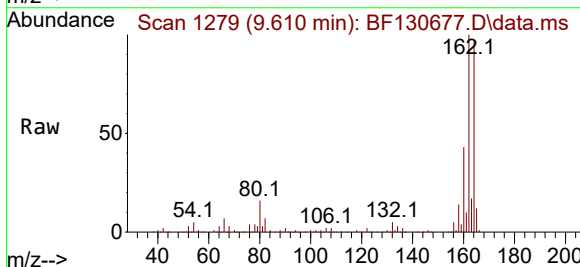
Instrument :
BNA_F
ClientSampleId :
WC-6

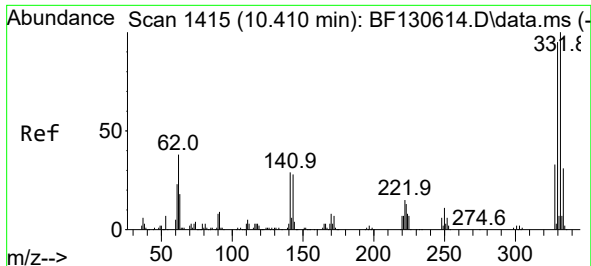
Tgt Ion: 82 Resp: 164288
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion: 164 Resp: 144913
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 37.306 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130677.D

Acq: 14 Oct 2022 21:26

Instrument :

BNA_F

ClientSampleId :

WC-6

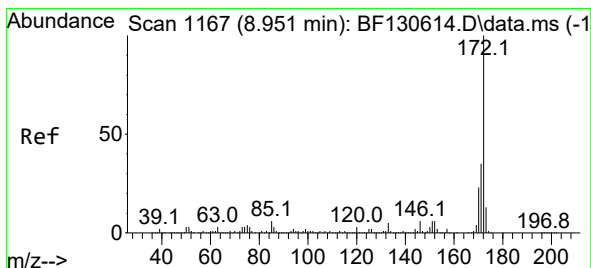
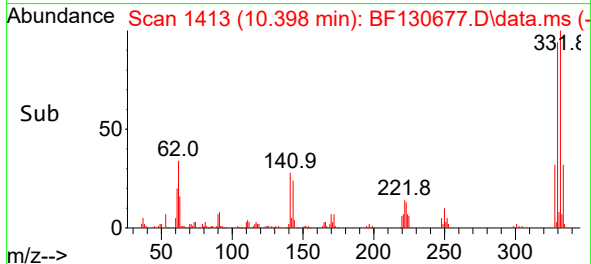
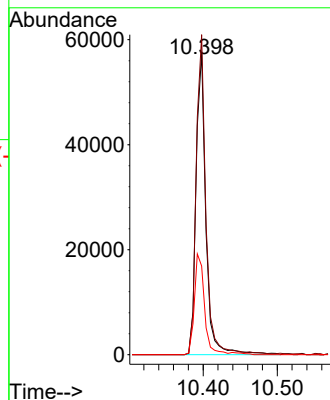
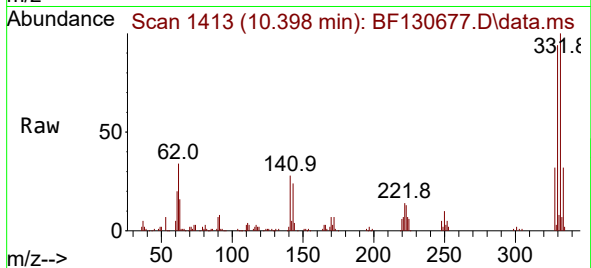
Tgt Ion:330 Resp: 52899

Ion Ratio Lower Upper

330 100

332 105.3 84.2 126.4

141 34.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 30.035 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130677.D

Acq: 14 Oct 2022 21:26

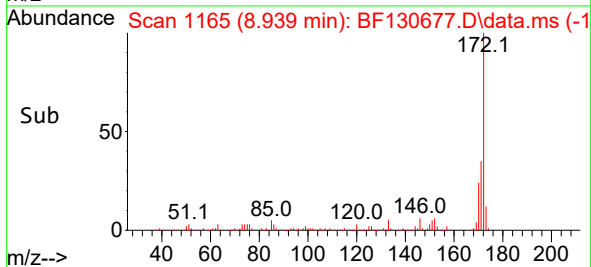
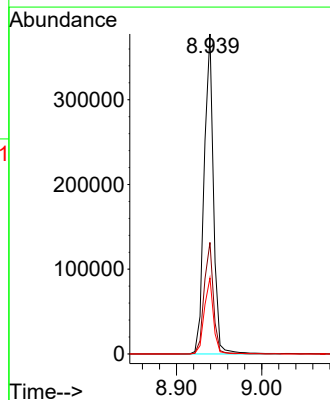
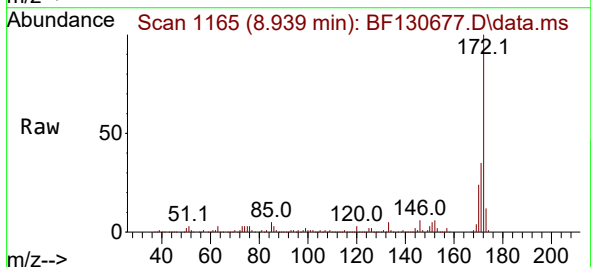
Tgt Ion:172 Resp: 287338

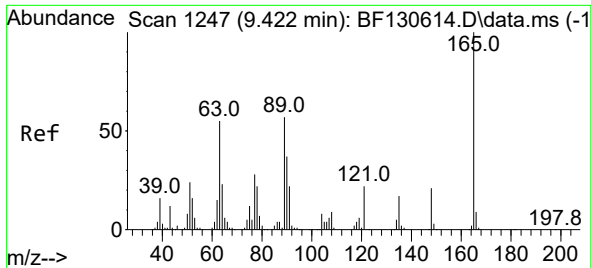
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.8 18.6 27.8

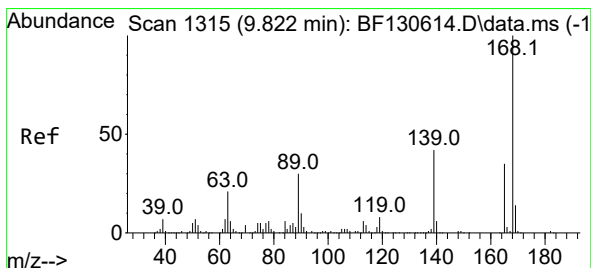
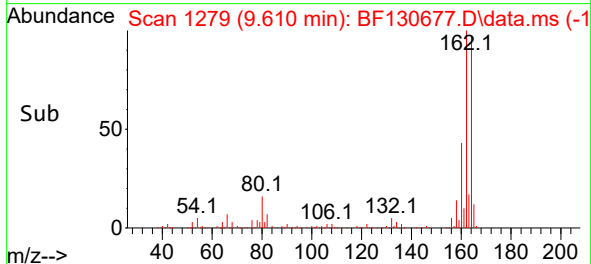
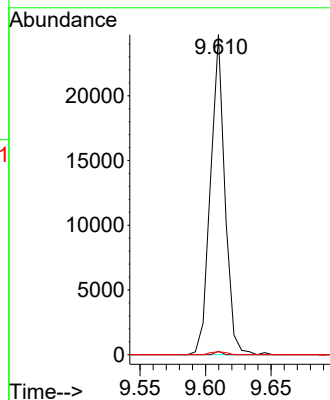
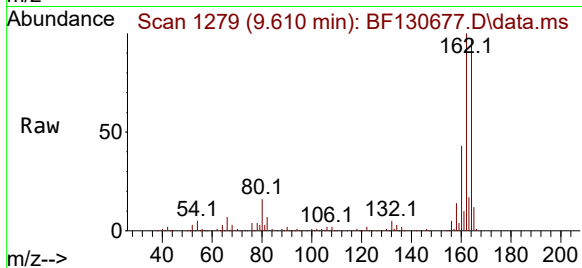




#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

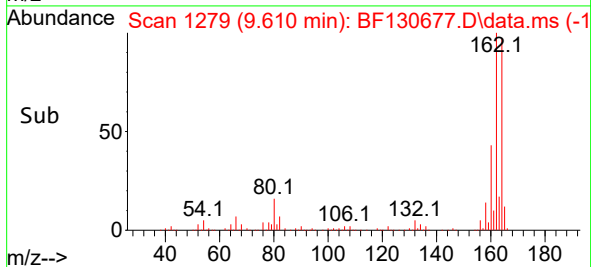
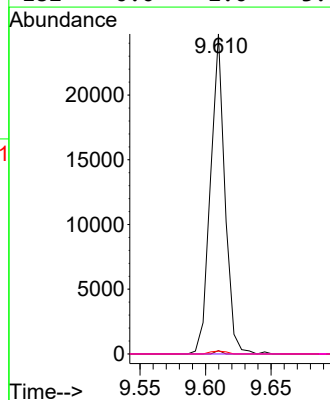
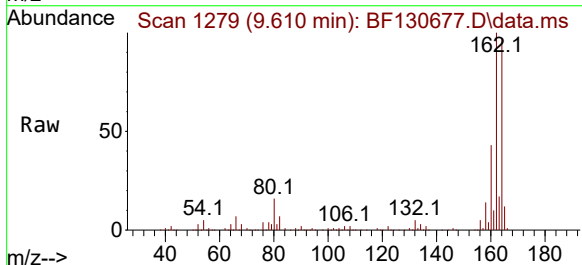
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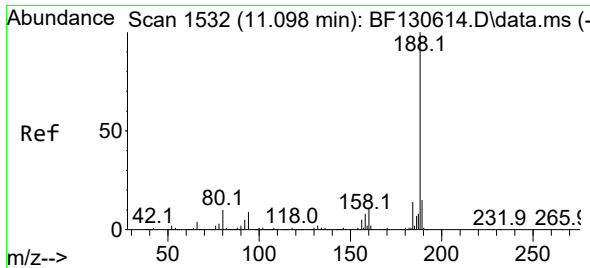
Tgt Ion:165 Resp: 18962
Ion Ratio Lower Upper
165 100
63 1.0 45.3 67.9#
89 0.9 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion:165 Resp: 18962
Ion Ratio Lower Upper
165 100
63 1.0 50.6 76.0#
89 0.9 68.6 102.8#
182 0.0 2.0 3.0#

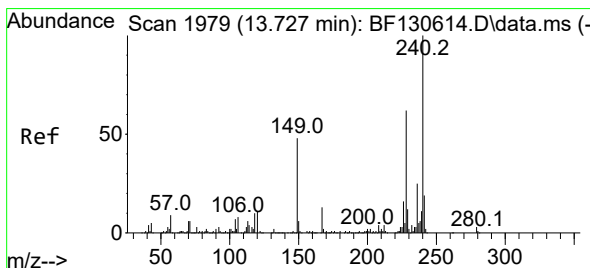
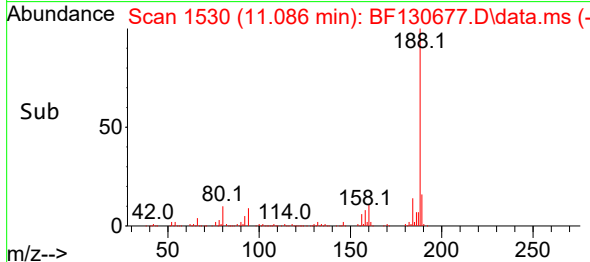
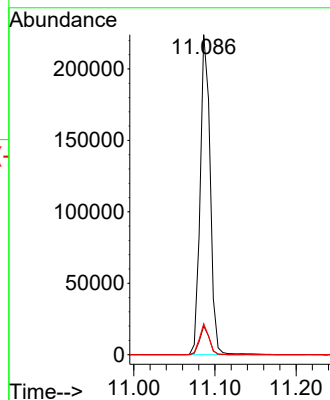
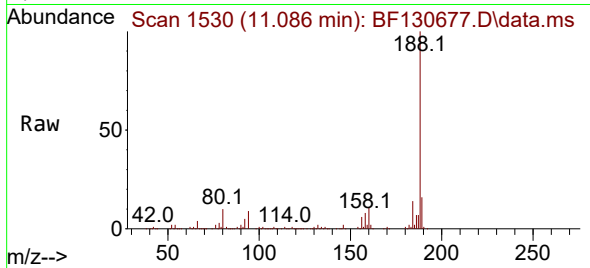




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

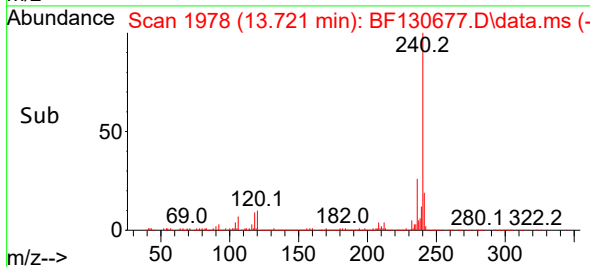
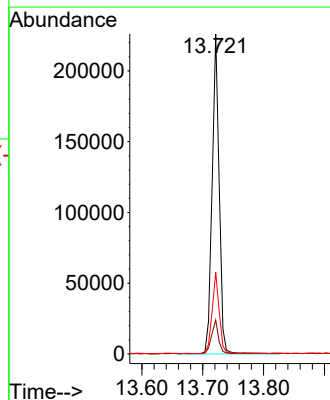
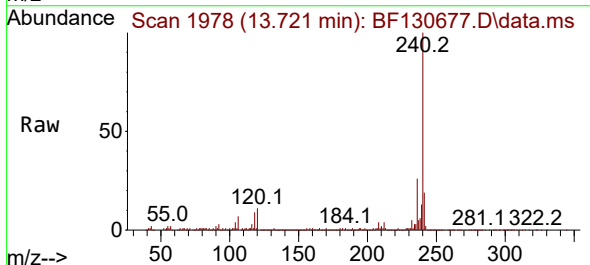
Instrument :
BNA_F
ClientSampleId :
WC-6

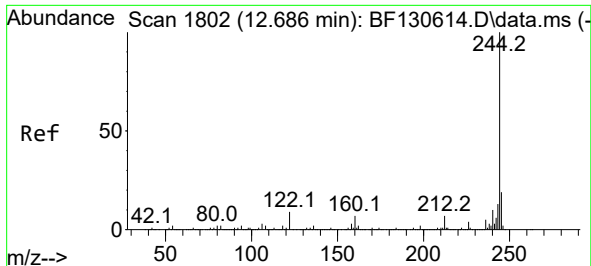
Tgt Ion:188 Resp: 191820
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130677.D
Acq: 14 Oct 2022 21:26

Tgt Ion:240 Resp: 184034
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.6 20.2 30.4

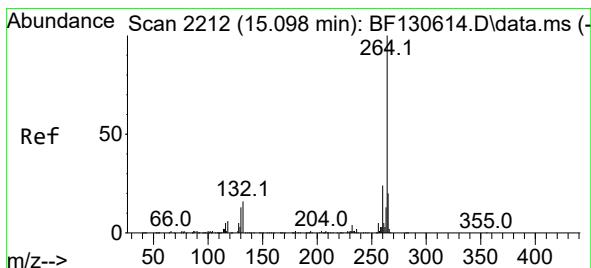
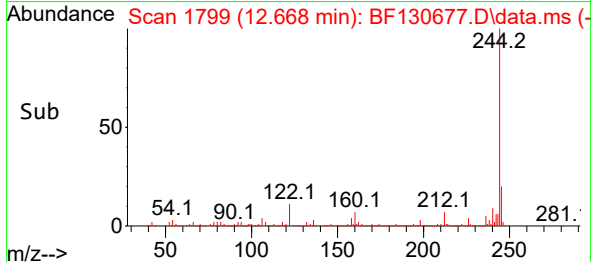
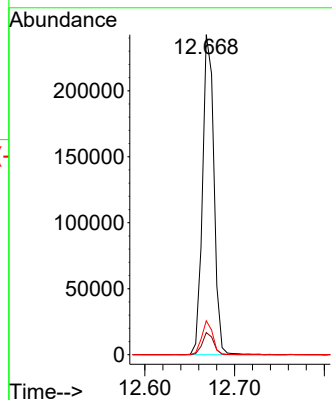
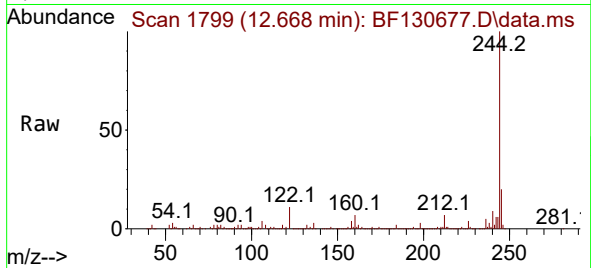




#79
 Terphenyl-d14
 Concen: 19.316 ng
 RT: 12.668 min Scan# 1799
 Delta R.T. -0.018 min
 Lab File: BF130677.D
 Acq: 14 Oct 2022 21:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 214180
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF130677.D
 Acq: 14 Oct 2022 21:26

Tgt Ion:264 Resp: 147855
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.3 16.4 24.6

