

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130594.D
 Acq On : 08 Oct 2022 01:43
 Operator : CG\JU
 Sample : N5020-01DL 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-100522DL

Quant Time: Oct 10 01:48:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

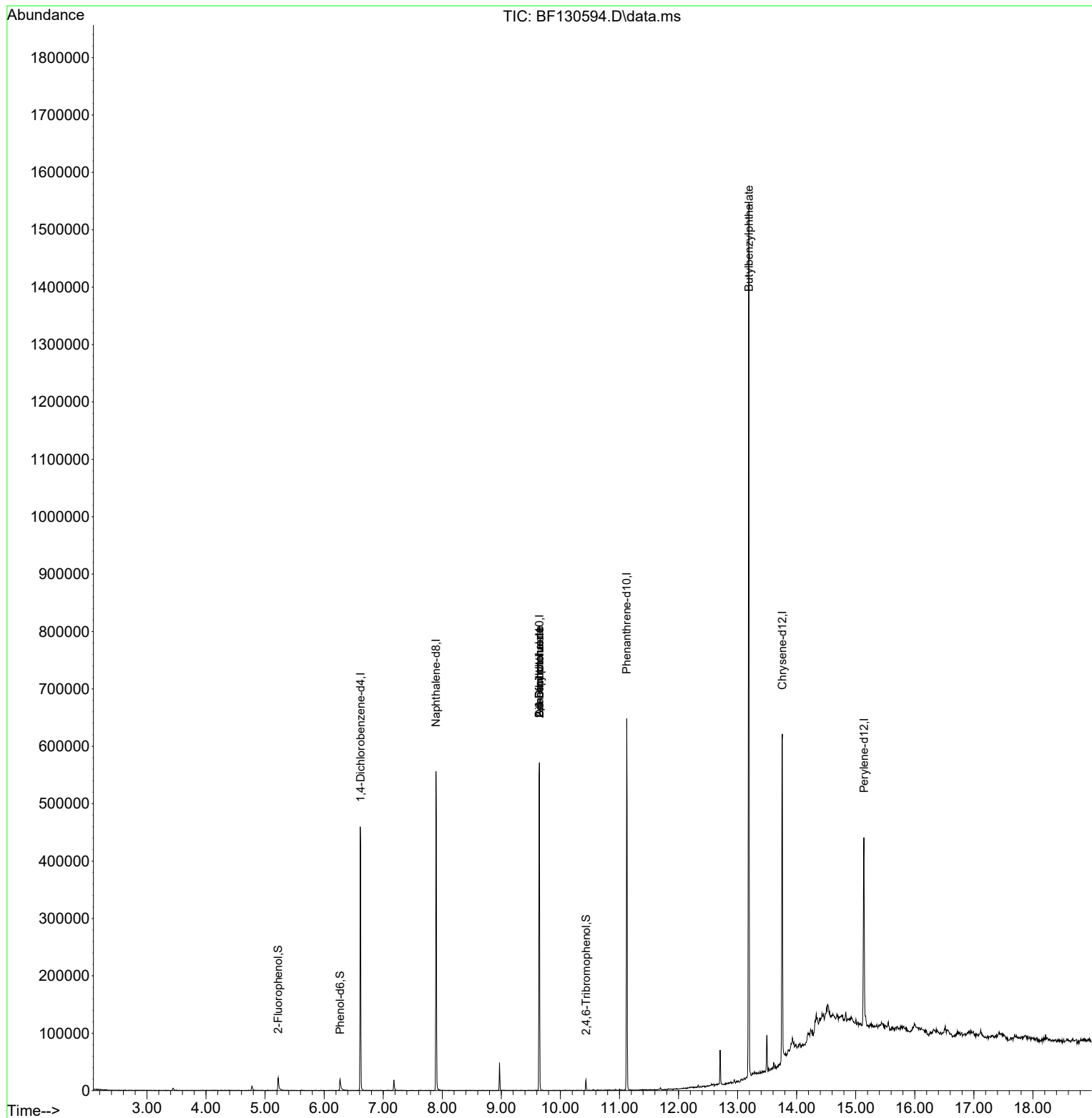
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	68783	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	234860	20.000	ng	-0.01
39) Acenaphthene-d10	9.645	164	117414	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	218697	20.000	ng	-0.01
76) Chrysene-d12	13.757	240	200683	20.000	ng	0.00
86) Perylene-d12	15.139	264	136767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	9973	2.515	ng	0.00
7) Phenol-d6	6.269	99	12151	2.449	ng	0.00
23) Nitrobenzene-d5	7.181	82	7090	1.542	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	2633	2.340	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	14026	1.740	ng	-0.01
79) Terphenyl-d14	12.704	244	17344	1.432	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.645	163	21943	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	14941	8.808	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	14941	6.892	ng	# 16
80) Butylbenzylphthalate	13.192	149	348633	53.605	ng	91

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

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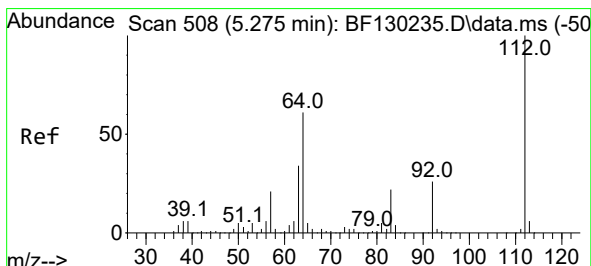
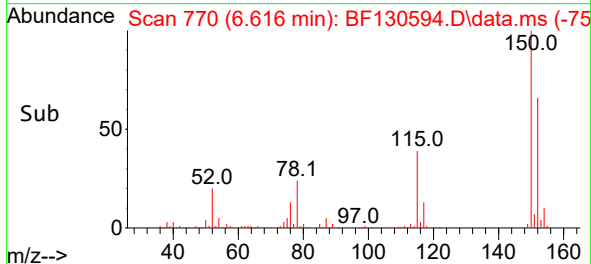
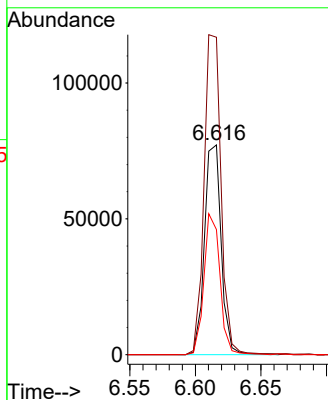
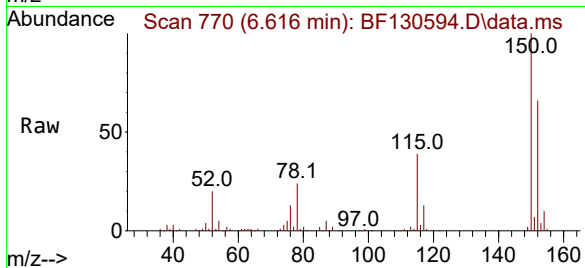




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130594.D
 Acq: 08 Oct 2022 01:43

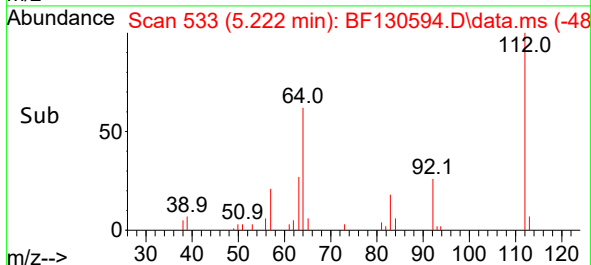
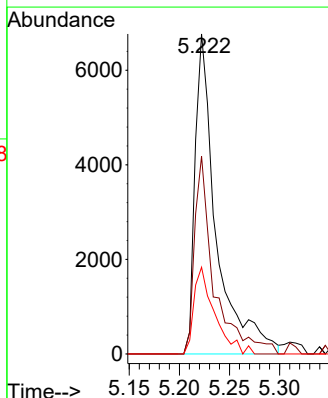
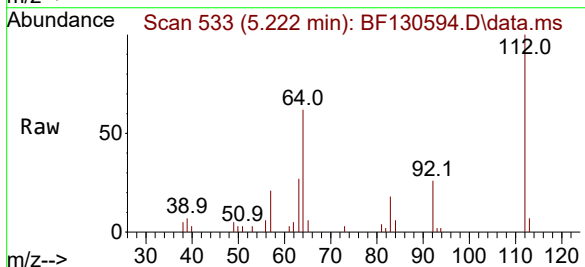
Instrument :
 BNA_F
 ClientSampleId :
 TR-5-100522DL

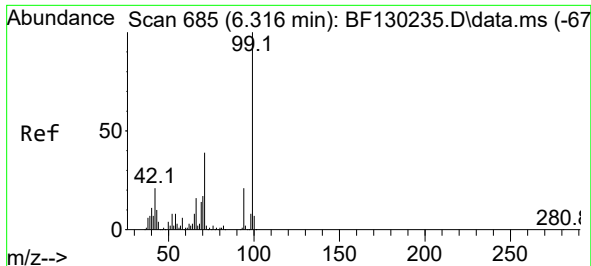
Tgt Ion:152 Resp: 68783
 Ion Ratio Lower Upper
 152 100
 150 151.4 122.8 184.2
 115 59.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 2.515 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130594.D
 Acq: 08 Oct 2022 01:43

Tgt Ion:112 Resp: 9973
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.4 77.0
 63 27.1 28.8 43.2#

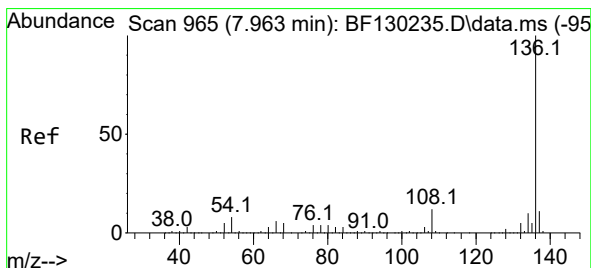
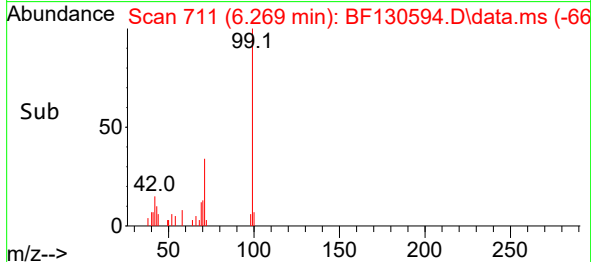
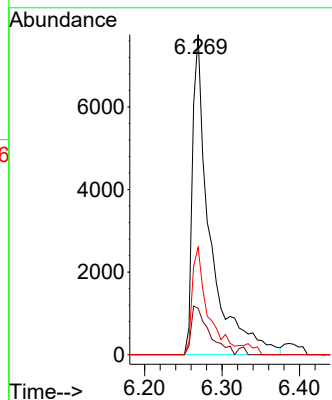
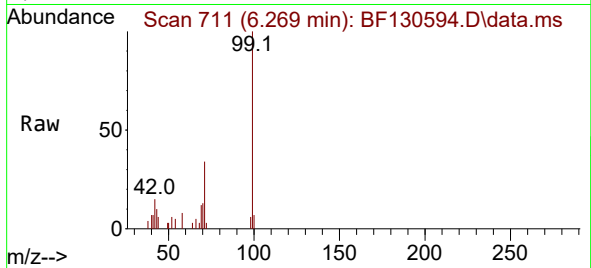




#7
Phenol-d6
Concen: 2.449 ng
RT: 6.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

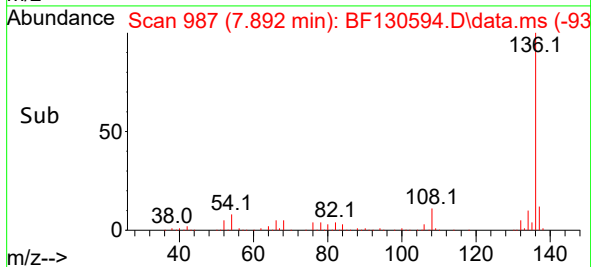
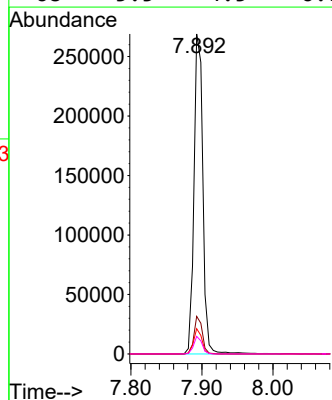
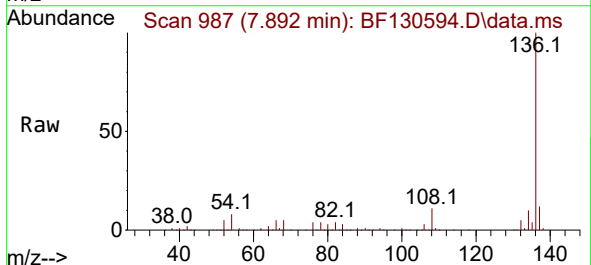
Instrument :
BNA_F
ClientSampleId :
TR-5-100522DL

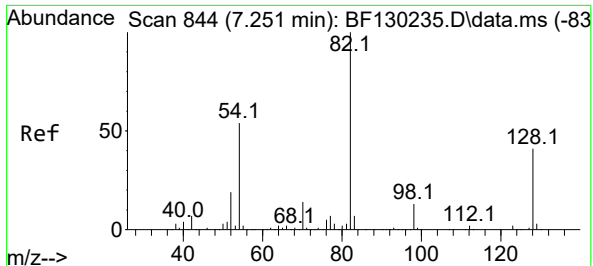
Tgt Ion: 99 Resp: 12151
Ion Ratio Lower Upper
99 100
42 14.5 17.0 25.6#
71 33.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

Tgt Ion: 136 Resp: 234860
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 7.9 7.1 10.7
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 1.542 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

Instrument :

BNA_F

ClientSampleId :

TR-5-100522DL

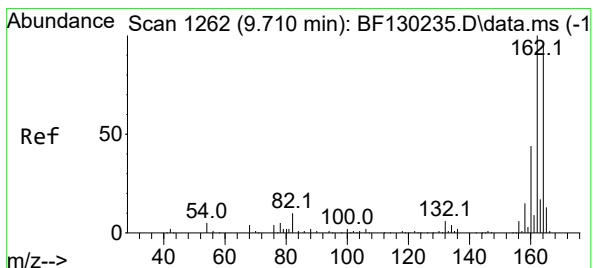
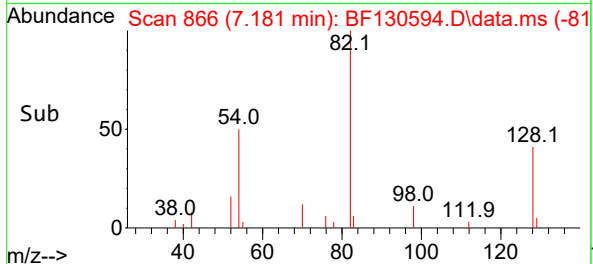
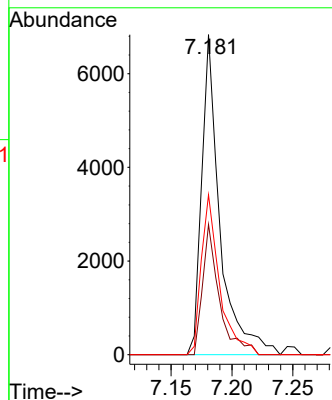
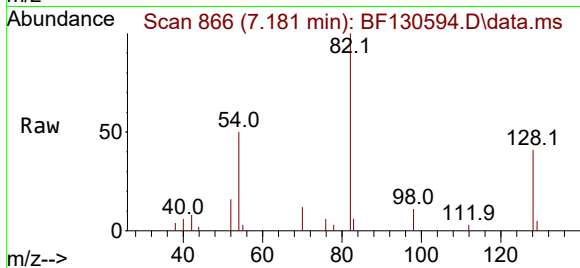
Tgt Ion: 82 Resp: 7090

Ion Ratio Lower Upper

82 100

128 40.7 32.6 49.0

54 50.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

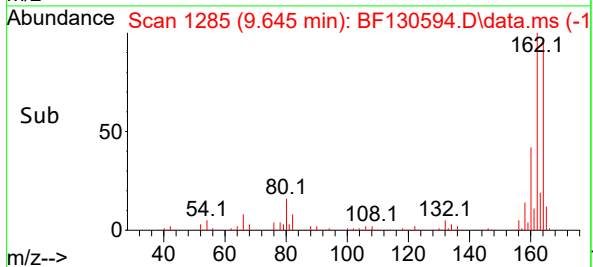
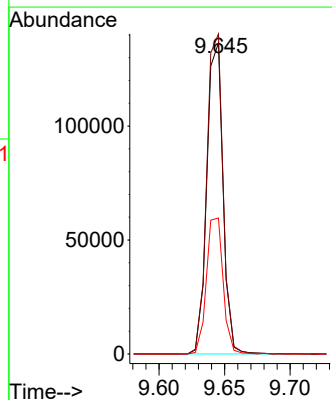
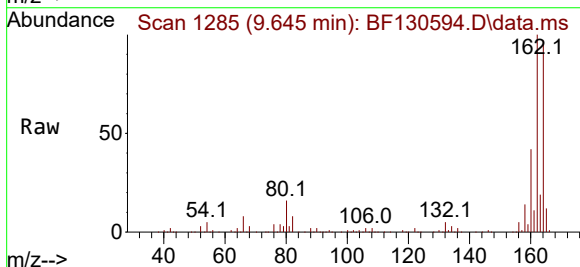
Tgt Ion:164 Resp: 117414

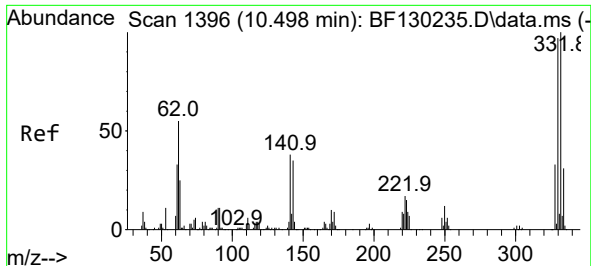
Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 2.340 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

Instrument :

BNA_F

ClientSampleId :

TR-5-100522DL

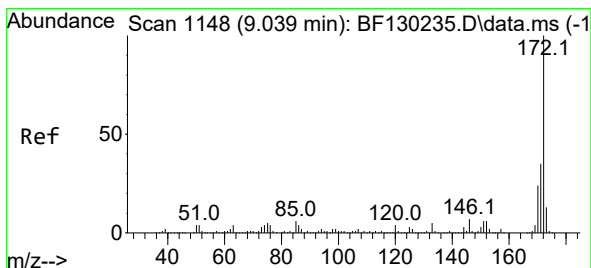
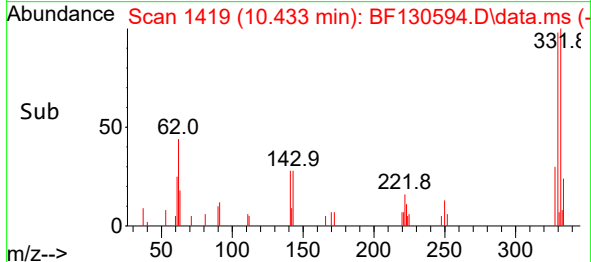
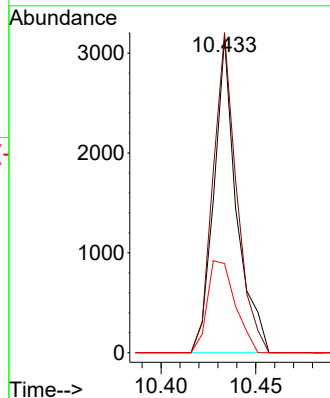
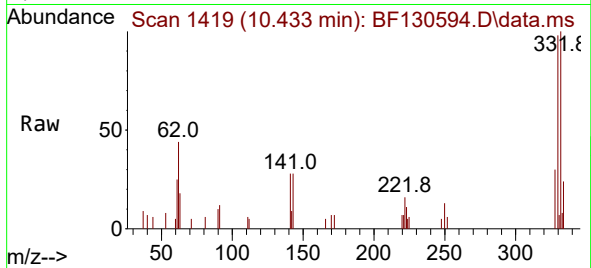
Tgt Ion:330 Resp: 2633

Ion Ratio Lower Upper

330 100

332 105.6 83.4 125.2

141 35.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 1.740 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

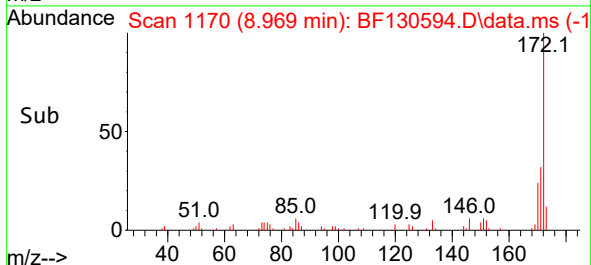
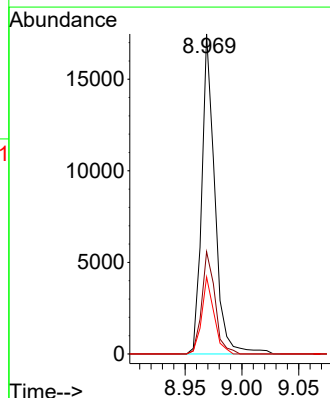
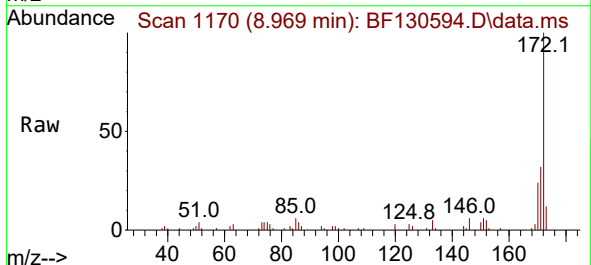
Tgt Ion:172 Resp: 14026

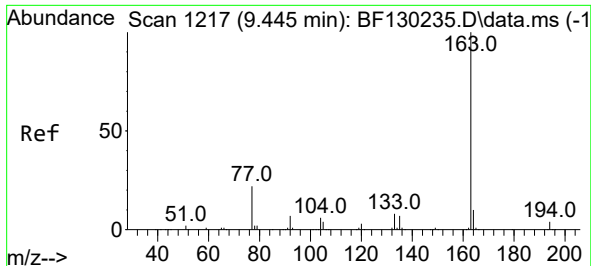
Ion Ratio Lower Upper

172 100

171 31.9 28.3 42.5

170 24.0 18.7 28.1

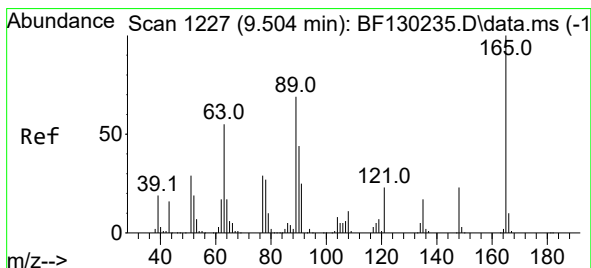
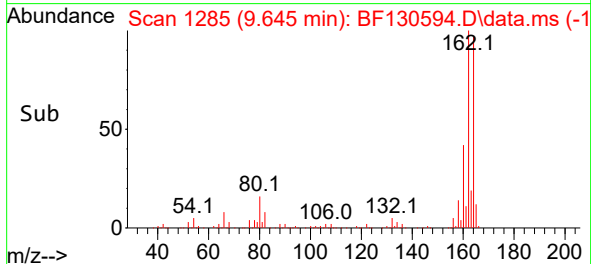
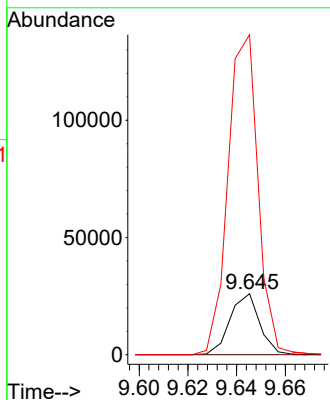
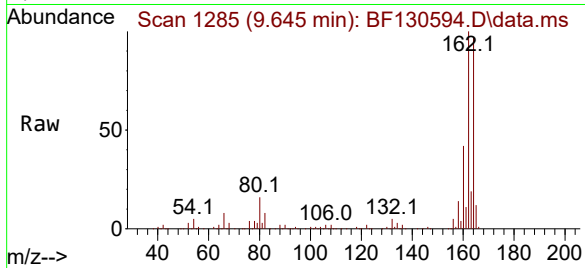




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

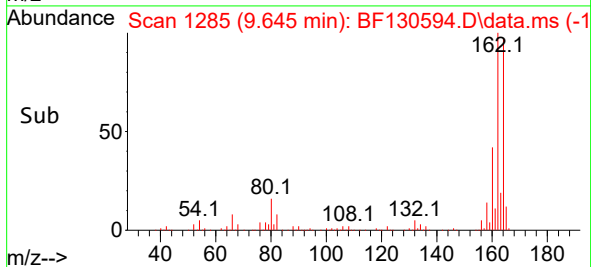
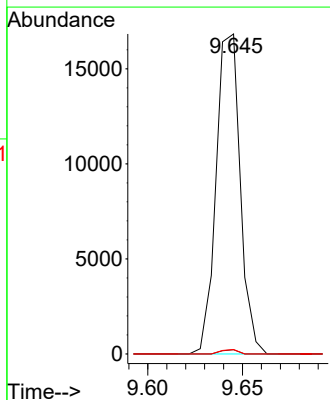
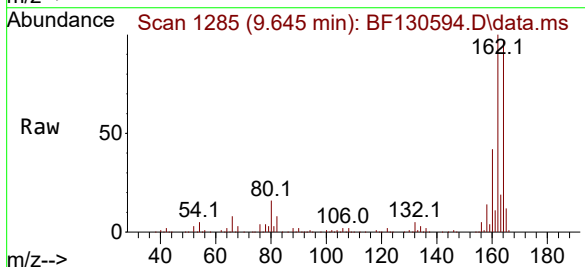
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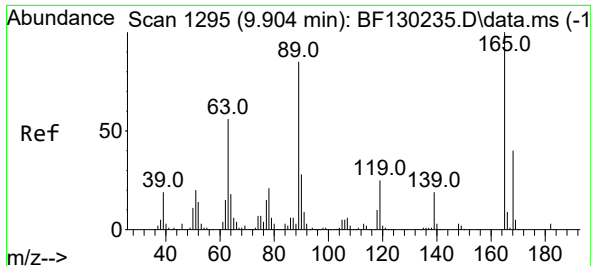
Tgt Ion:163 Resp: 21943
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 524.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.808 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

Tgt Ion:165 Resp: 14941
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#

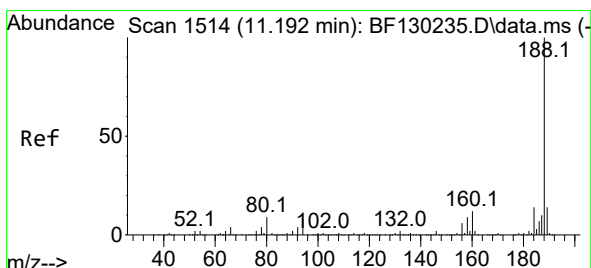
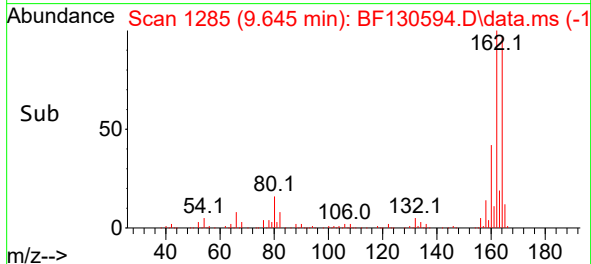
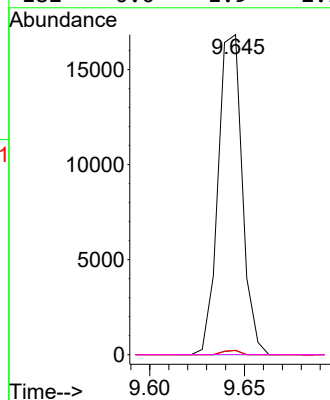
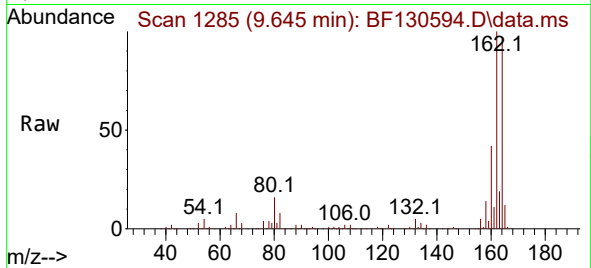




#57
2,4-Dinitrotoluene
Concen: 6.892 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

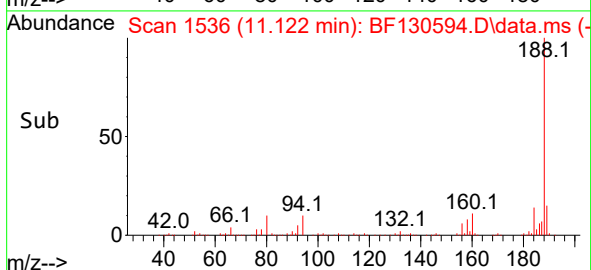
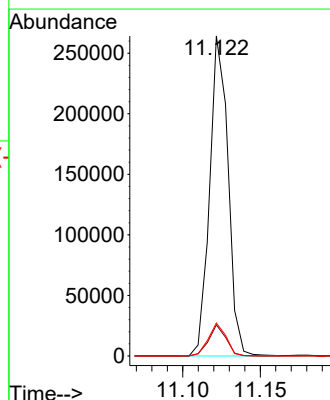
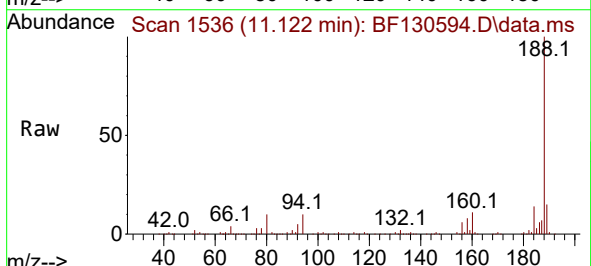
Instrument :
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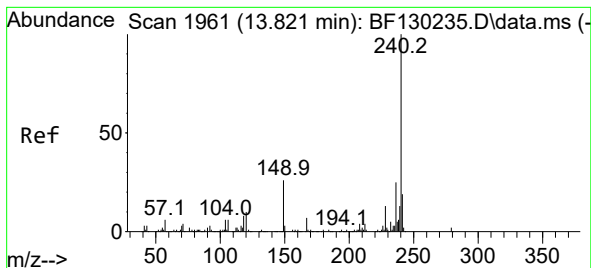
Tgt Ion:165 Resp: 14941
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

Tgt Ion:188 Resp: 218697
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

Instrument :

BNA_F

ClientSampleId :

TR-5-100522DL

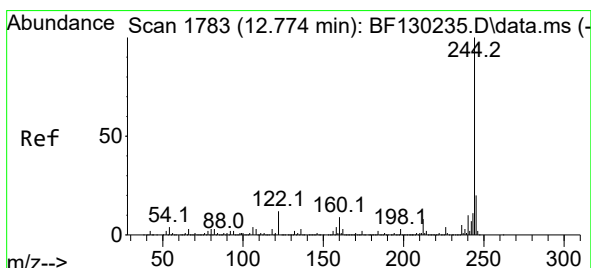
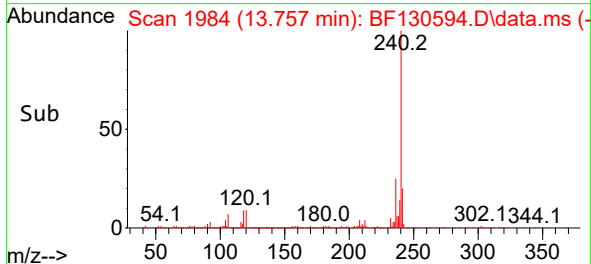
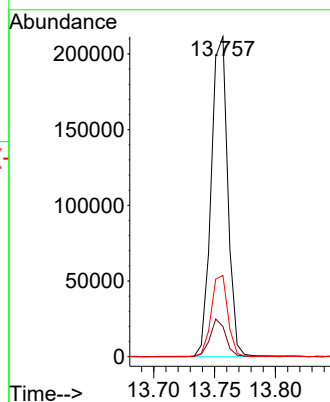
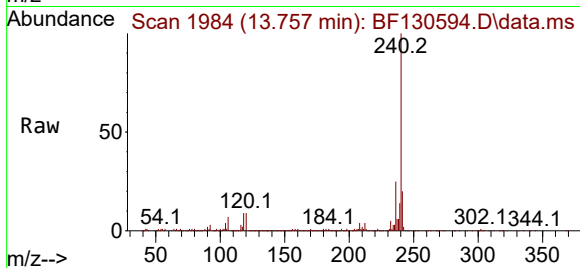
Tgt Ion:240 Resp: 200683

Ion Ratio Lower Upper

240 100

120 9.5 8.7 13.1

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 1.432 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.012 min

Lab File: BF130594.D

Acq: 08 Oct 2022 01:43

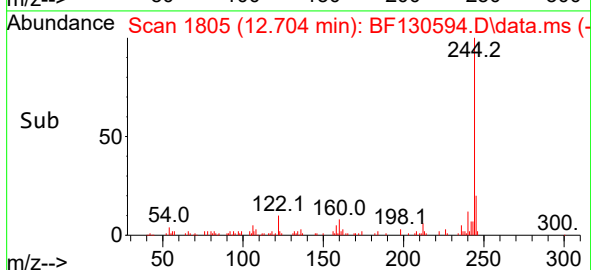
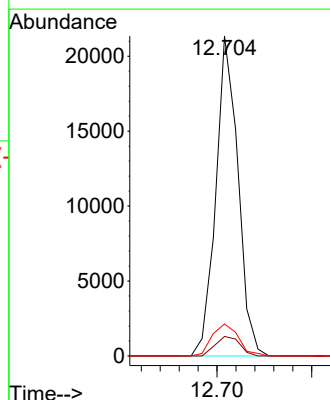
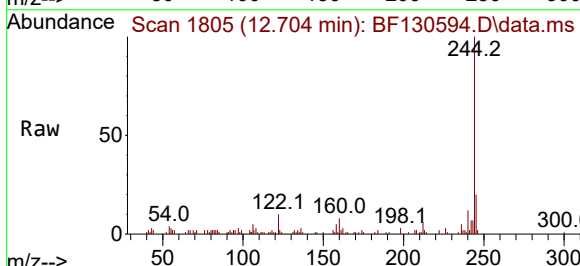
Tgt Ion:244 Resp: 17344

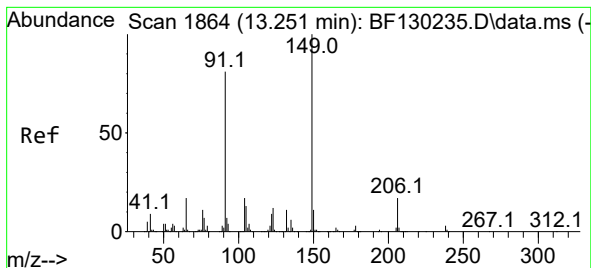
Ion Ratio Lower Upper

244 100

212 6.1 5.9 8.9

122 10.0 8.5 12.7

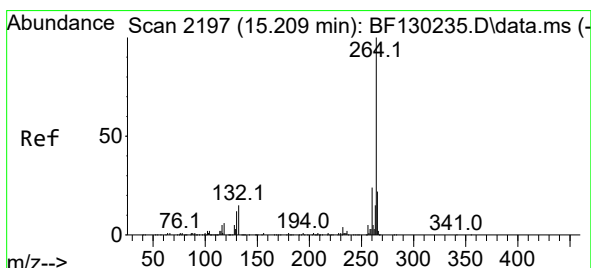
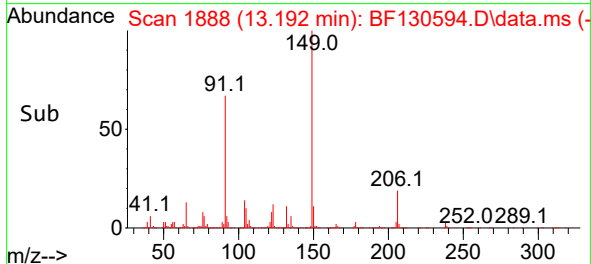
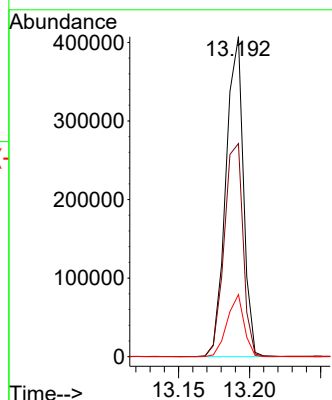
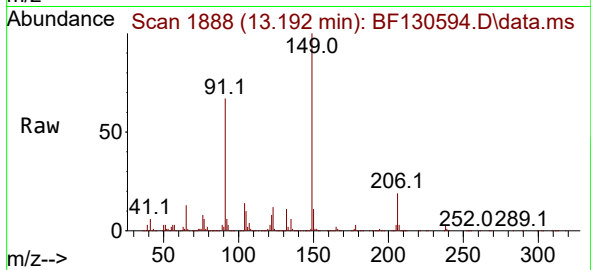




#80
Butylbenzylphthalate
Concen: 53.605 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

Instrument :
BNA_F
ClientSampleId :
TR-5-100522DL

Tgt Ion:149 Resp: 348633
Ion Ratio Lower Upper
149 100
91 66.6 59.8 89.8
206 19.4 13.9 20.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF130594.D
Acq: 08 Oct 2022 01:43

Tgt Ion:264 Resp: 136767
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 20.9 17.0 25.4

