

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130625.D
 Acq On : 12 Oct 2022 12:36
 Operator : CG\JU
 Sample : N5033-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-1

Quant Time: Oct 13 05:43:21 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)

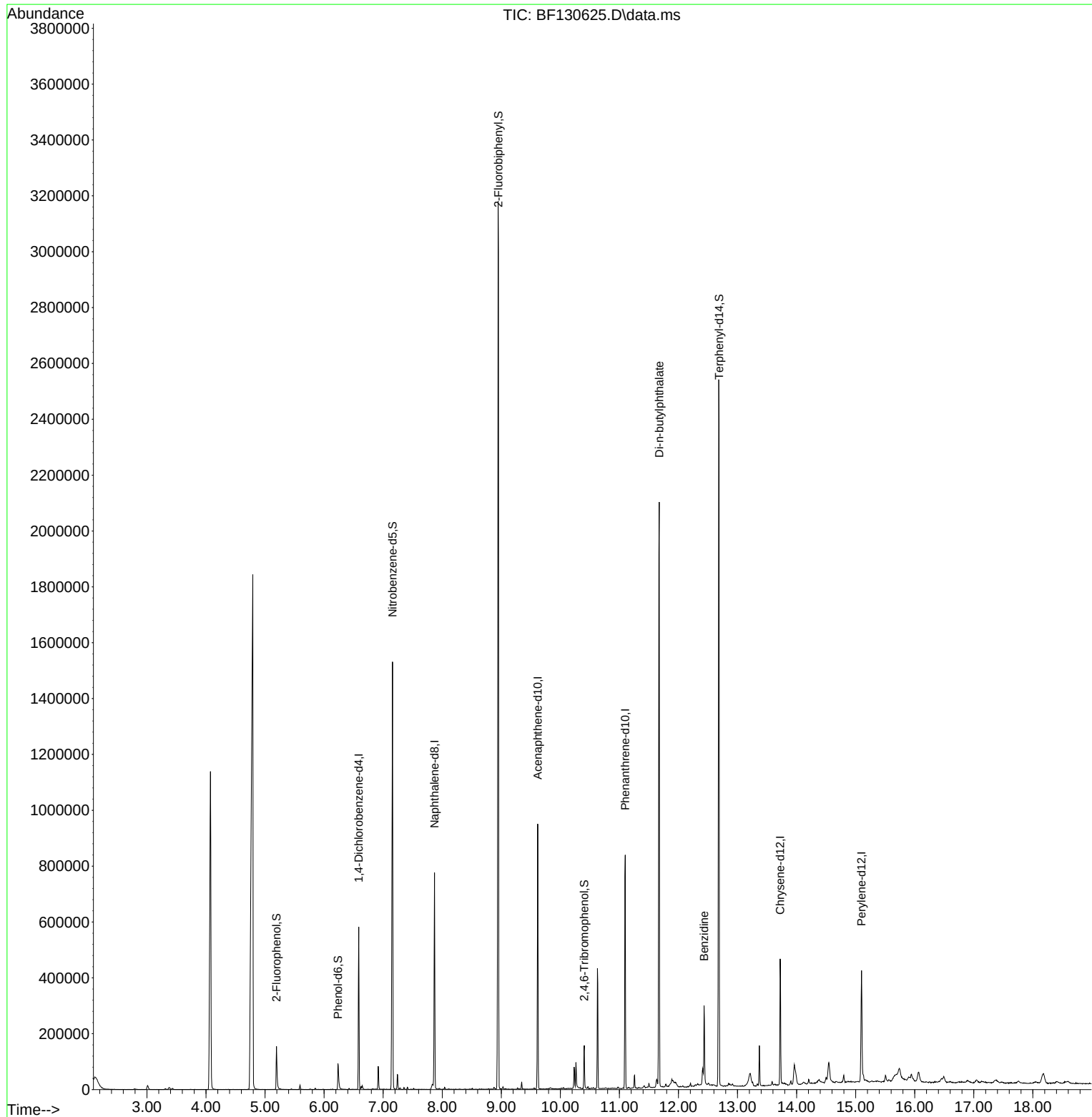
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	81209	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	322974	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	177466	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	297591	20.000	ng	0.00
76) Chrysene-d12	13.721	240	149731	20.000	ng	0.00
86) Perylene-d12	15.098	264	146923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	49801	11.054	ng	0.00
7) Phenol-d6	6.234	99	30585	5.400	ng	0.00
23) Nitrobenzene-d5	7.157	82	489937	82.812	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	19216	11.066	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1067515	91.117	ng	0.00
79) Terphenyl-d14	12.686	244	928356	102.906	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.675	149	1064852	61.181	ng	Qvalue 100
77) Benzidine	12.433	184	99710	26.346	ng	99

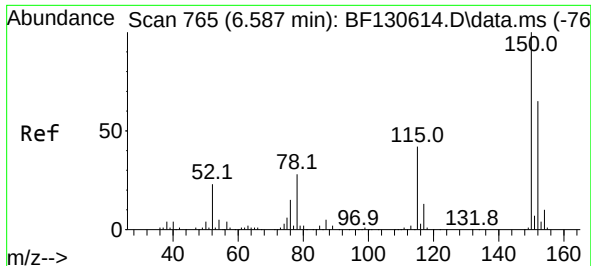
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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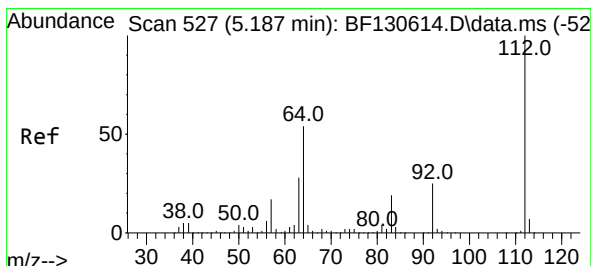
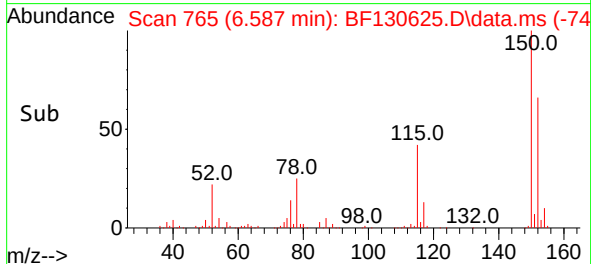
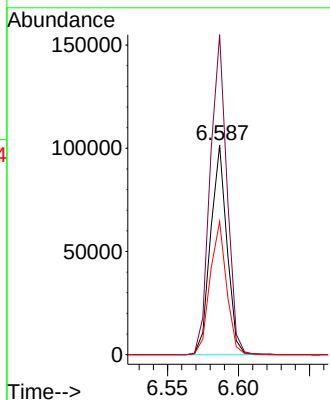
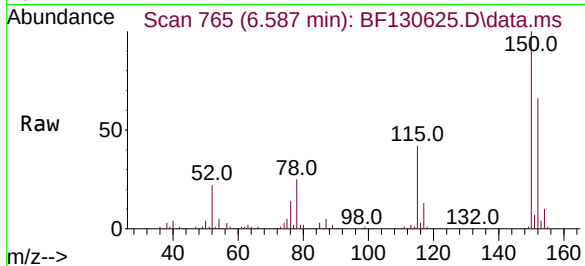




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

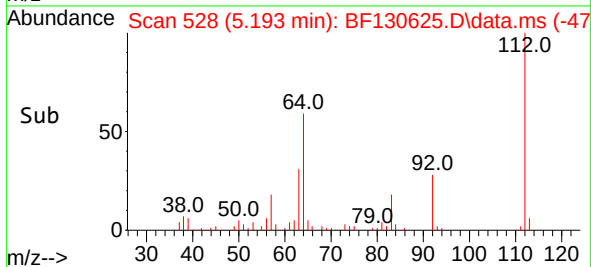
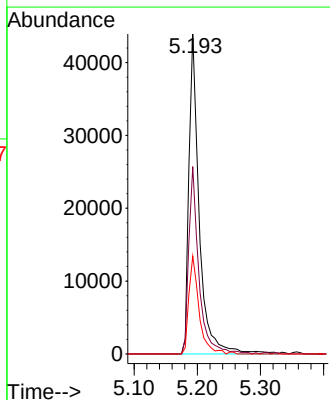
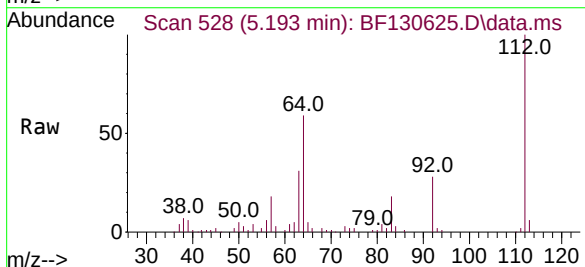
Instrument :
BNA_F
ClientSampleId :
596C-1

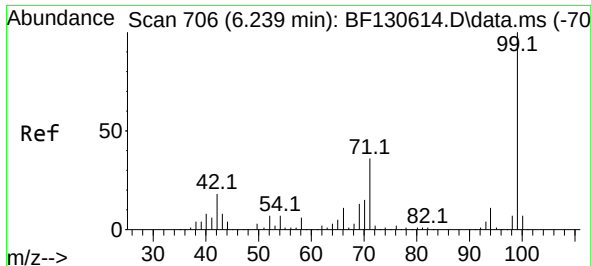
Tgt Ion:152 Resp: 81209
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 63.4 52.2 78.4



#5
2-Fluorophenol
Concen: 11.054 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion:112 Resp: 49801
Ion Ratio Lower Upper
112 100
64 58.5 43.5 65.3
63 30.6 22.6 34.0

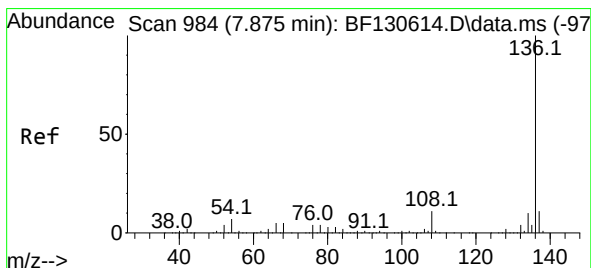
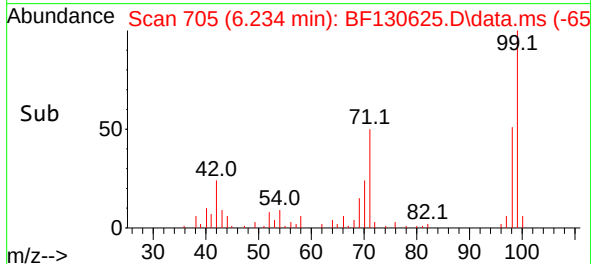
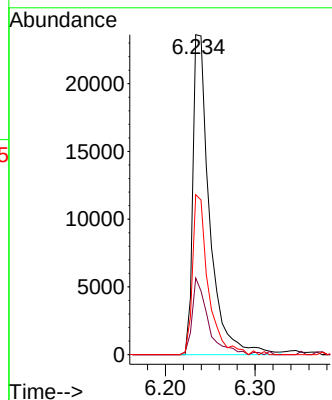
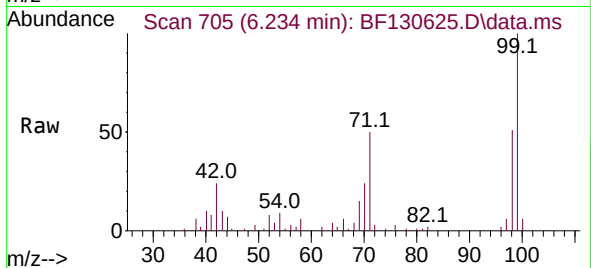




#7
Phenol-d6
Concen: 5.400 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

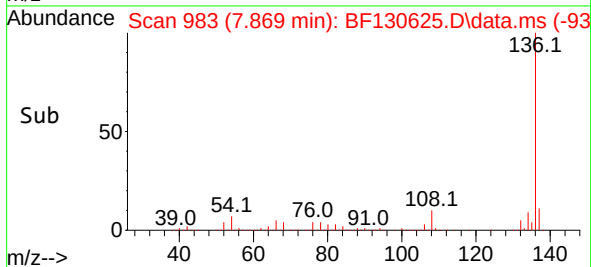
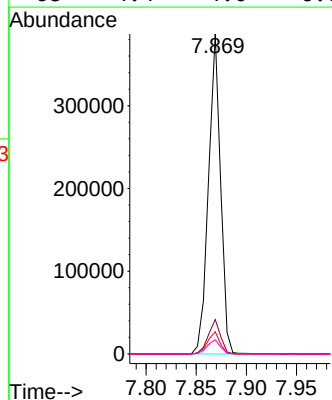
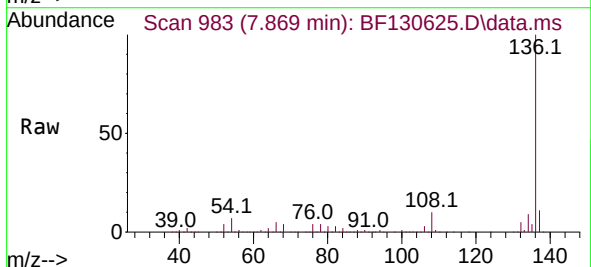
Instrument :
BNA_F
ClientSampleId :
596C-1

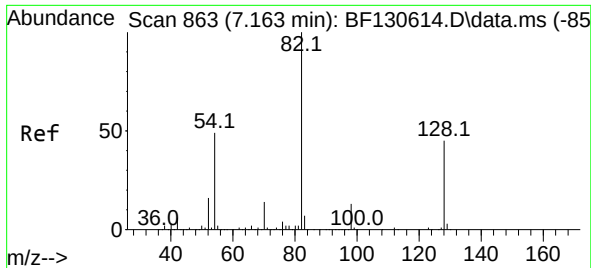
Tgt Ion: 99 Resp: 30585
Ion Ratio Lower Upper
99 100
42 23.9 14.0 21.0#
71 50.0 28.8 43.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion: 136 Resp: 322974
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.9 5.5 8.3
68 4.4 4.0 6.0

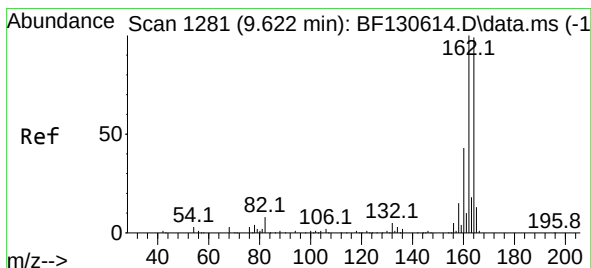
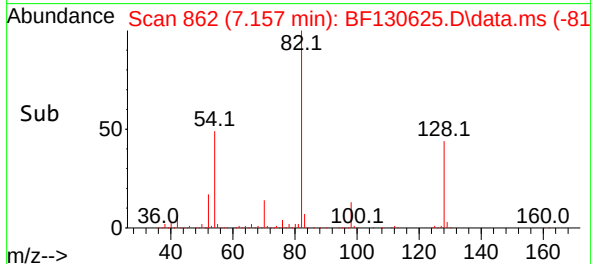
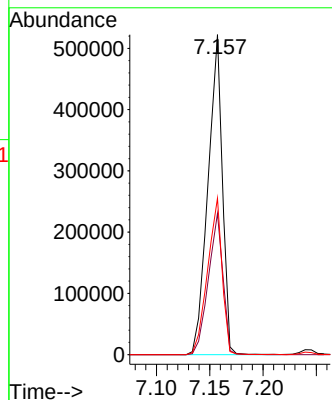
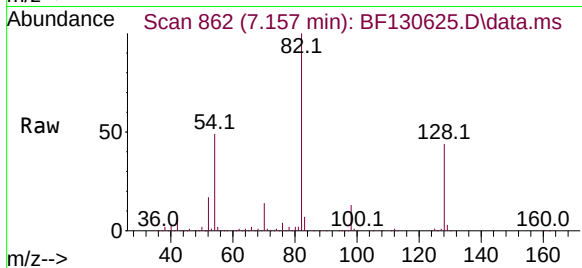




#23
Nitrobenzene-d5
Concen: 82.812 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

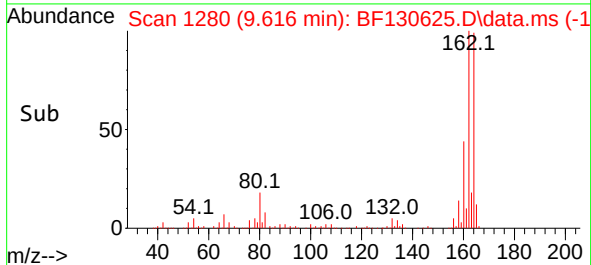
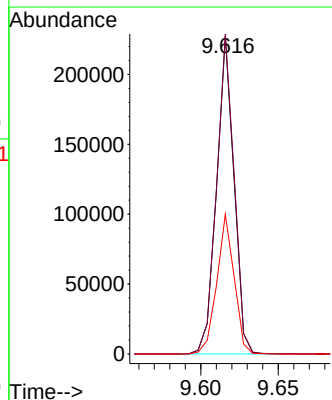
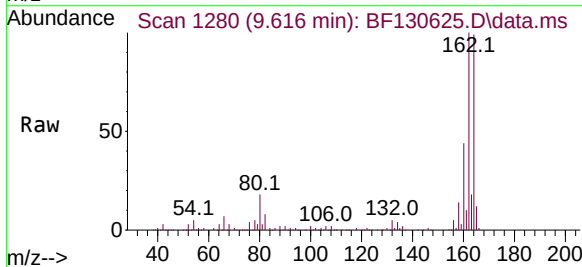
Instrument :
BNA_F
ClientSampleId :
596C-1

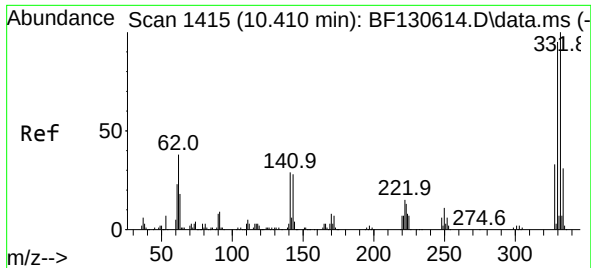
Tgt Ion: 82 Resp: 489937
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 48.9 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion: 164 Resp: 177466
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.0 34.5 51.7

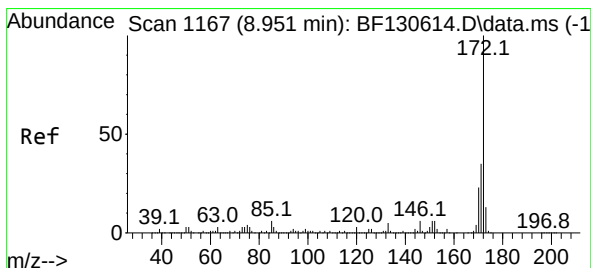
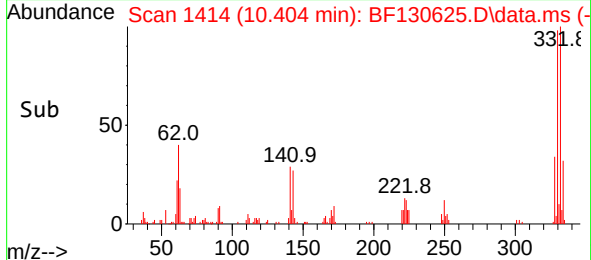
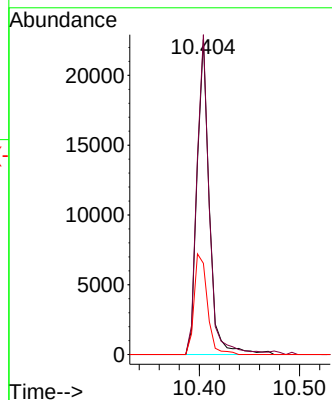
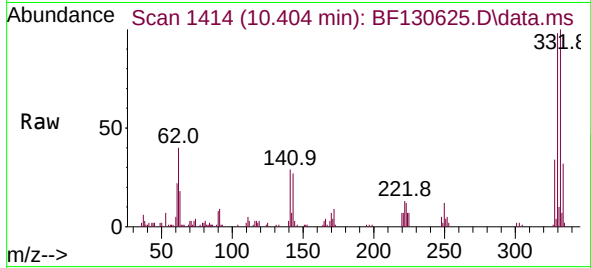




#42
2,4,6-Tribromophenol
Concen: 11.066 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

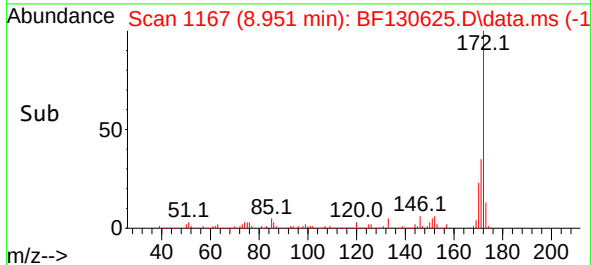
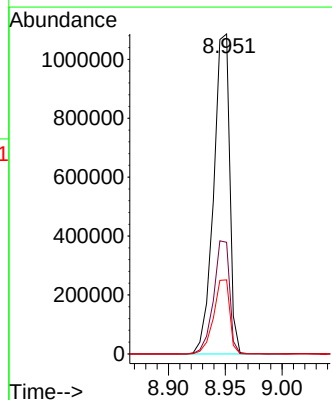
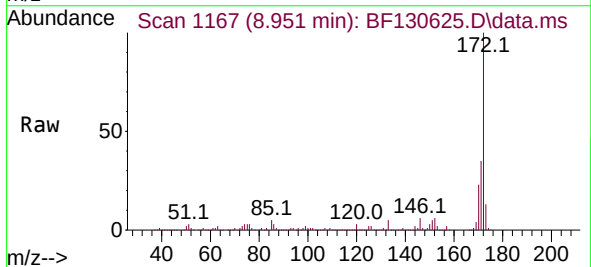
Instrument :
BNA_F
ClientSampleId :
596C-1

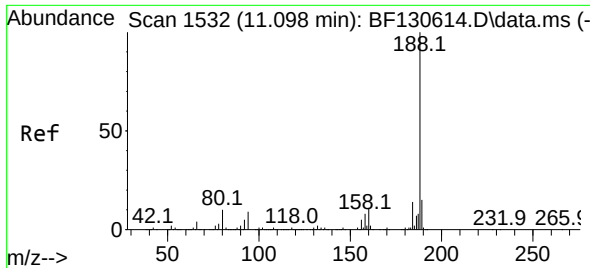
Tgt Ion: 330 Resp: 19216
Ion Ratio Lower Upper
330 100
332 101.2 84.2 126.4
141 34.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 91.117 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion: 172 Resp: 1067515
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.1 18.6 27.8

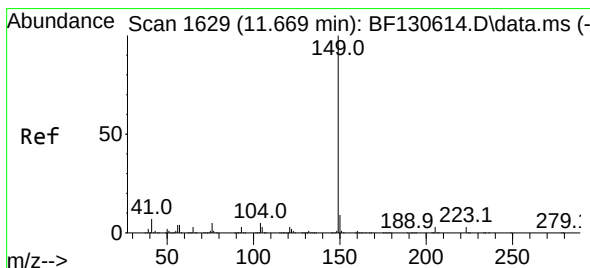
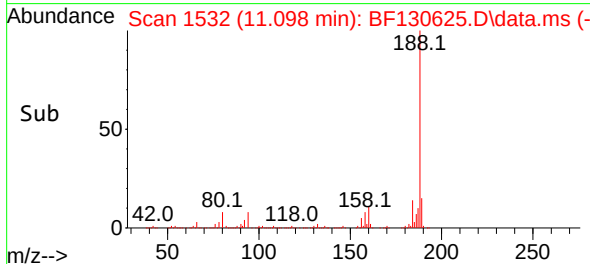
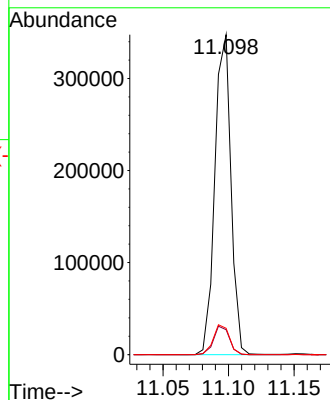
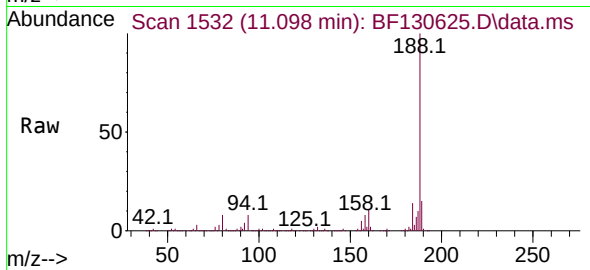




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

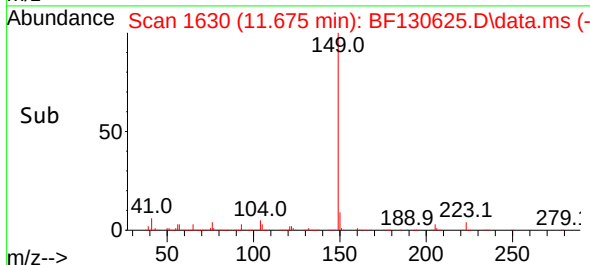
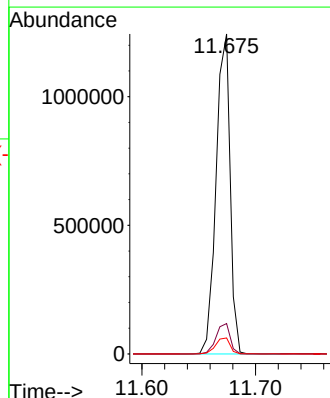
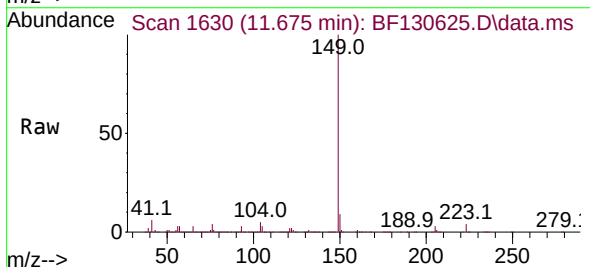
Instrument :
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ClientSampleId :
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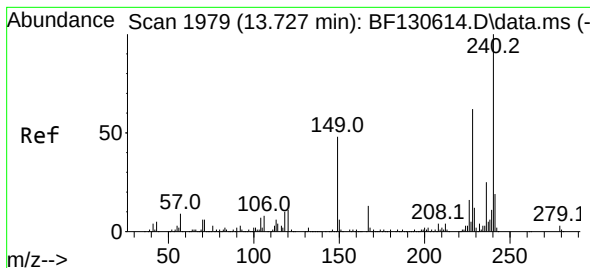
Tgt Ion:188 Resp: 297591
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.2 8.0 12.0



#74
Di-n-butylphthalate
Concen: 61.181 ng
RT: 11.675 min Scan# 1630
Delta R.T. 0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion:149 Resp: 1064852
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.0 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

Instrument :

BNA_F

ClientSampleId :

596C-1

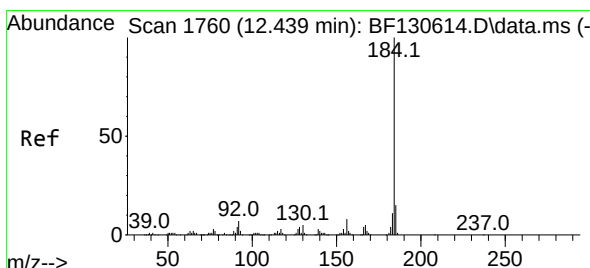
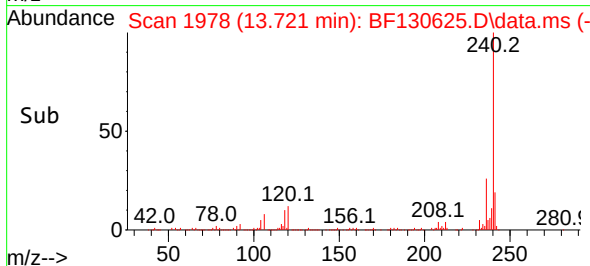
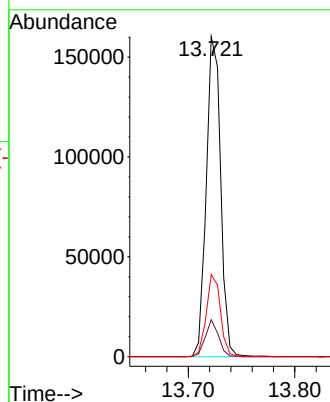
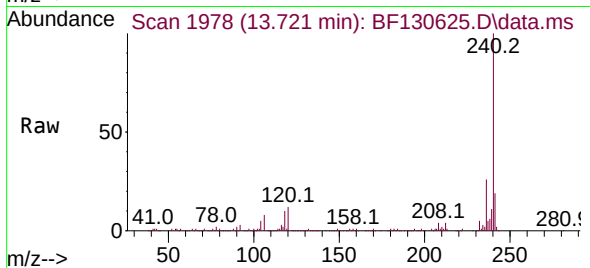
Tgt Ion:240 Resp: 149731

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 25.6 20.2 30.4



#77

Benzidine

Concen: 26.346 ng

RT: 12.433 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

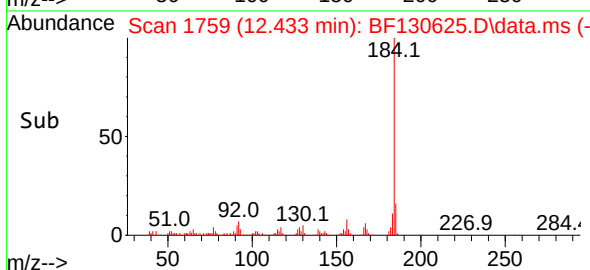
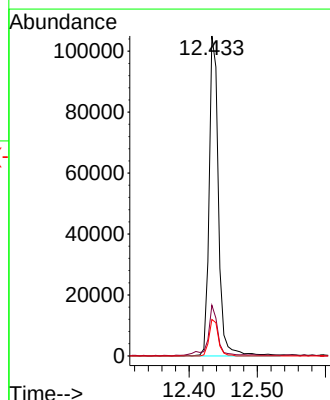
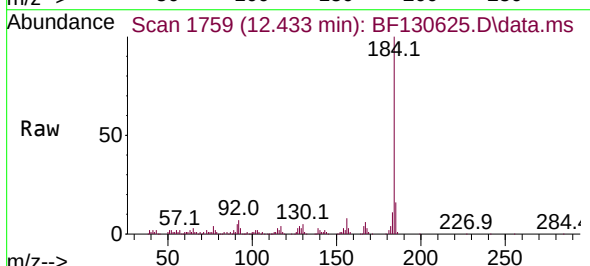
Tgt Ion:184 Resp: 99710

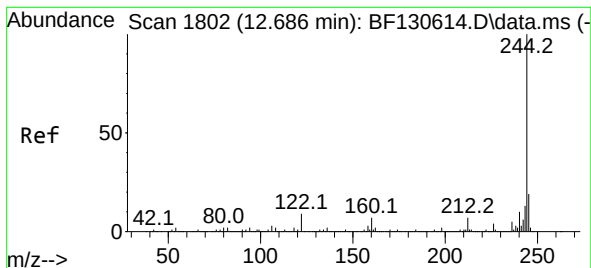
Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

183 11.4 9.0 13.4





#79

Terphenyl-d14

Concen: 102.906 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

Instrument :

BNA_F

ClientSampleId :

596C-1

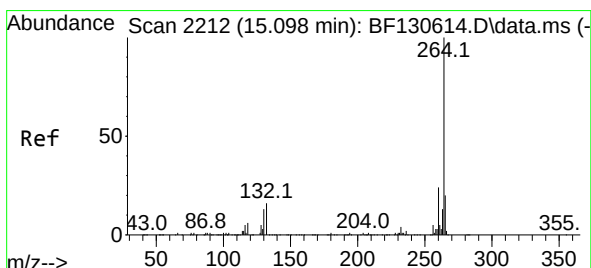
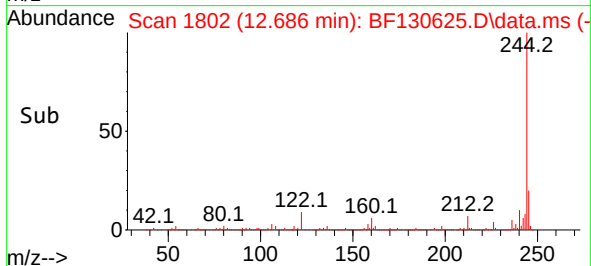
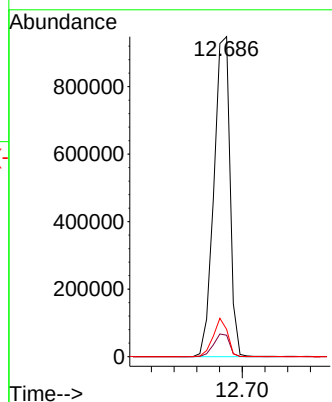
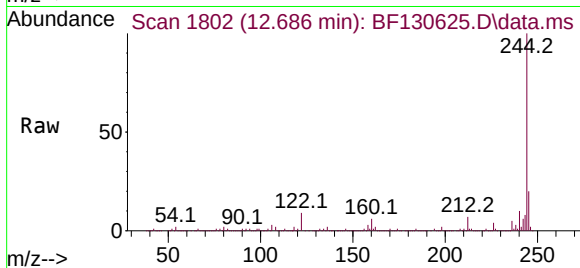
Tgt Ion:244 Resp: 928356

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.5 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: BF130625.D

Acq: 12 Oct 2022 12:36

Tgt Ion:264 Resp: 146923

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.2 16.4 24.6

