

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130605.D
 Acq On : 10 Oct 2022 16:21
 Operator : CG\JU
 Sample : N5046-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-8

Quant Time: Oct 11 03:26:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	107097	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	406125	20.000	ng	0.00
39) Acenaphthene-d10	9.633	164	176567	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	262124	20.000	ng	0.00
76) Chrysene-d12	13.745	240	180015	20.000	ng	0.00
86) Perylene-d12	15.127	264	185327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	641930	103.962	ng	0.00
7) Phenol-d6	6.251	99	843743	109.210	ng	0.00
23) Nitrobenzene-d5	7.175	82	526026	66.171	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	155000	91.616	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	885808	73.055	ng	0.00
79) Terphenyl-d14	12.704	244	566210	52.102	ng	0.00

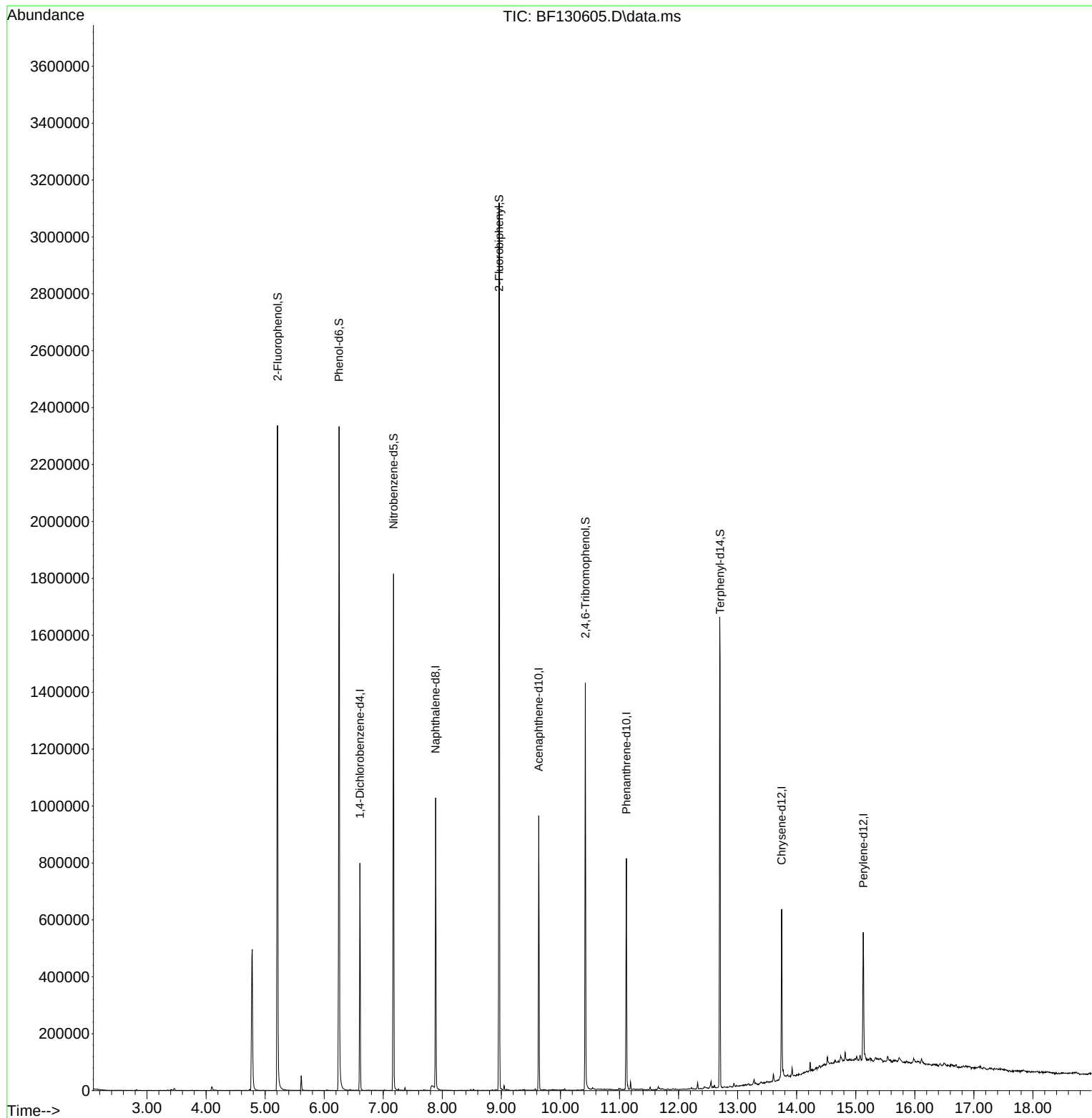
Target Compounds	Qvalue

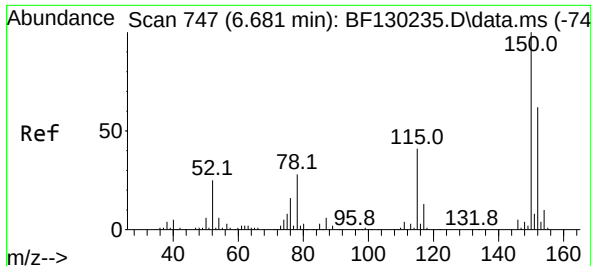
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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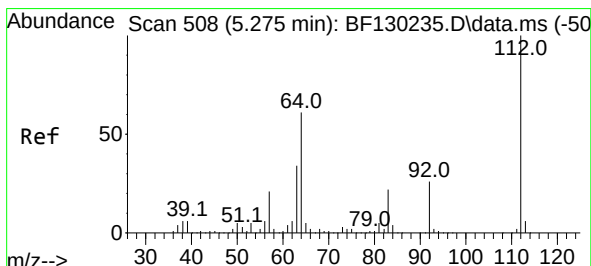
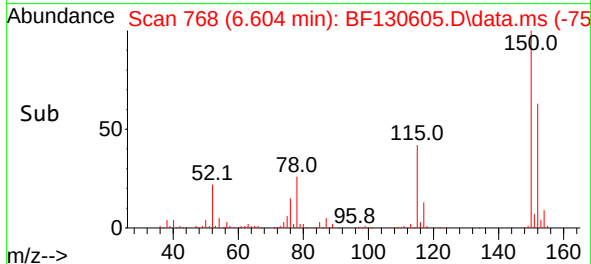
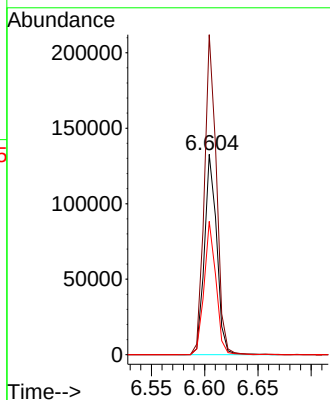
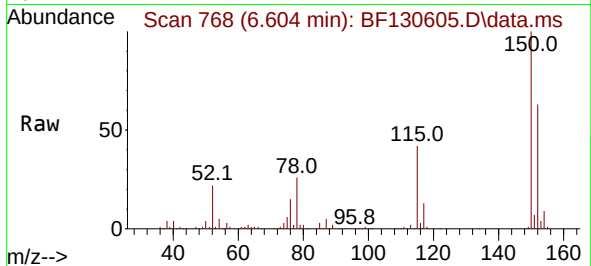




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

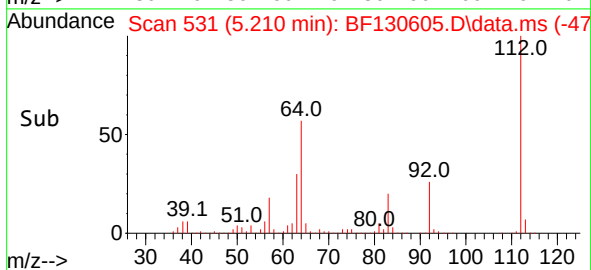
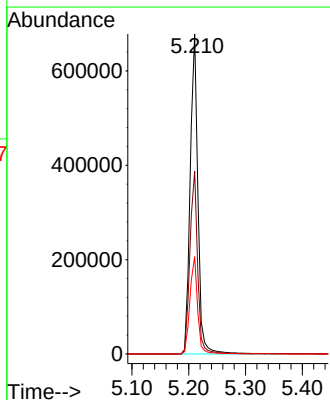
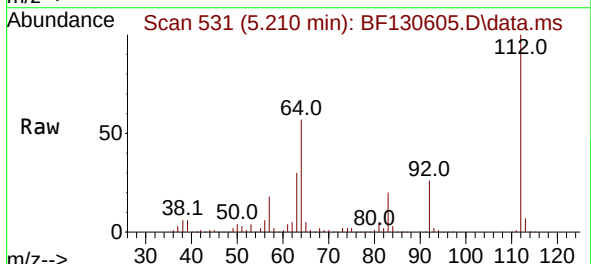
Instrument :
BNA_F
ClientSampleId :
R-8

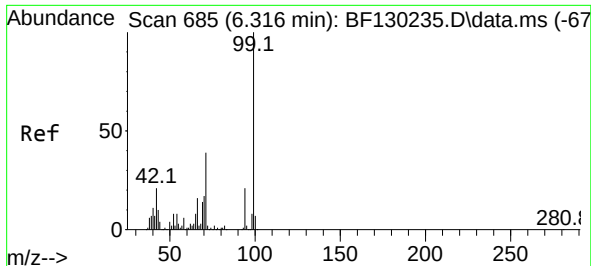
Tgt Ion:152 Resp: 107097
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 66.5 53.8 80.8



#5
2-Fluorophenol
Concen: 103.962 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion:112 Resp: 641930
Ion Ratio Lower Upper
112 100
64 57.1 51.4 77.0
63 30.4 28.8 43.2

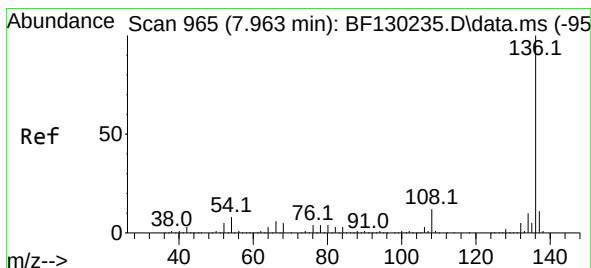
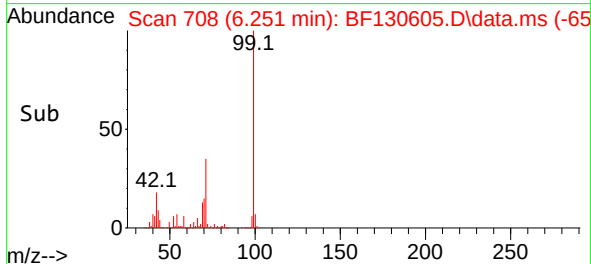
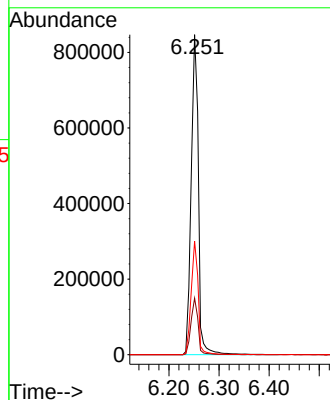
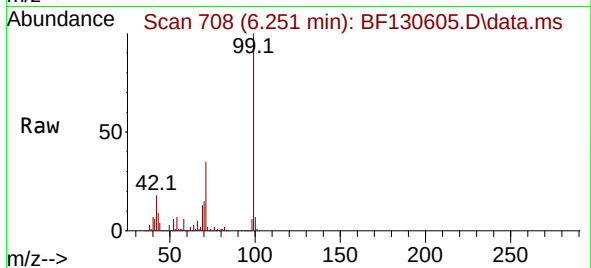




#7
Phenol-d6
Concen: 109.210 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

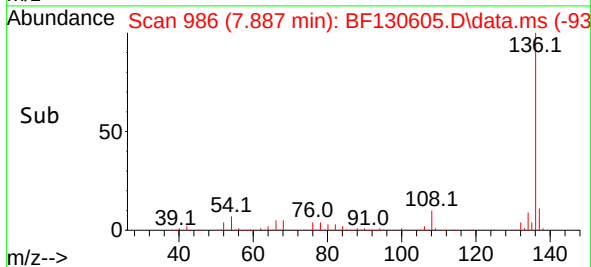
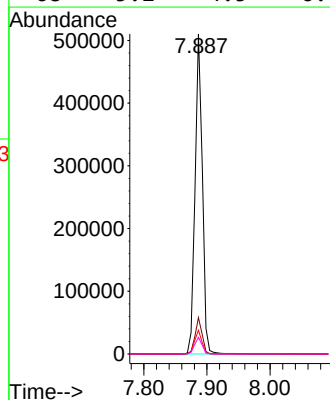
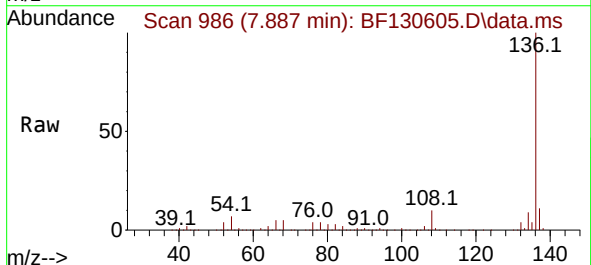
Instrument :
BNA_F
ClientSampleId :
R-8

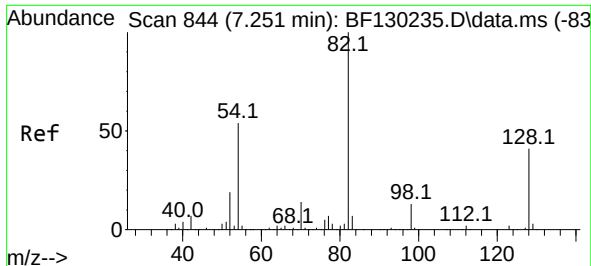
Tgt Ion: 99 Resp: 843743
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 35.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion:136 Resp: 406125
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.4 7.1 10.7
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 66.171 ng

RT: 7.175 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

R-8

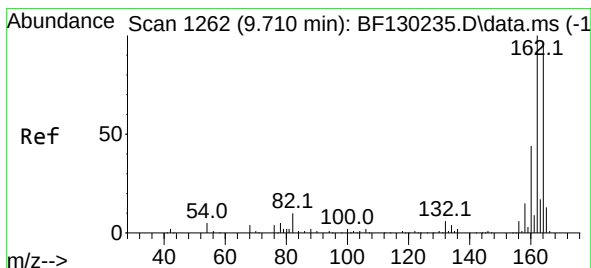
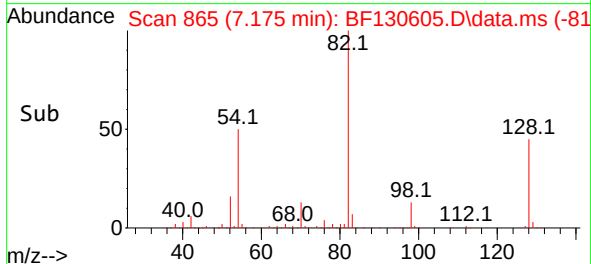
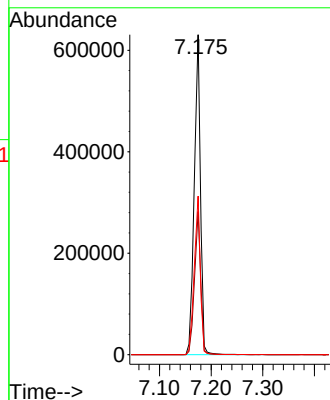
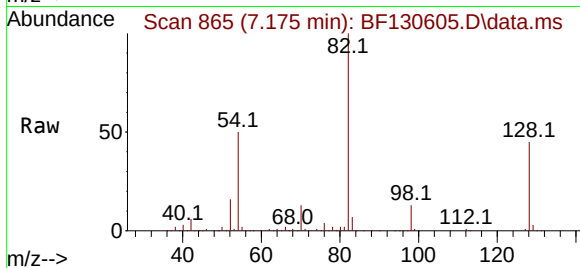
Tgt Ion: 82 Resp: 526026

Ion Ratio Lower Upper

82 100

128 44.7 32.6 49.0

54 49.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

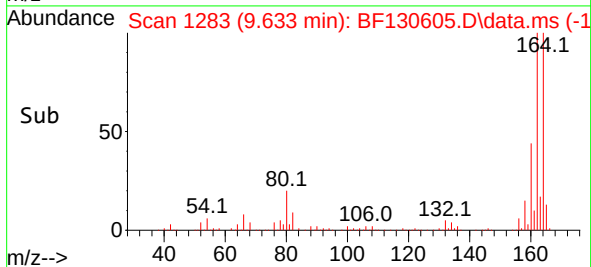
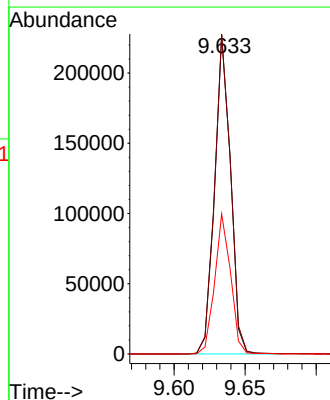
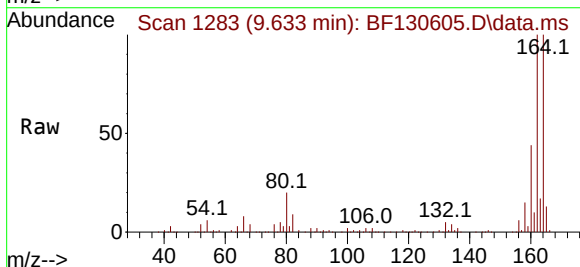
Tgt Ion:164 Resp: 176567

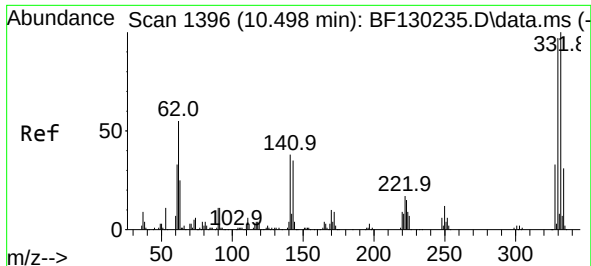
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 91.616 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

R-8

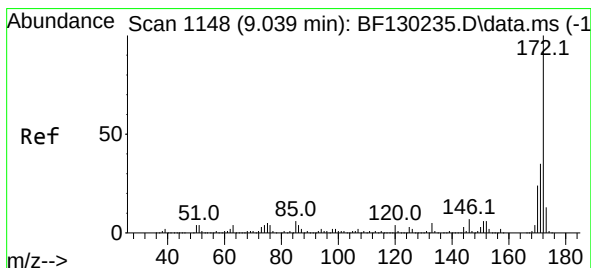
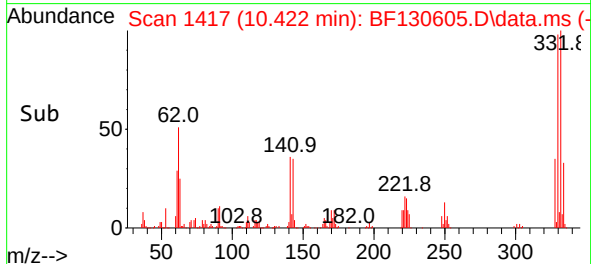
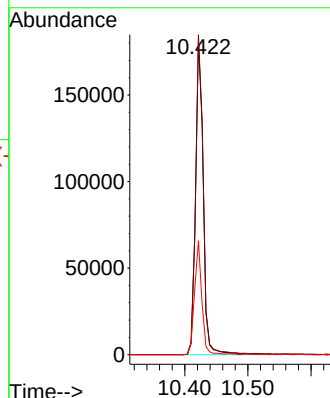
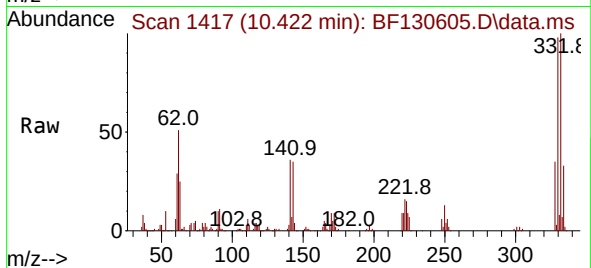
Tgt Ion:330 Resp: 155000

Ion Ratio Lower Upper

330 100

332 100.8 83.4 125.2

141 33.9 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 73.055 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

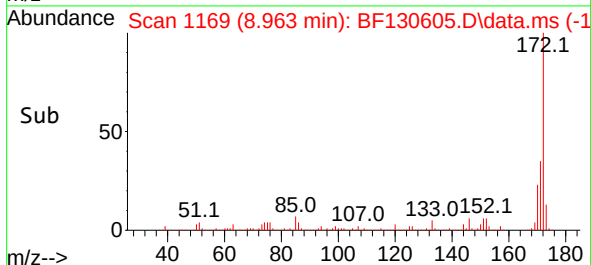
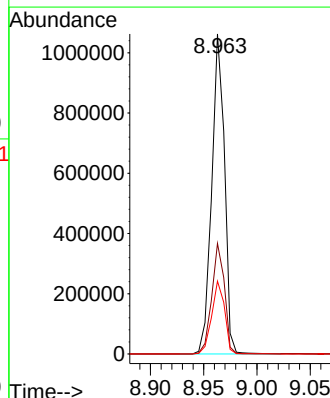
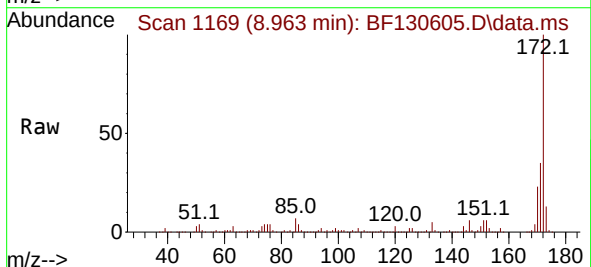
Tgt Ion:172 Resp: 885808

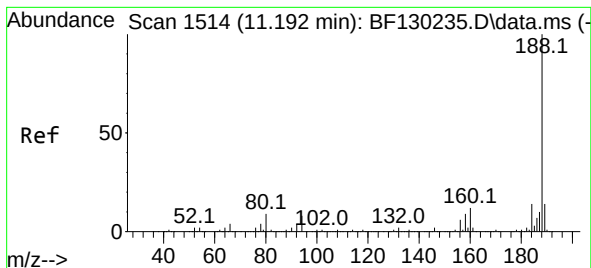
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

R-8

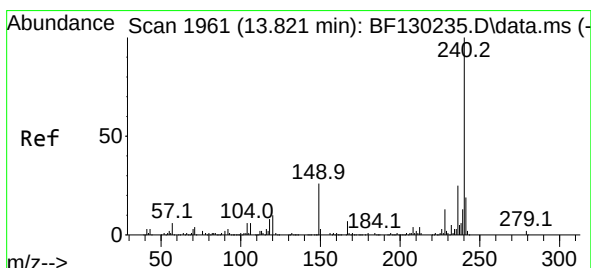
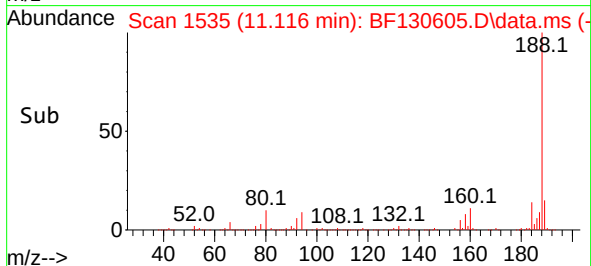
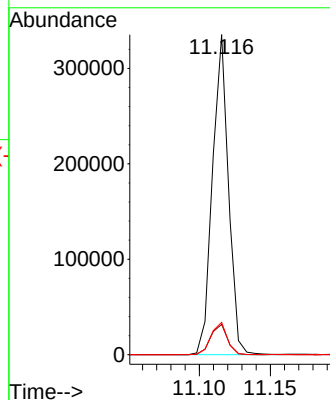
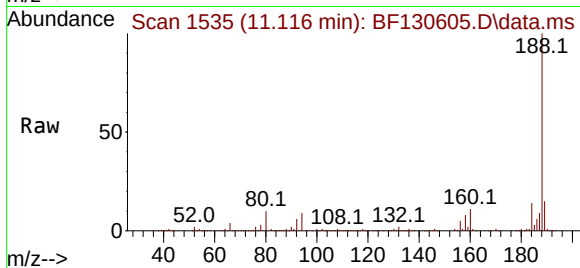
Tgt Ion:188 Resp: 262124

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.745 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

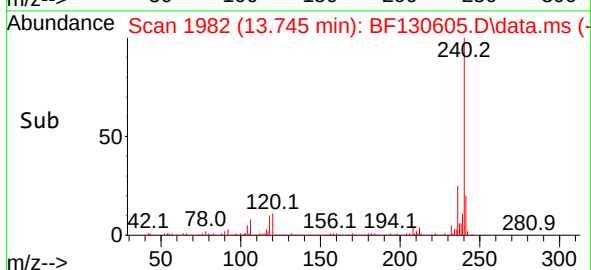
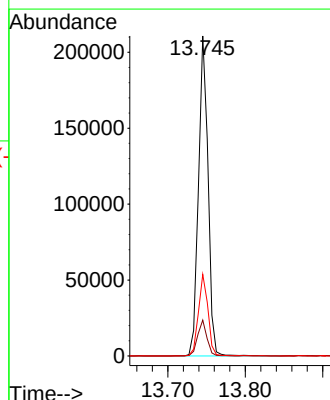
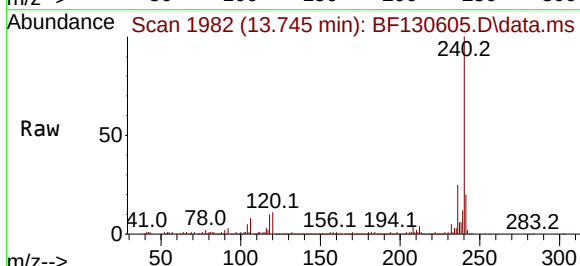
Tgt Ion:240 Resp: 180015

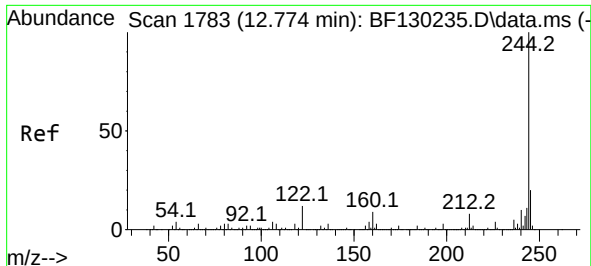
Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

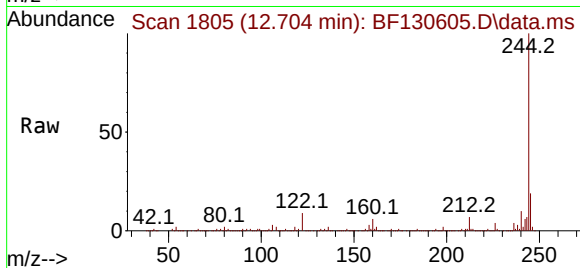
236 25.5 20.9 31.3



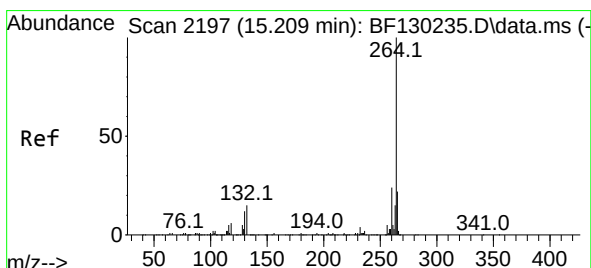
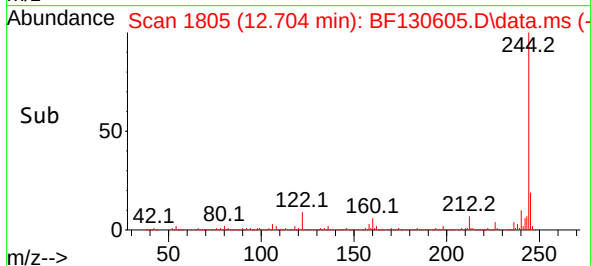
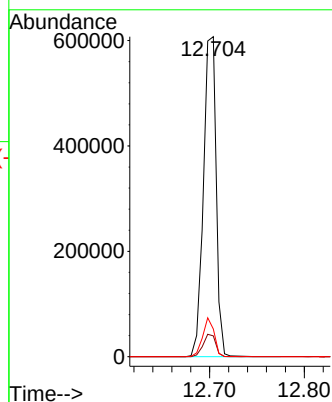


#79
 Terphenyl-d14
 Concen: 52.102 ng
 RT: 12.704 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Instrument :
 BNA_F
 ClientSampleId :
 R-8



Tgt Ion:244 Resp: 566210
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 8.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Tgt Ion:264 Resp: 185327
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.7 17.0 25.4

