

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130597.D
 Acq On : 10 Oct 2022 11:44
 Operator : CG\JU
 Sample : PB148187BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BL

Quant Time: Oct 10 13:42:39 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 13:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	121061	20.000	ng	0.00
21) Naphthalene-d8	7.886	136	489831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.633	164	267725	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	458039	20.000	ng	0.00
76) Chrysene-d12	13.745	240	283046	20.000	ng	0.00
86) Perylene-d12	15.127	264	242740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	845858	121.188	ng	0.01
7) Phenol-d6	6.257	99	1056826	121.012	ng	0.00
23) Nitrobenzene-d5	7.175	82	668394	69.712	ng	0.00
42) 2,4,6-Tribromophenol	10.428	330	319478	124.537	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1297464	70.571	ng	0.00
79) Terphenyl-d14	12.704	244	1359364	79.555	ng	0.00

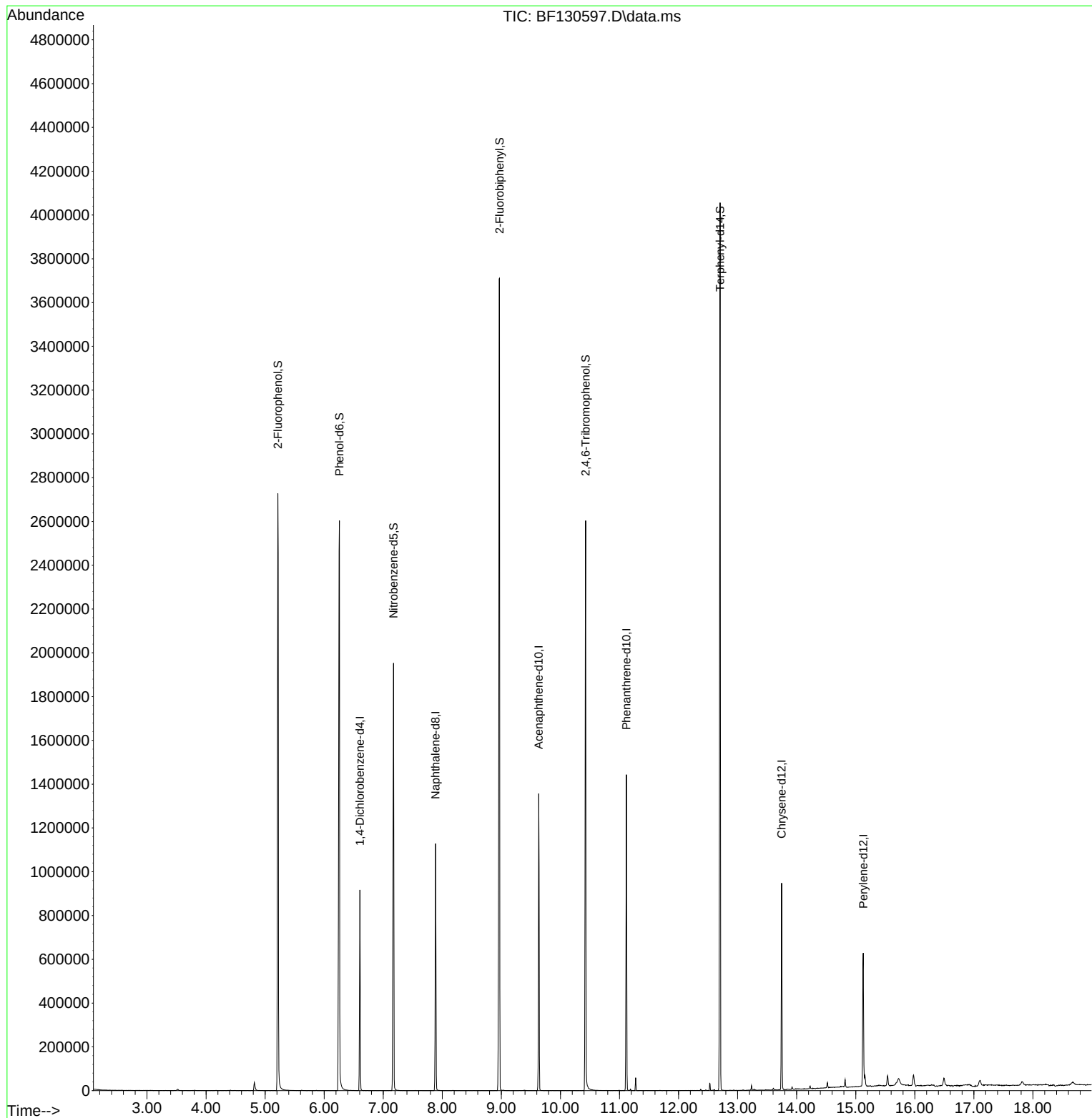
Target Compounds	Qvalue

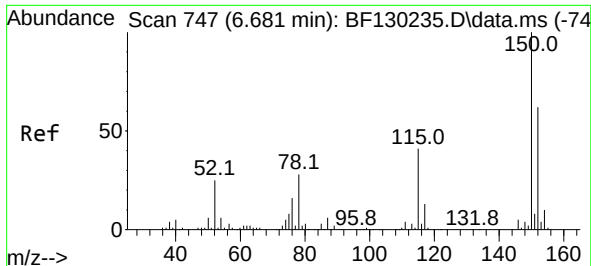
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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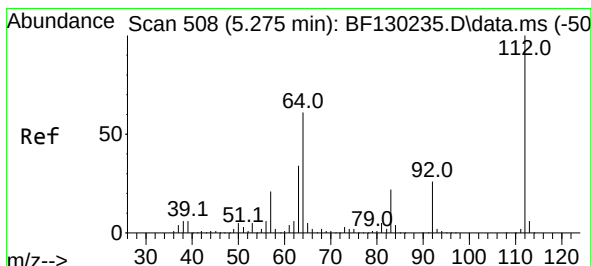
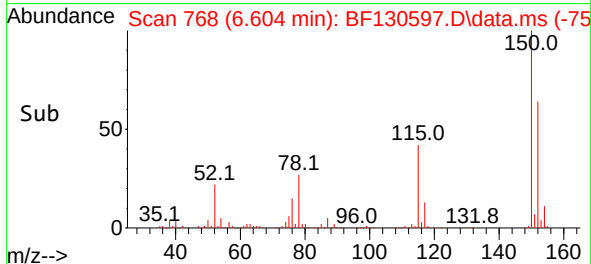
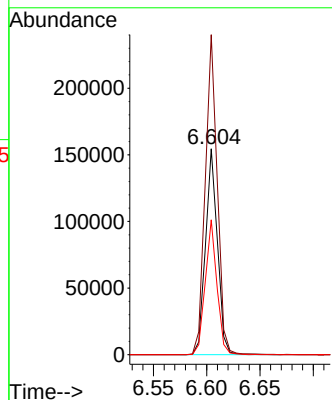
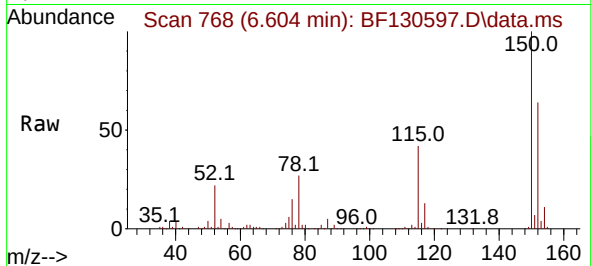




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130597.D
Acq: 10 Oct 2022 11:44

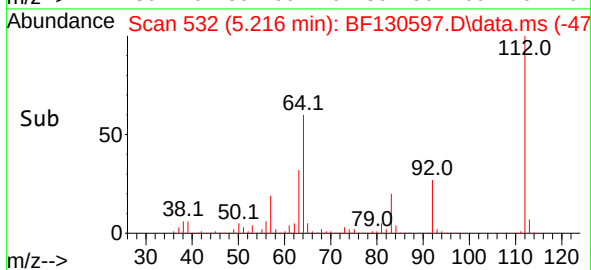
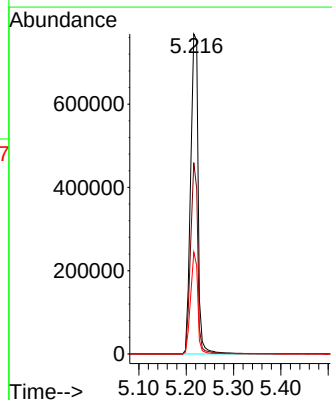
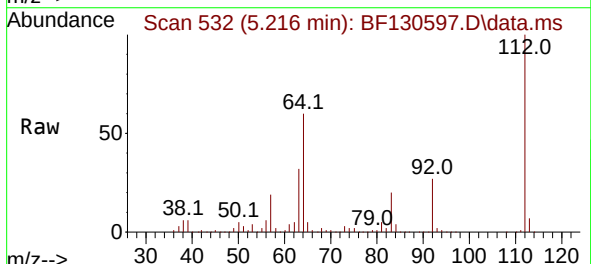
Instrument :
BNA_F
ClientSampleId :
PB148187BL

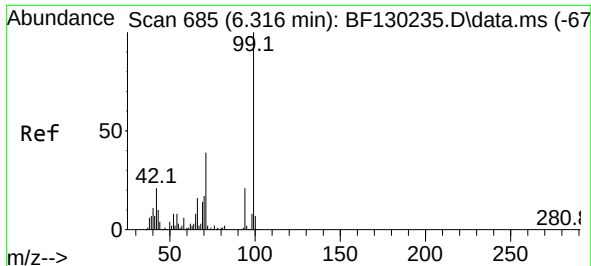
Tgt Ion:152 Resp: 121061
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 65.5 53.8 80.8



#5
2-Fluorophenol
Concen: 121.188 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.012 min
Lab File: BF130597.D
Acq: 10 Oct 2022 11:44

Tgt Ion:112 Resp: 845858
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 31.8 28.8 43.2

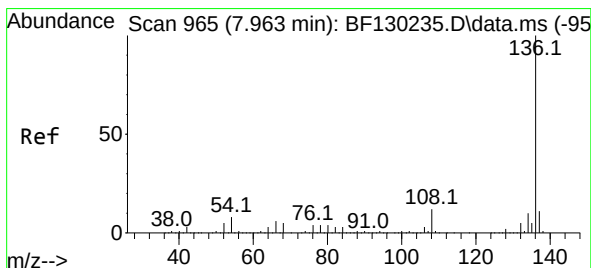
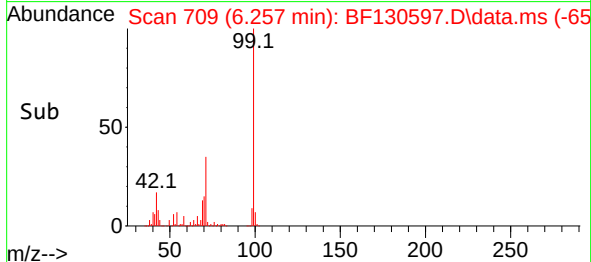
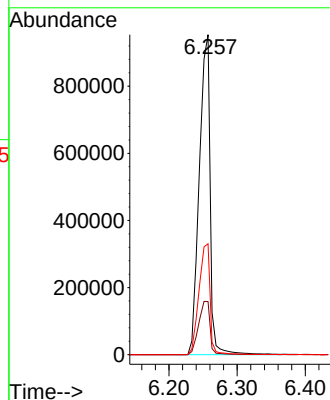
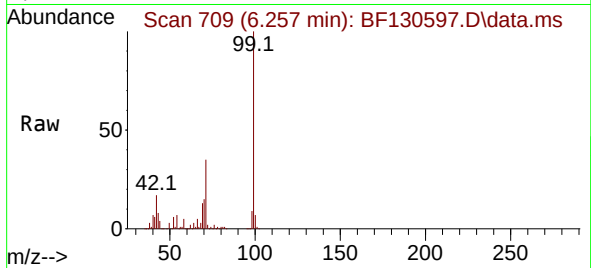




#7
Phenol-d6
Concen: 121.012 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF130597.D
Acq: 10 Oct 2022 11:44

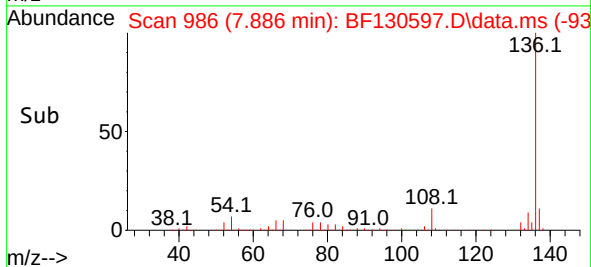
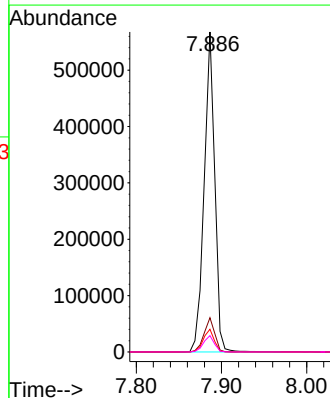
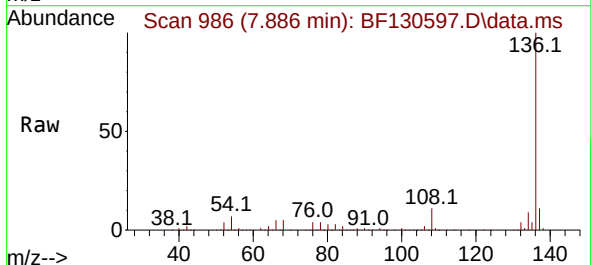
Instrument :
BNA_F
ClientSampleId :
PB148187BL

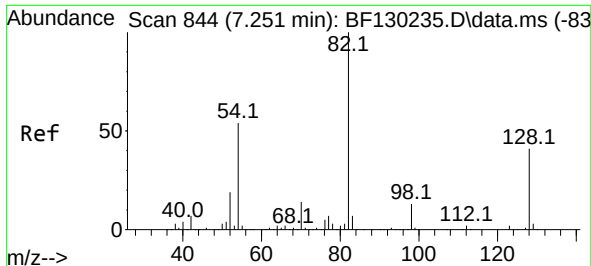
Tgt Ion: 99 Resp: 1056826
Ion Ratio Lower Upper
99 100
42 16.6 17.0 25.6#
71 34.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF130597.D
Acq: 10 Oct 2022 11:44

Tgt Ion: 136 Resp: 489831
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.1 7.1 10.7#
68 5.1 4.5 6.7

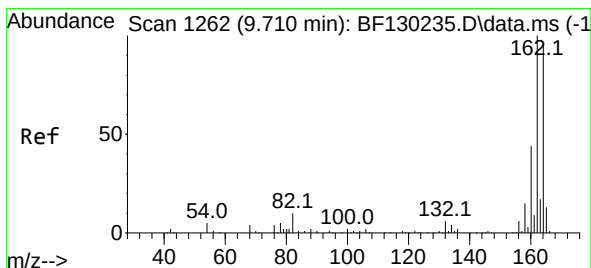
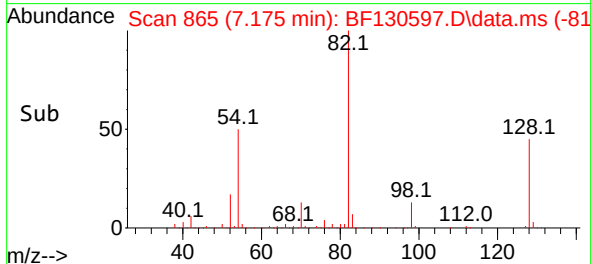
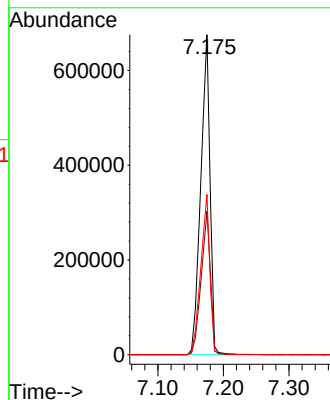
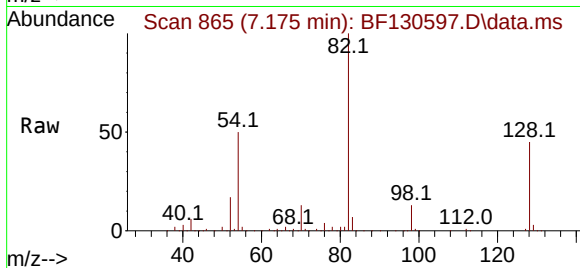




#23
 Nitrobenzene-d5
 Concen: 69.712 ng
 RT: 7.175 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF130597.D
 Acq: 10 Oct 2022 11:44

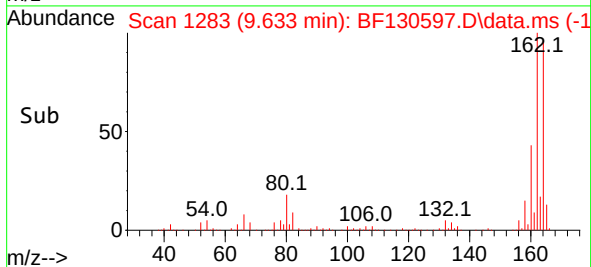
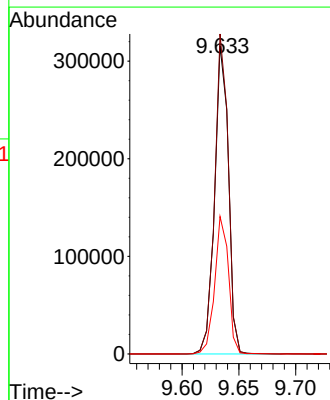
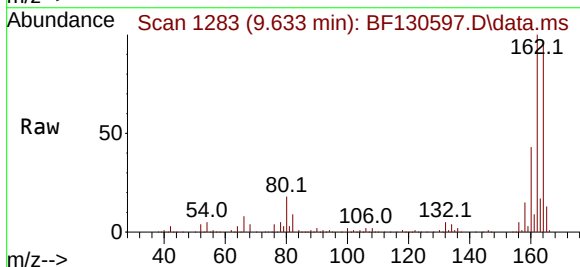
Instrument :
 BNA_F
 ClientSampleId :
 PB148187BL

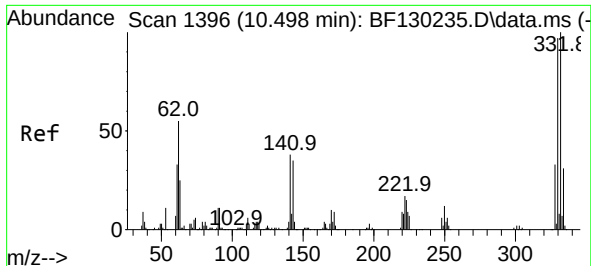
Tgt Ion: 82 Resp: 668394
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.6 49.0
 54 50.1 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.633 min Scan# 1283
 Delta R.T. -0.006 min
 Lab File: BF130597.D
 Acq: 10 Oct 2022 11:44

Tgt Ion: 164 Resp: 267725
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.0
 160 44.5 36.2 54.4

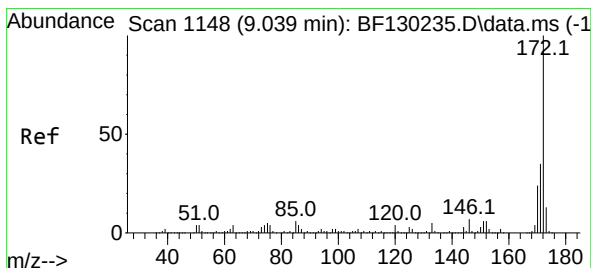
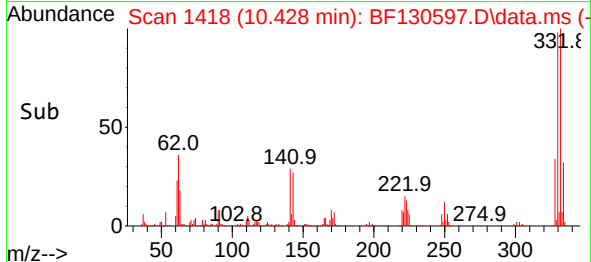
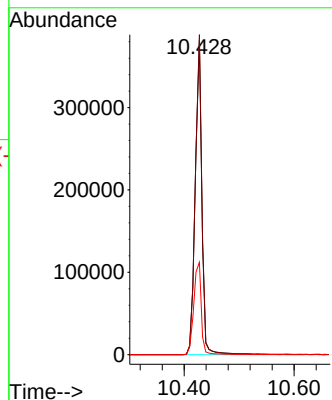
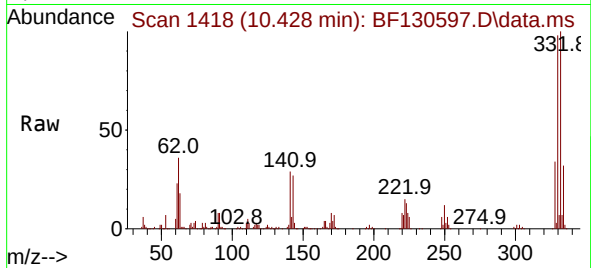




#42
 2,4,6-Tribromophenol
 Concen: 124.537 ng
 RT: 10.428 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: BF130597.D
 Acq: 10 Oct 2022 11:44

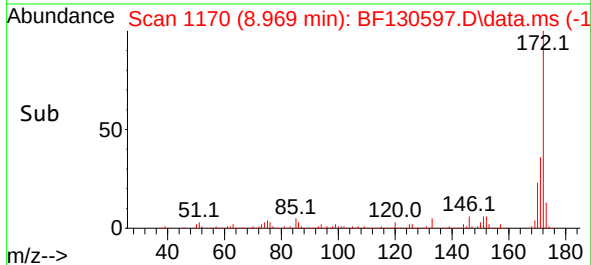
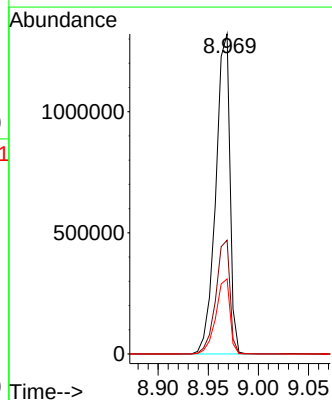
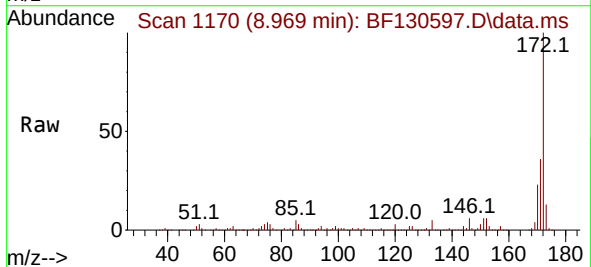
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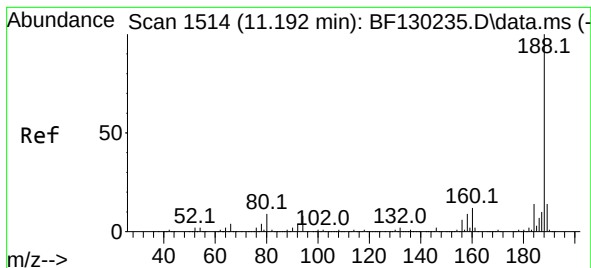
Tgt Ion:330 Resp: 319478
 Ion Ratio Lower Upper
 330 100
 332 101.8 83.4 125.2
 141 33.4 34.0 51.0#



#45
 2-Fluorobiphenyl
 Concen: 70.571 ng
 RT: 8.969 min Scan# 1170
 Delta R.T. 0.000 min
 Lab File: BF130597.D
 Acq: 10 Oct 2022 11:44

Tgt Ion:172 Resp: 1297464
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.4 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: BF130597.D

Acq: 10 Oct 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB148187BL

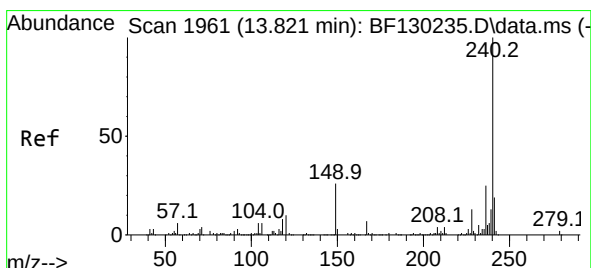
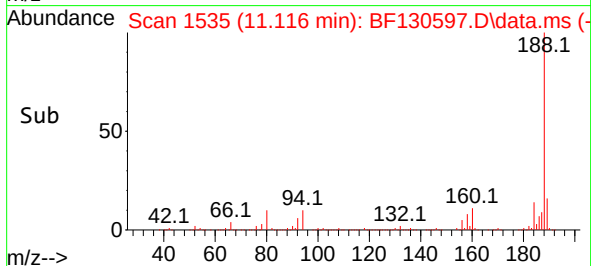
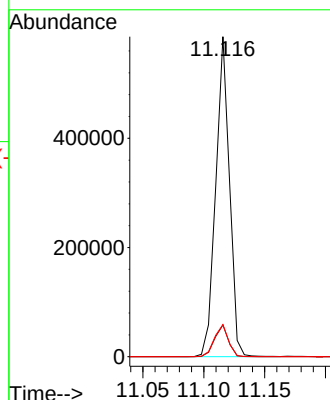
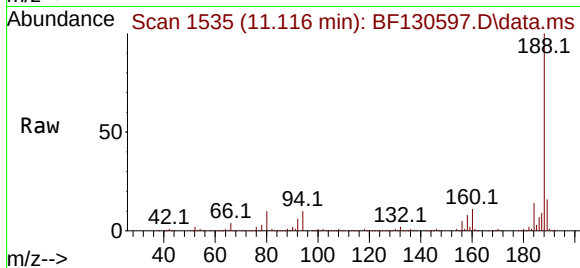
Tgt Ion:188 Resp: 458039

Ion Ratio Lower Upper

188 100

94 9.9 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: BF130597.D

Acq: 10 Oct 2022 11:44

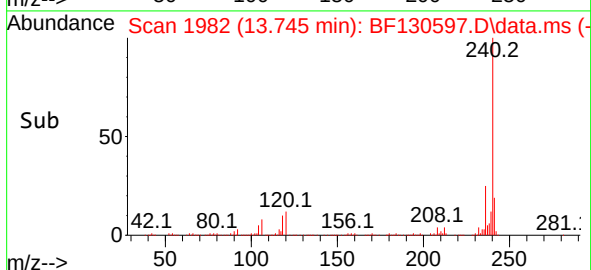
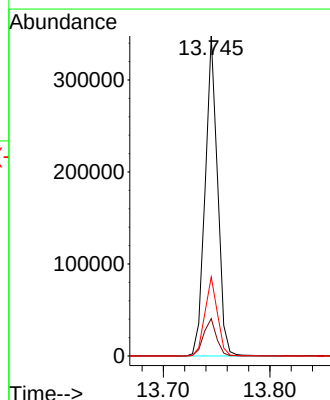
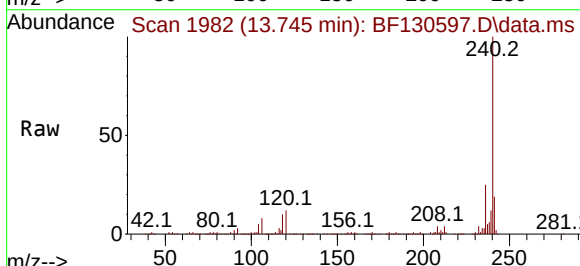
Tgt Ion:240 Resp: 283046

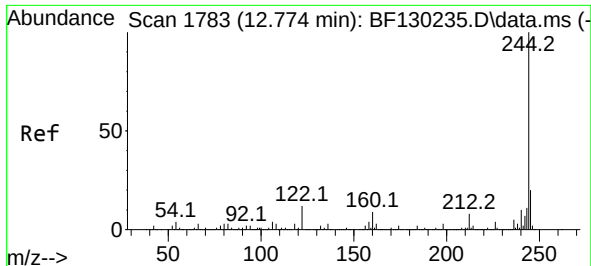
Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

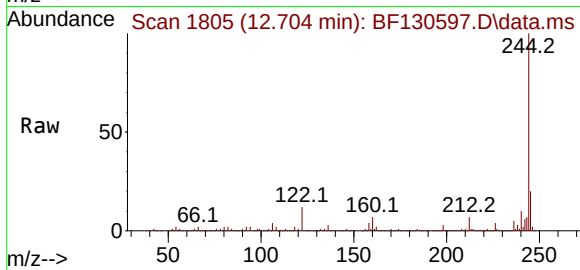
236 24.7 20.9 31.3



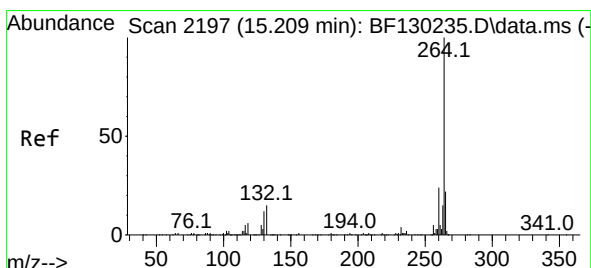
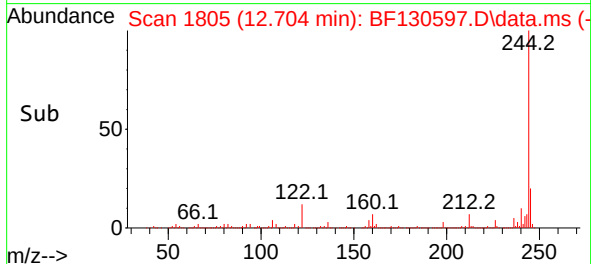
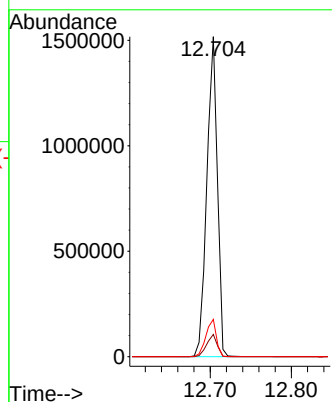


#79
 Terphenyl-d14
 Concen: 79.555 ng
 RT: 12.704 min Scan# 1805
 Delta R.T. 0.006 min
 Lab File: BF130597.D
 Acq: 10 Oct 2022 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BL



Tgt Ion:244 Resp: 1359364
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.6 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: BF130597.D
 Acq: 10 Oct 2022 11:44

Tgt Ion:264 Resp: 242740
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 22.0 17.0 25.4

