

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133377.D
 Acq On : 12 May 2023 19:23
 Operator : CG\JU
 Sample : 02750-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-2-051123

Quant Time: May 12 23:36:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	202686	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	779218	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	341884	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	552837	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380926	20.000	ng	0.00
86) Perylene-d12	15.298	264	303202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	459119	34.218	ng	0.00
7) Phenol-d6	6.363	99	559299	33.584	ng	0.00
23) Nitrobenzene-d5	7.281	82	307311	21.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	97873	28.466	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	571763	27.979	ng	0.00
79) Terphenyl-d14	12.822	244	546390	24.738	ng	0.00

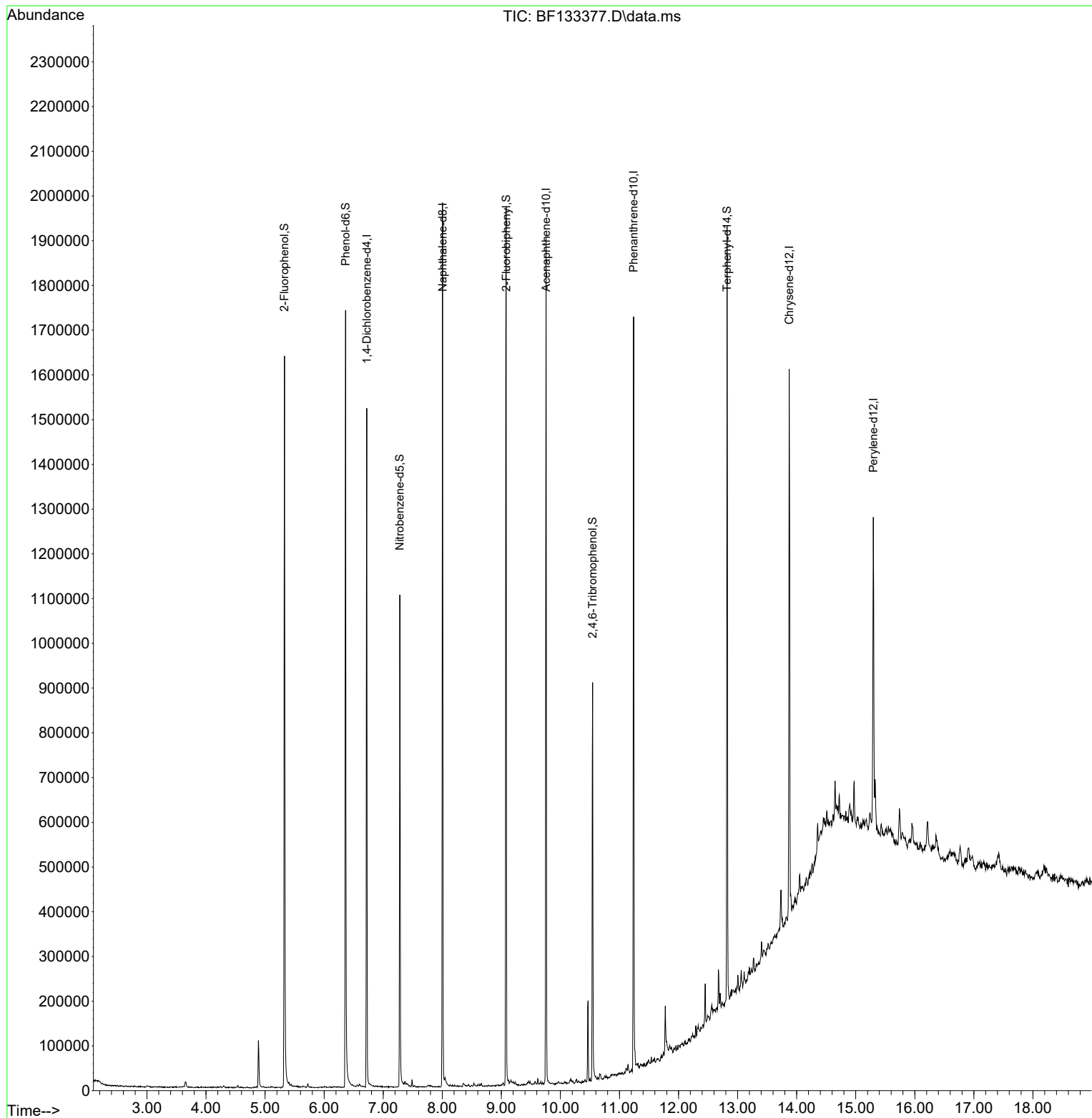
Target Compounds	Qvalue

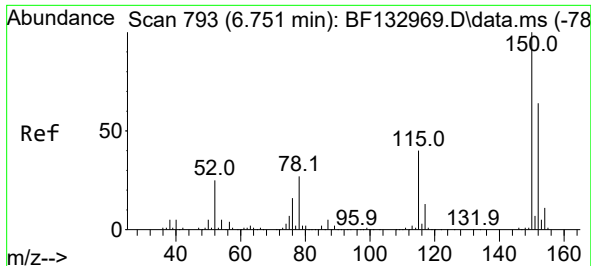
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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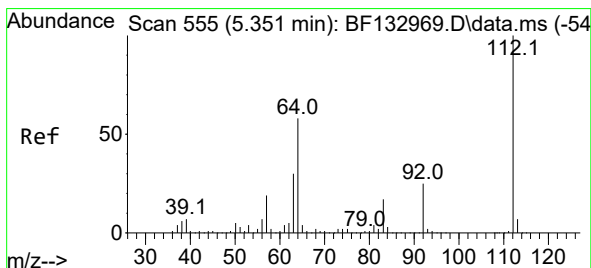
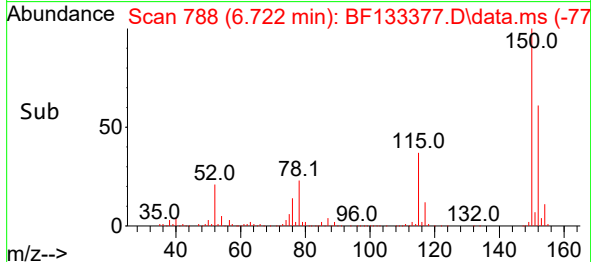
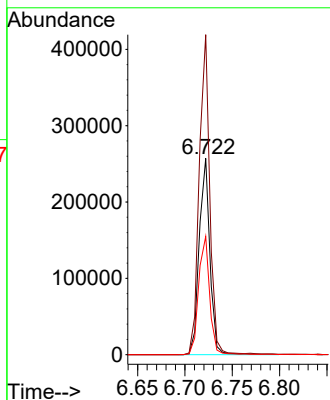
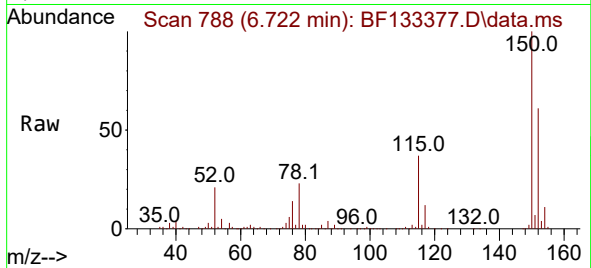




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

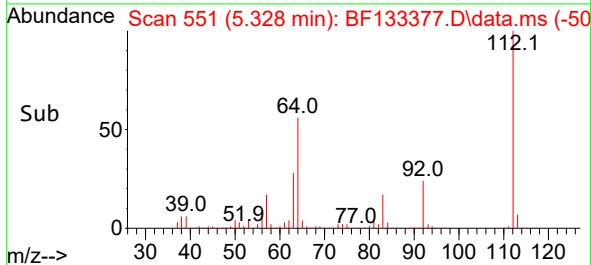
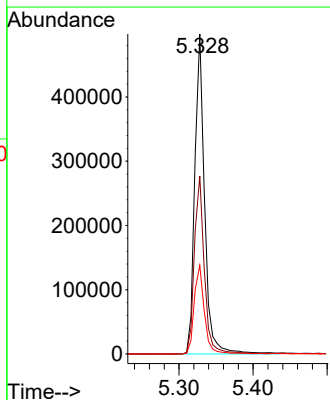
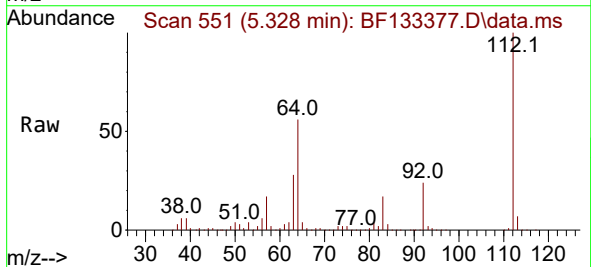
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

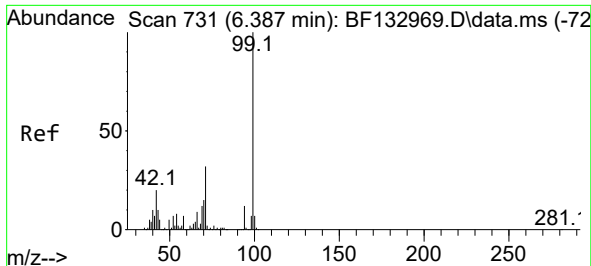
Tgt Ion:152 Resp: 202686
Ion Ratio Lower Upper
152 100
150 163.1 124.8 187.2
115 60.2 49.9 74.9



#5
2-Fluorophenol
Concen: 34.218 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion:112 Resp: 459119
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 27.7 23.8 35.8

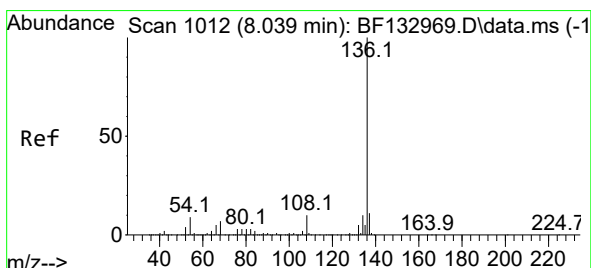
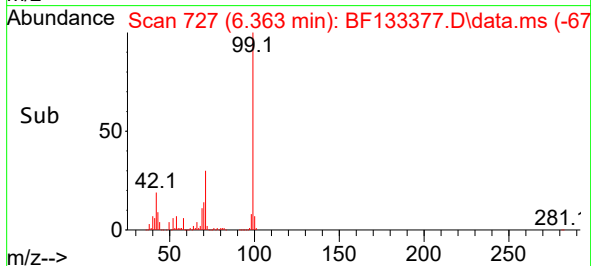
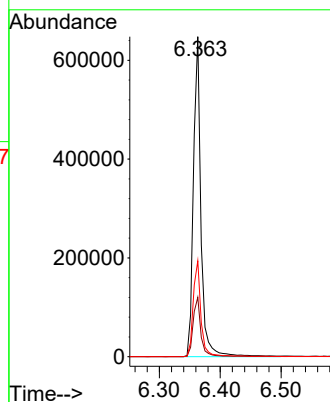
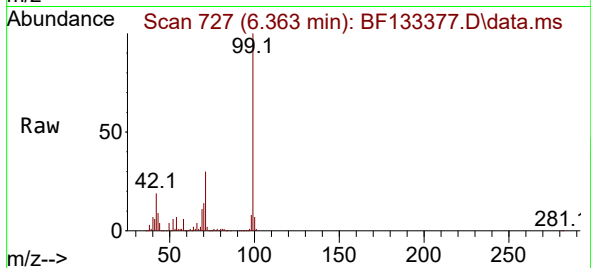




#7
Phenol-d6
Concen: 33.584 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

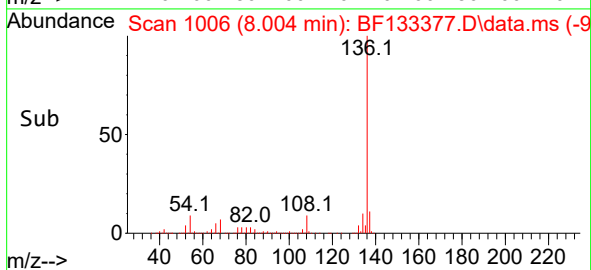
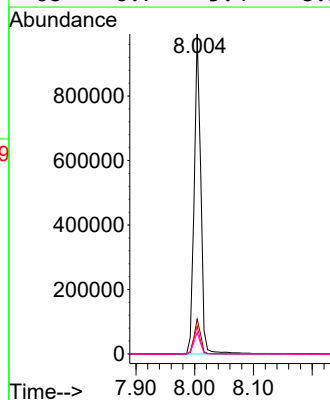
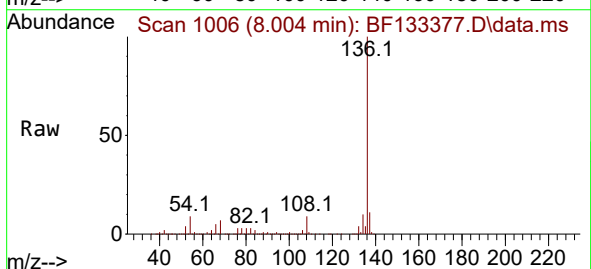
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

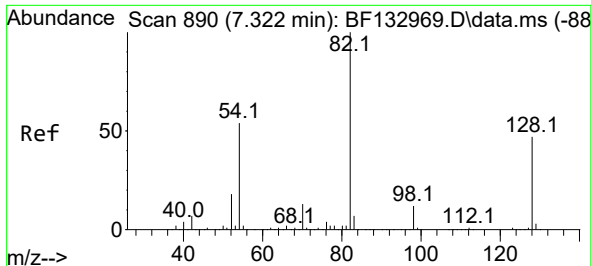
Tgt Ion: 99 Resp: 559299
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 29.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion: 136 Resp: 779218
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 21.288 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

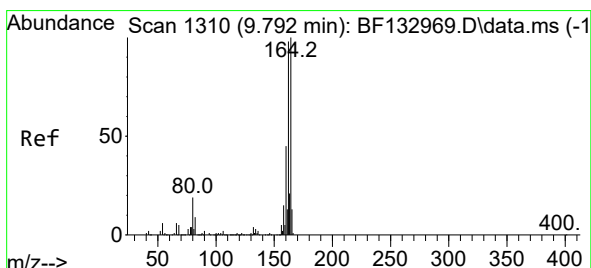
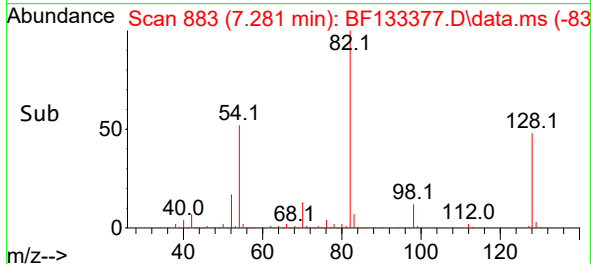
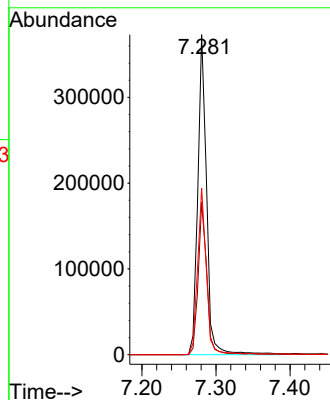
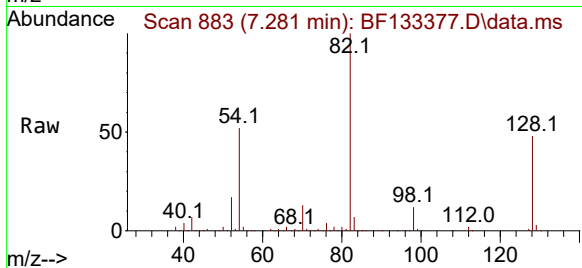
Tgt Ion: 82 Resp: 307311

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 52.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

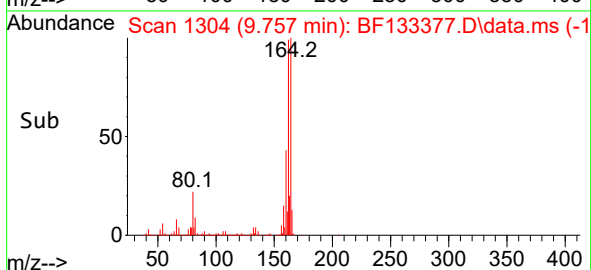
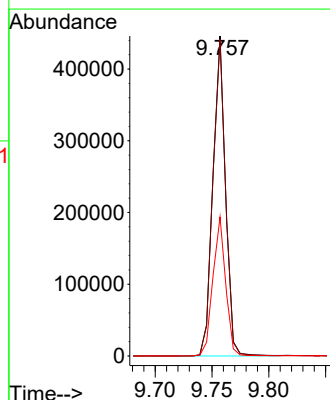
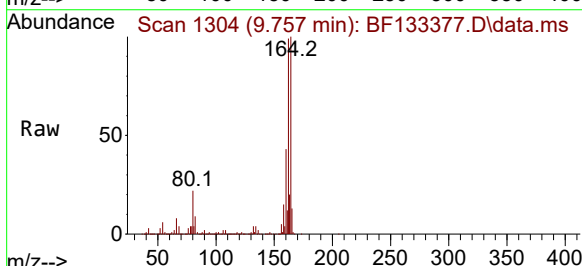
Tgt Ion:164 Resp: 341884

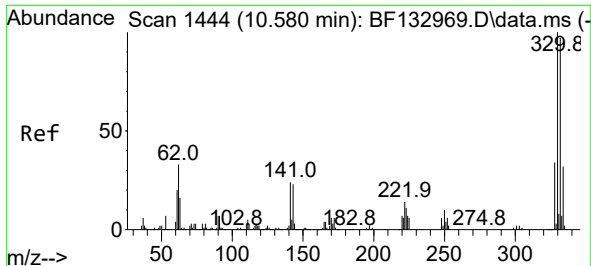
Ion Ratio Lower Upper

164 100

162 99.0 78.7 118.1

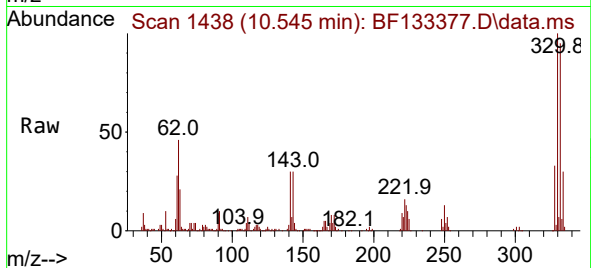
160 43.4 35.8 53.6



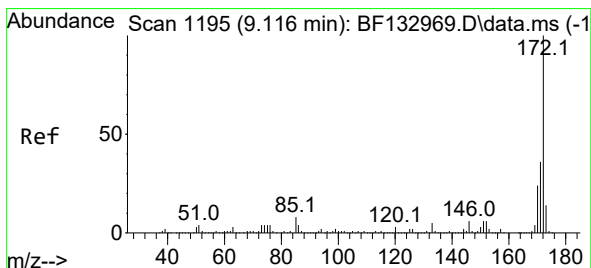
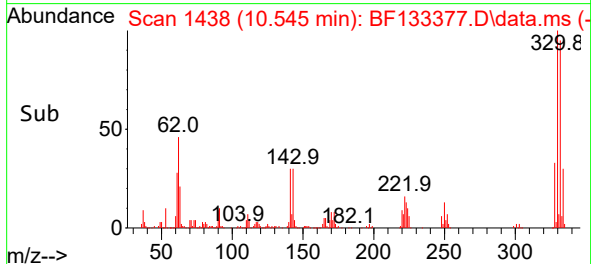
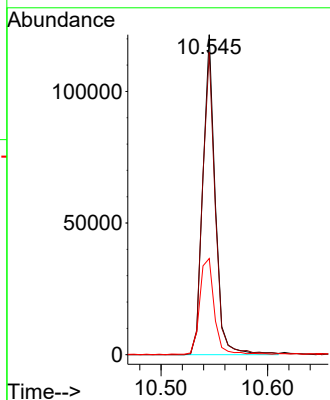


#42
2,4,6-Tribromophenol
Concen: 28.466 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

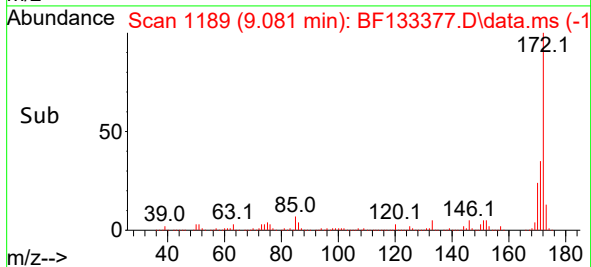
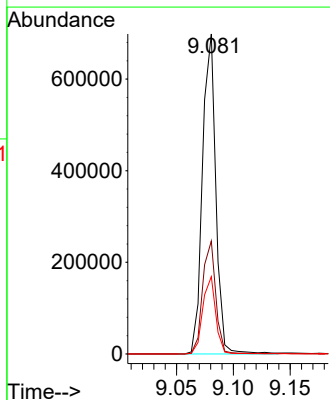
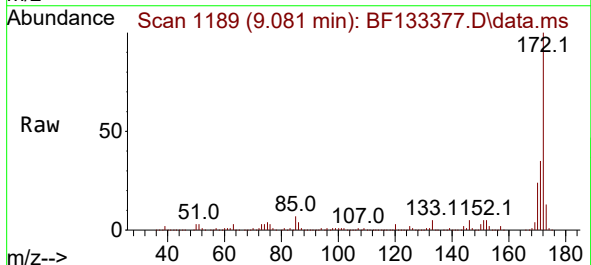


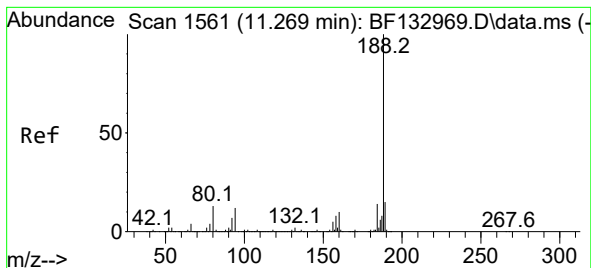
Tgt Ion: 330 Resp: 97873
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 36.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 27.979 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion: 172 Resp: 571763
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

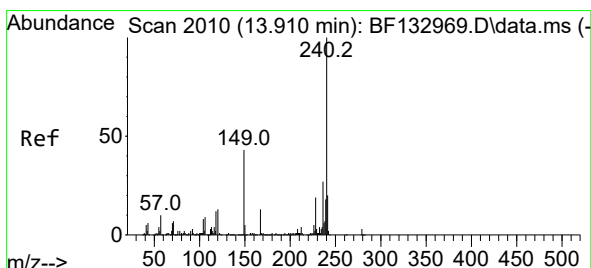
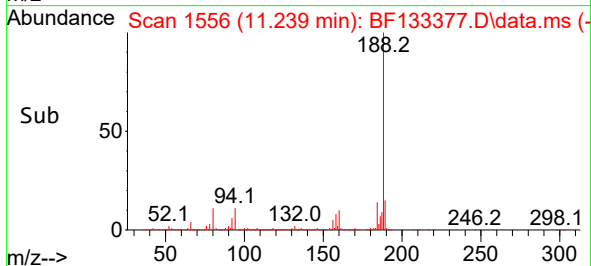
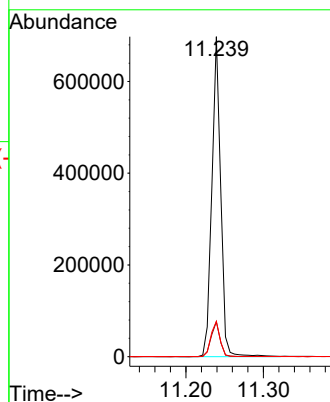
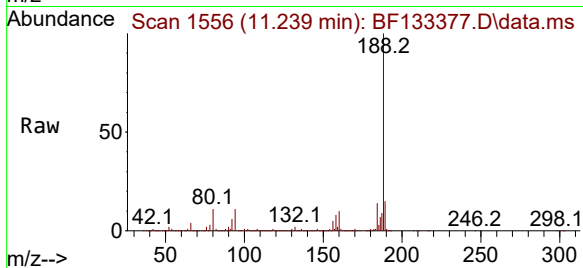
Tgt Ion:188 Resp: 552837

Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.0 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

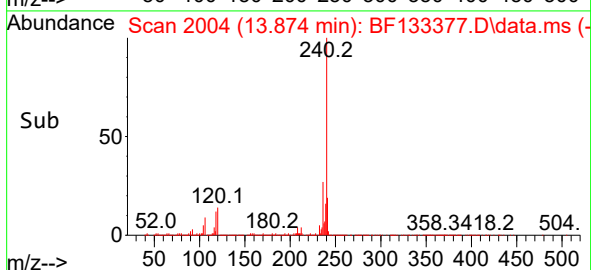
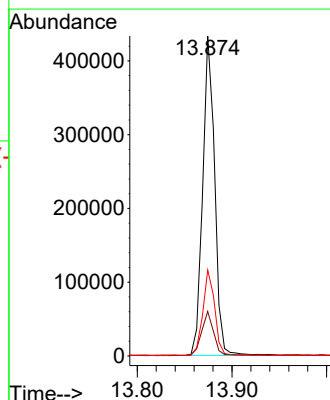
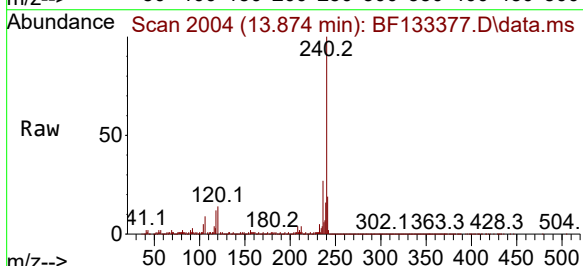
Tgt Ion:240 Resp: 380926

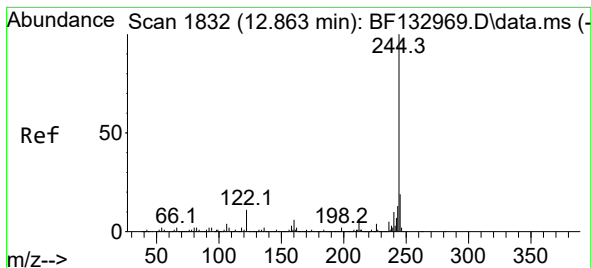
Ion Ratio Lower Upper

240 100

120 13.9 10.5 15.7

236 26.8 21.5 32.3





#79

Terphenyl-d14

Concen: 24.738 ng

RT: 12.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

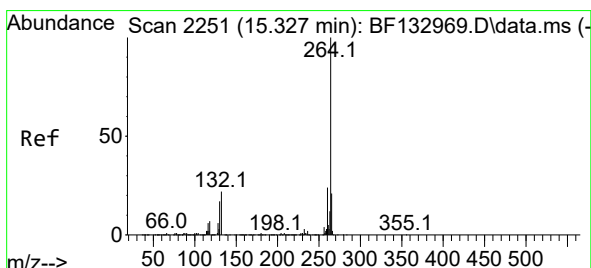
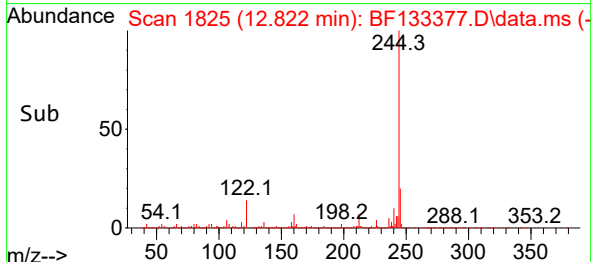
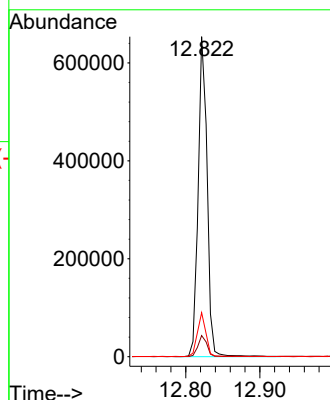
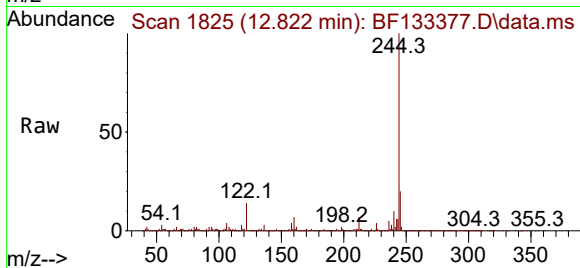
Tgt Ion:244 Resp: 546390

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 13.8 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133377.D

Acq: 12 May 2023 19:23

Tgt Ion:264 Resp: 303202

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 22.7 17.0 25.4

