

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133330.D
 Acq On : 10 May 2023 14:55
 Operator : CG\JU
 Sample : 02719-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509

Quant Time: May 10 15:50:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	208813	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	865945	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	455186	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	797371	20.000	ng	0.00
76) Chrysene-d12	13.874	240	414677	20.000	ng	0.00
86) Perylene-d12	15.298	264	470685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1455342	105.283	ng	0.02
7) Phenol-d6	6.369	99	1760187	102.591	ng	0.00
23) Nitrobenzene-d5	7.287	82	1104123	68.823	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	269946	58.969	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1831538	67.317	ng	0.00
79) Terphenyl-d14	12.833	244	1841911	76.606	ng	0.00

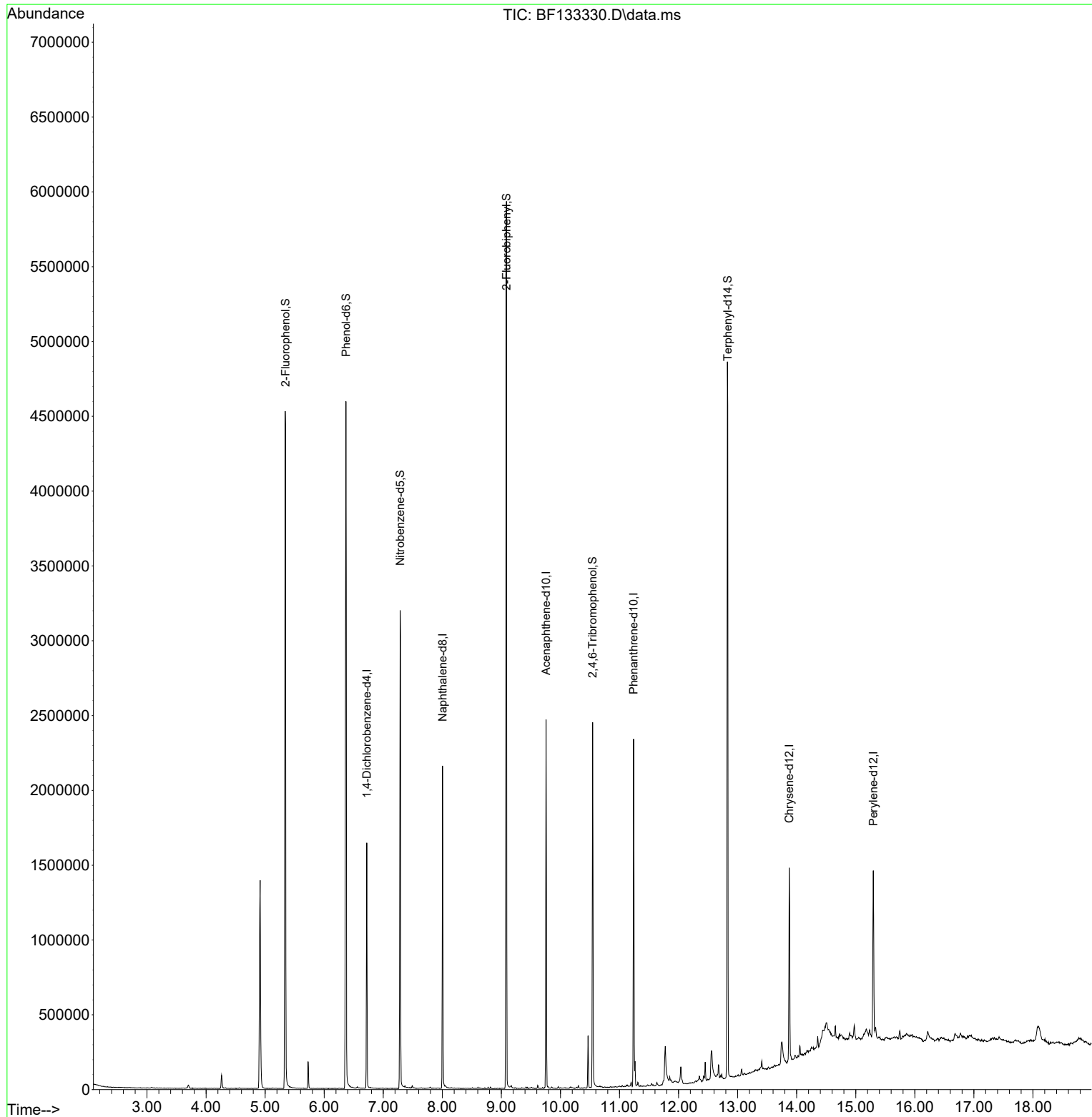
Target Compounds	Qvalue

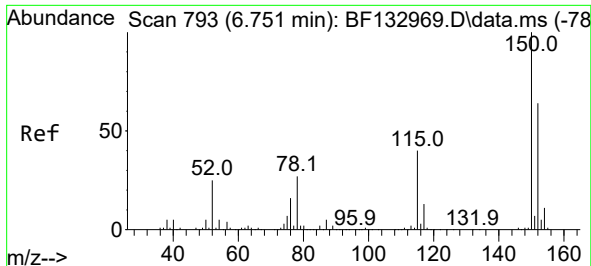
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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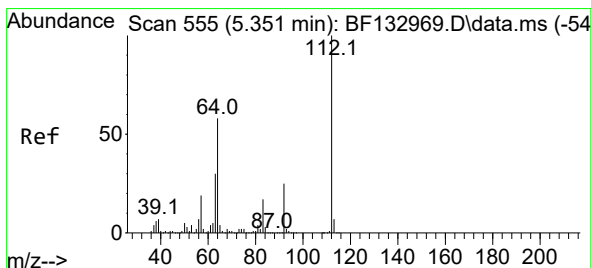
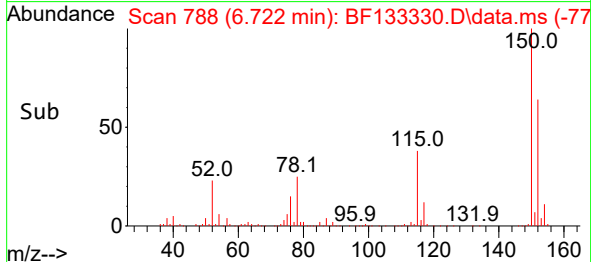
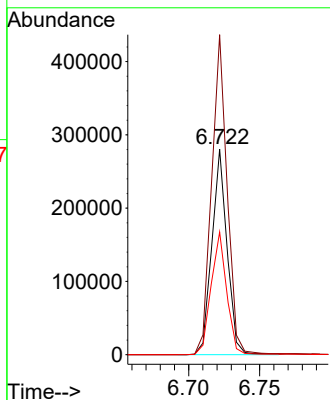
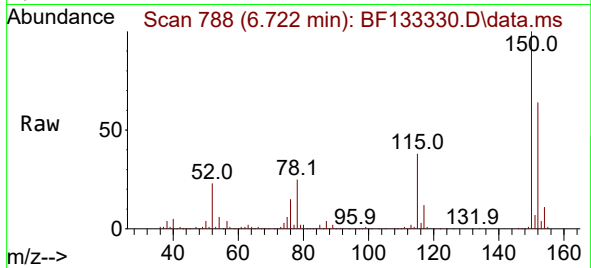




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

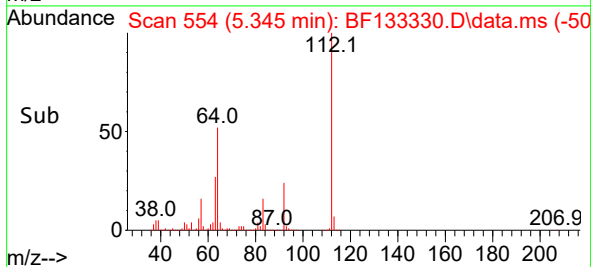
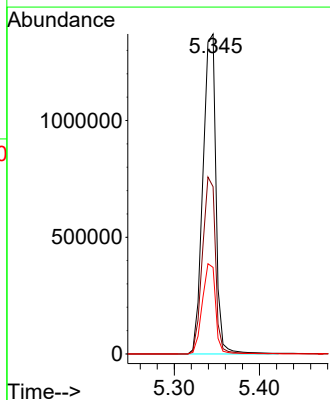
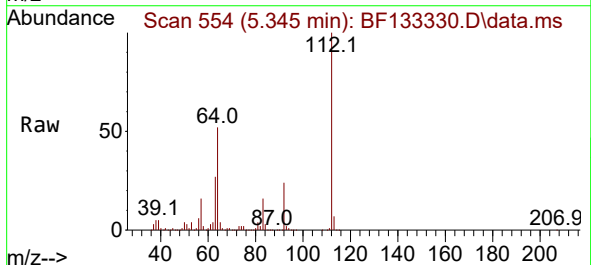
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

Tgt Ion:152 Resp: 208813
Ion Ratio Lower Upper
152 100
150 155.6 124.8 187.2
115 59.7 49.9 74.9



#5
2-Fluorophenol
Concen: 105.283 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:112 Resp: 1455342
Ion Ratio Lower Upper
112 100
64 52.2 46.8 70.2
63 27.0 23.8 35.8

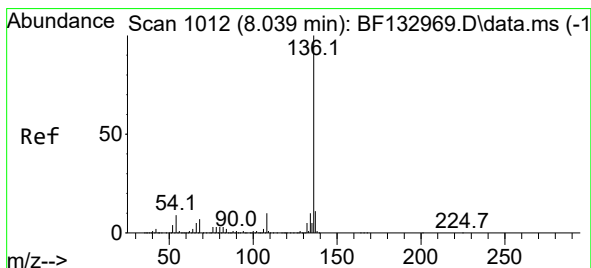
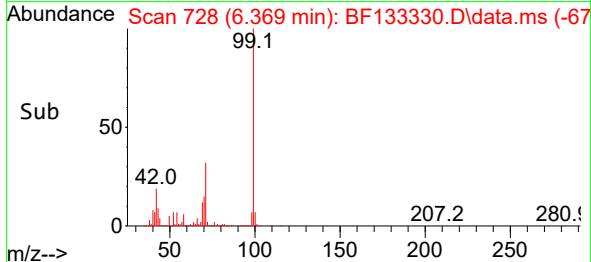
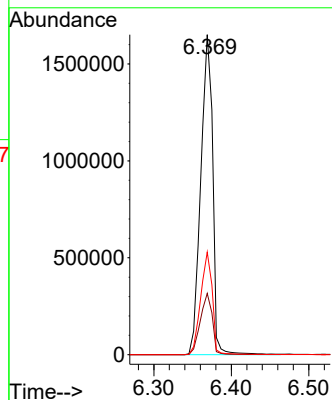
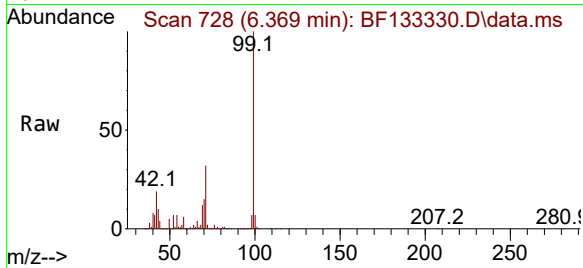




#7
Phenol-d6
Concen: 102.591 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

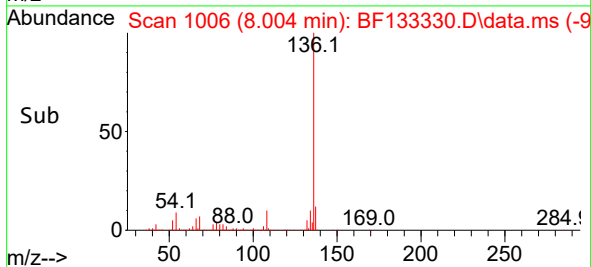
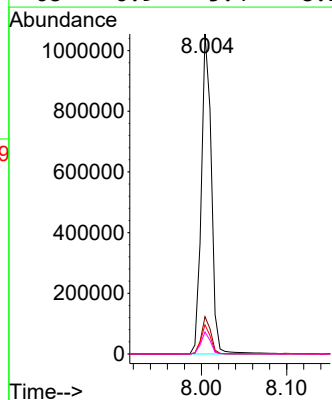
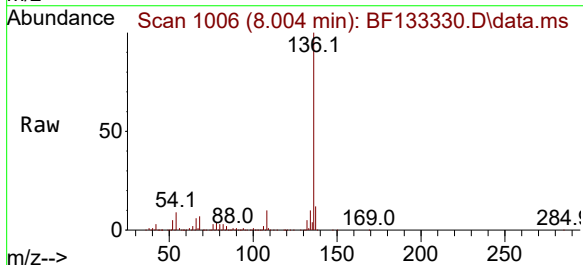
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

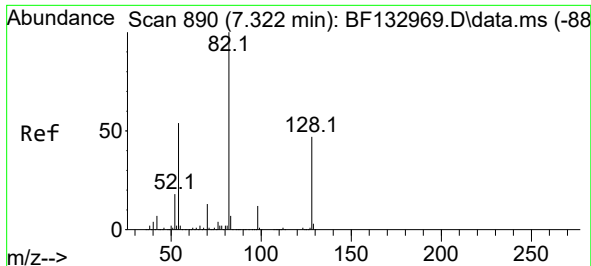
Tgt Ion: 99 Resp: 1760187
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:136 Resp: 865945
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.1 7.0 10.4
68 6.9 5.4 8.2

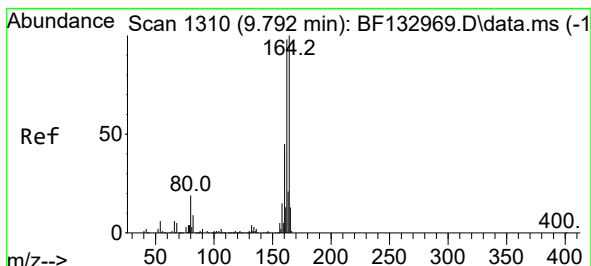
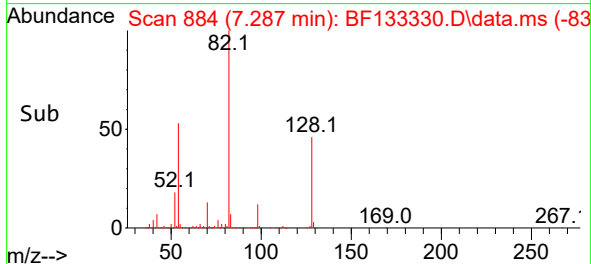
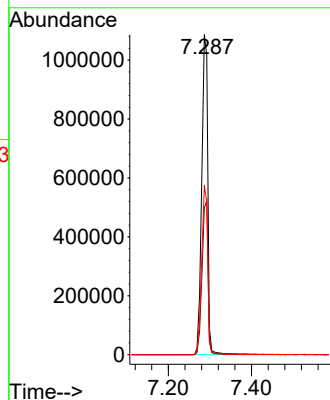
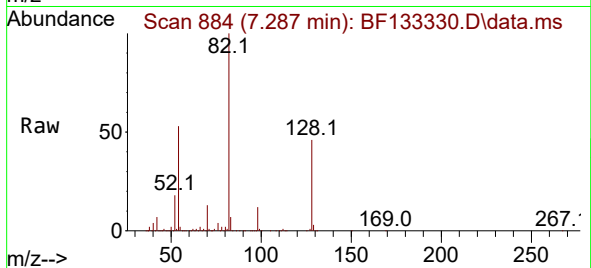




#23
Nitrobenzene-d5
Concen: 68.823 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

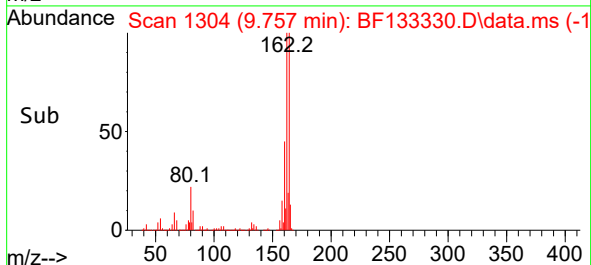
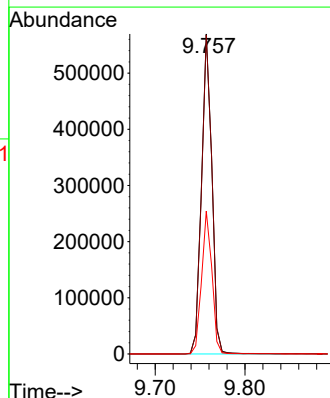
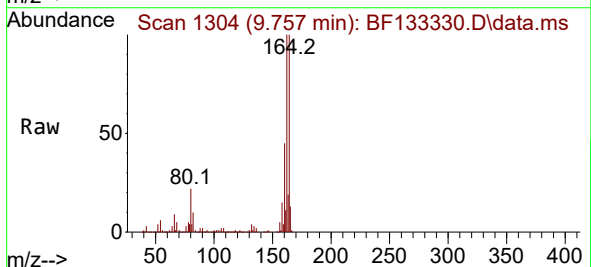
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509

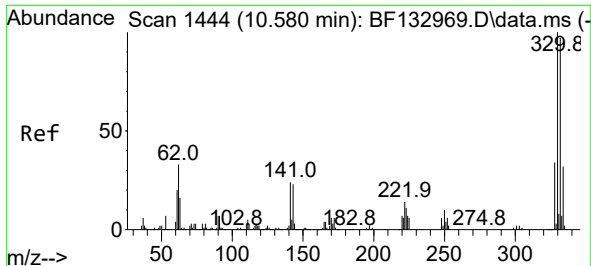
Tgt Ion: 82 Resp: 1104123
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 52.9 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133330.D
Acq: 10 May 2023 14:55

Tgt Ion:164 Resp: 455186
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 58.969 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133330.D

Acq: 10 May 2023 14:55

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509

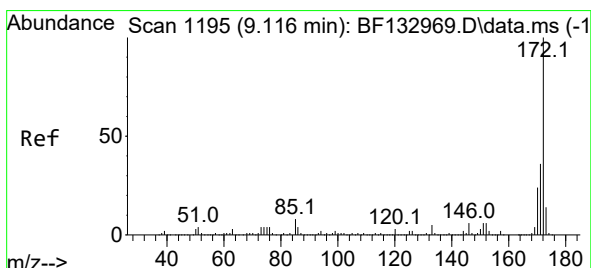
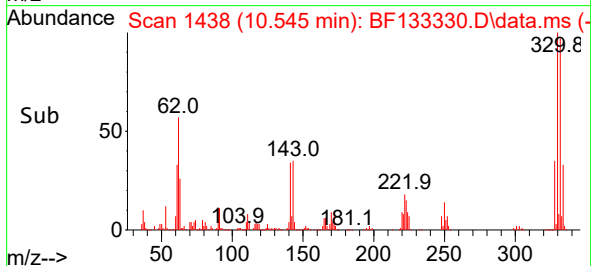
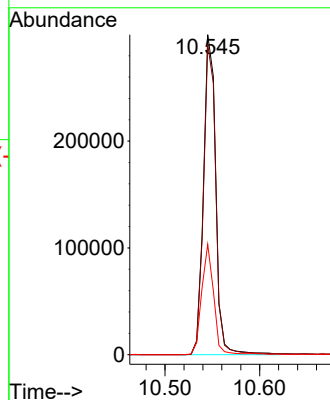
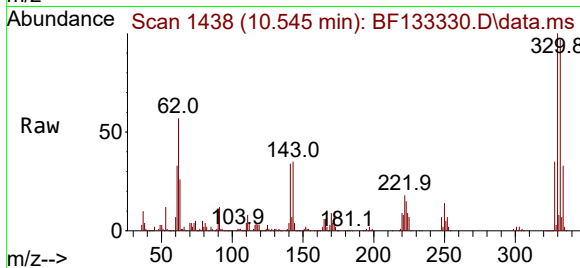
Tgt Ion:330 Resp: 269946

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 67.317 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133330.D

Acq: 10 May 2023 14:55

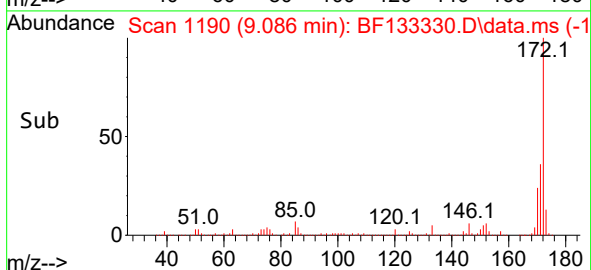
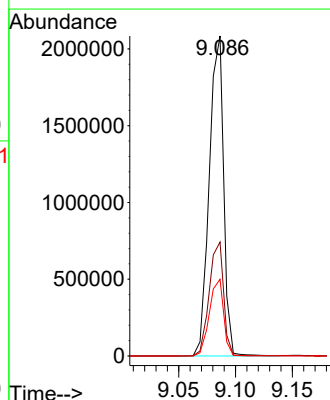
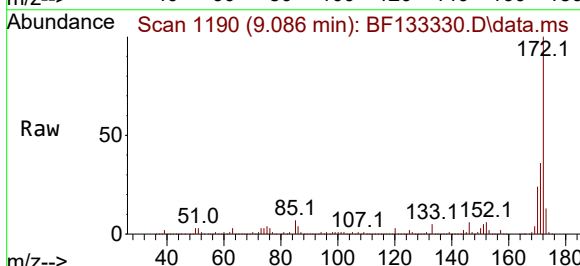
Tgt Ion:172 Resp: 1831538

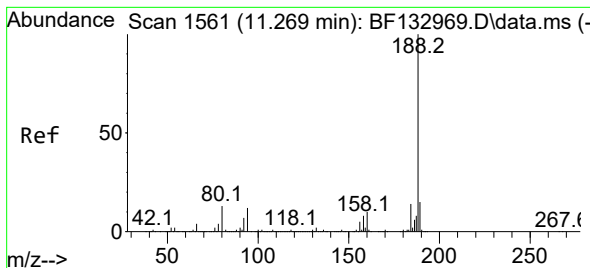
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133330.D

Acq: 10 May 2023 14:55

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509

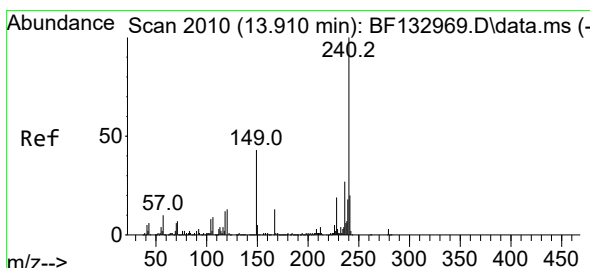
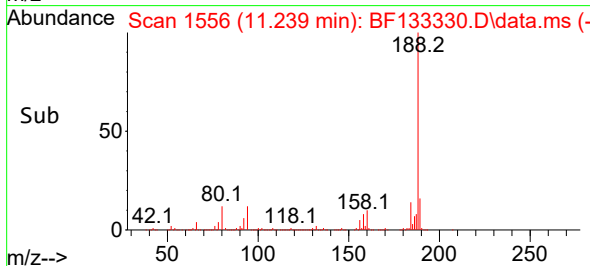
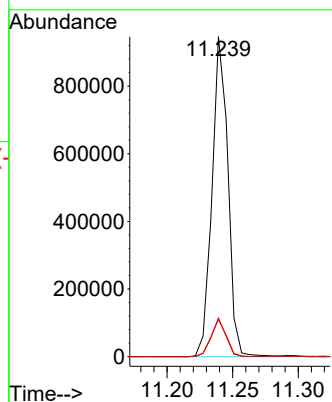
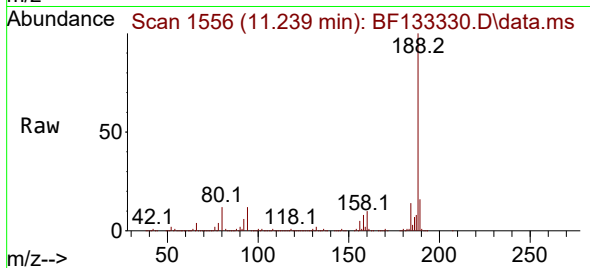
Tgt Ion:188 Resp: 797371

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.1 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: BF133330.D

Acq: 10 May 2023 14:55

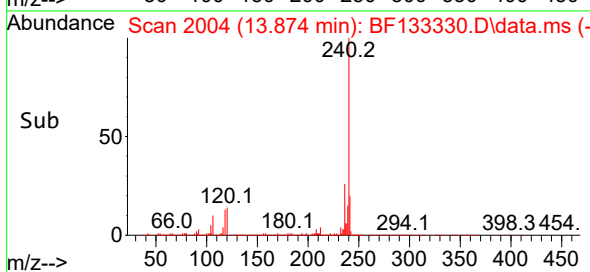
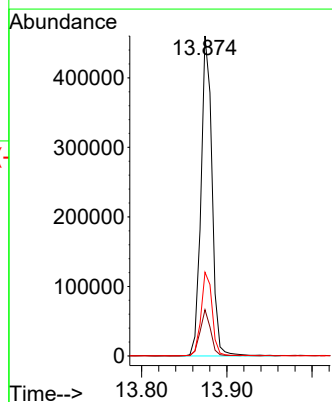
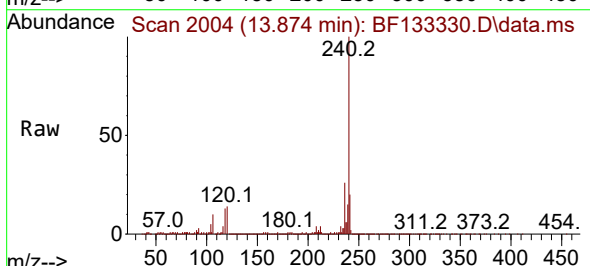
Tgt Ion:240 Resp: 414677

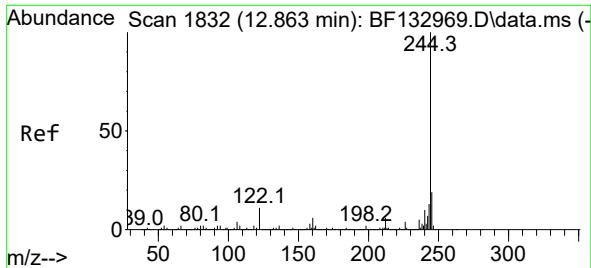
Ion Ratio Lower Upper

240 100

120 14.5 10.5 15.7

236 26.2 21.5 32.3

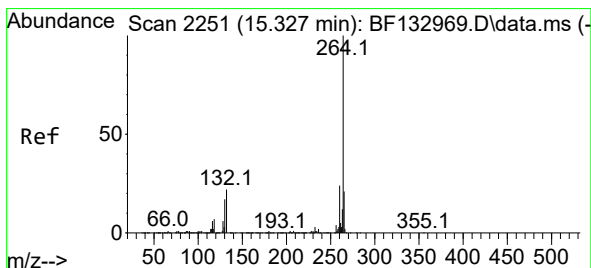
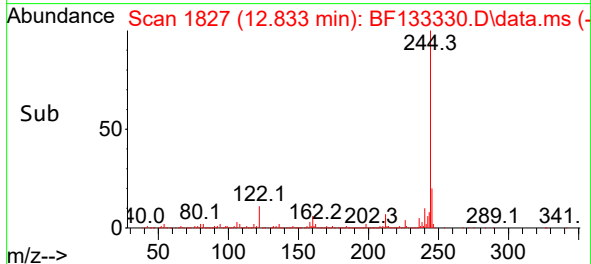
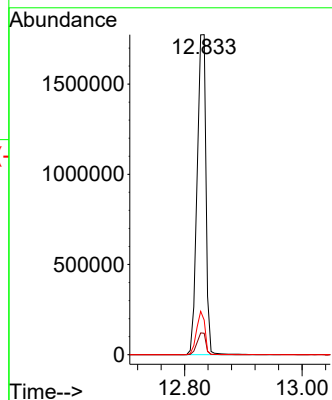
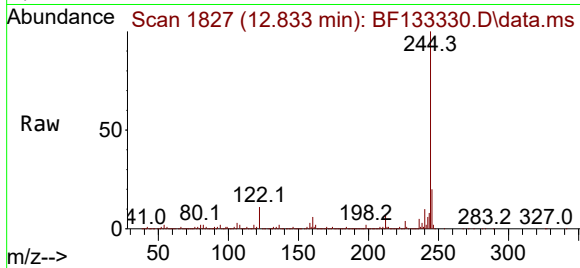




#79
 Terphenyl-d14
 Concen: 76.606 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133330.D
 Acq: 10 May 2023 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509

Tgt Ion:244 Resp: 1841911
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.8 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: BF133330.D
 Acq: 10 May 2023 14:55

Tgt Ion:264 Resp: 470685
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.3 17.0 25.4

