

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133204.D
 Acq On : 03 May 2023 13:29
 Operator : CG\JU
 Sample : PB152548BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152548BL

Quant Time: May 03 14:25:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	231663	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	994899	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	533275	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	964759	20.000	ng	0.00
76) Chrysene-d12	13.880	240	682883	20.000	ng	-0.01
86) Perylene-d12	15.304	264	595832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1823396	118.899	ng	0.02
7) Phenol-d6	6.375	99	2207941	115.995	ng	0.00
23) Nitrobenzene-d5	7.298	82	1353663	73.441	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	571128	106.492	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2280725	71.551	ng	0.00
79) Terphenyl-d14	12.839	244	2674220	67.539	ng	0.00

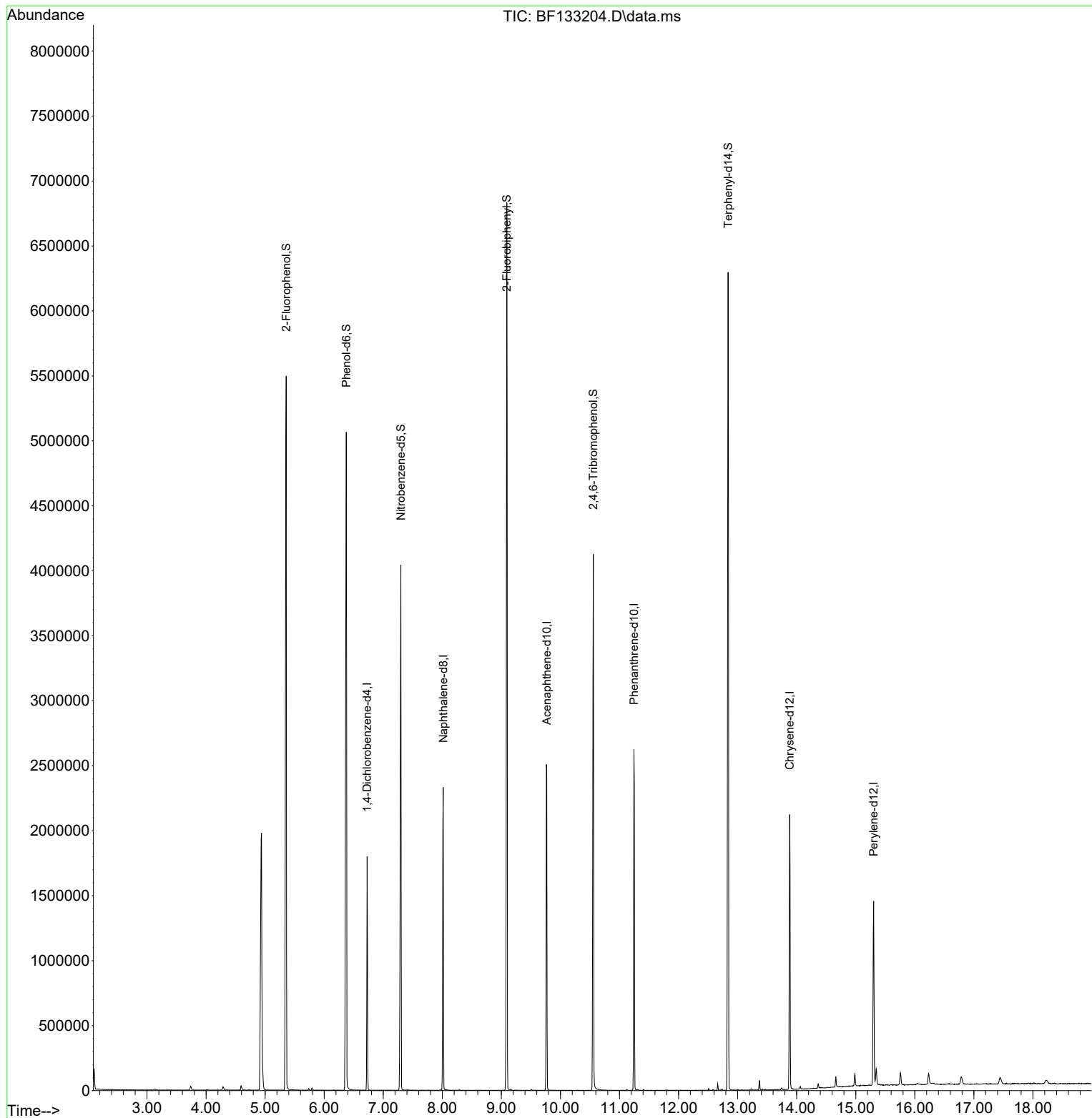
Target Compounds	Qvalue

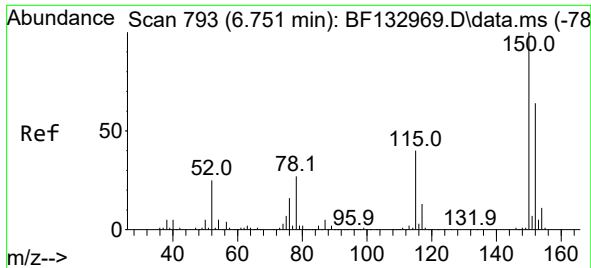
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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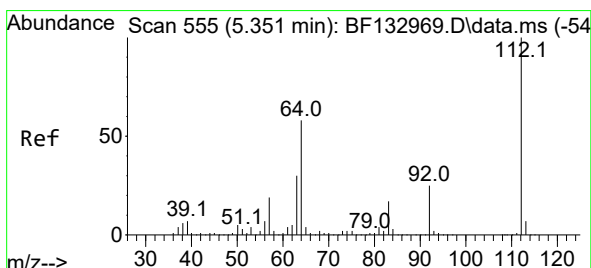
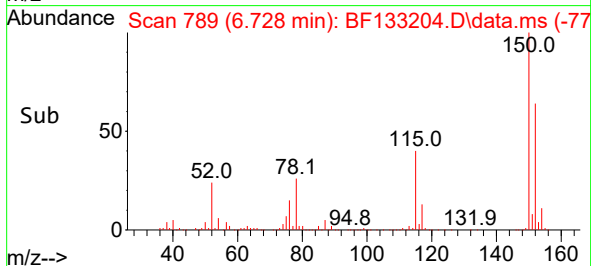
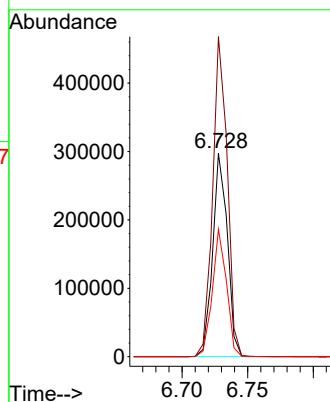
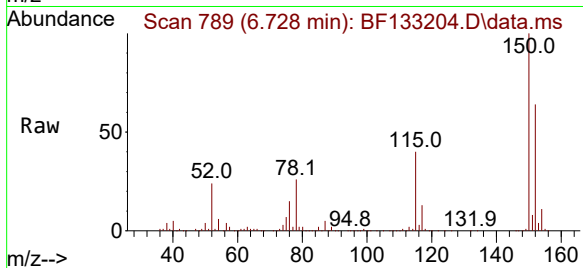




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

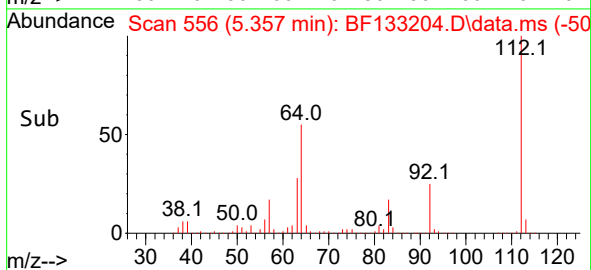
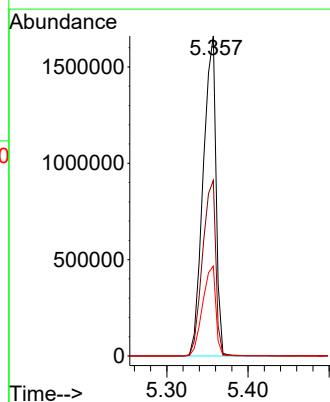
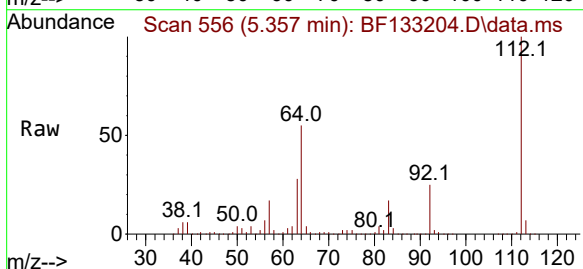
Instrument :
BNA_F
ClientSampleId :
PB152548BL

Tgt Ion:152 Resp: 231663
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 118.899 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.017 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:112 Resp: 1823396
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.1 23.8 35.8

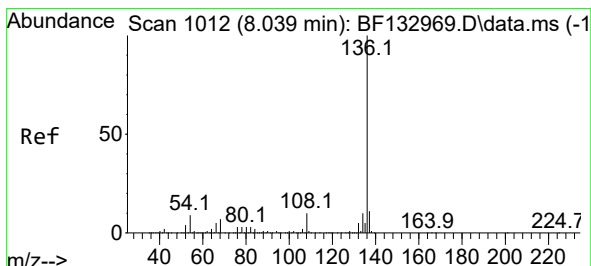
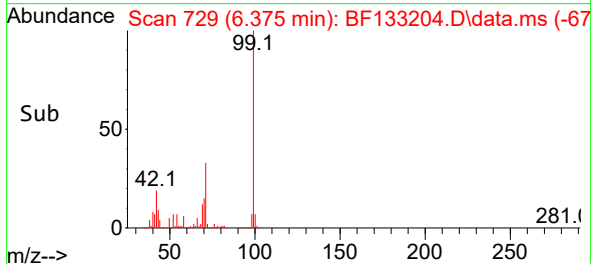
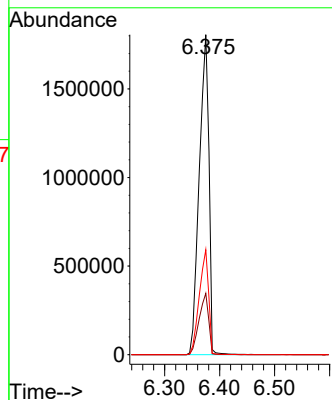
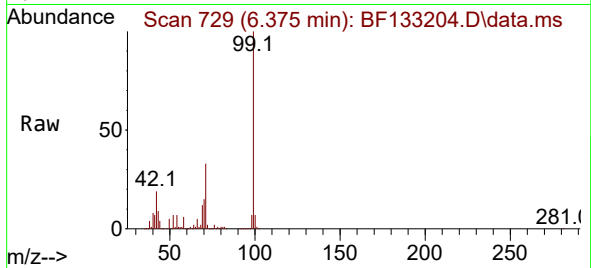




#7
Phenol-d6
Concen: 115.995 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

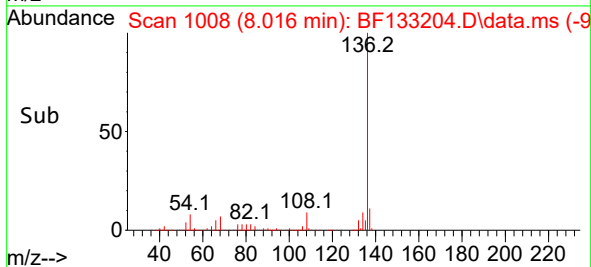
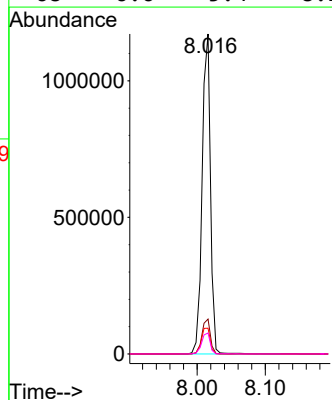
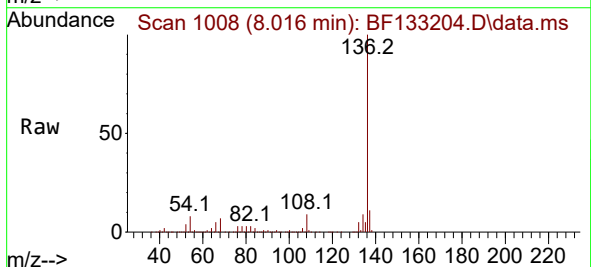
Instrument :
BNA_F
ClientSampleId :
PB152548BL

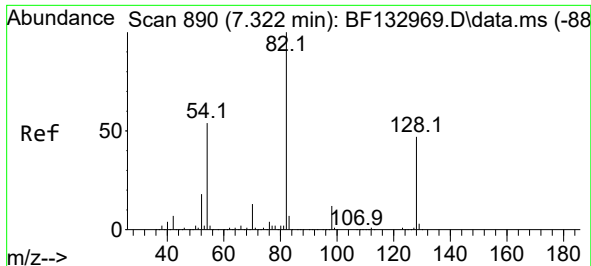
Tgt Ion: 99 Resp: 2207941
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion: 136 Resp: 994899
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.441 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB152548BL

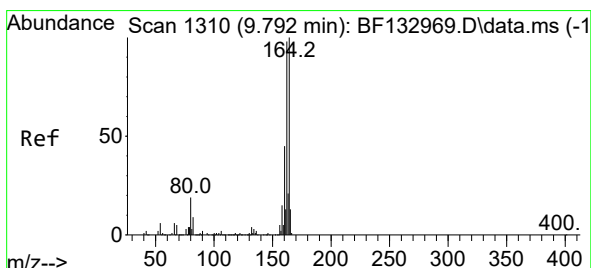
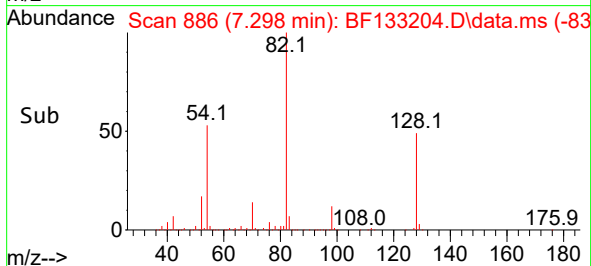
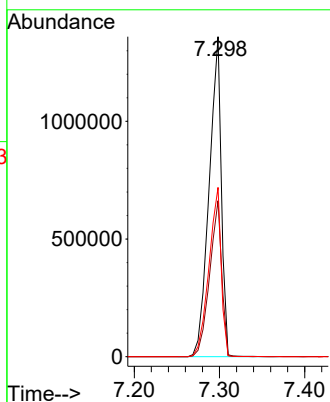
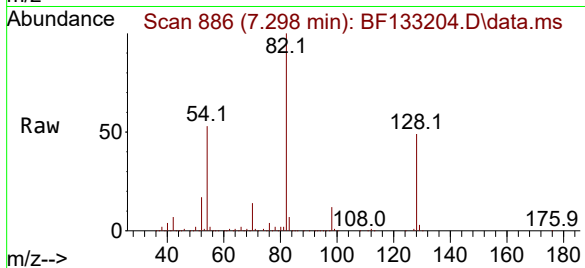
Tgt Ion: 82 Resp: 1353663

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.9 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

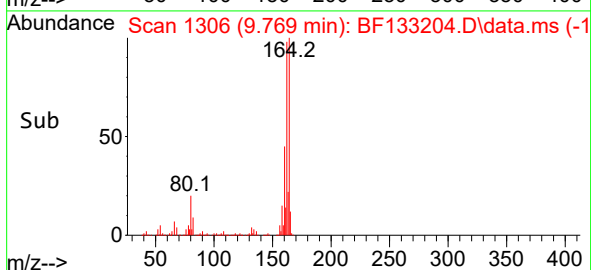
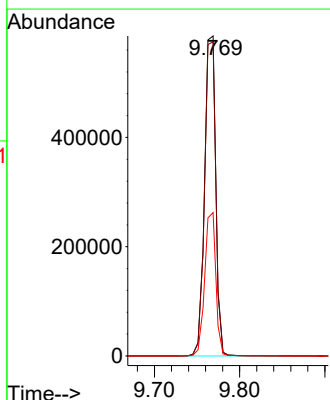
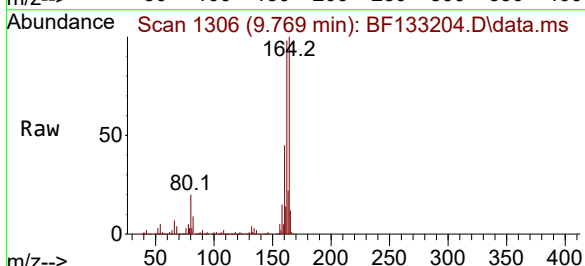
Tgt Ion:164 Resp: 533275

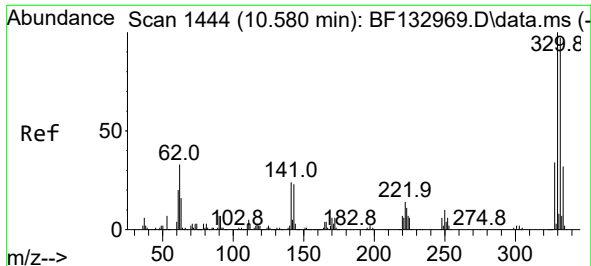
Ion Ratio Lower Upper

164 100

162 98.2 78.7 118.1

160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 106.492 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB152548BL

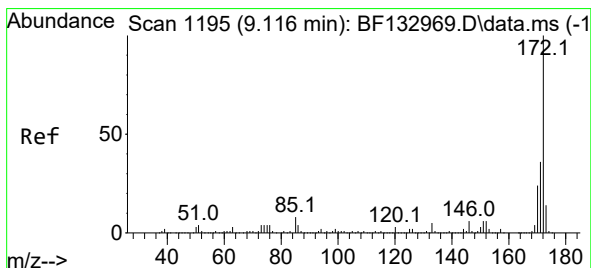
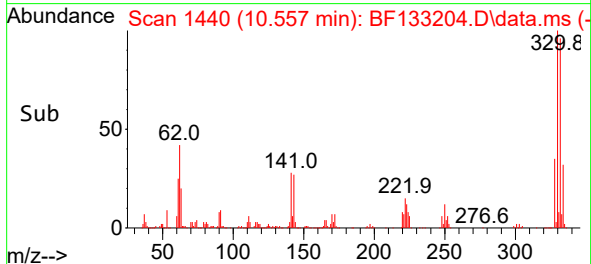
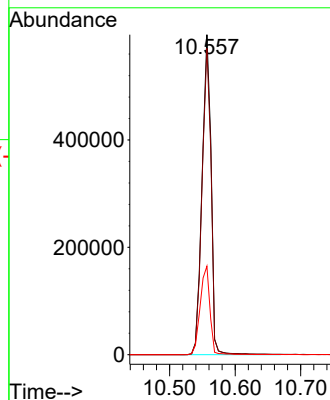
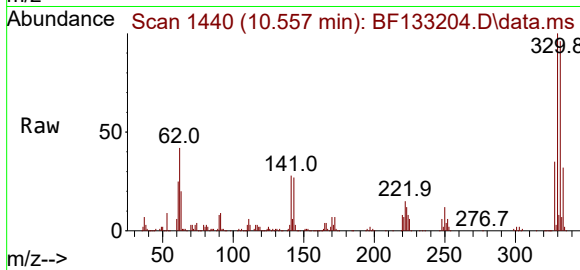
Tgt Ion:330 Resp: 571128

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.551 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

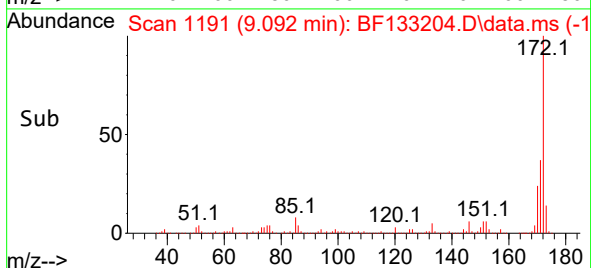
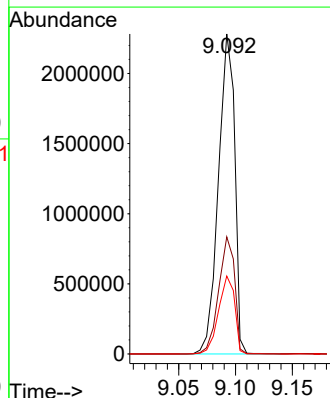
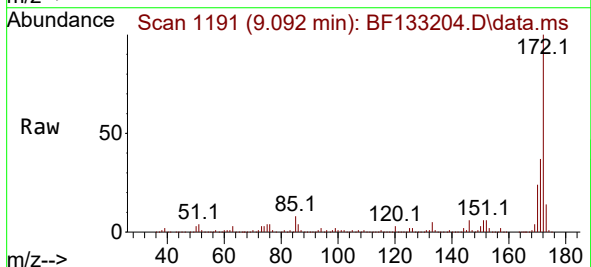
Tgt Ion:172 Resp: 2280725

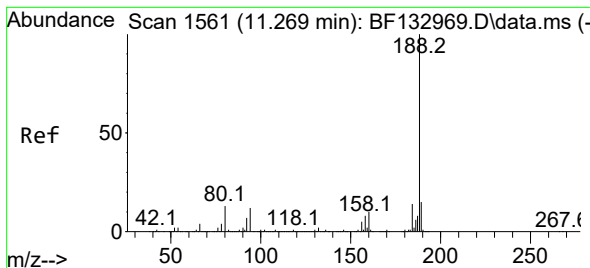
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB152548BL

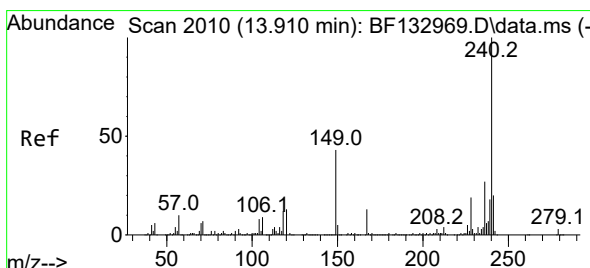
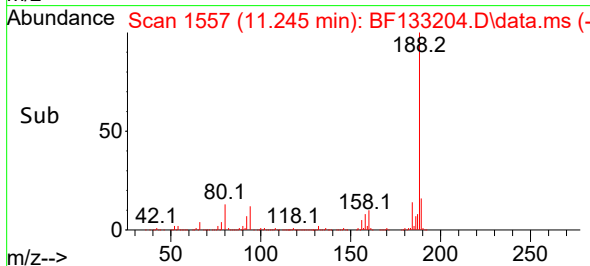
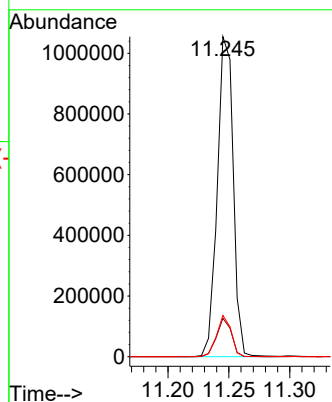
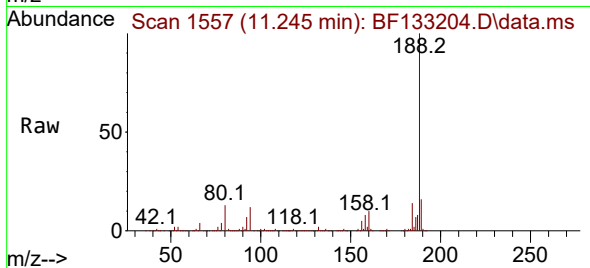
Tgt Ion:188 Resp: 964759

Ion Ratio Lower Upper

188 100

94 12.0 9.7 14.5

80 12.9 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

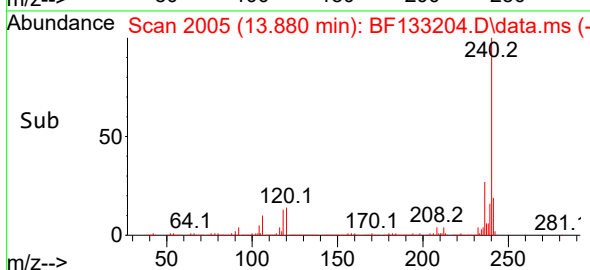
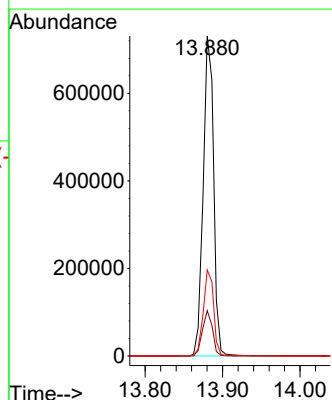
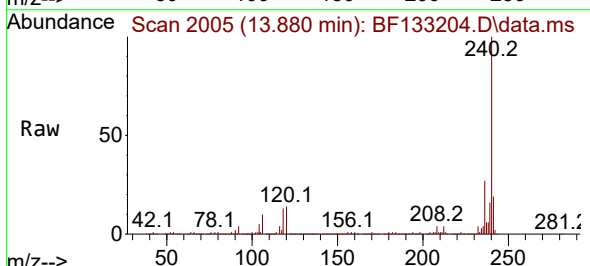
Tgt Ion:240 Resp: 682883

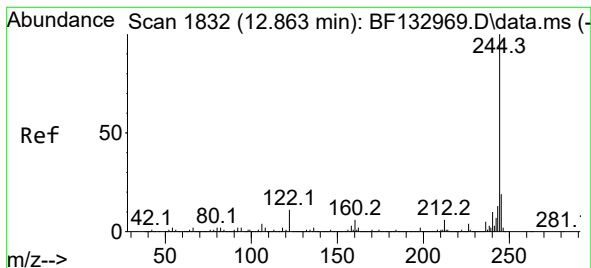
Ion Ratio Lower Upper

240 100

120 14.2 10.5 15.7

236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 67.539 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Instrument :

BNA_F

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PB152548BL

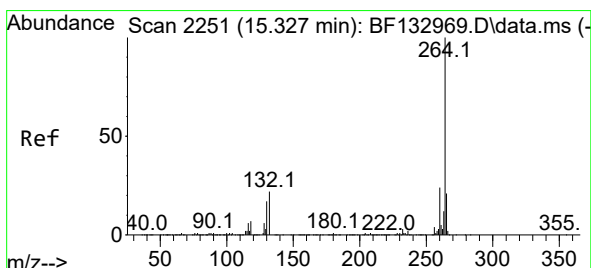
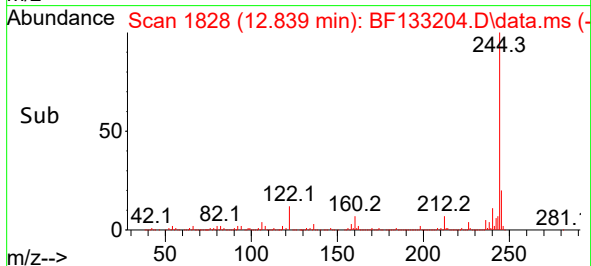
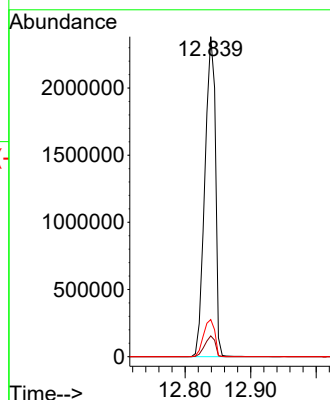
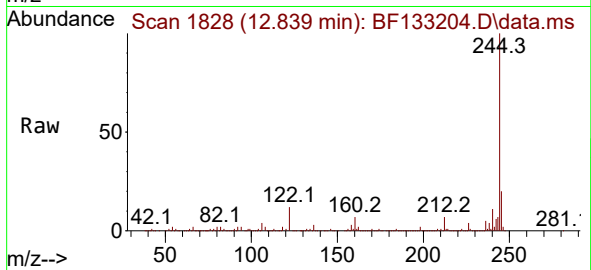
Tgt Ion:244 Resp: 2674220

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.6 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Tgt Ion:264 Resp: 595832

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.5 17.0 25.4

