

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133350.D
 Acq On : 11 May 2023 12:17
 Operator : CG\JU
 Sample : PB152690BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152690BL

Quant Time: May 11 13:10:47 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	256556	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1055277	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	565169	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1017588	20.000	ng	0.00
76) Chrysene-d12	13.874	240	679088	20.000	ng	0.00
86) Perylene-d12	15.292	264	550400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1954530	115.083	ng	0.02
7) Phenol-d6	6.369	99	2422377	114.912	ng	0.00
23) Nitrobenzene-d5	7.292	82	1477949	75.596	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	576697	101.462	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2414725	71.480	ng	0.00
79) Terphenyl-d14	12.833	244	2710617	68.841	ng	0.00

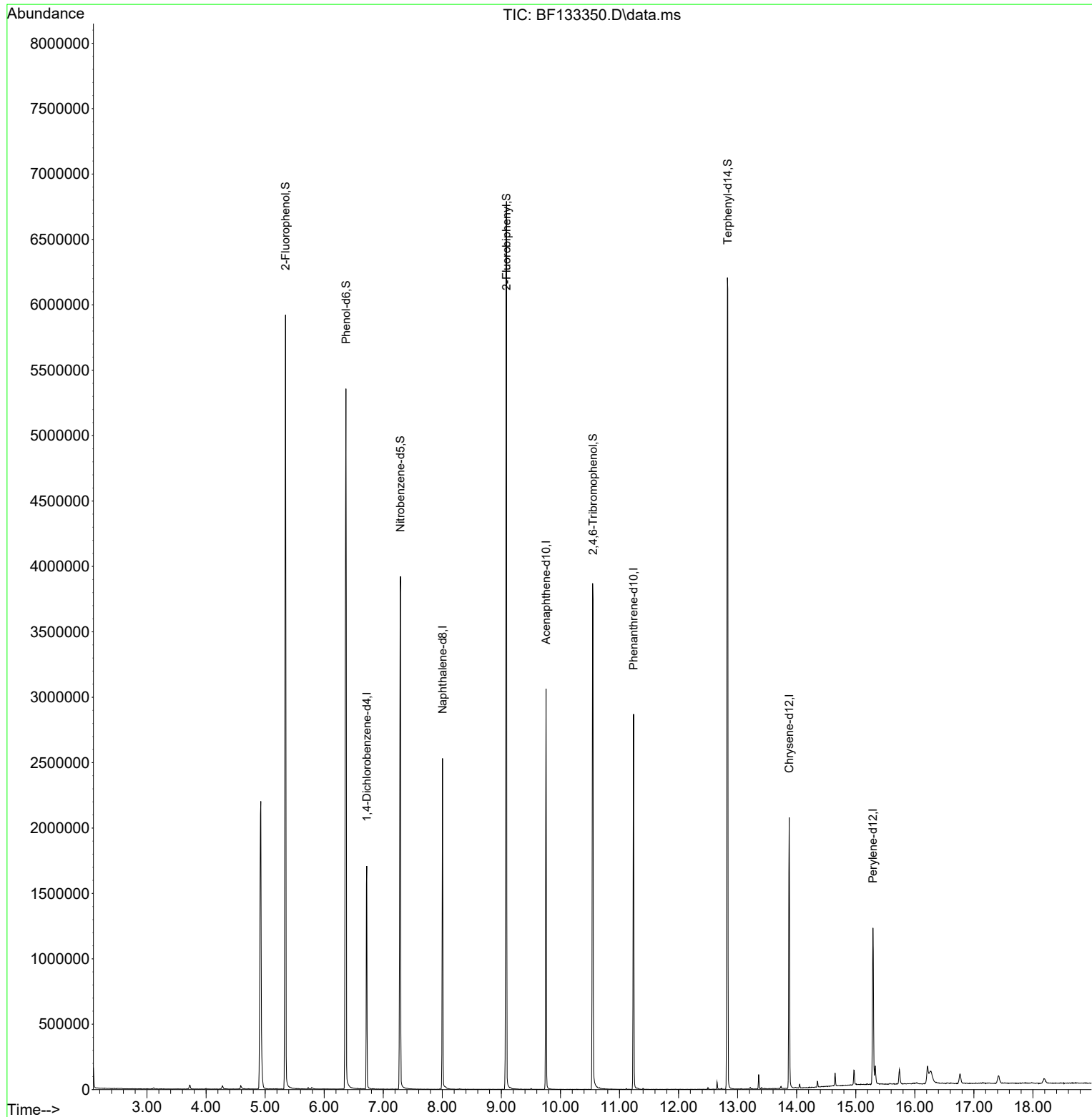
Target Compounds	Qvalue

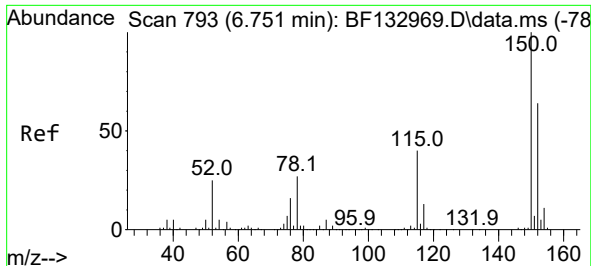
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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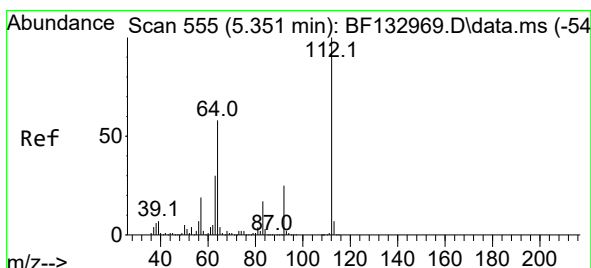
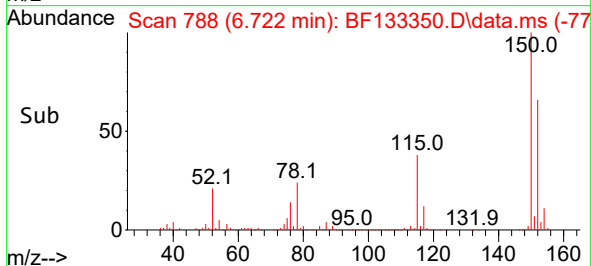
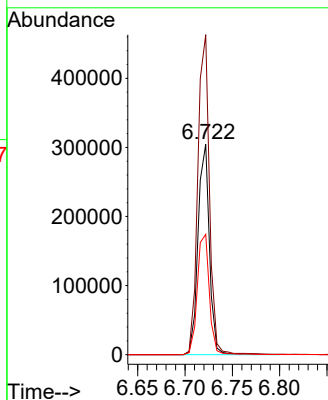
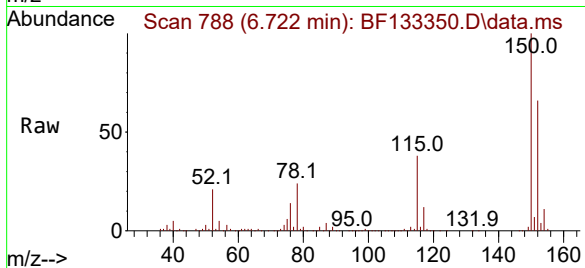




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

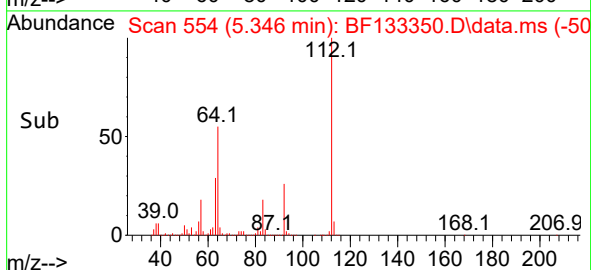
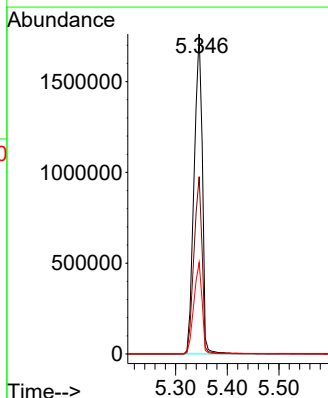
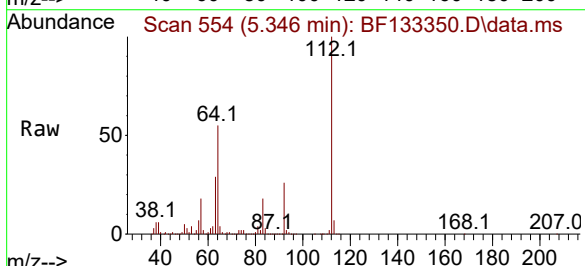
Instrument :
BNA_F
ClientSampleId :
PB152690BL

Tgt Ion:152 Resp: 256556
Ion Ratio Lower Upper
152 100
150 152.1 124.8 187.2
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 115.083 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:112 Resp: 1954530
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.6 23.8 35.8

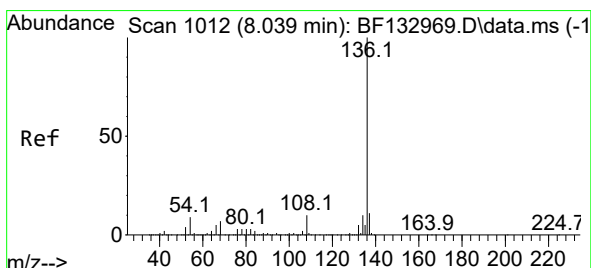
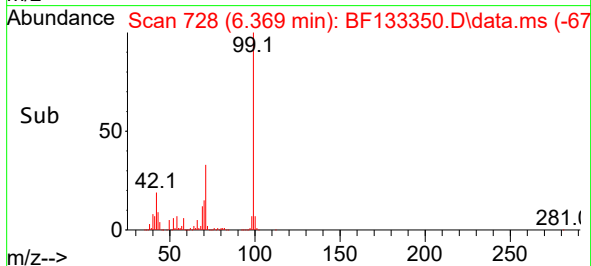
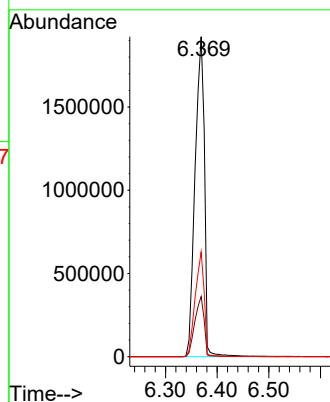
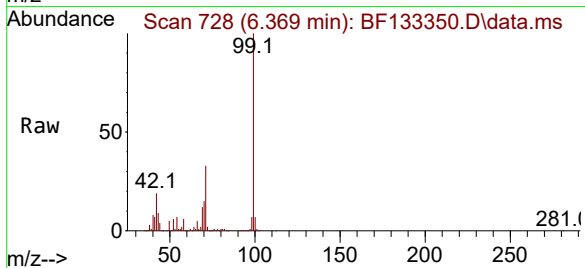




#7
Phenol-d6
Concen: 114.912 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

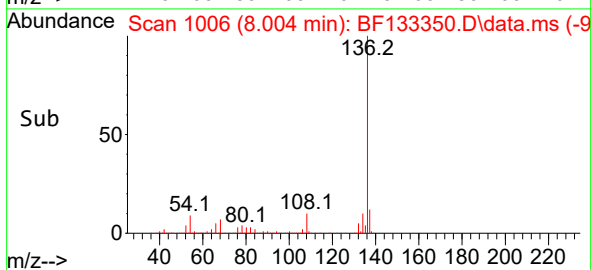
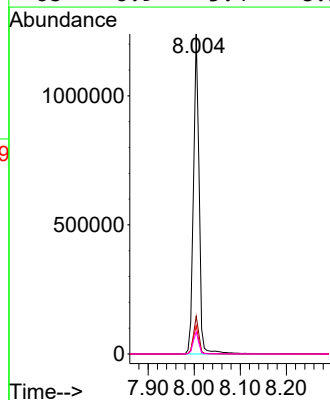
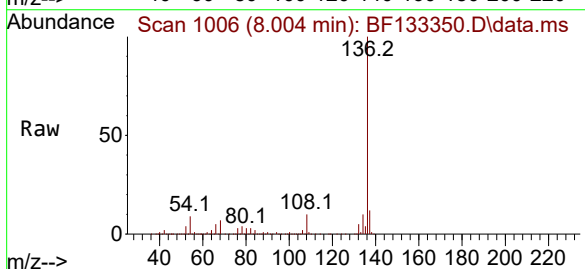
Instrument :
BNA_F
ClientSampleId :
PB152690BL

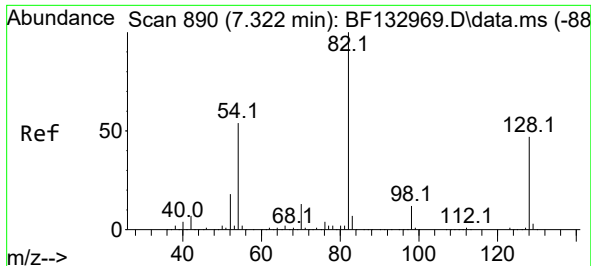
Tgt Ion: 99 Resp: 2422377
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion: 136 Resp: 1055277
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 8.8 7.0 10.4
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 75.596 ng

RT: 7.292 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133350.D

Acq: 11 May 2023 12:17

Instrument :

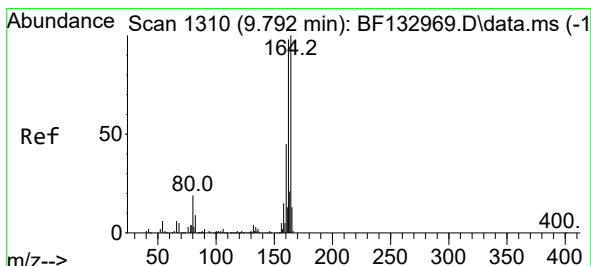
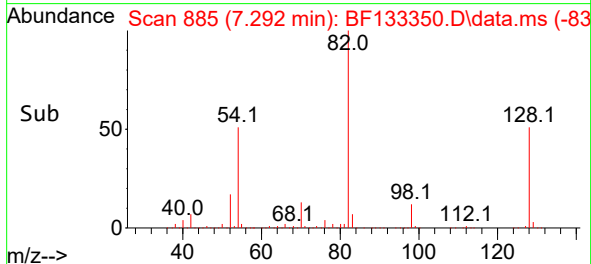
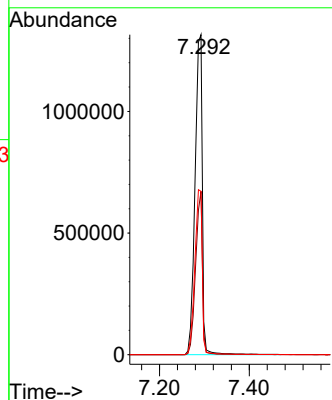
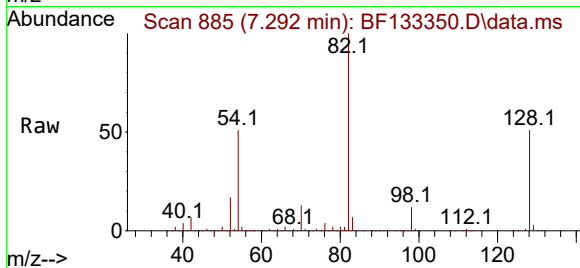
BNA_F

ClientSampleId :

PB152690BL

Tgt Ion: 82 Resp: 1477949

Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.7	56.5
54	51.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

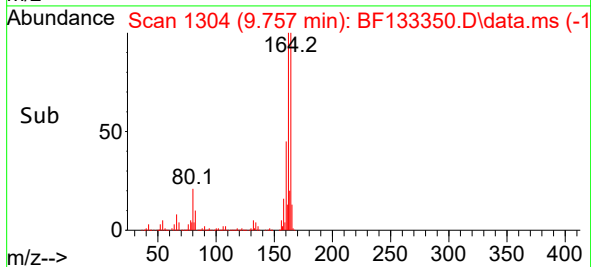
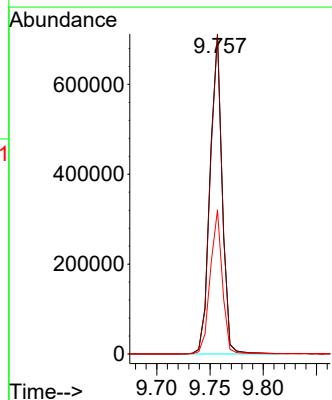
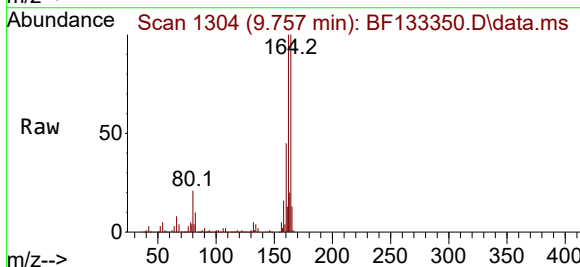
Delta R.T. -0.006 min

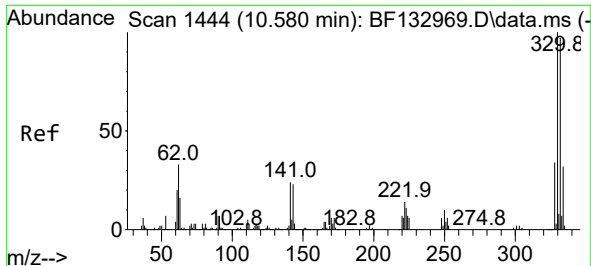
Lab File: BF133350.D

Acq: 11 May 2023 12:17

Tgt Ion:164 Resp: 565169

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	45.1	35.8	53.6

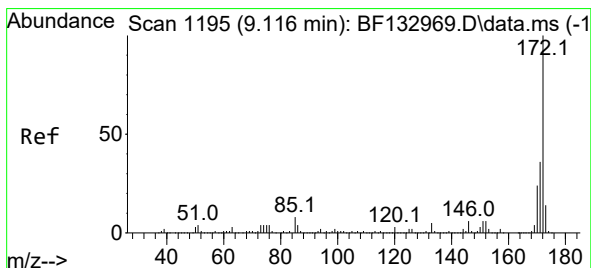
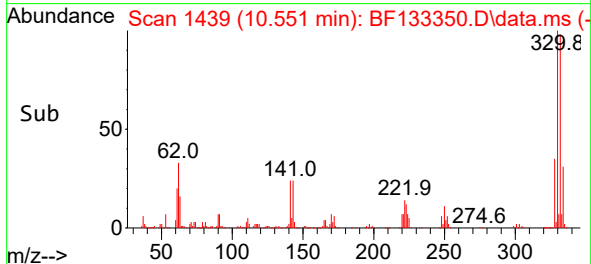
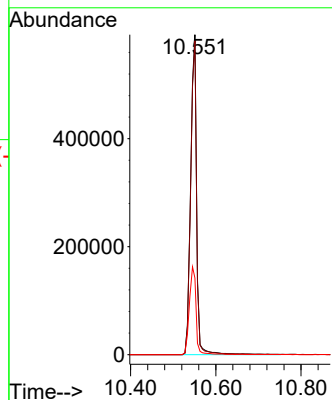
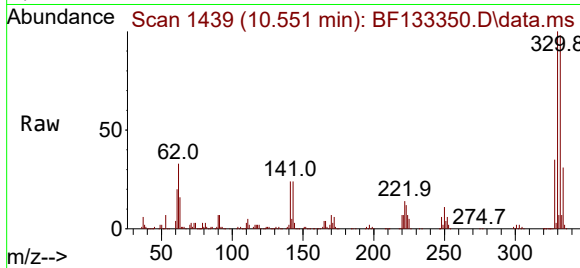




#42
2,4,6-Tribromophenol
Concen: 101.462 ng
RT: 10.551 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

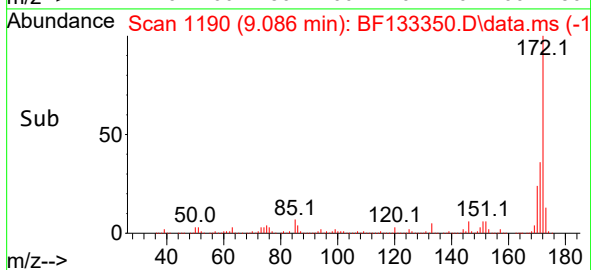
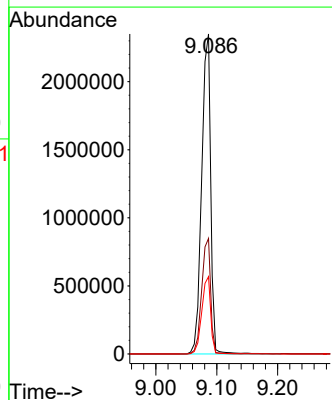
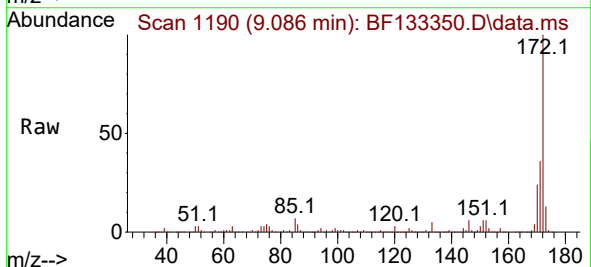
Instrument :
BNA_F
ClientSampleId :
PB152690BL

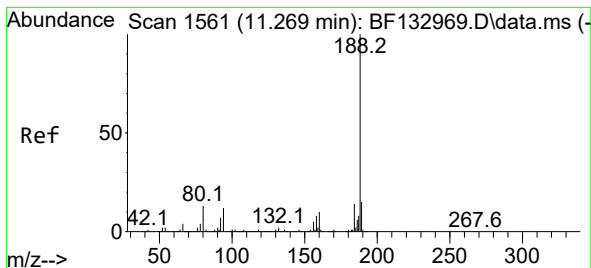
Tgt Ion:330 Resp: 576697
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 71.480 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:172 Resp: 2414725
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.2 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: BF133350.D

Acq: 11 May 2023 12:17

Instrument :

BNA_F

ClientSampleId :

PB152690BL

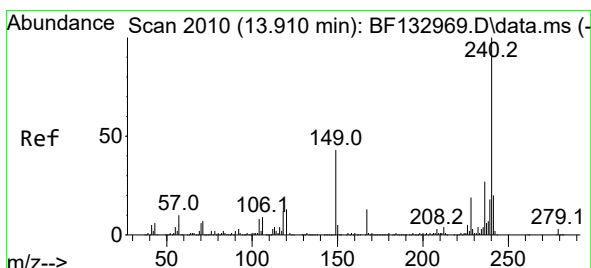
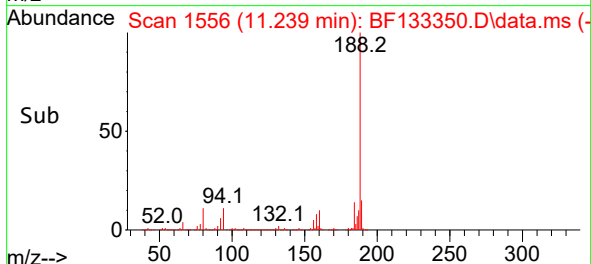
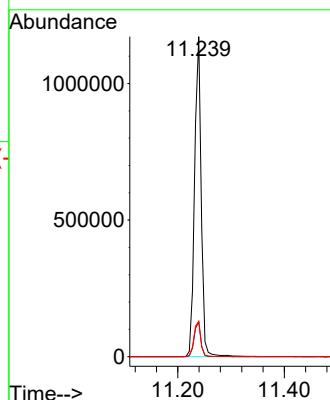
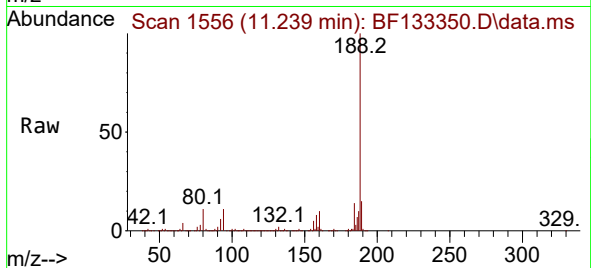
Tgt Ion:188 Resp: 1017588

Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.1 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: BF133350.D

Acq: 11 May 2023 12:17

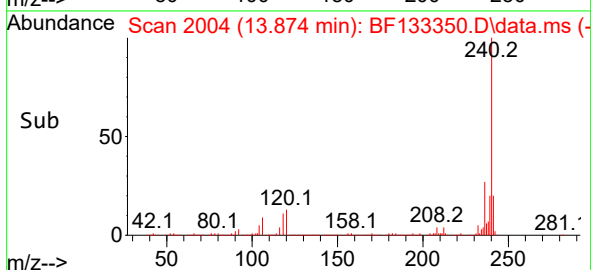
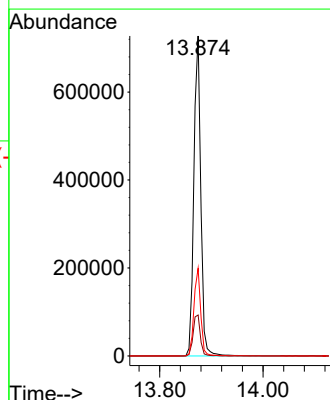
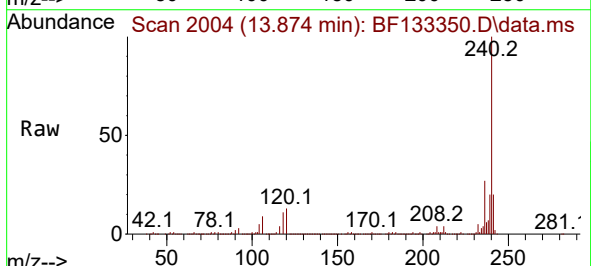
Tgt Ion:240 Resp: 679088

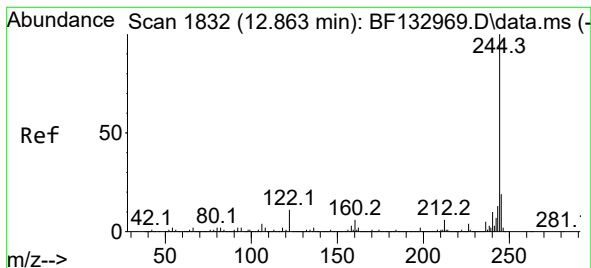
Ion Ratio Lower Upper

240 100

120 12.8 10.5 15.7

236 27.4 21.5 32.3





#79

Terphenyl-d14

Concen: 68.841 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133350.D

Acq: 11 May 2023 12:17

Instrument :

BNA_F

ClientSampleId :

PB152690BL

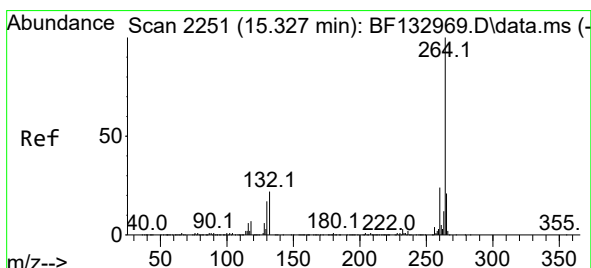
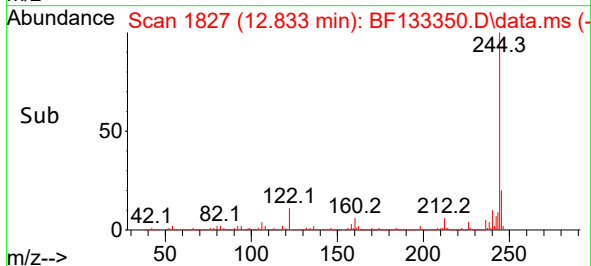
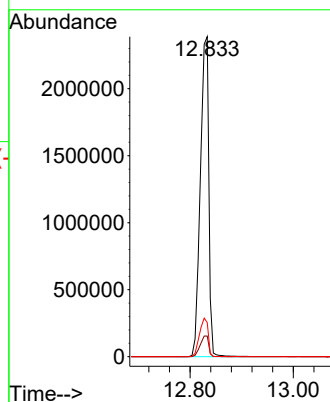
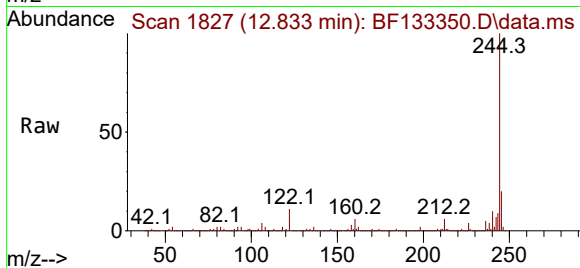
Tgt Ion:244 Resp: 2710617

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.7 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133350.D

Acq: 11 May 2023 12:17

Tgt Ion:264 Resp: 550400

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.9 17.0 25.4

