

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135050.D
 Acq On : 31 Aug 2023 19:54
 Operator : CG\JU
 Sample : 04189-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)

Quant Time: Sep 01 01:51:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

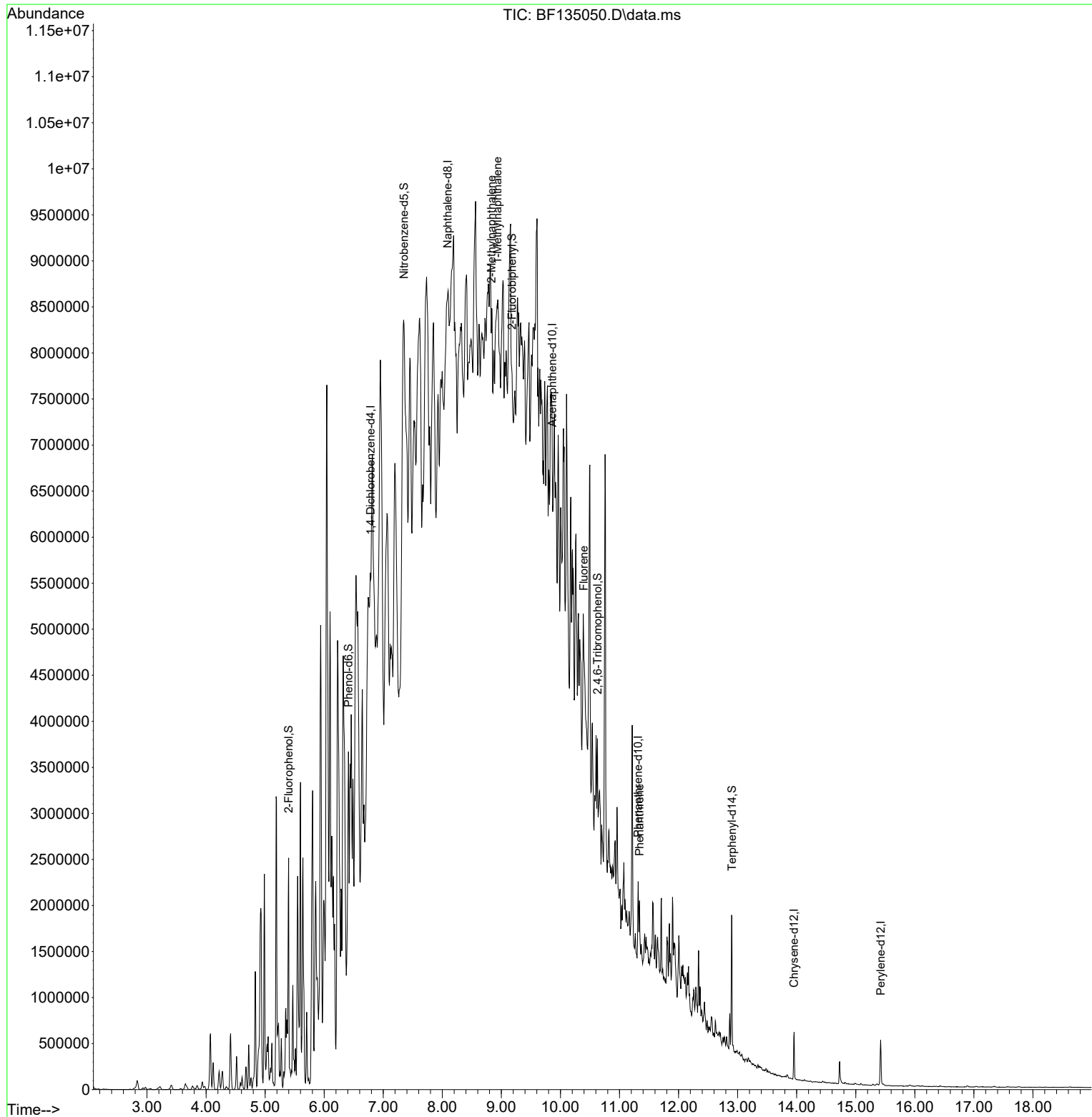
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	68693	20.000	ng	0.01
21) Naphthalene-d8	8.092	136	149857	20.000	ng	# 0.04
39) Acenaphthene-d10	9.863	164	101241	20.000	ng	0.05
64) Phenanthrene-d10	11.316	188	287489	20.000	ng	0.00
76) Chrysene-d12	13.957	240	175177	20.000	ng	0.00
86) Perylene-d12	15.421	264	217885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	585519	131.659	ng	0.00
7) Phenol-d6	6.410	99	679899	122.654	ng	0.00
23) Nitrobenzene-d5	7.351	82	375956	140.944	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	125196	116.575	ng	0.02
45) 2-Fluorobiphenyl	9.180	172	370033	59.507	ng	0.04
79) Terphenyl-d14	12.904	244	548724	51.118	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.833	142	1809030	370.367	ng	99
38) 1-Methylnaphthalene	8.933	142	1379392	301.821	ng	98
58) Fluorene	10.392	166	175559	28.489	ng	# 89
71) Phenanthrene	11.339	178	209439	14.121	ng	# 95

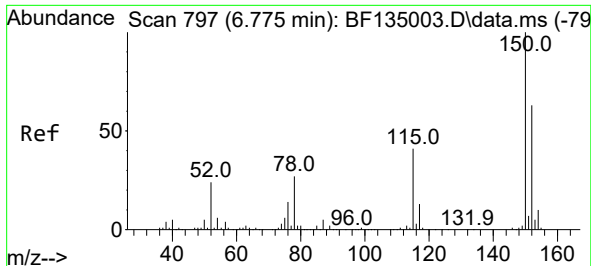
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135050.D
Acq On : 31 Aug 2023 19:54
Operator : CG\JU
Sample : 04189-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

Quant Time: Sep 01 01:51:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

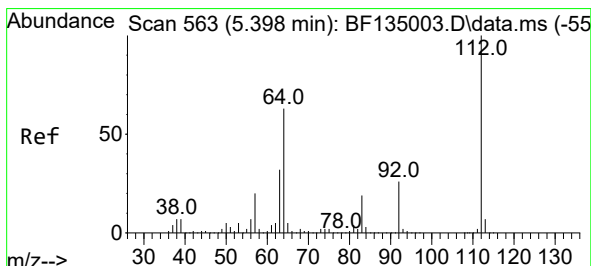
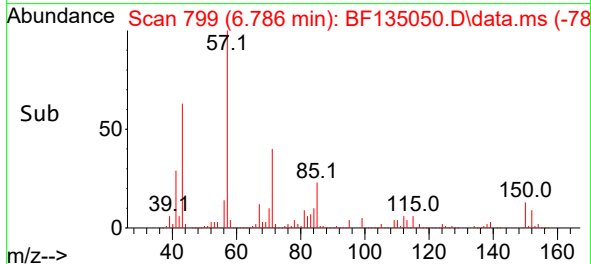
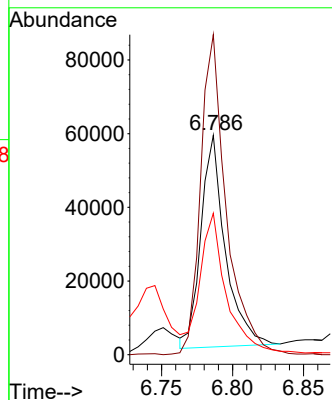
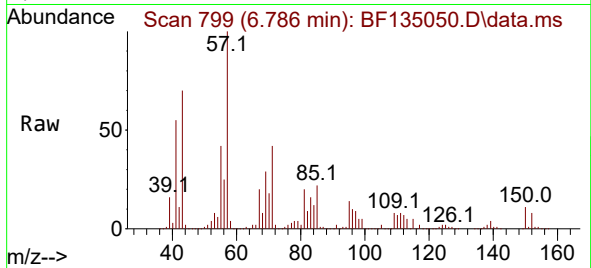




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 797
Delta R.T. 0.011 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

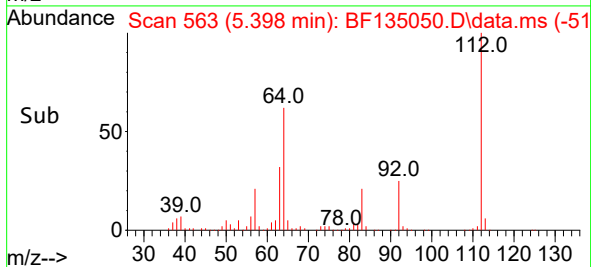
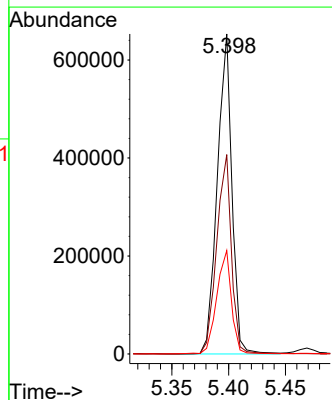
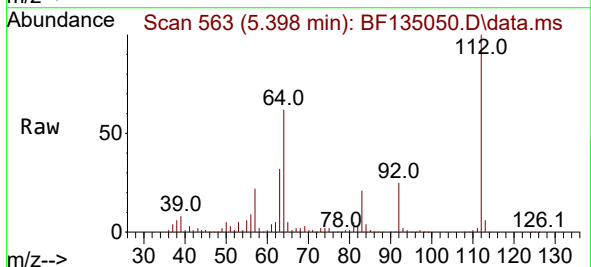
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

Tgt Ion:152 Resp: 68693
Ion Ratio Lower Upper
152 100
150 145.8 126.2 189.4
115 64.5 51.2 76.8



#5
2-Fluorophenol
Concen: 131.659 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

Tgt Ion:112 Resp: 585519
Ion Ratio Lower Upper
112 100
64 62.3 50.5 75.7
63 32.3 25.9 38.9

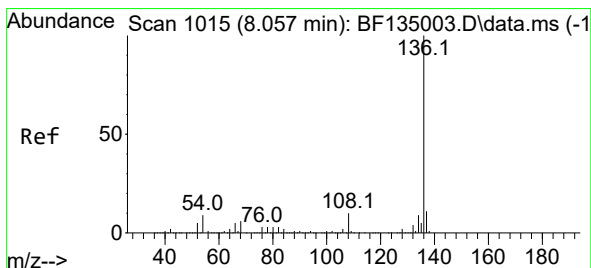
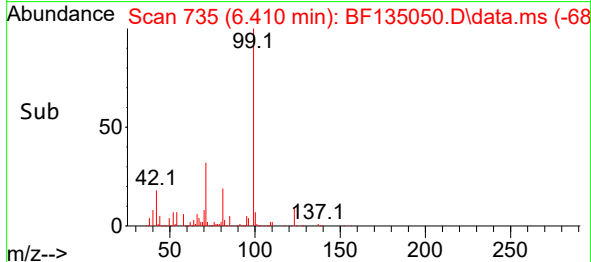
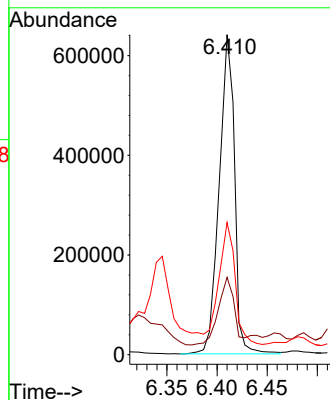
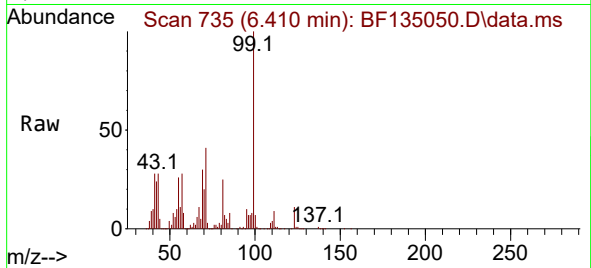




#7
Phenol-d6
Concen: 122.654 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

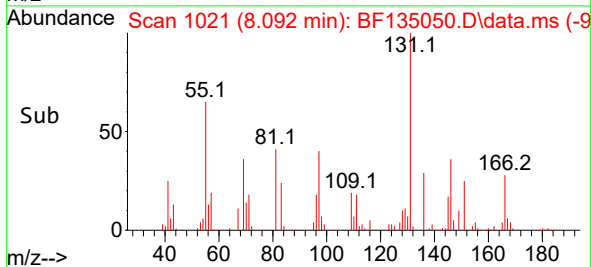
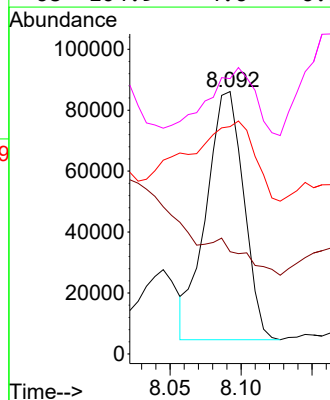
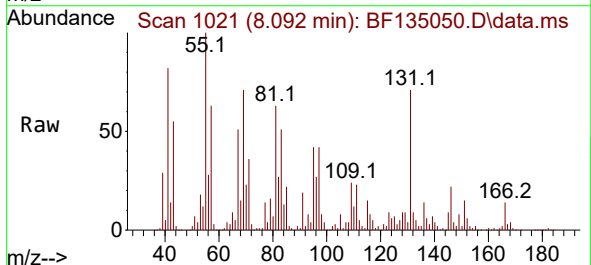
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

Tgt Ion: 99 Resp: 679899
Ion Ratio Lower Upper
99 100
42 24.2 16.6 25.0
71 41.3 27.0 40.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.035 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

Tgt Ion:136 Resp: 149857
Ion Ratio Lower Upper
136 100
137 39.0 8.8 13.2#
54 86.7 7.0 10.4#
68 104.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 140.944 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)

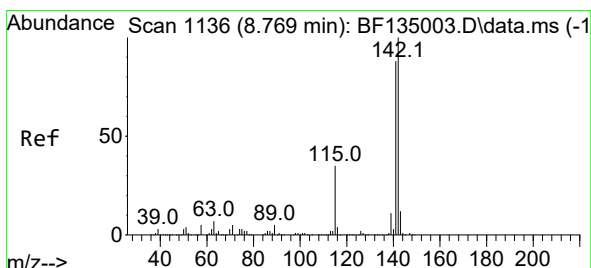
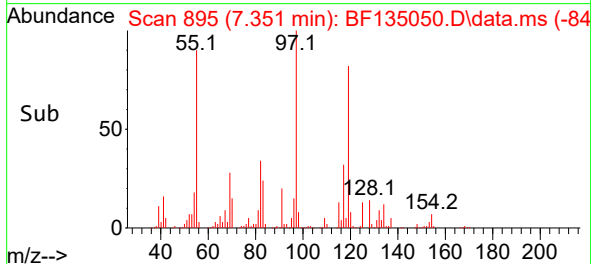
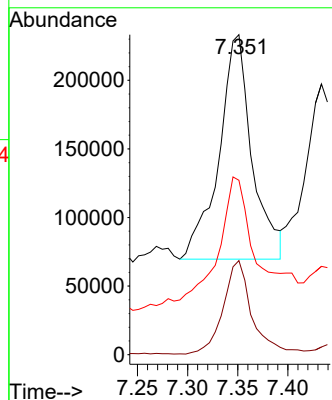
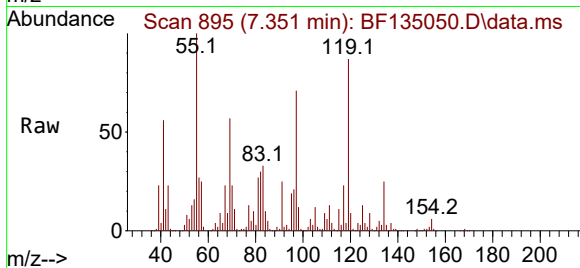
Tgt Ion: 82 Resp: 375956

Ion Ratio Lower Upper

82 100

128 29.4 37.8 56.8#

54 54.5 45.0 67.6



#37

2-Methylnaphthalene

Concen: 370.367 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.065 min

Lab File: BF135050.D

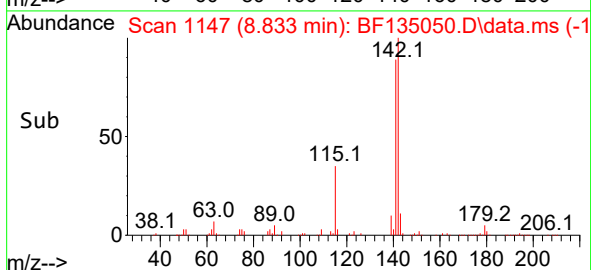
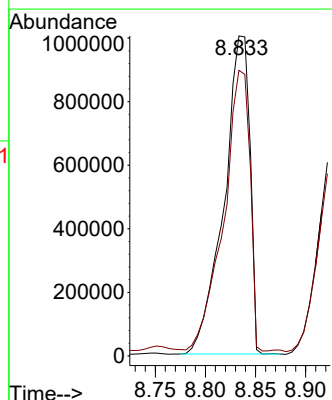
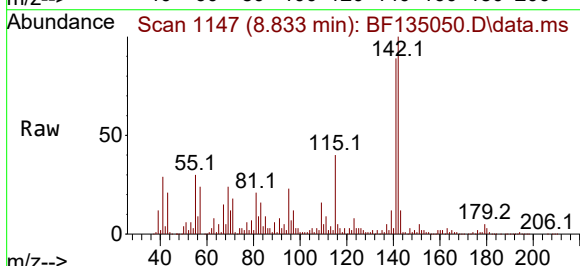
Acq: 31 Aug 2023 19:54

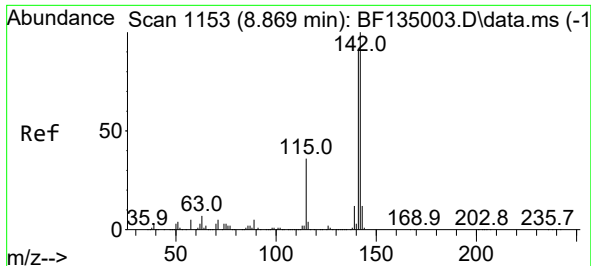
Tgt Ion:142 Resp: 1809030

Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1

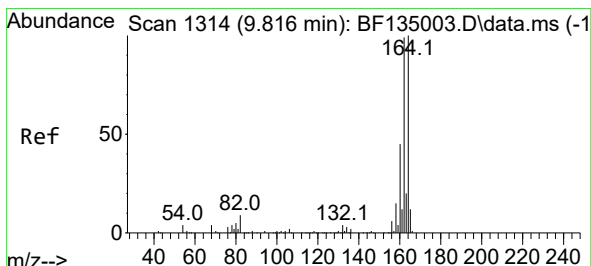
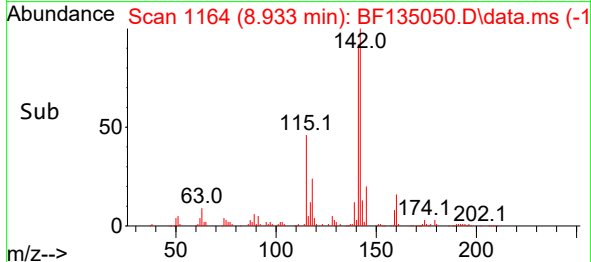
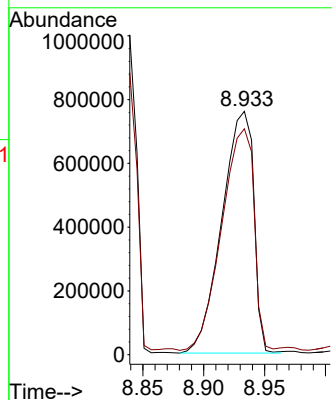
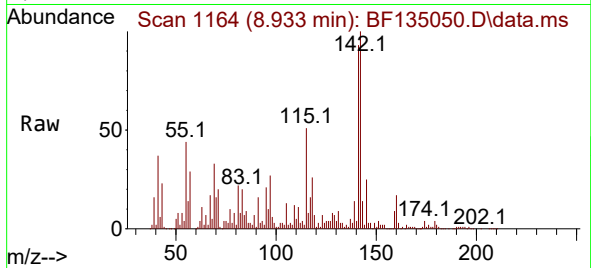




#38
1-Methylnaphthalene
Concen: 301.821 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.065 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

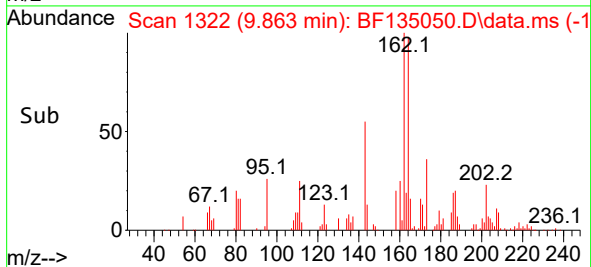
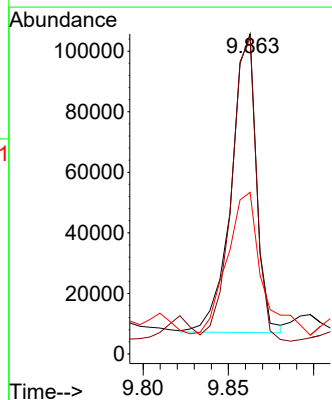
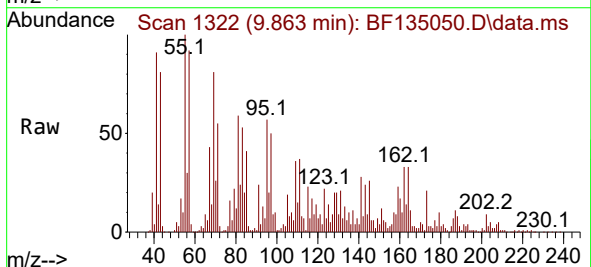
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)

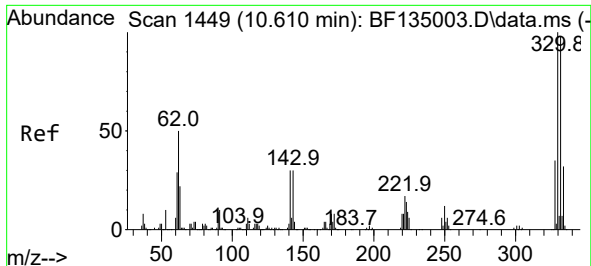
Tgt Ion:142 Resp: 1379392
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.047 min
Lab File: BF135050.D
Acq: 31 Aug 2023 19:54

Tgt Ion:164 Resp: 101241
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 50.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 116.575 ng

RT: 10.627 min Scan# 1449

Delta R.T. 0.018 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)

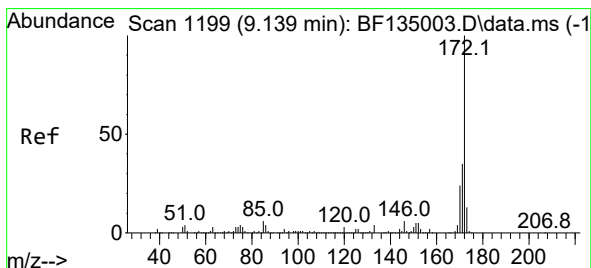
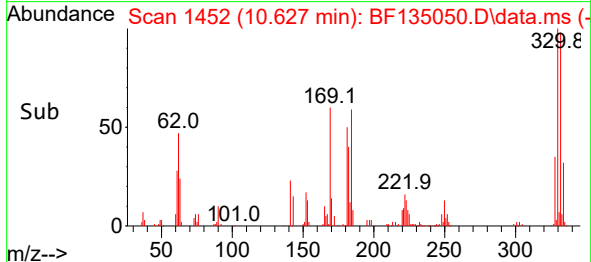
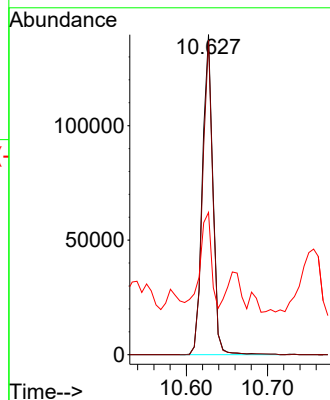
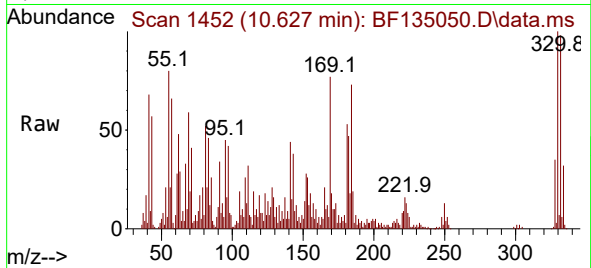
Tgt Ion:330 Resp: 125196

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 31.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 59.507 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.041 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

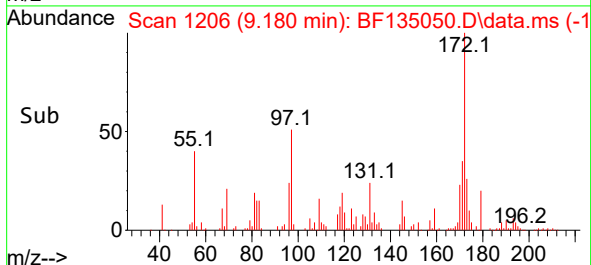
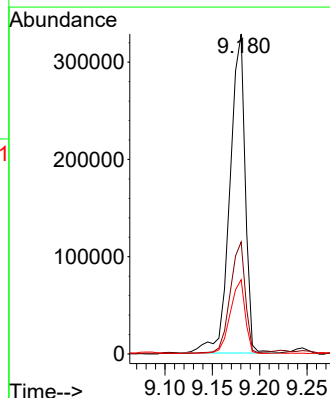
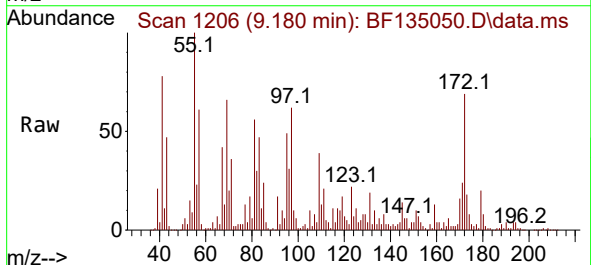
Tgt Ion:172 Resp: 370033

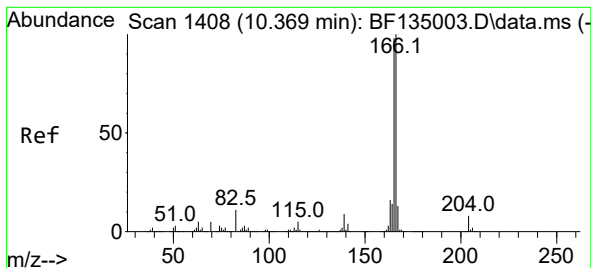
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 19.0 28.4





#58

Fluorene

Concen: 28.489 ng

RT: 10.392 min Scan# 1412

Delta R.T. 0.023 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)

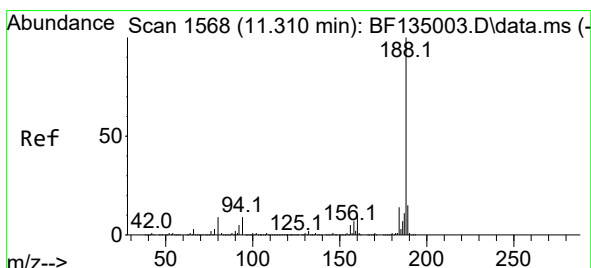
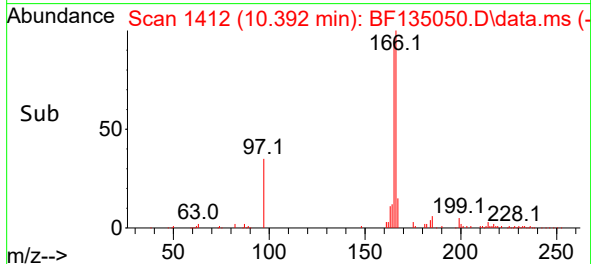
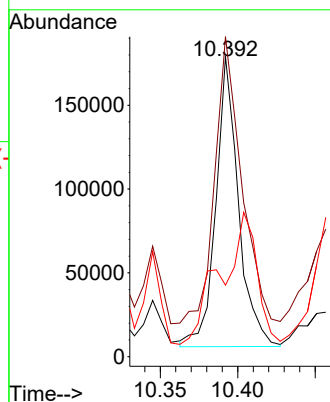
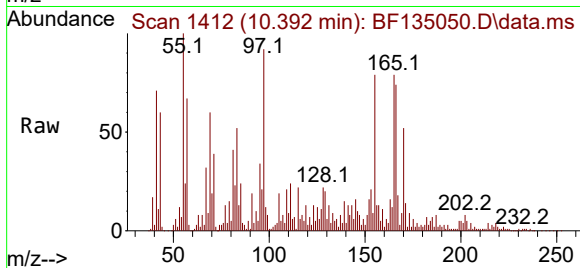
Tgt Ion:166 Resp: 175559

Ion Ratio Lower Upper

166 100

165 106.6 78.0 117.0

167 23.9 10.8 16.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

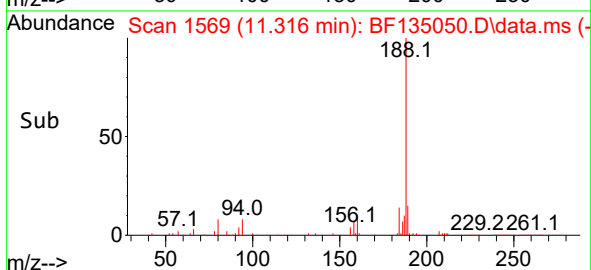
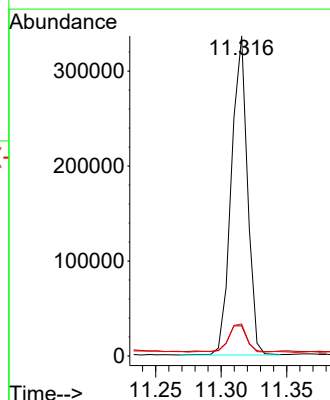
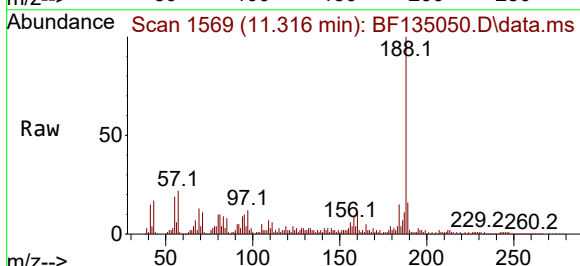
Tgt Ion:188 Resp: 287489

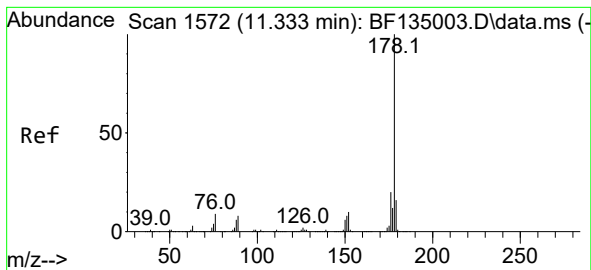
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.0 7.4 11.2





#71

Phenanthrene

Concen: 14.121 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)

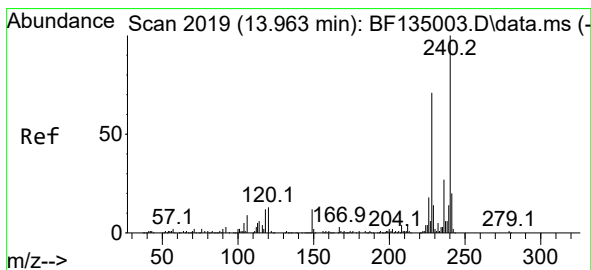
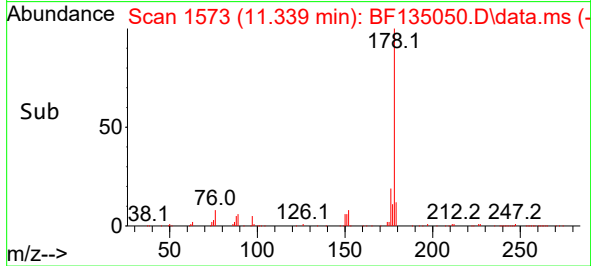
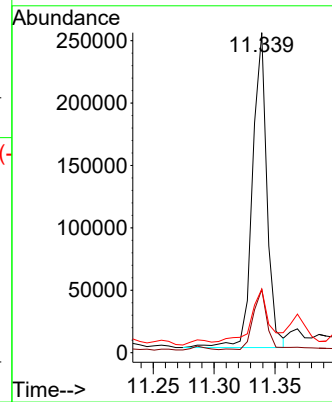
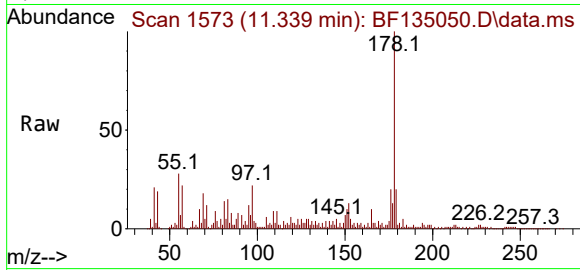
Tgt Ion:178 Resp: 209439

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 19.9 12.5 18.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

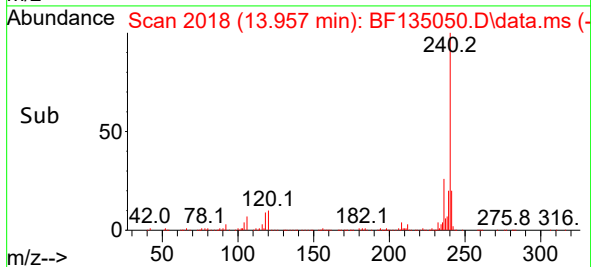
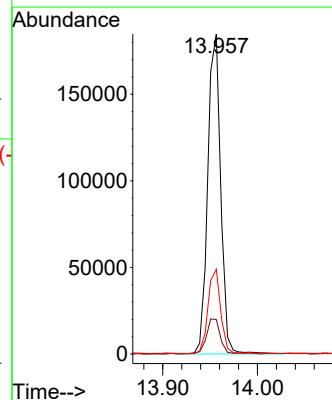
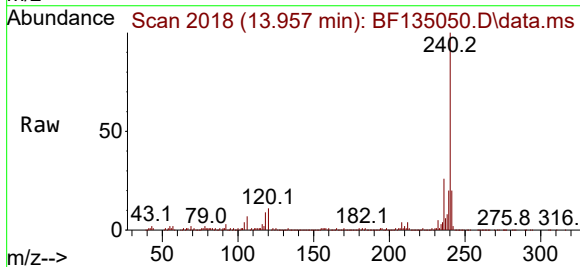
Tgt Ion:240 Resp: 175177

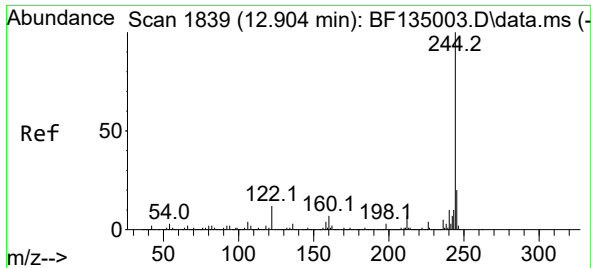
Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.2

236 26.5 21.3 31.9

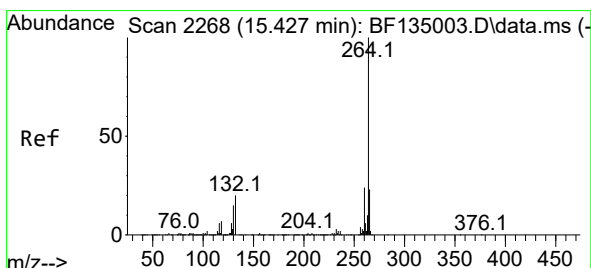
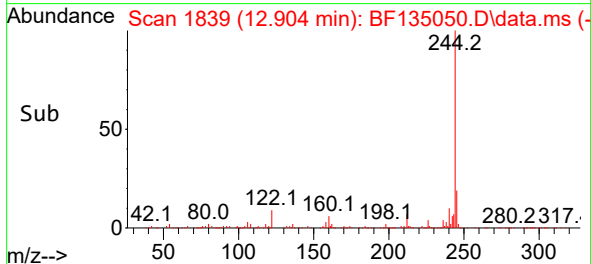
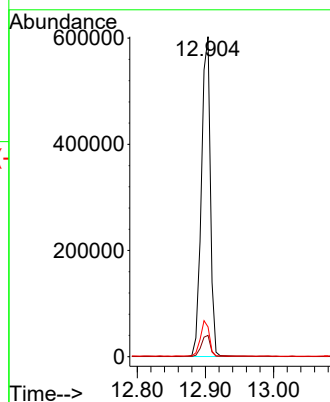
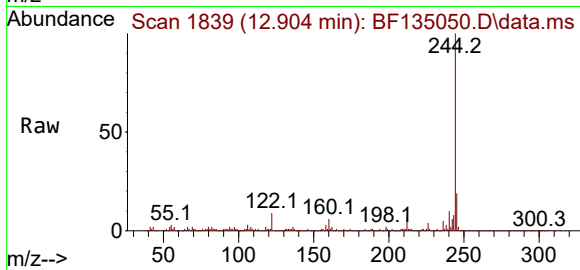




#79
 Terphenyl-d14
 Concen: 51.118 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135050.D
 Acq: 31 Aug 2023 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)

Tgt Ion:244 Resp: 548724
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.3 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135050.D
 Acq: 31 Aug 2023 19:54

Tgt Ion:264 Resp: 217885
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 20.6 18.2 27.2

