

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134350.D
 Acq On : 18 Jul 2023 21:56
 Operator : CG\JU
 Sample : 03608-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 73742RE

Quant Time: Jul 19 01:42:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

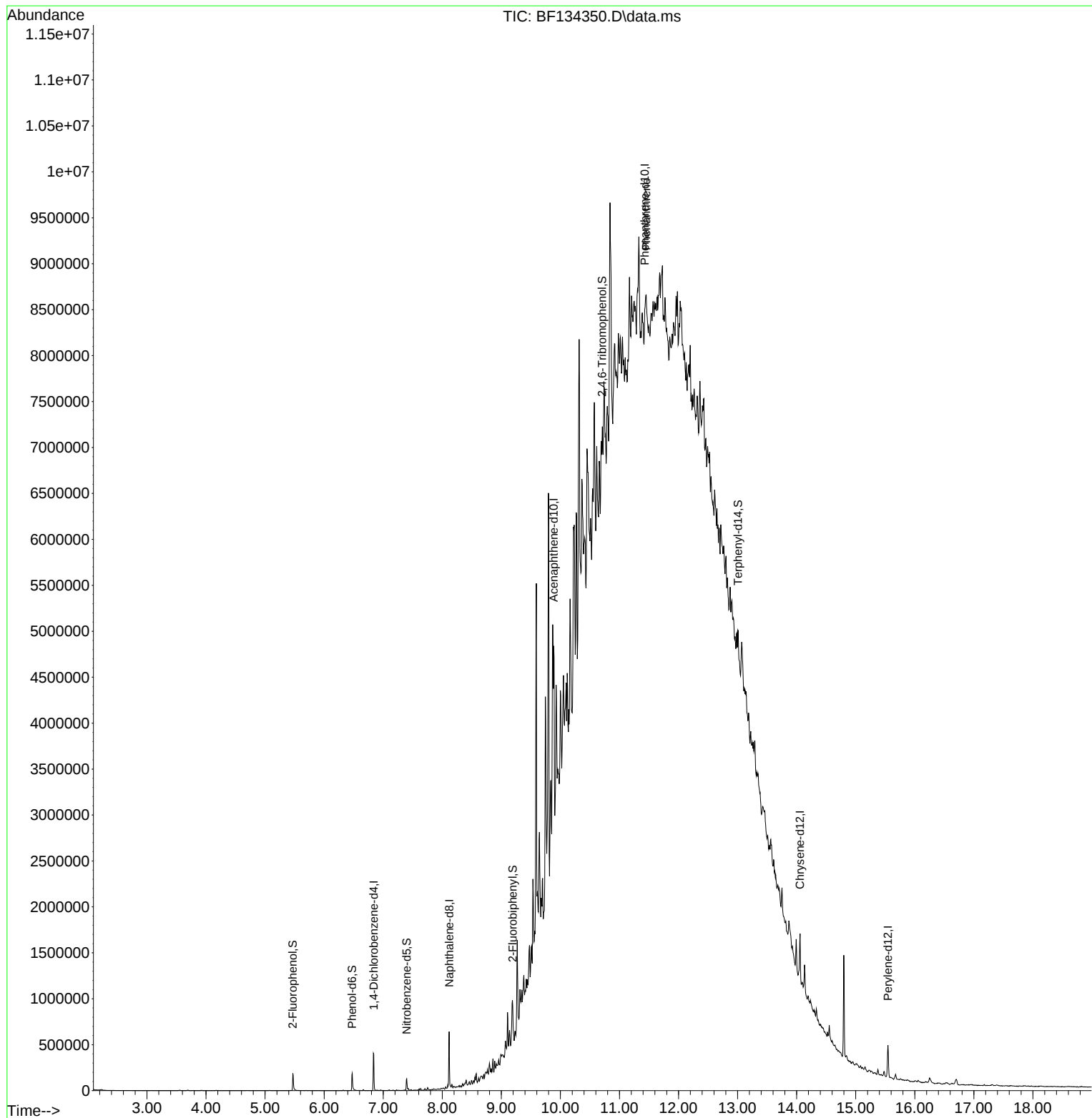
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	62120	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	233800	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	89686	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	123757	20.000	ng	# 0.05
76) Chrysene-d12	14.057	240	152435	20.000	ng	0.02
86) Perylene-d12	15.545	264	161847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	56776	15.289	ng	0.00
7) Phenol-d6	6.475	99	69421	15.201	ng	-0.01
23) Nitrobenzene-d5	7.398	82	44362	10.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	17296	15.381	ng	0.02
45) 2-Fluorobiphenyl	9.192	172	88116	14.284	ng	-0.01
79) Terphenyl-d14	13.004	244	79984	8.445	ng	0.03
Target Compounds						
71) Phenanthrene	11.451	178	157440	25.271	ng	# 68

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

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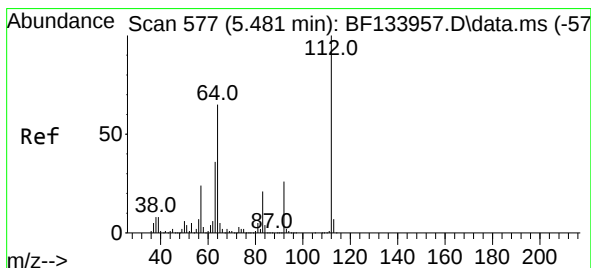
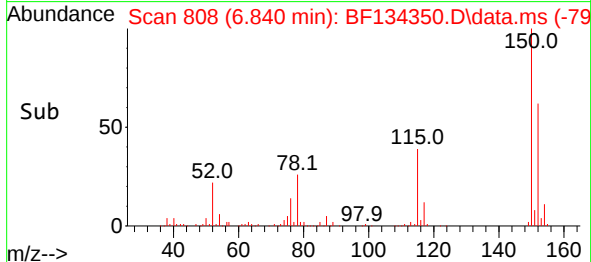
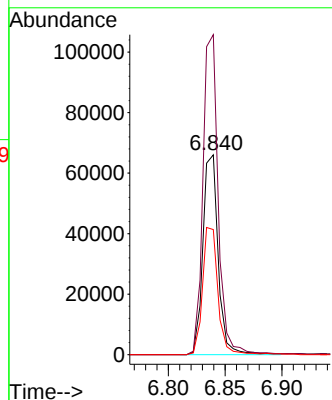
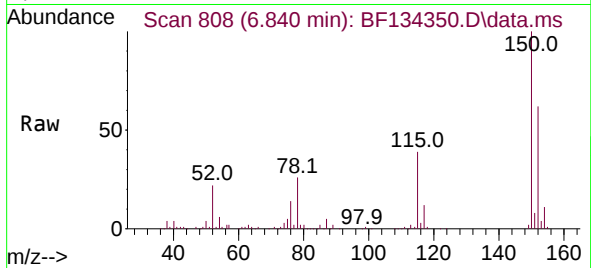




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134350.D
Acq: 18 Jul 2023 21:56

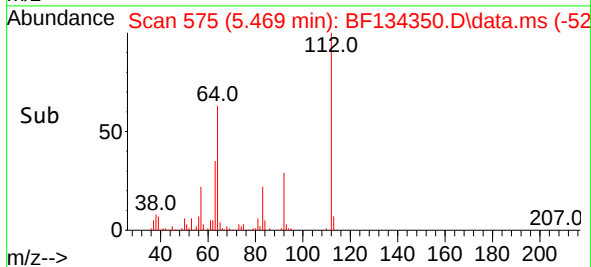
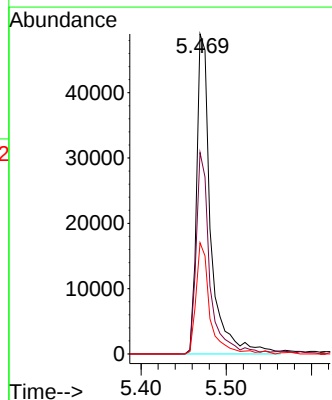
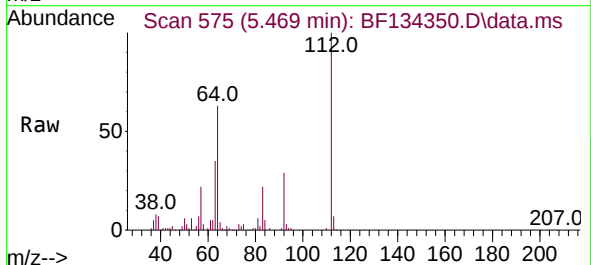
Instrument :
BNA_F
ClientSampleId :
73742RE

Tgt Ion:152 Resp: 62120
Ion Ratio Lower Upper
152 100
150 160.1 124.5 186.7
115 62.6 50.2 75.2



#5
2-Fluorophenol
Concen: 15.289 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134350.D
Acq: 18 Jul 2023 21:56

Tgt Ion:112 Resp: 56776
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 34.8 28.6 42.8

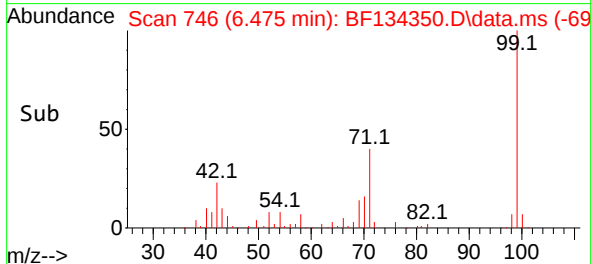
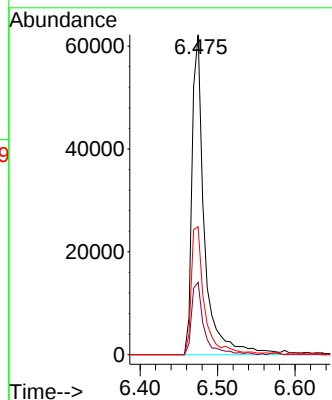
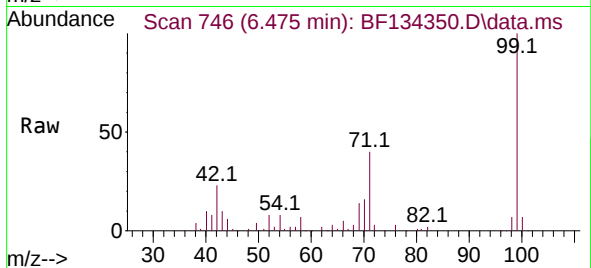




#7
Phenol-d6
Concen: 15.201 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134350.D
Acq: 18 Jul 2023 21:56

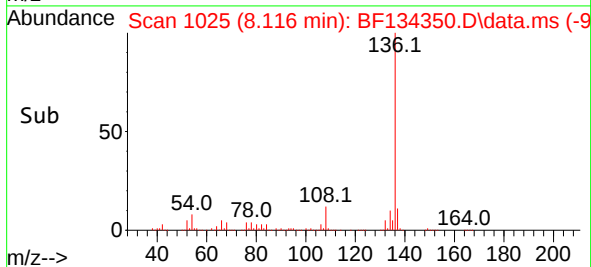
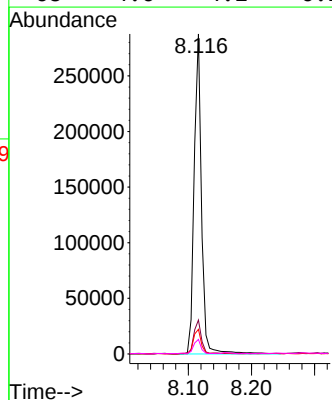
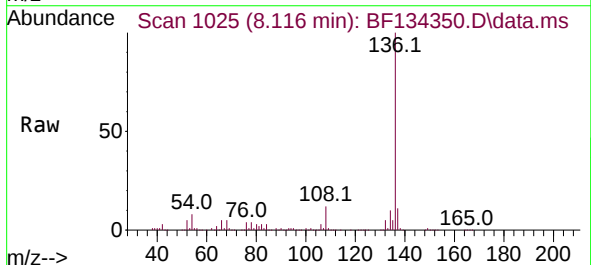
Instrument :
BNA_F
ClientSampleId :
73742RE

Tgt Ion: 99 Resp: 69421
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.6
71 39.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134350.D
Acq: 18 Jul 2023 21:56

Tgt Ion:136 Resp: 233800
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.7 6.5 9.7
68 4.6 4.2 6.2

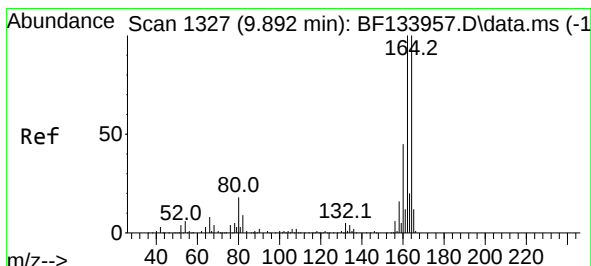
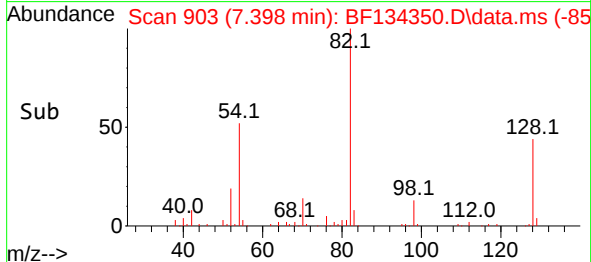
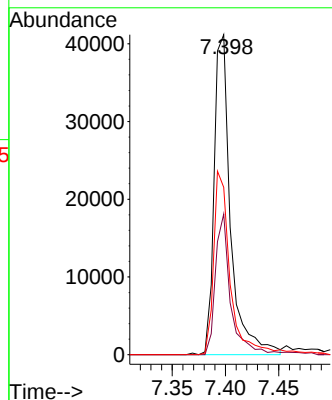
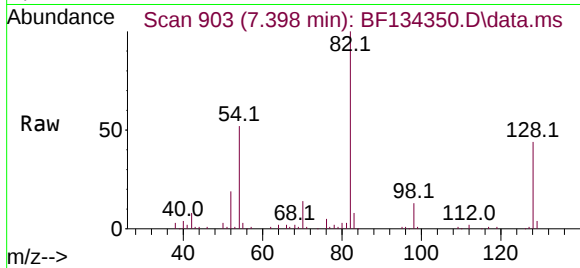




#23
 Nitrobenzene-d5
 Concen: 10.228 ng
 RT: 7.398 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134350.D
 Acq: 18 Jul 2023 21:56

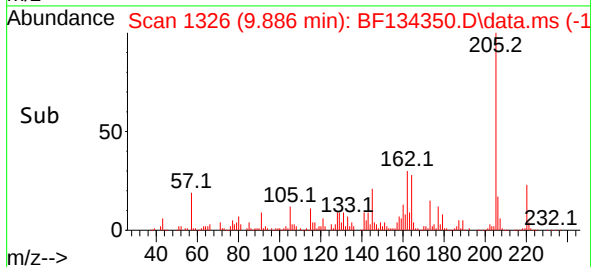
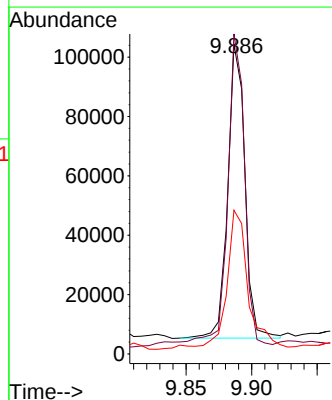
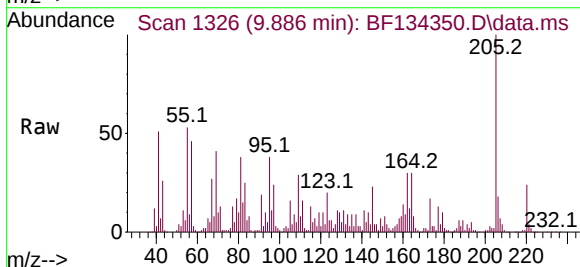
Instrument :
 BNA_F
 ClientSampleId :
 73742RE

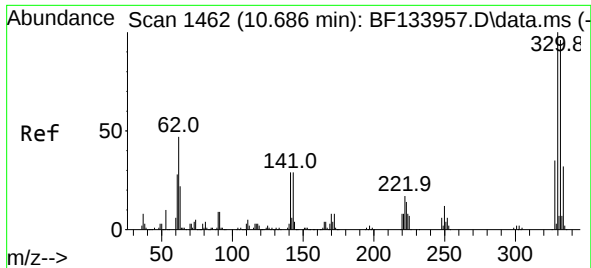
Tgt Ion: 82 Resp: 44362
 Ion Ratio Lower Upper
 82 100
 128 43.9 32.5 48.7
 54 52.3 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. 0.006 min
 Lab File: BF134350.D
 Acq: 18 Jul 2023 21:56

Tgt Ion:164 Resp: 89686
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.0 120.0
 160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 15.381 ng

RT: 10.704 min Scan# 1462

Delta R.T. 0.024 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

Instrument :

BNA_F

ClientSampleId :

73742RE

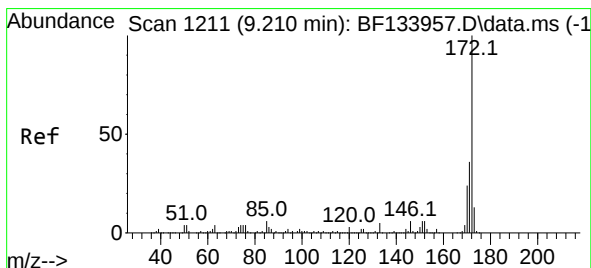
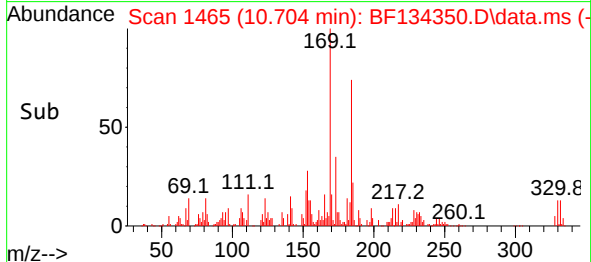
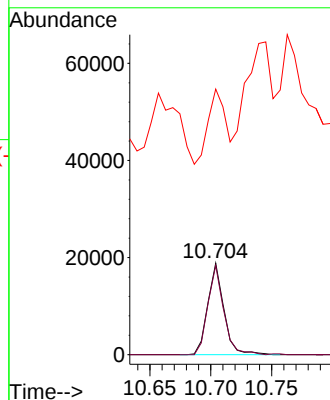
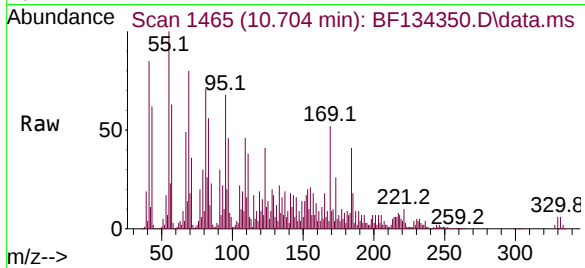
Tgt Ion:330 Resp: 17296

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 87.8 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 14.284 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

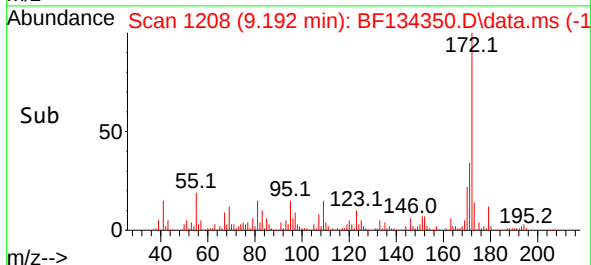
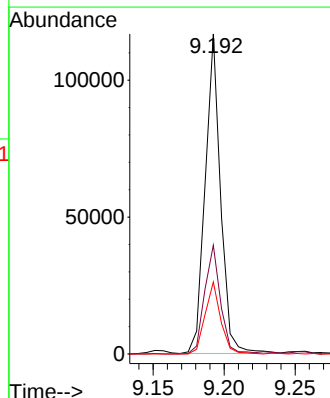
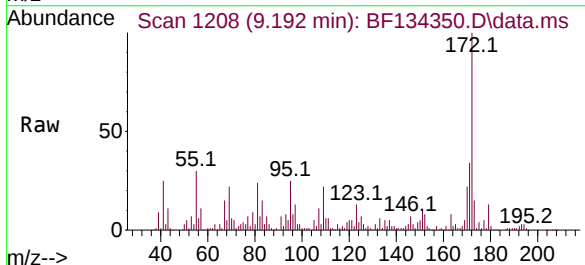
Tgt Ion:172 Resp: 88116

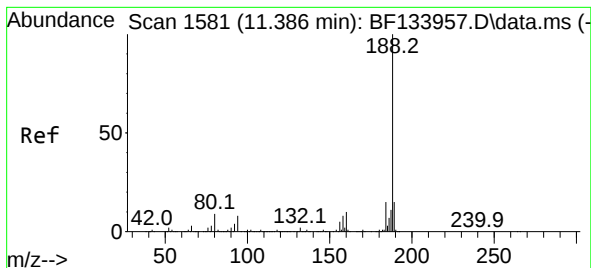
Ion Ratio Lower Upper

172 100

171 34.0 28.6 43.0

170 22.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

Instrument :

BNA_F

ClientSampleId :

73742RE

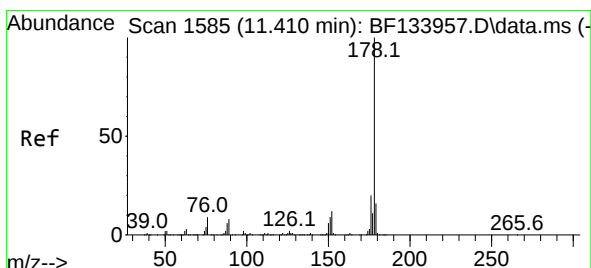
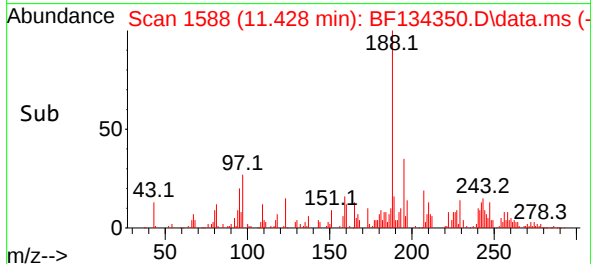
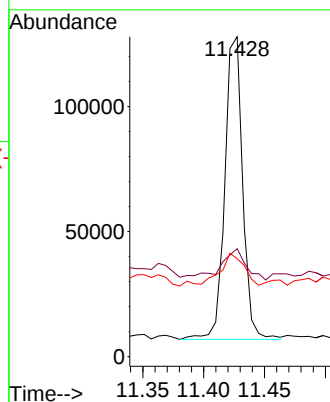
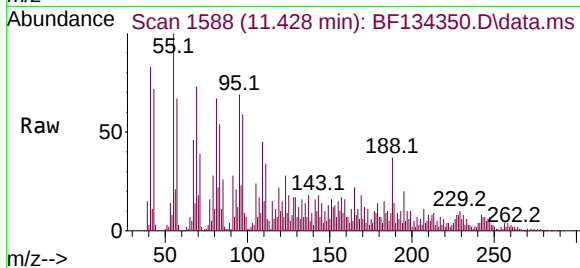
Tgt Ion:188 Resp: 123757

Ion Ratio Lower Upper

188 100

94 33.8 6.4 9.6#

80 30.7 7.3 10.9#



#71

Phenanthrene

Concen: 25.271 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.047 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

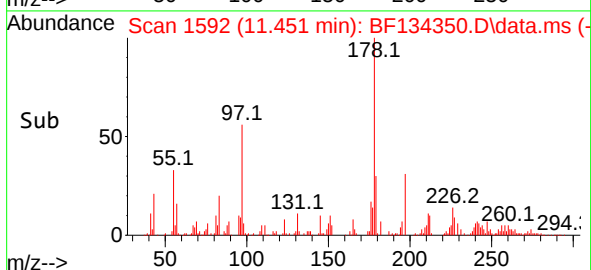
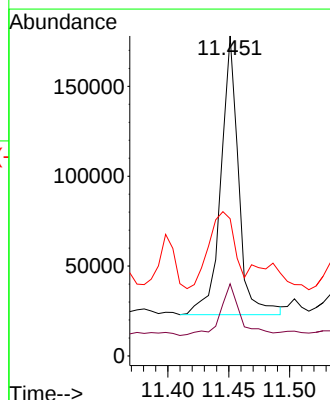
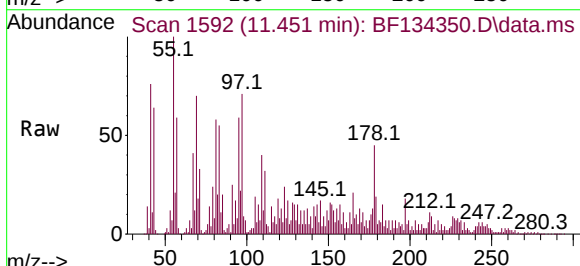
Tgt Ion:178 Resp: 157440

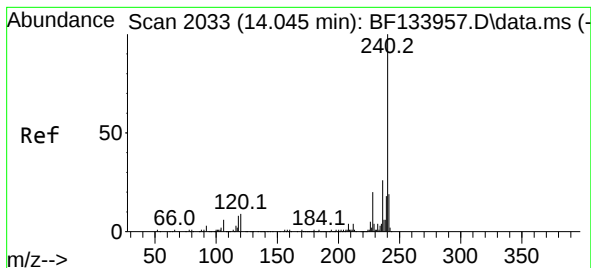
Ion Ratio Lower Upper

178 100

176 22.6 16.0 24.0

179 42.9 12.4 18.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

Instrument :

BNA_F

ClientSampleId :

73742RE

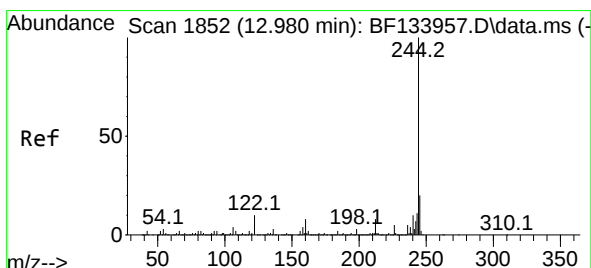
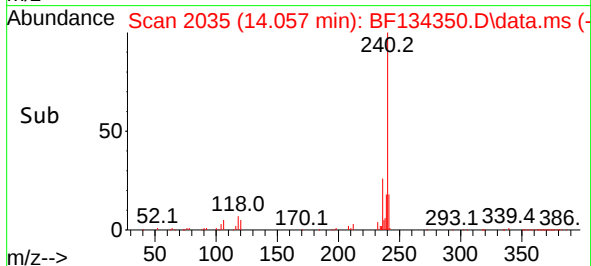
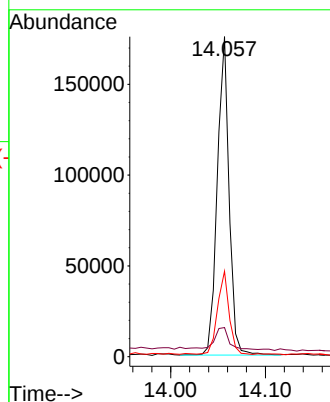
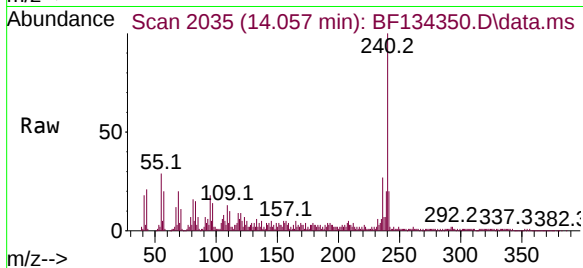
Tgt Ion:240 Resp: 152435

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 26.7 21.0 31.6



#79

Terphenyl-d14

Concen: 8.445 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.030 min

Lab File: BF134350.D

Acq: 18 Jul 2023 21:56

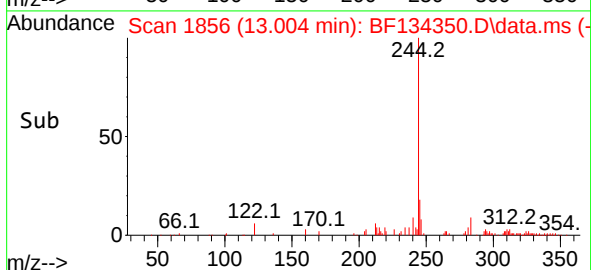
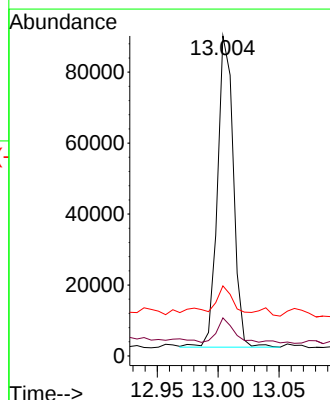
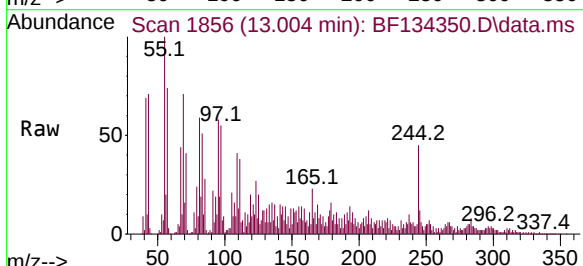
Tgt Ion:244 Resp: 79984

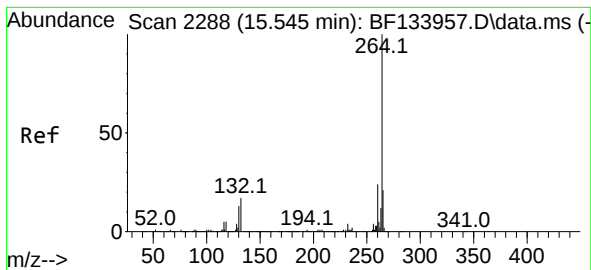
Ion Ratio Lower Upper

244 100

212 11.9 6.0 9.0#

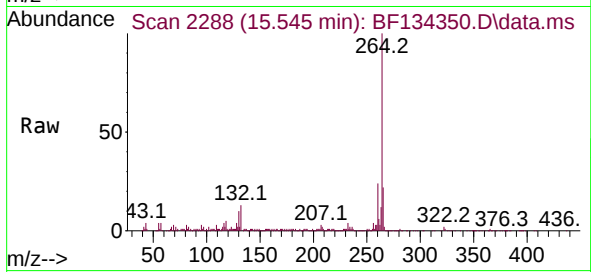
122 21.9 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134350.D
Acq: 18 Jul 2023 21:56

Instrument :
BNA_F
ClientSampleId :
73742RE



Tgt Ion:264 Resp: 161847

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	16.6	25.0

