

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137523.D
 Acq On : 06 Mar 2024 17:25
 Operator : CG\JU
 Sample : P1682-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-03052024

Quant Time: Mar 06 17:50:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

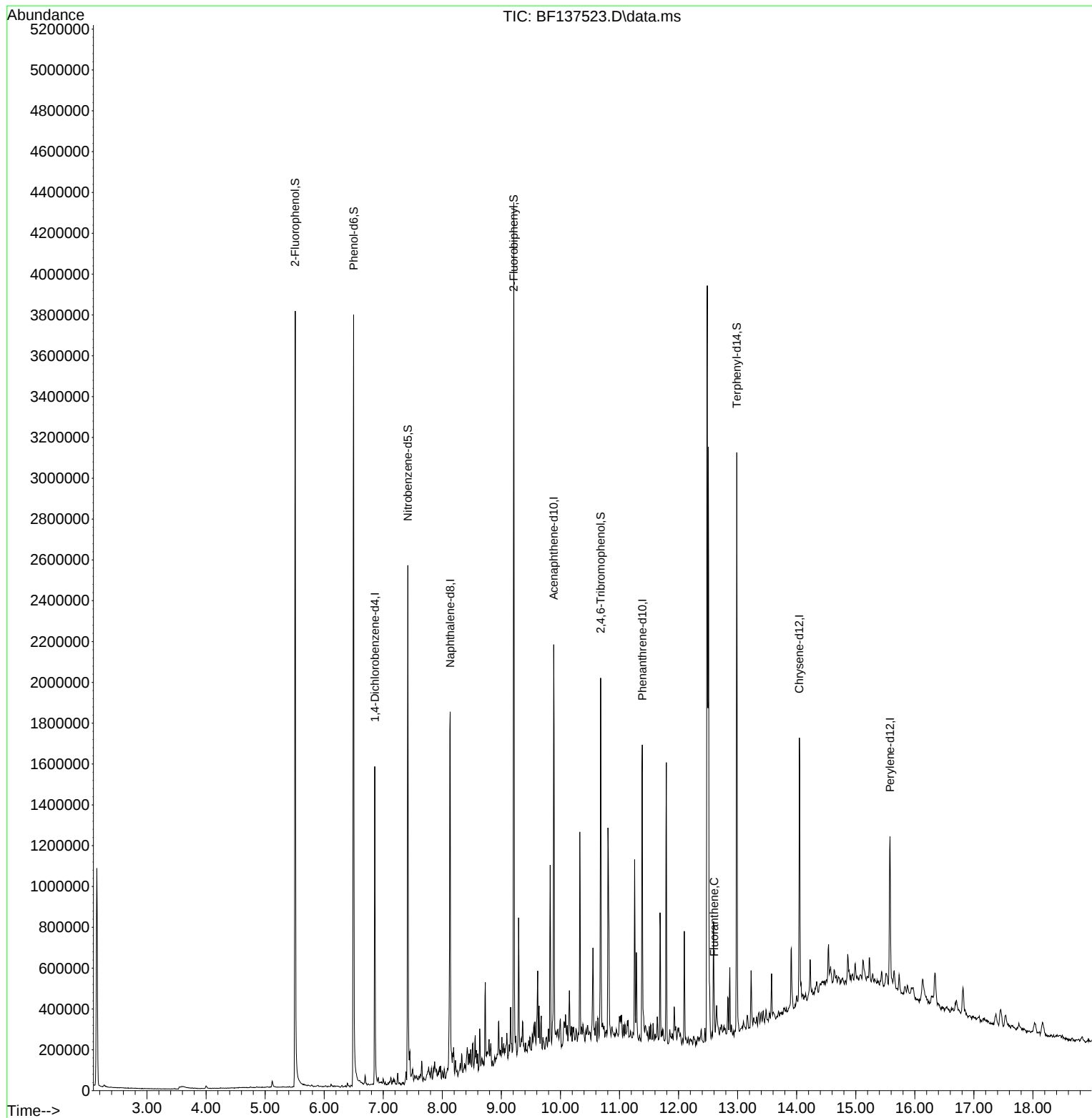
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	220920	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	814875	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	381059	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	561780	20.000	ng	0.00
76) Chrysene-d12	14.045	240	444311	20.000	ng	0.00
86) Perylene-d12	15.580	264	374186	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1024422	70.230	ng	0.00
7) Phenol-d6	6.498	99	1387855	65.915	ng	0.00
23) Nitrobenzene-d5	7.416	82	823201	46.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	192993	57.673	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1189799	48.876	ng	0.00
79) Terphenyl-d14	12.986	244	927394	28.702	ng	0.00
Target Compounds						
75) Fluoranthene	12.604	202	64530	2.159	ng	Qvalue 99

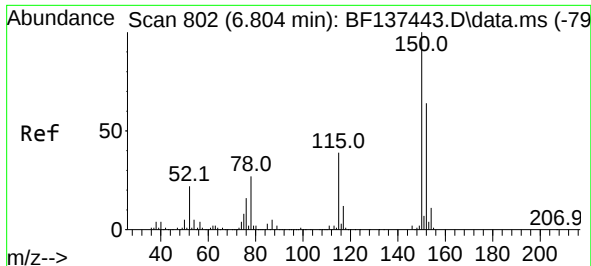
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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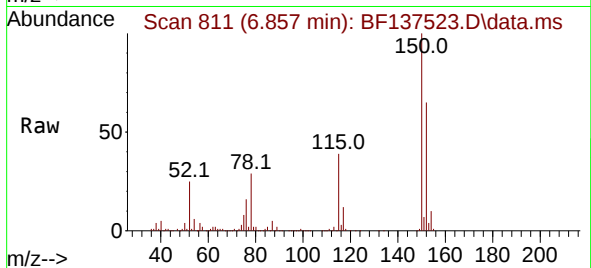
Quant Time: Mar 06 17:50:19 2024
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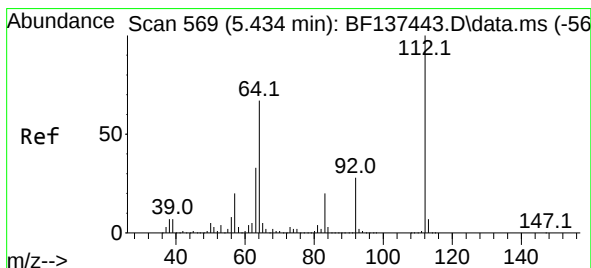
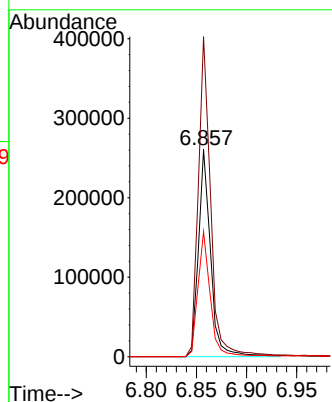
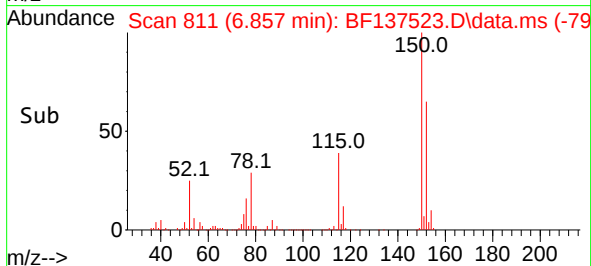


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

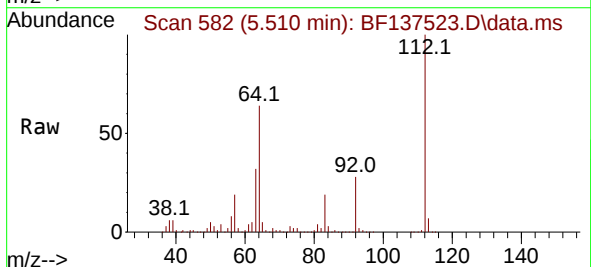
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024



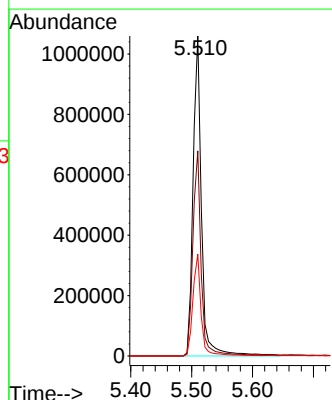
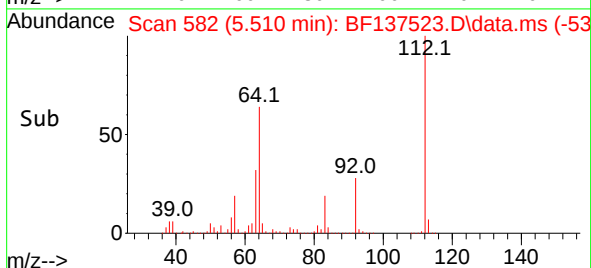
Tgt Ion:152 Resp: 220920
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 60.3 48.8 73.2



#5
2-Fluorophenol
Concen: 70.230 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25



Tgt Ion:112 Resp: 1024422
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.8 26.2 39.2

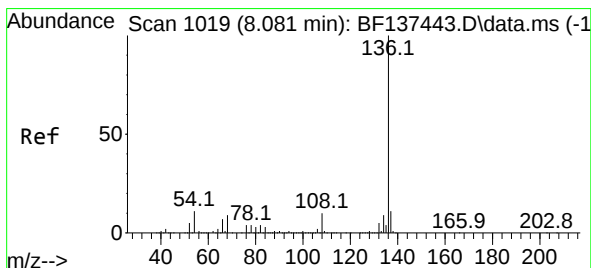
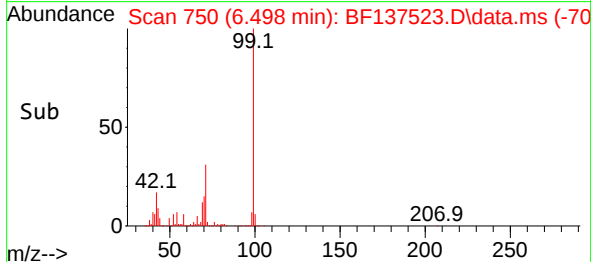
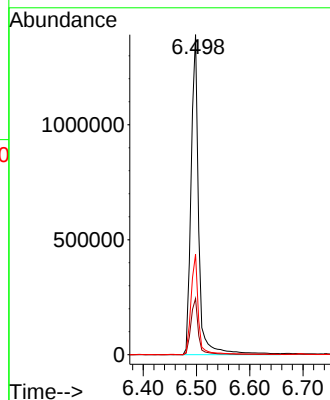
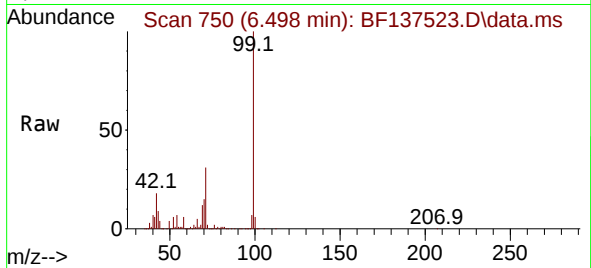




#7
Phenol-d6
Concen: 65.915 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

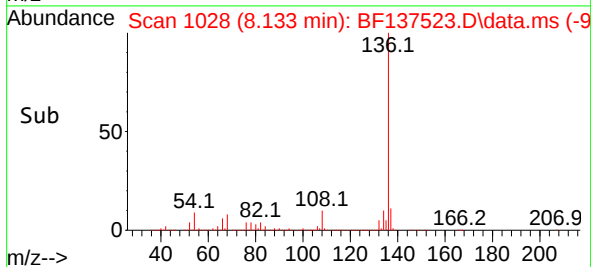
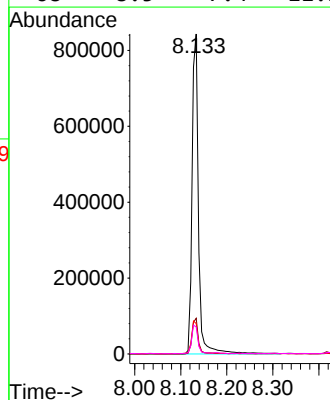
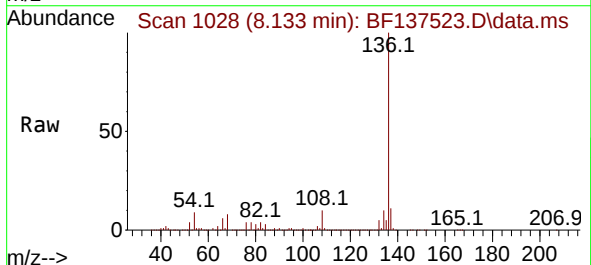
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

Tgt Ion: 99 Resp: 1387855
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 31.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion: 136 Resp: 814875
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.5 8.5 12.7
68 8.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 46.939 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

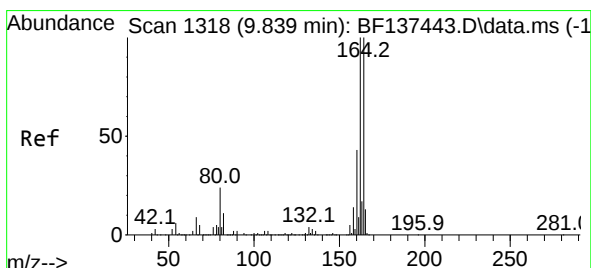
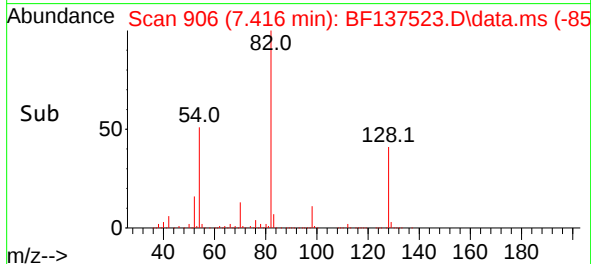
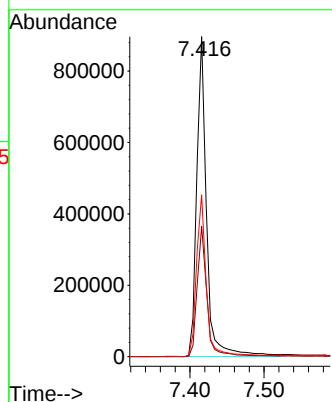
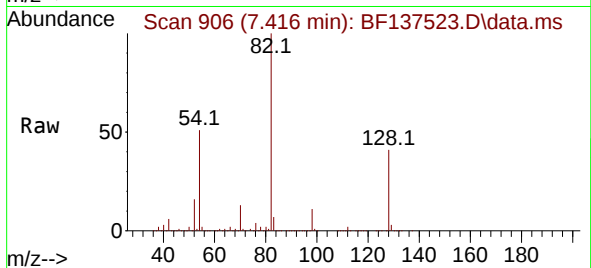
Tgt Ion: 82 Resp: 823201

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 50.6 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

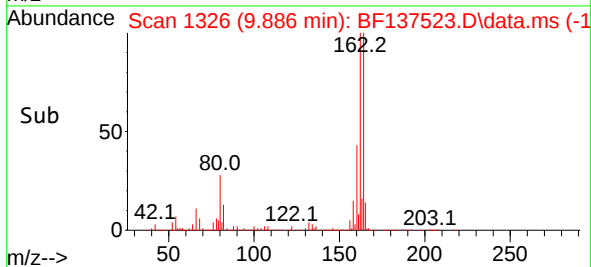
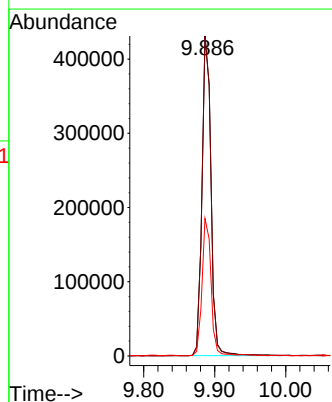
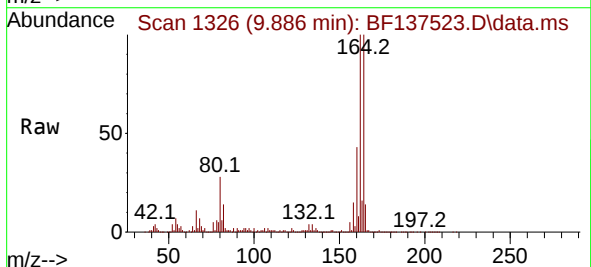
Tgt Ion: 164 Resp: 381059

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.8

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 57.673 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137523.D

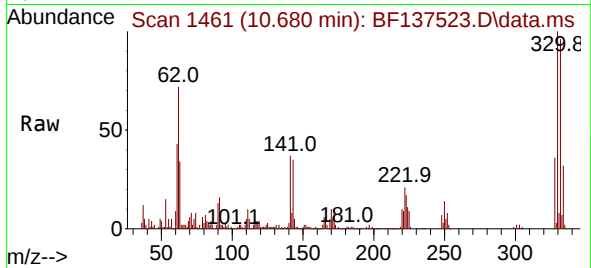
Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024



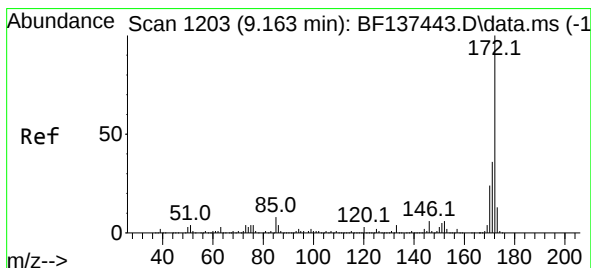
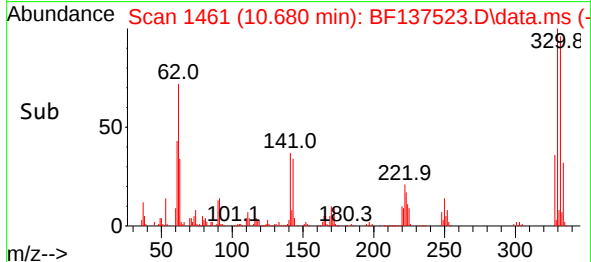
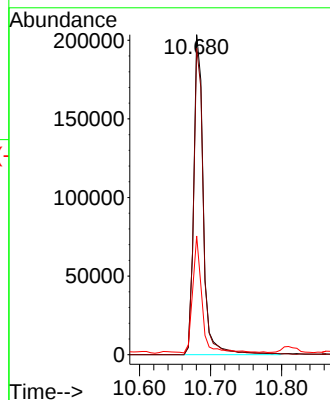
Tgt Ion:330 Resp: 192993

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 34.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 48.876 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

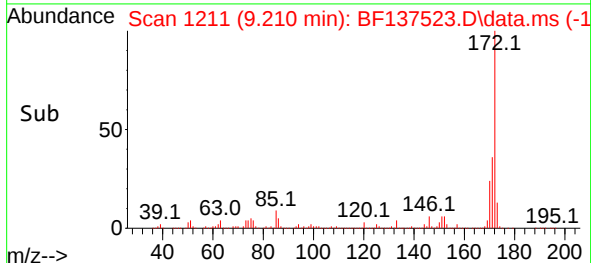
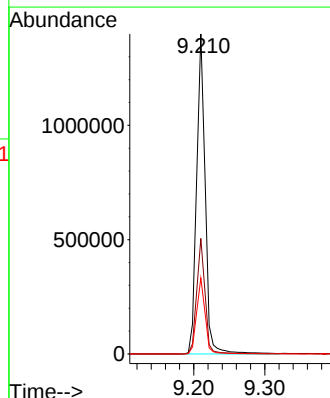
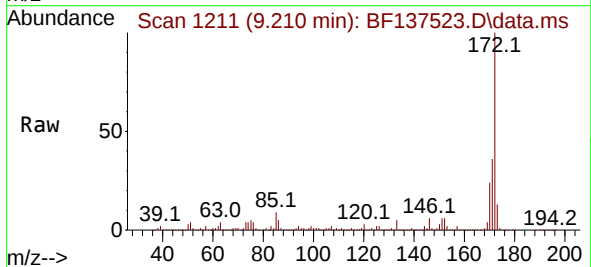
Tgt Ion:172 Resp: 1189799

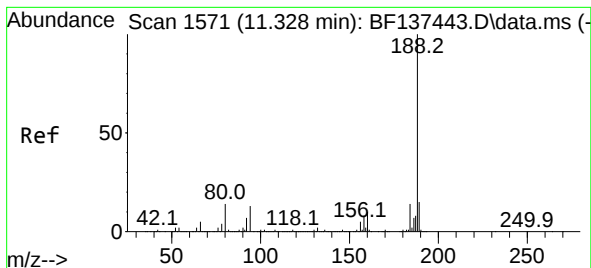
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

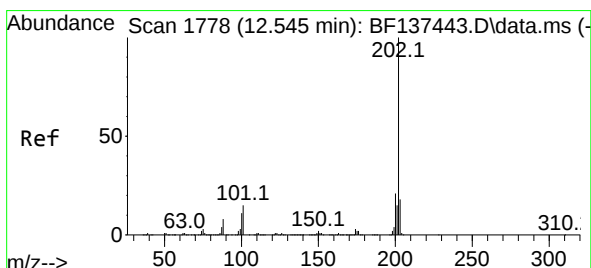
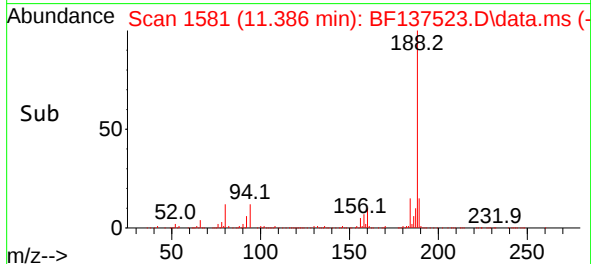
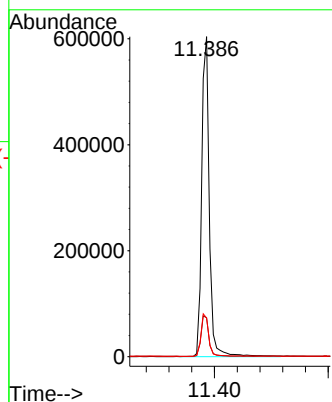
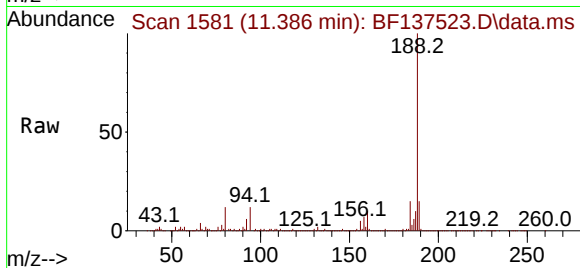
Tgt Ion:188 Resp: 561780

Ion Ratio Lower Upper

188 100

94 12.1 10.6 15.8

80 12.1 11.5 17.3



#75

Fluoranthene

Concen: 2.159 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

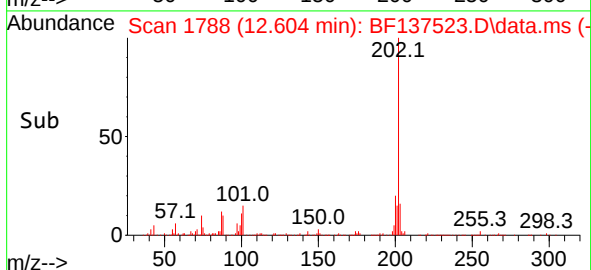
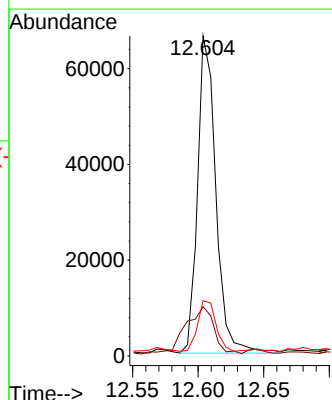
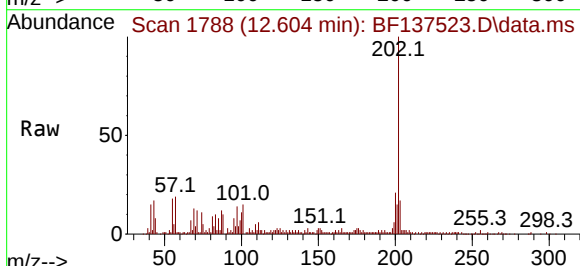
Tgt Ion:202 Resp: 64530

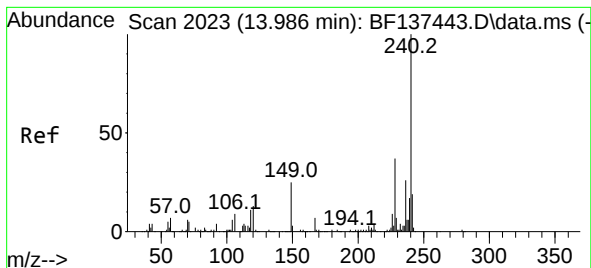
Ion Ratio Lower Upper

202 100

101 15.4 0.0 35.0

203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

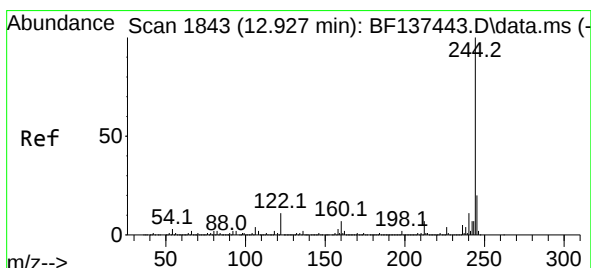
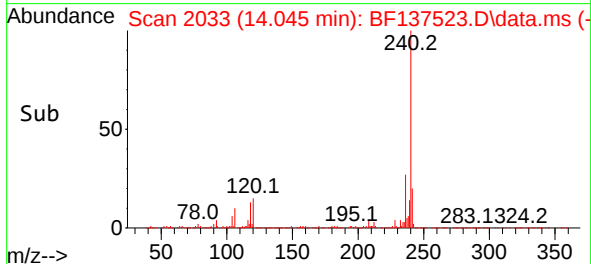
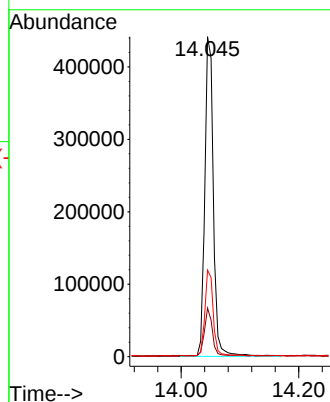
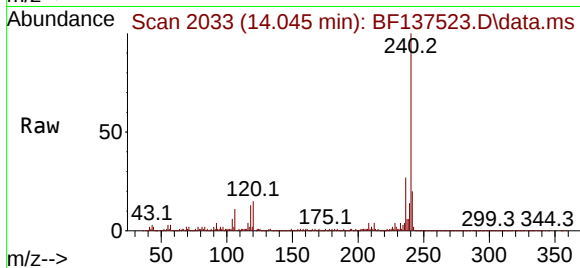
Tgt Ion:240 Resp: 444311

Ion Ratio Lower Upper

240 100

120 15.2 10.4 15.6

236 27.0 20.9 31.3



#79

Terphenyl-d14

Concen: 28.702 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

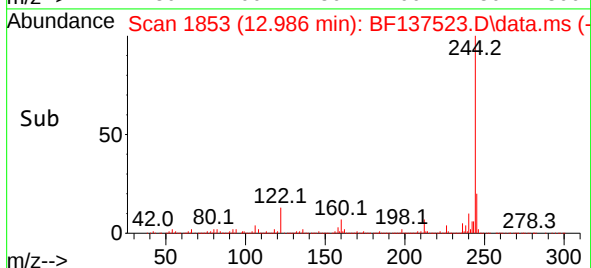
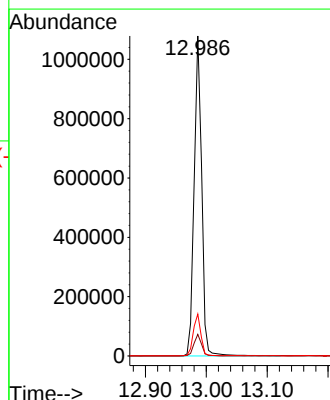
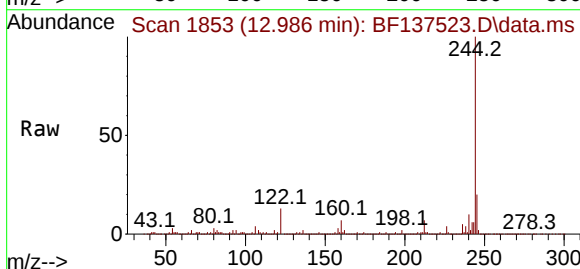
Tgt Ion:244 Resp: 927394

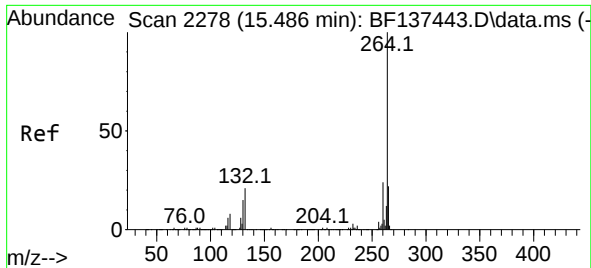
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

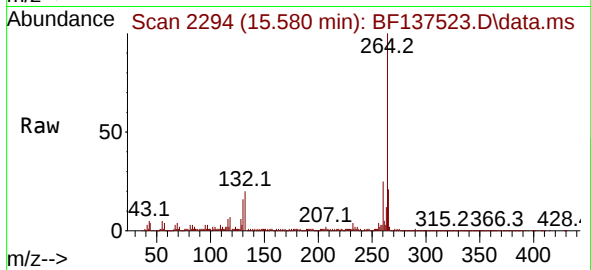
122 13.1 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Instrument :
BNA_F
ClientSampleId :
HR-04-03052024



Tgt Ion:264 Resp: 374186

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.4	17.4	26.0

