

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137008.D
 Acq On : 08 Jan 2024 22:08
 Operator : CG\JU
 Sample : P1054-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-01052024

Quant Time: Jan 09 00:44:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

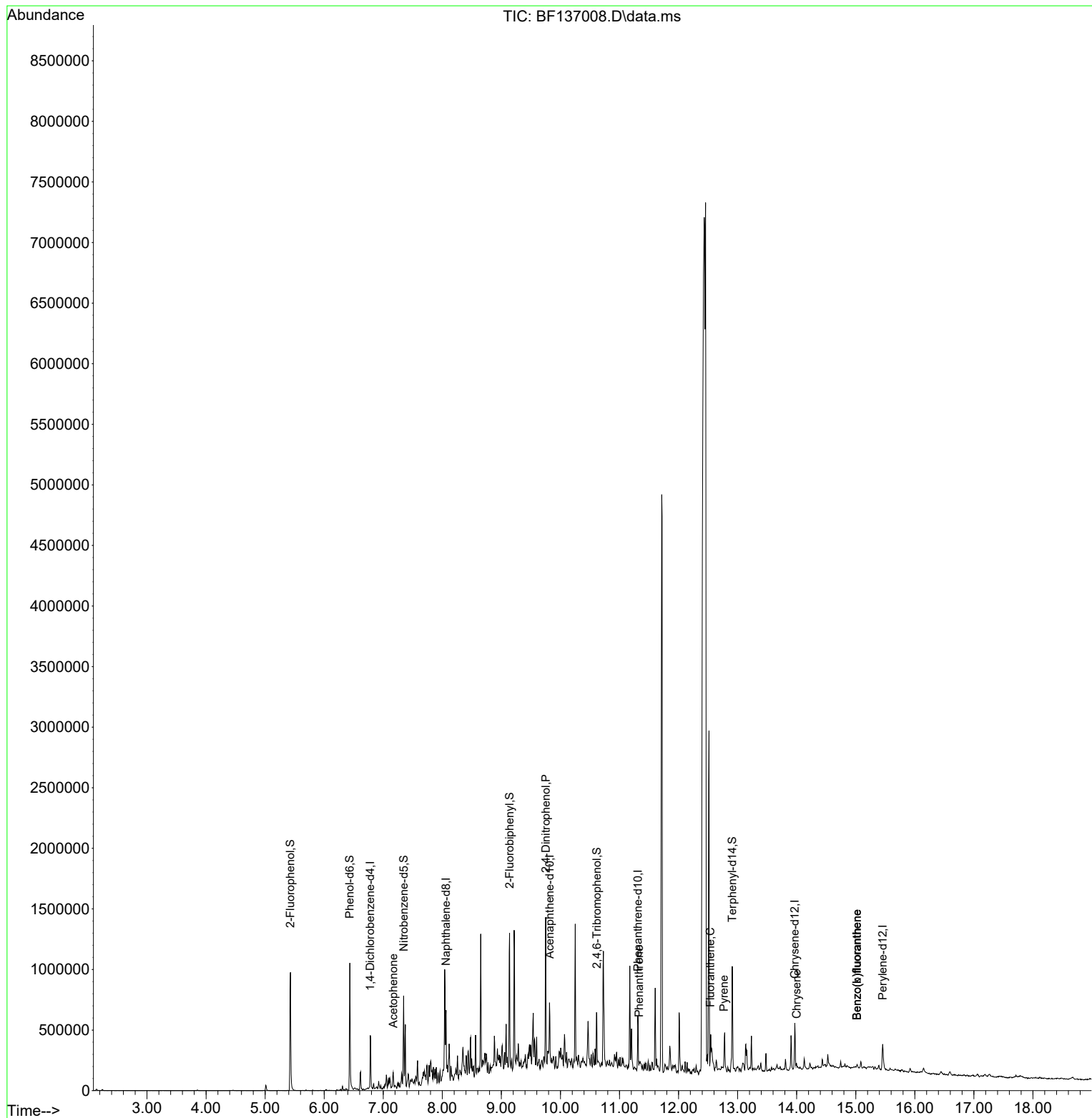
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64756	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	225220	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	94437	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	153745	20.000	ng	0.00
76) Chrysene-d12	13.968	240	119234	20.000	ng	0.00
86) Perylene-d12	15.457	264	94964	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	278203	67.033	ng	0.00
7) Phenol-d6	6.434	99	339215	63.078	ng	0.00
23) Nitrobenzene-d5	7.345	82	198855	45.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	64903	58.355	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	346016	49.280	ng	-0.01
79) Terphenyl-d14	12.910	244	289065	33.880	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.169	105	14844	2.630	ng	# 49
54) 2,4-Dinitrophenol	9.751	184	85	3.828	ng	# 1
71) Phenanthrene	11.333	178	17379	2.203	ng	# 93
75) Fluoranthene	12.539	202	31297	3.709	ng	98
78) Pyrene	12.768	202	36141	3.088	ng	95
83) Chrysene	13.998	228	17227	2.128	ng	# 94
88) Benzo(b)fluoranthene	15.021	252	19605	3.091	ng	# 79
89) Benzo(k)fluoranthene	15.021	252	19605	3.271	ng	# 79

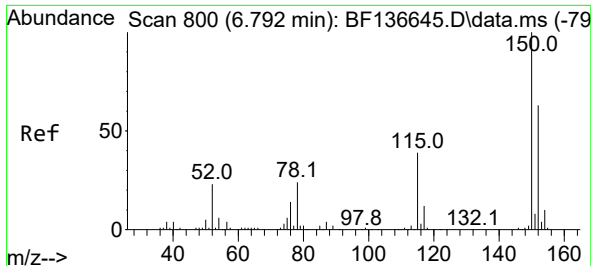
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

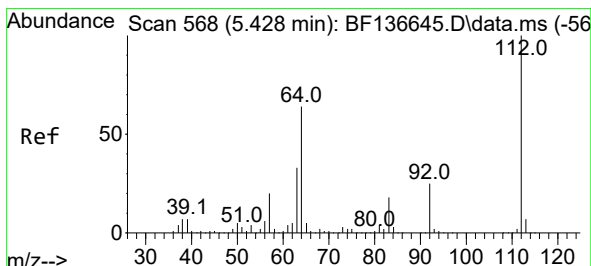
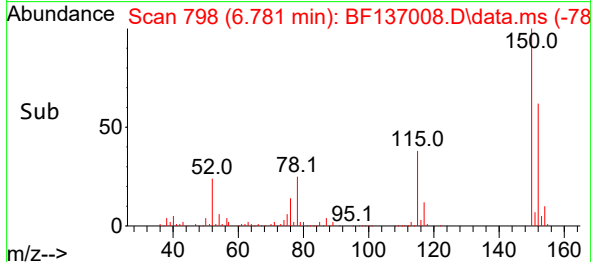
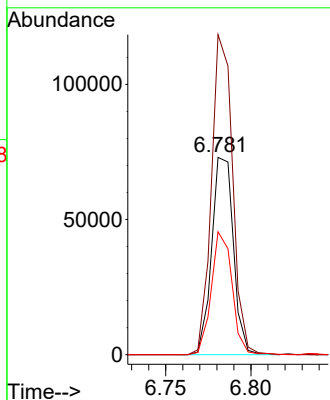
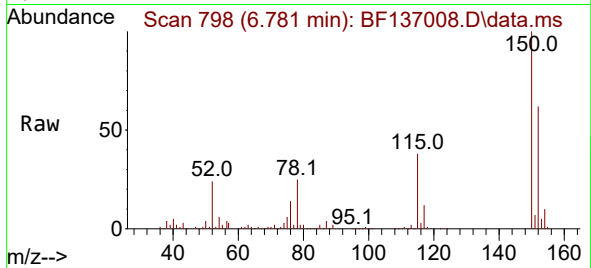




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

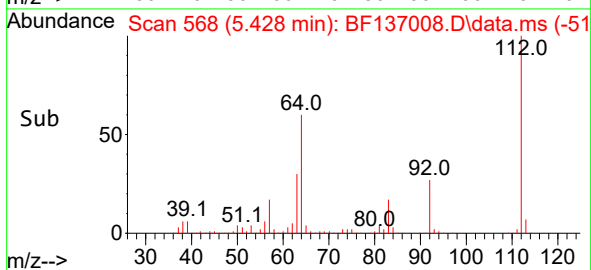
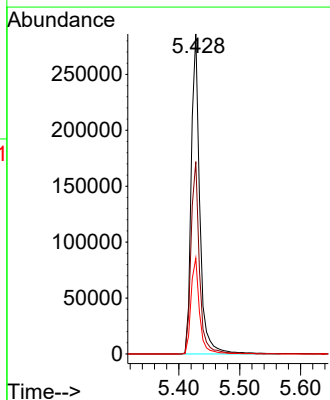
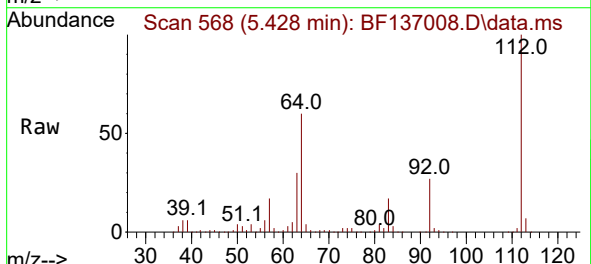
Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

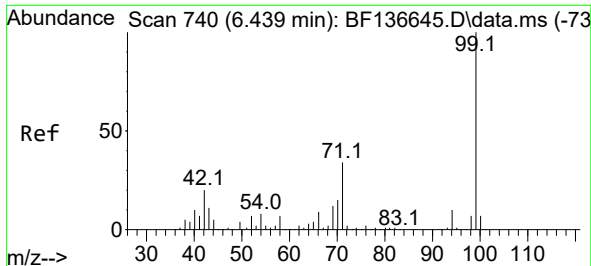
Tgt Ion:152 Resp: 64756
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.6
115 62.3 49.0 73.4



#5
2-Fluorophenol
Concen: 67.033 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Tgt Ion:112 Resp: 278203
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 29.9 26.1 39.1

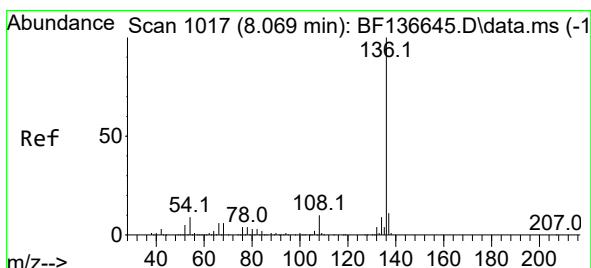
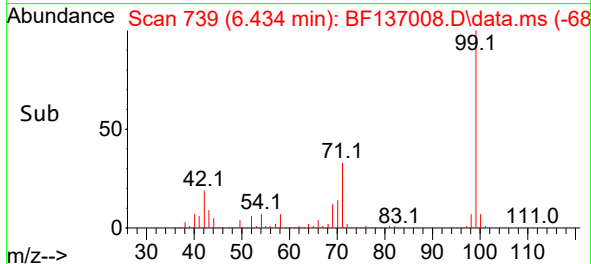
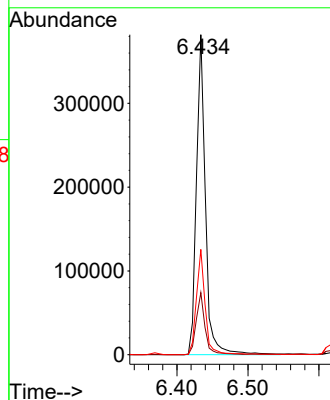
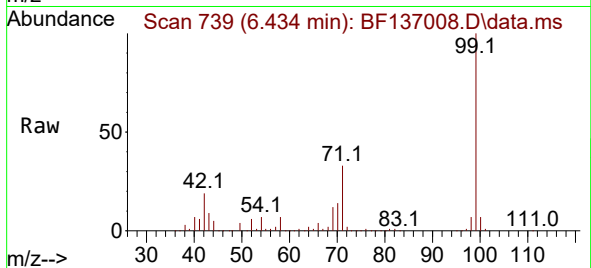




#7
Phenol-d6
Concen: 63.078 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

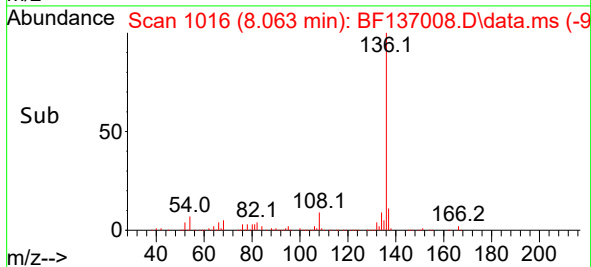
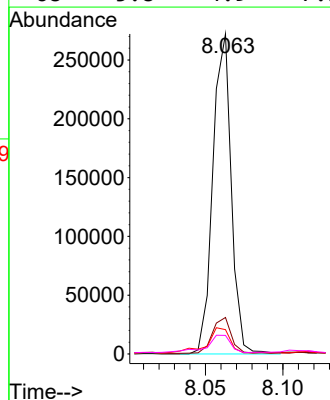
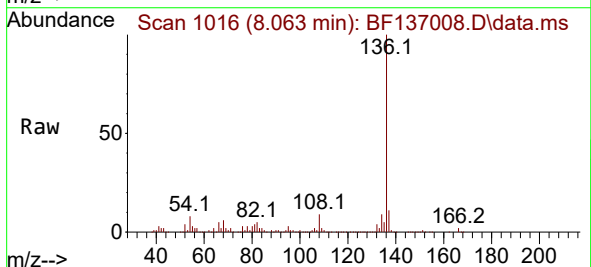
Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

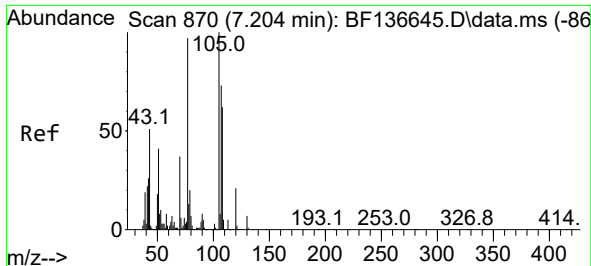
Tgt Ion: 99 Resp: 339215
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Tgt Ion:136 Resp: 225220
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.6 7.2 10.8
68 5.8 4.9 7.3

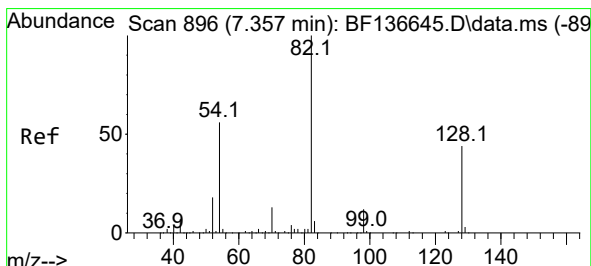
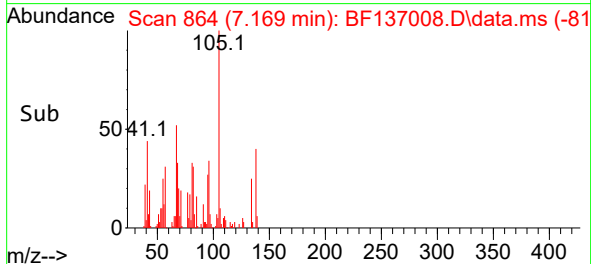
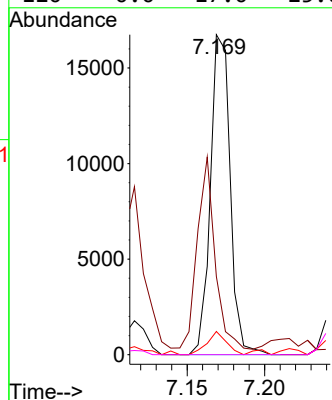
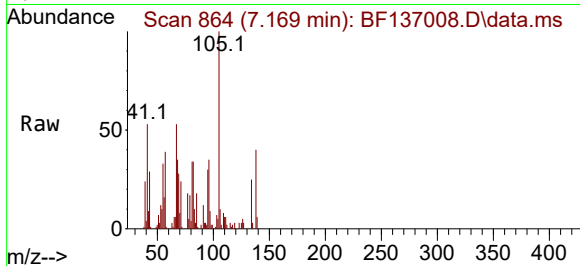




#22
Acetophenone
Concen: 2.630 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.035 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

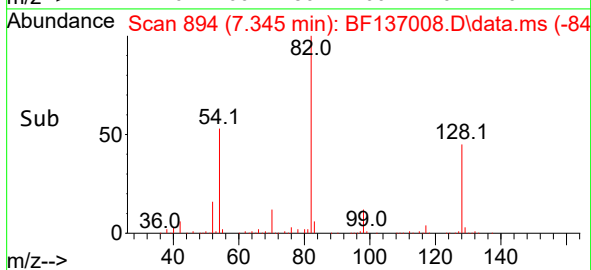
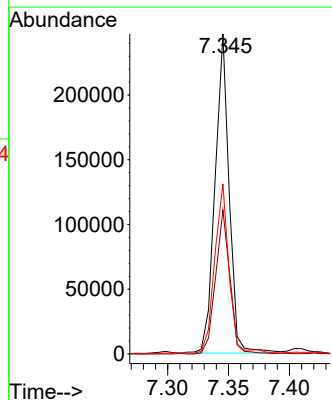
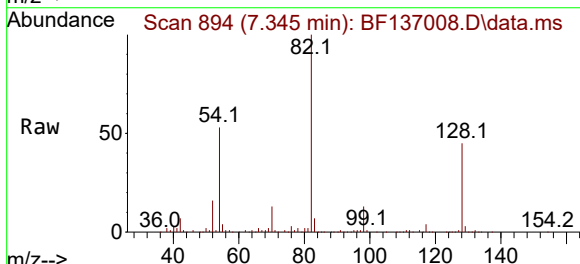
Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

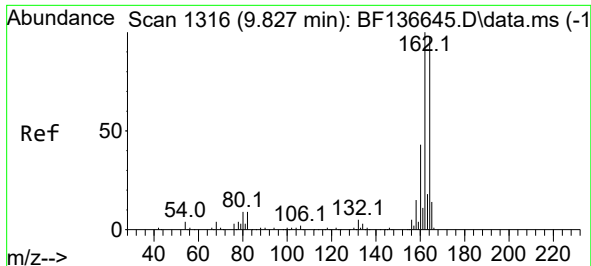
Tgt Ion:	105	Resp:	14844
Ion Ratio	Lower	Upper	
105	100		
71	24.5	4.8	7.2#
51	7.3	32.8	49.2#
120	0.0	17.0	25.6#



#23
Nitrobenzene-d5
Concen: 45.181 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Tgt Ion:	82	Resp:	198855
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.3	52.9
54	53.2	44.5	66.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

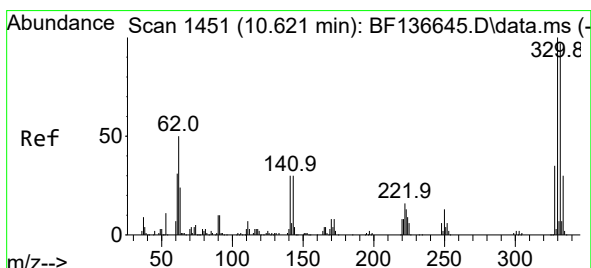
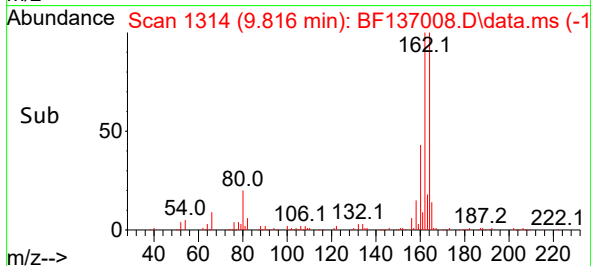
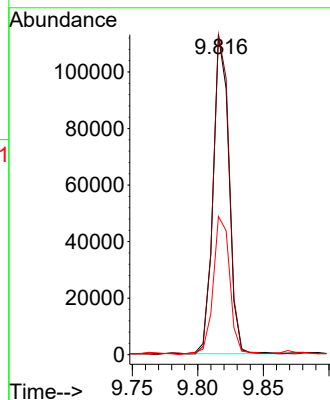
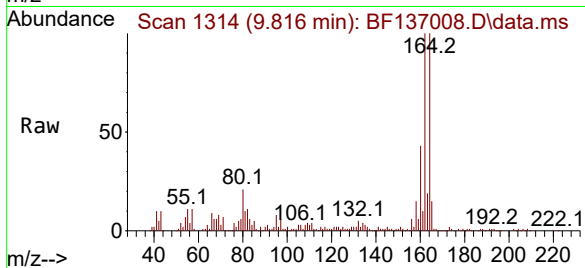
Tgt Ion:164 Resp: 94437

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

160 43.2 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 58.355 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

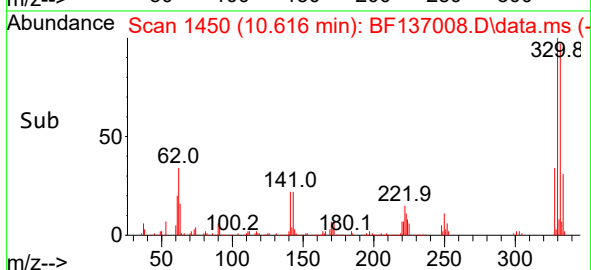
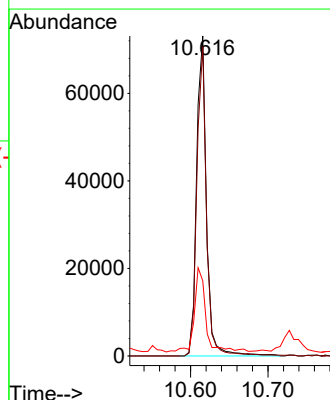
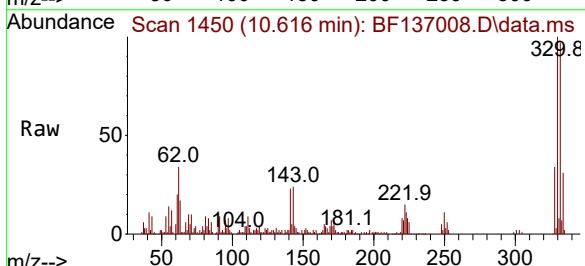
Tgt Ion:330 Resp: 64903

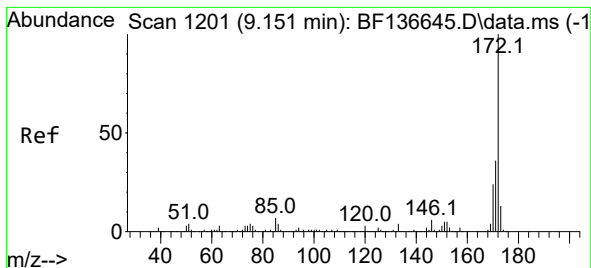
Ion Ratio Lower Upper

330 100

332 93.9 77.4 116.0

141 30.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 49.280 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

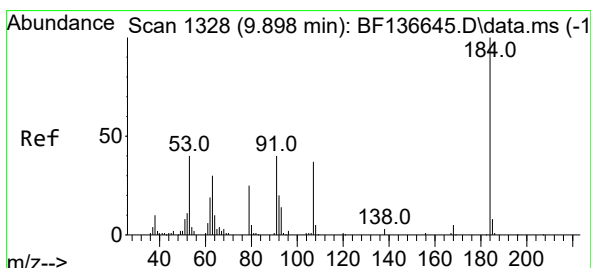
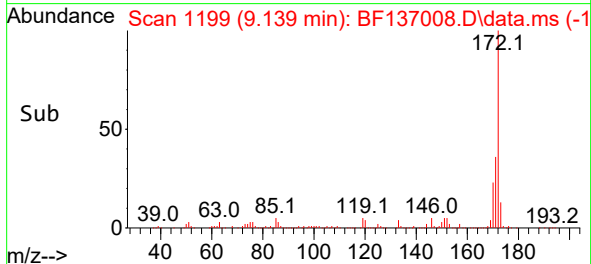
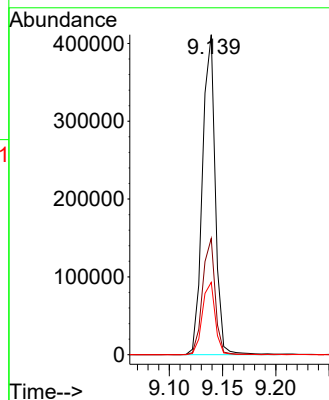
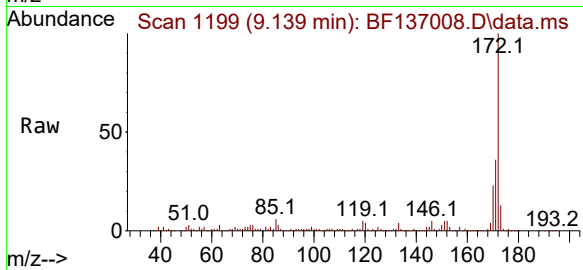
Tgt Ion:172 Resp: 346016

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 22.6 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.828 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.147 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

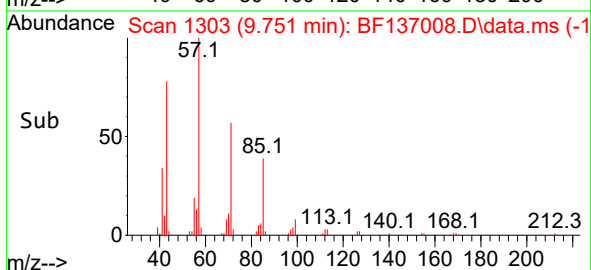
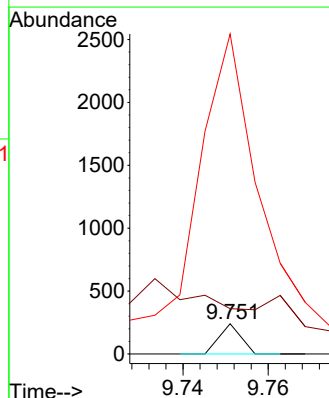
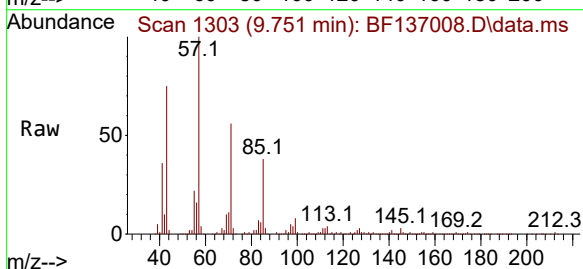
Tgt Ion:184 Resp: 85

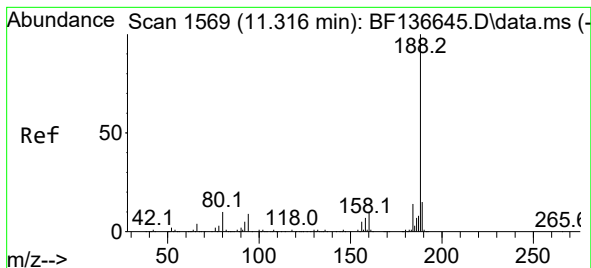
Ion Ratio Lower Upper

184 100

63 149.4 40.9 61.3#

154 1055.6 42.7 64.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

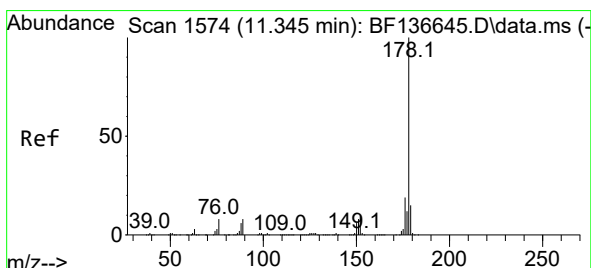
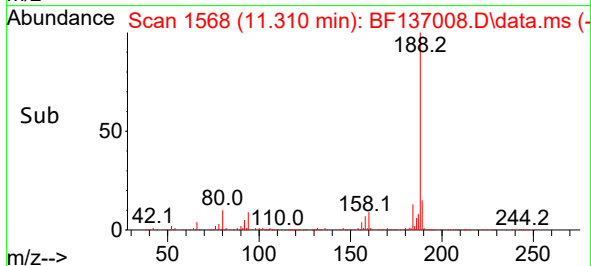
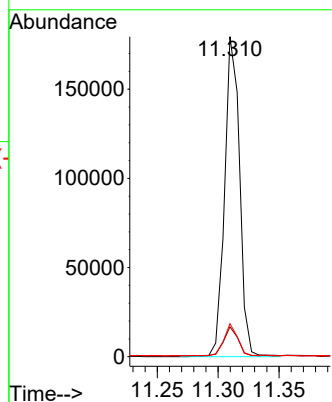
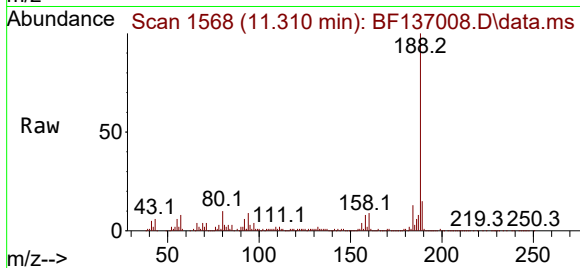
Tgt Ion:188 Resp: 153745

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.3 8.1 12.1



#71

Phenanthrene

Concen: 2.203 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

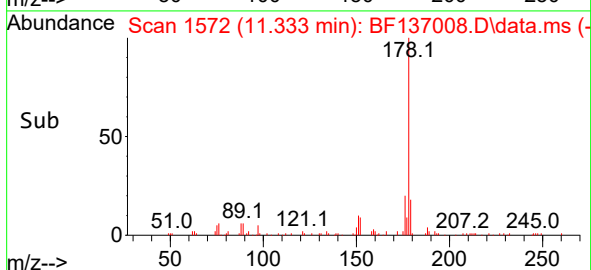
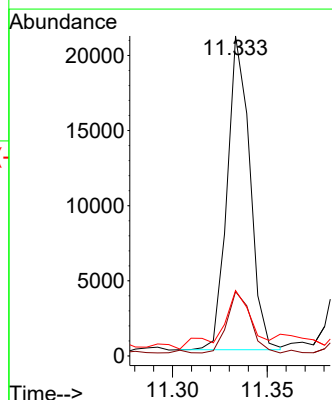
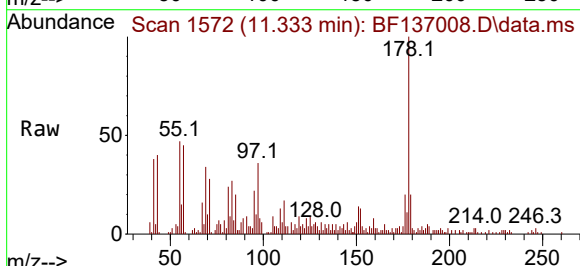
Tgt Ion:178 Resp: 17379

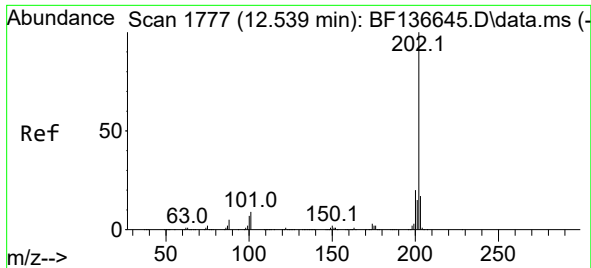
Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

179 20.5 11.9 17.9#

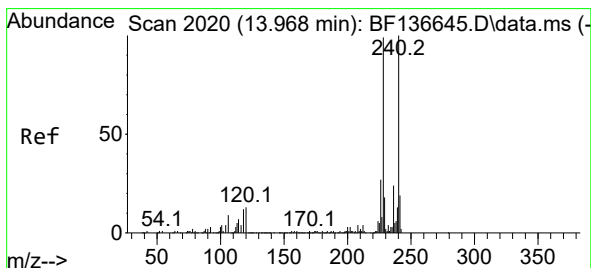
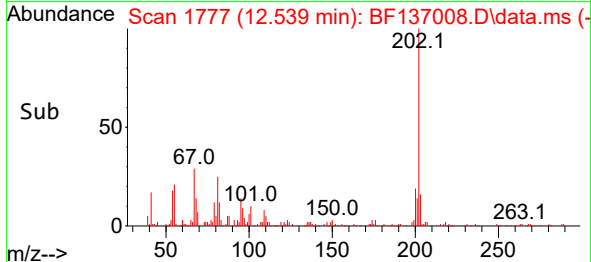
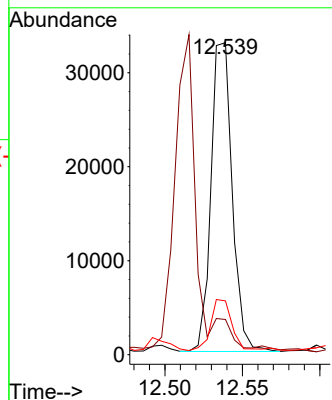
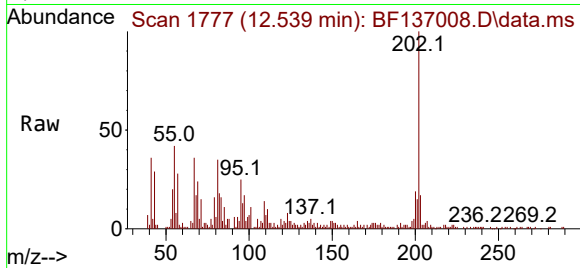




#75
Fluoranthene
Concen: 3.709 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

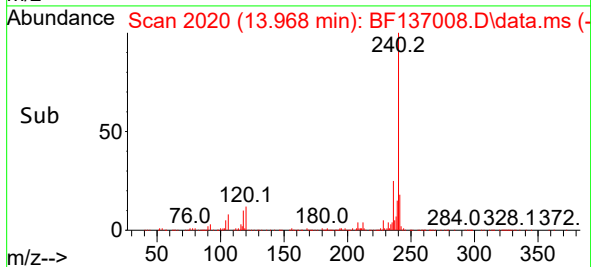
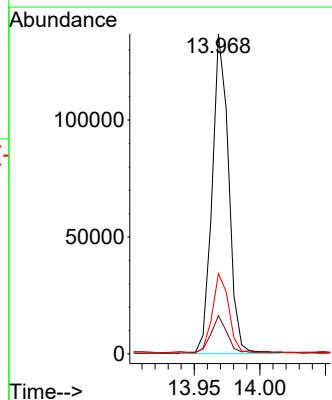
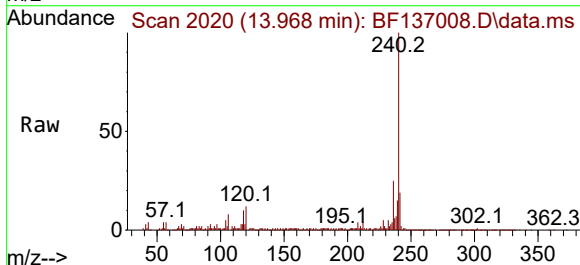
Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

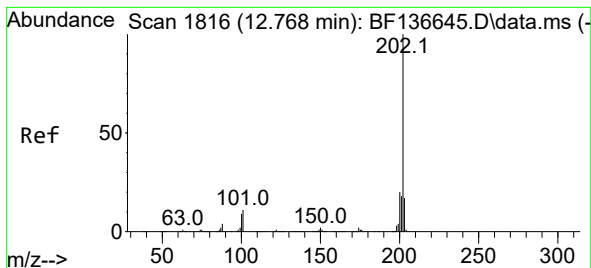
Tgt Ion:	202	Resp:	31297
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
203	17.2	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Tgt Ion:	240	Resp:	119234
Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.3	15.5
236	25.2	19.4	29.2





#78

Pyrene

Concen: 3.088 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

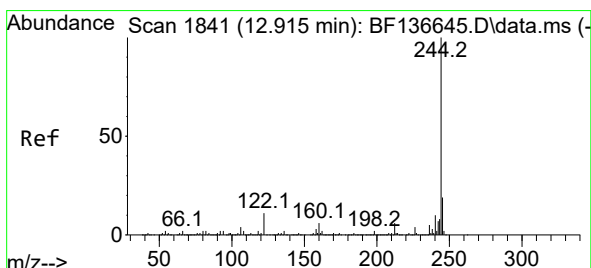
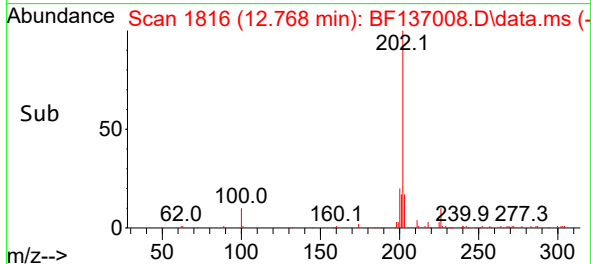
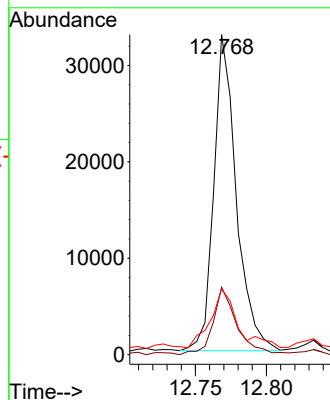
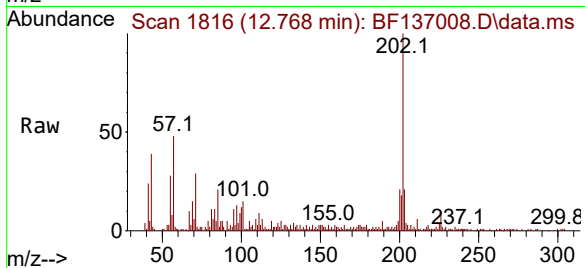
Tgt Ion:202 Resp: 36141

Ion Ratio Lower Upper

202 100

200 21.1 15.9 23.9

203 20.6 13.8 20.6



#79

Terphenyl-d14

Concen: 33.880 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

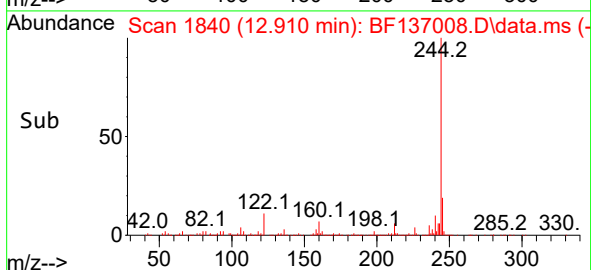
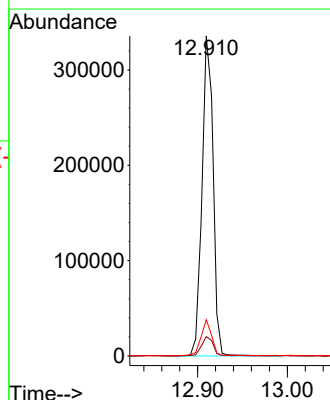
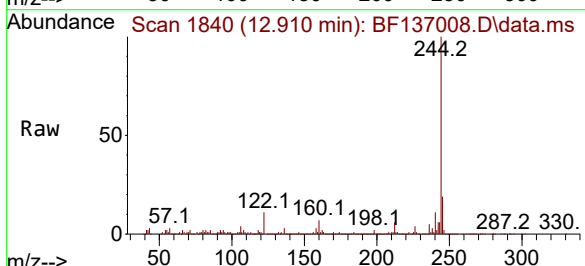
Tgt Ion:244 Resp: 289065

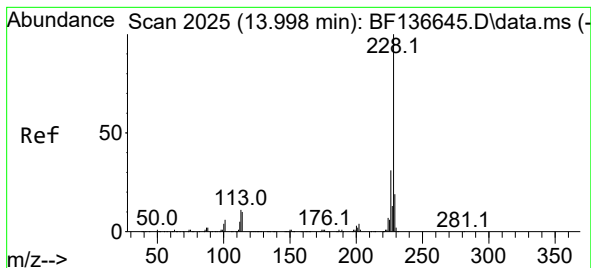
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.3 9.0 13.4





#83

Chrysene

Concen: 2.128 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

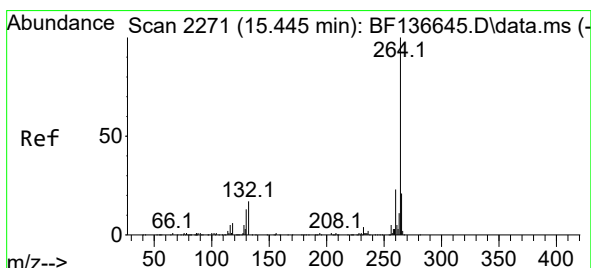
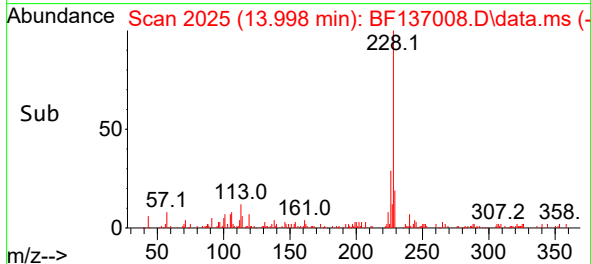
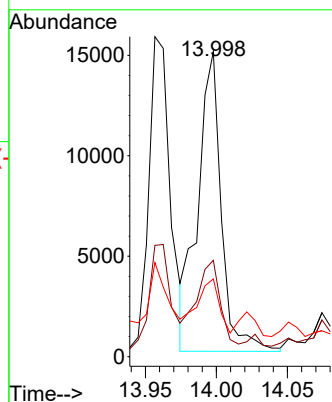
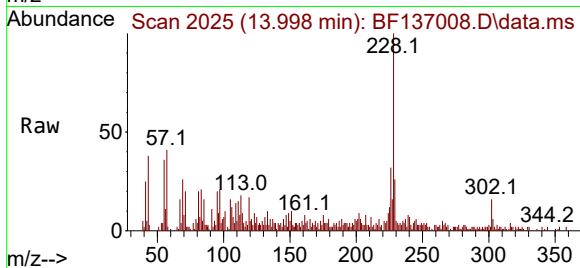
Tgt Ion:228 Resp: 17227

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

229 25.5 15.4 23.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

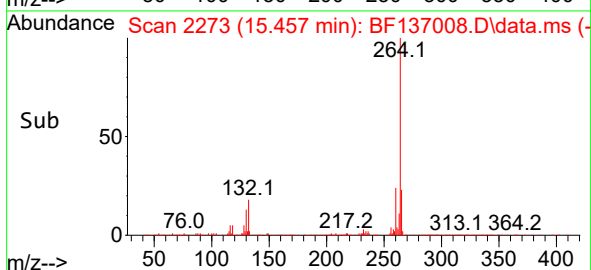
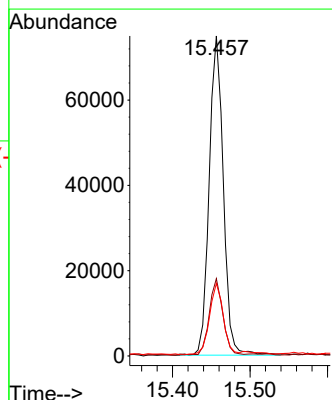
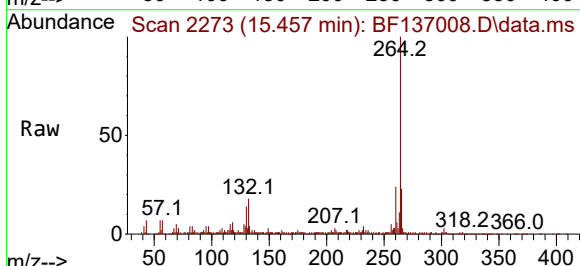
Tgt Ion:264 Resp: 94964

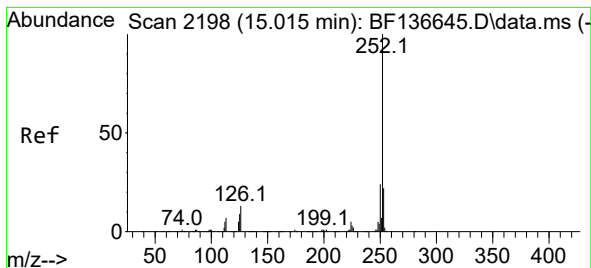
Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 22.7 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.091 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

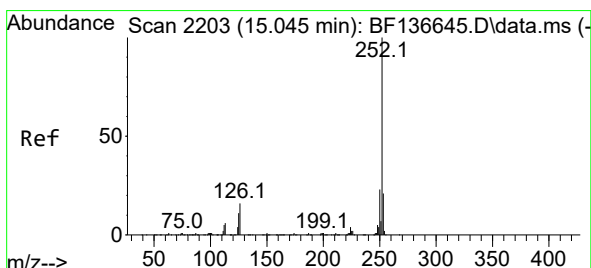
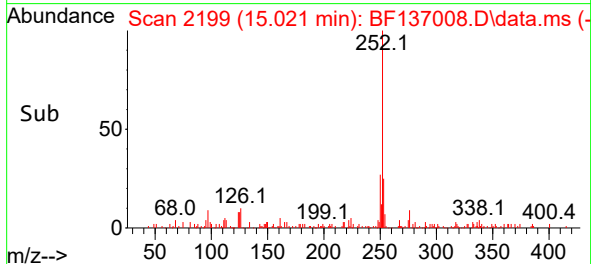
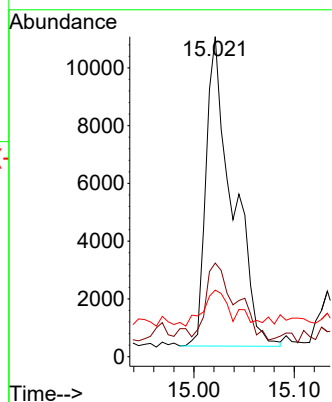
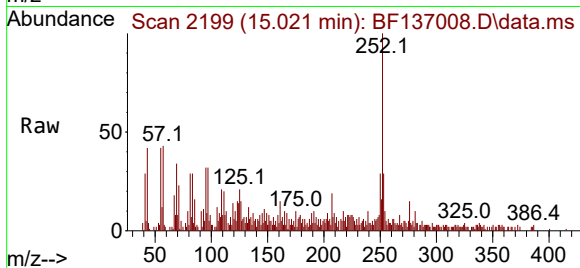
Tgt Ion:252 Resp: 19605

Ion Ratio Lower Upper

252 100

253 29.3 17.4 26.0#

125 20.8 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 3.271 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF137008.D

Acq: 08 Jan 2024 22:08

Tgt Ion:252 Resp: 19605

Ion Ratio Lower Upper

252 100

253 29.3 17.0 25.6#

125 20.8 8.2 12.4#

