

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137505.D
 Acq On : 05 Mar 2024 17:33
 Operator : CG\JU
 Sample : P1674-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1A

Quant Time: Mar 06 00:28:01 2024
 Quant Title :
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

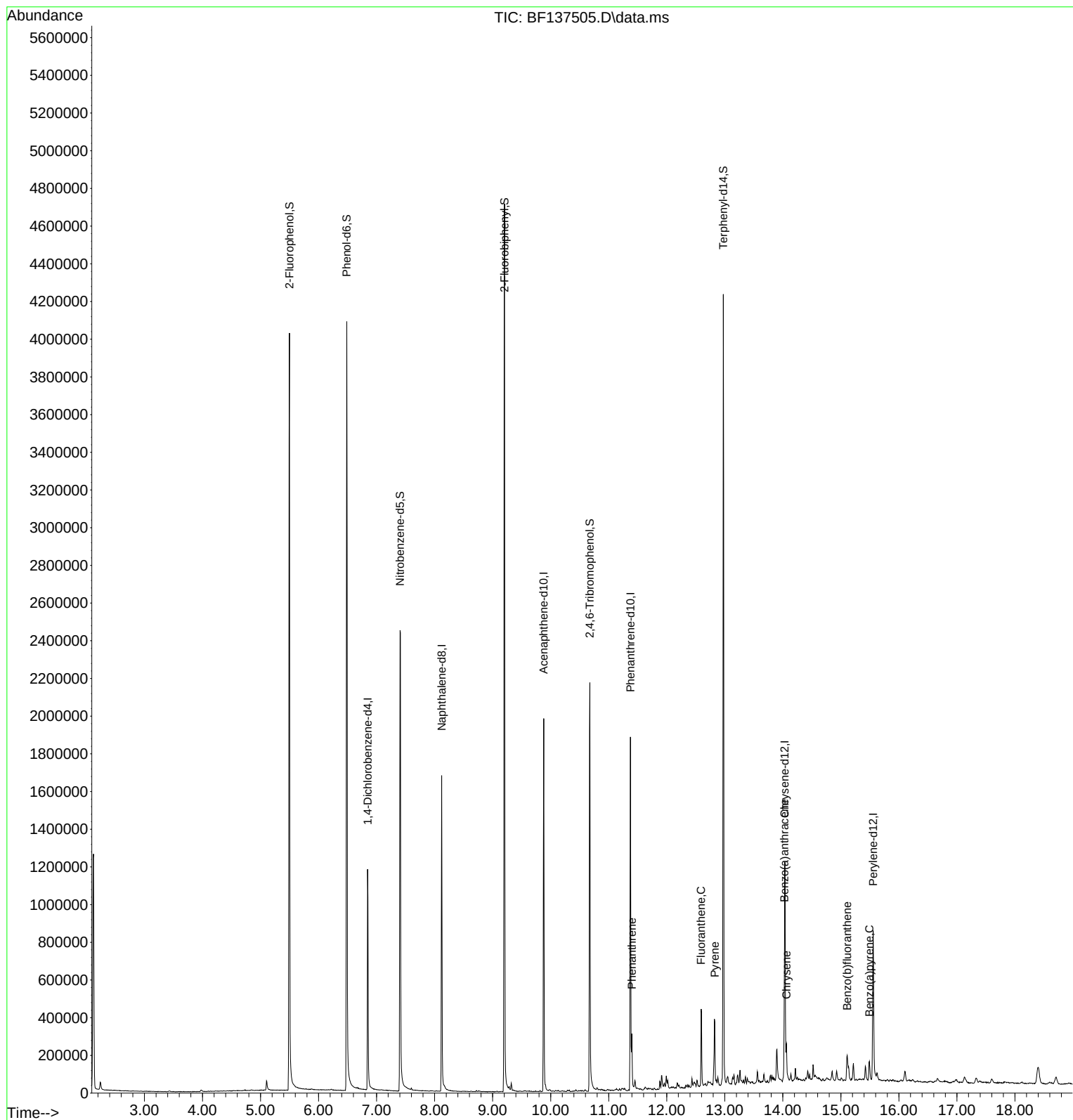
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	179317	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	692187	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	378764	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	637888	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	357083	20.000	ng	-0.02
86) Perylene-d12	15.557	264	382440	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1124031	94.937	ng	-0.01
7) Phenol-d6	6.487	99	1539827	90.100	ng	-0.02
23) Nitrobenzene-d5	7.404	82	929838	62.417	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	246743	74.182	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	1473785	60.909	ng	-0.01
79) Terphenyl-d14	12.974	244	1387498	53.432	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.398	178	99651	2.871	ng	98
75) Fluoranthene	12.592	202	173627	5.117	ng	100
78) Pyrene	12.827	202	151292	4.318	ng	98
81) Benzo(a)anthracene	14.027	228	87249	3.486	ng	99
83) Chrysene	14.063	228	81515	3.223	ng	97
88) Benzo(b)fluoranthene	15.109	252	79888m	3.531	ng	
90) Benzo(a)pyrene	15.492	252	51795	2.323	ng	98

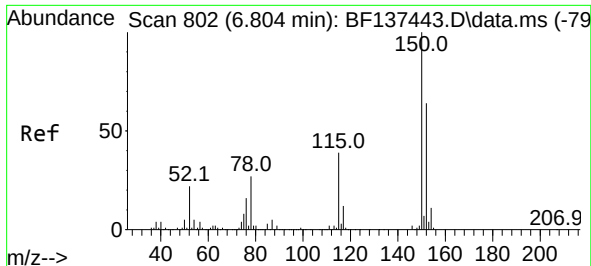
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
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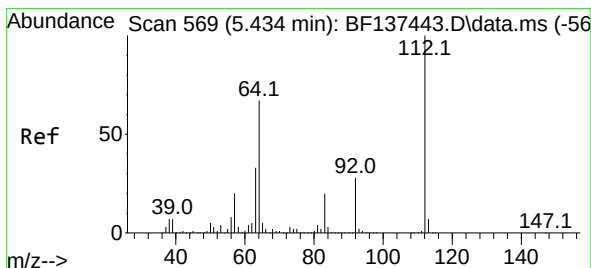
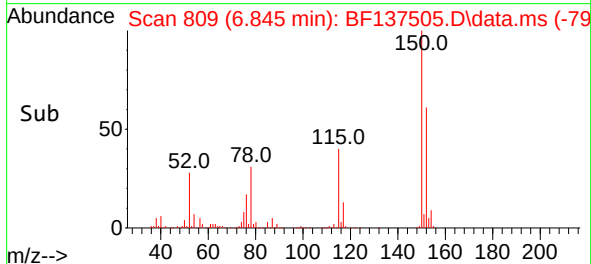
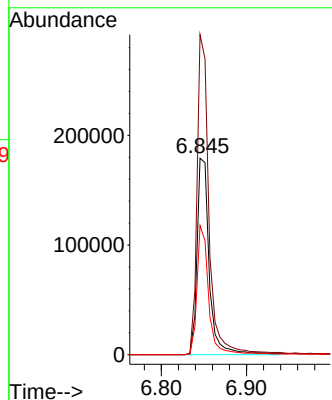
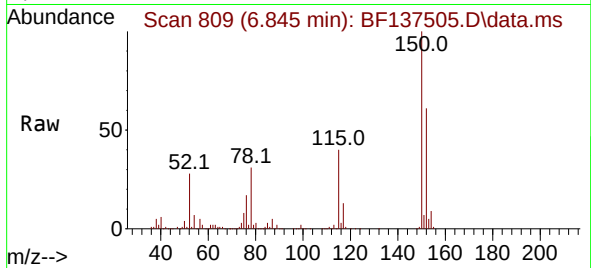




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 802
Delta R.T. -0.018 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

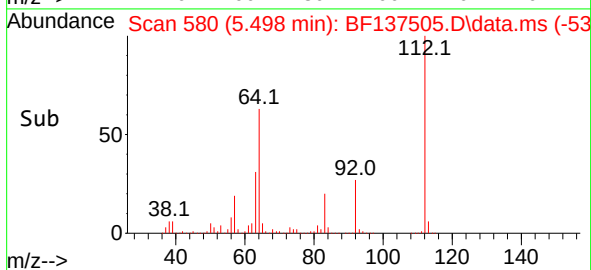
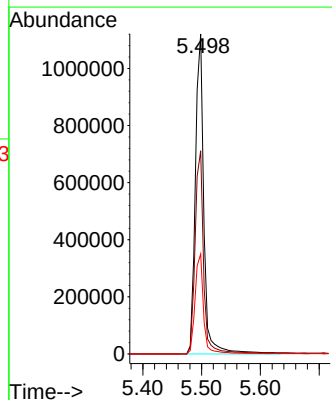
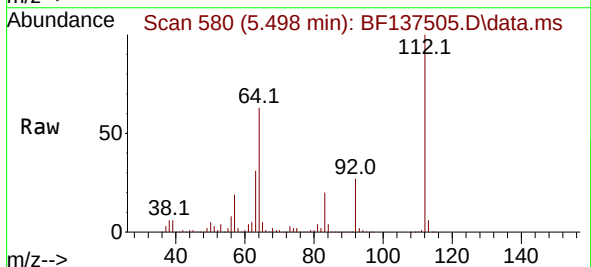
Instrument :
BNA_F
ClientSampleId :
1A

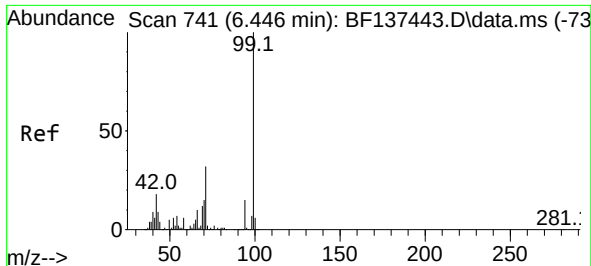
Tgt Ion:152 Resp: 179317
Ion Ratio Lower Upper
152 100
150 162.8 125.8 188.6
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 94.937 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

Tgt Ion:112 Resp: 1124031
Ion Ratio Lower Upper
112 100
64 63.5 53.4 80.2
63 31.3 26.2 39.2



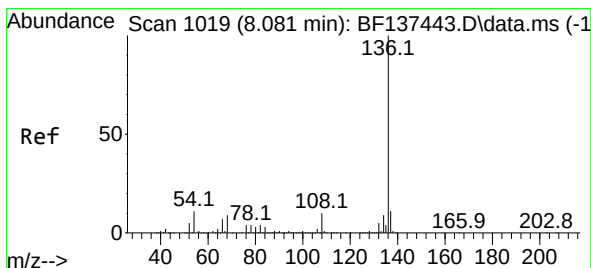
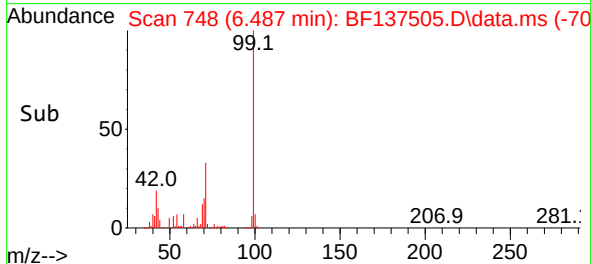
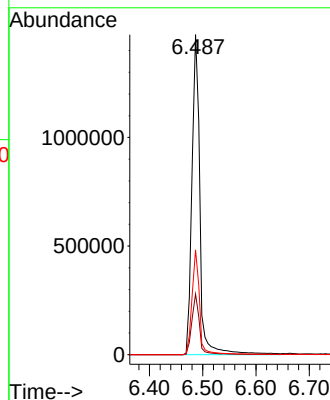
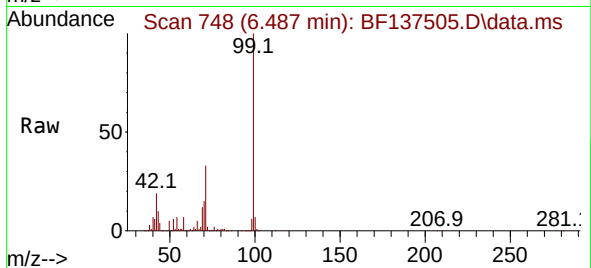


#7
Phenol-d6
Concen: 90.100 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

Instrument :
BNA_F
ClientSampleId :
1A

Tgt Ion: 99 Resp: 1539827

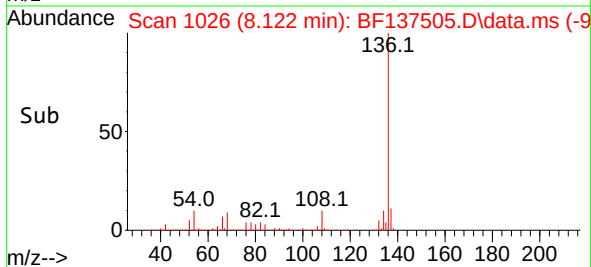
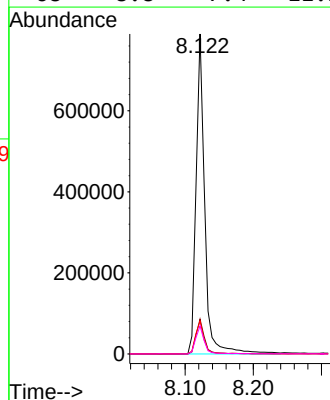
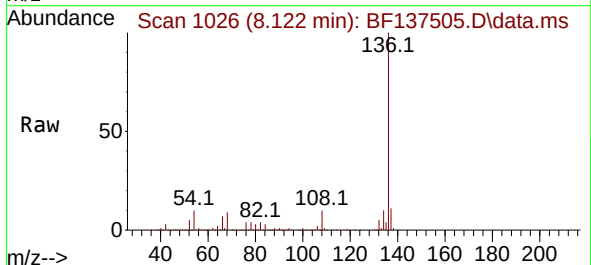
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	21.8
71	32.7	25.3	37.9

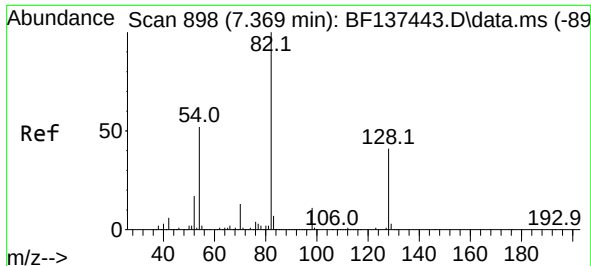


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

Tgt Ion: 136 Resp: 692187

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.3	8.5	12.7
68	8.8	7.4	11.2

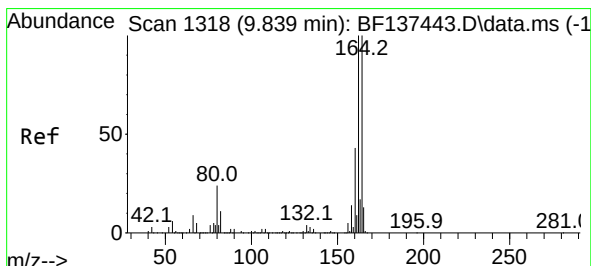
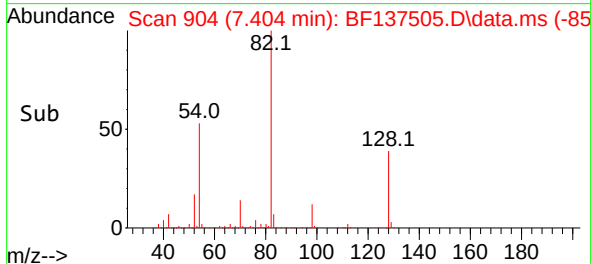
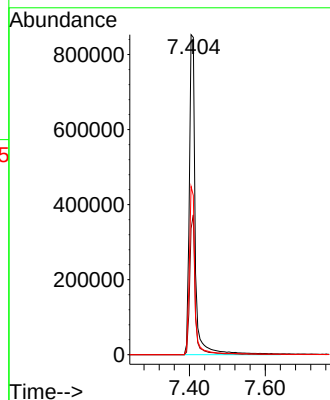
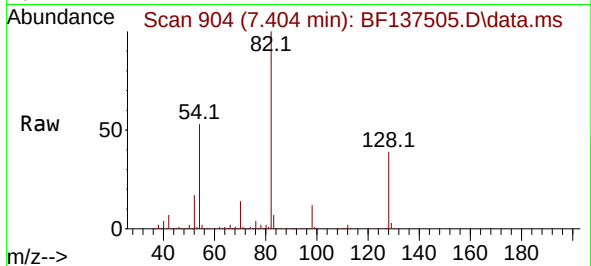




#23
Nitrobenzene-d5
Concen: 62.417 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.024 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

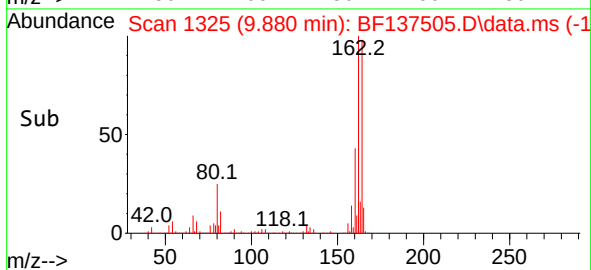
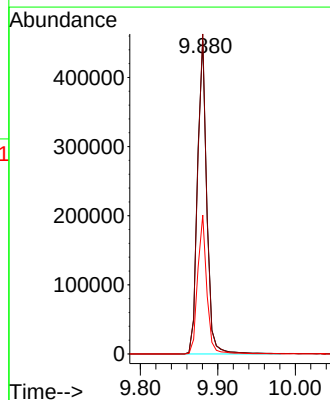
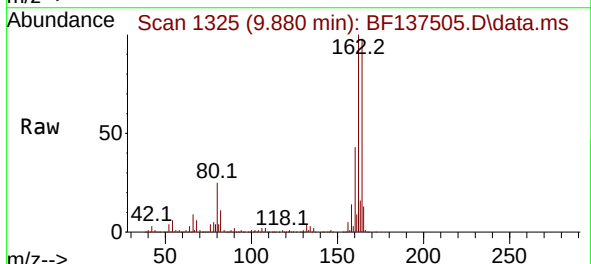
Instrument :
BNA_F
ClientSampleId :
1A

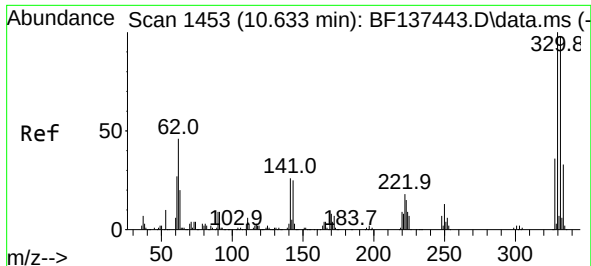
Tgt Ion: 82 Resp: 929838
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 52.5 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

Tgt Ion:164 Resp: 378764
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 74.182 ng

RT: 10.674 min Scan# 1453

Delta R.T. -0.018 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A

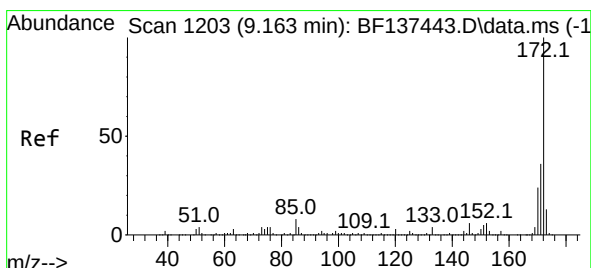
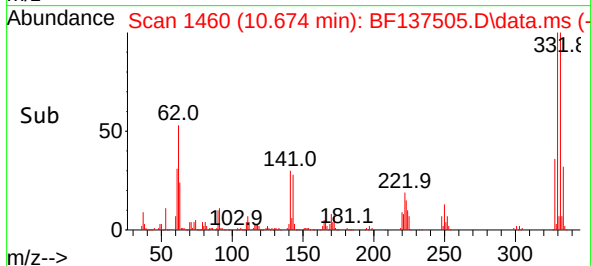
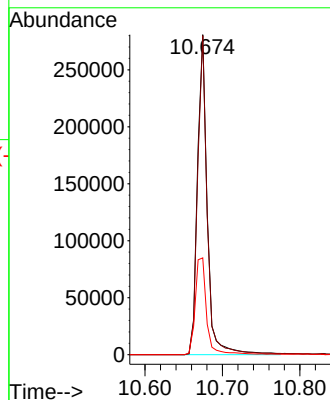
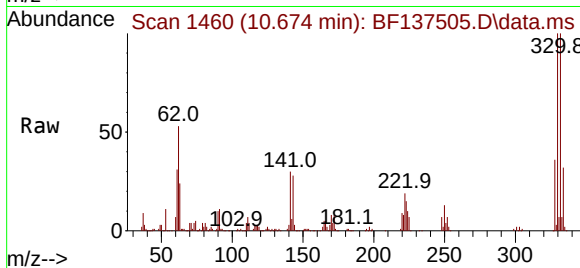
Tgt Ion:330 Resp: 246743

Ion Ratio Lower Upper

330 100

332 98.6 78.0 117.0

141 35.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 60.909 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

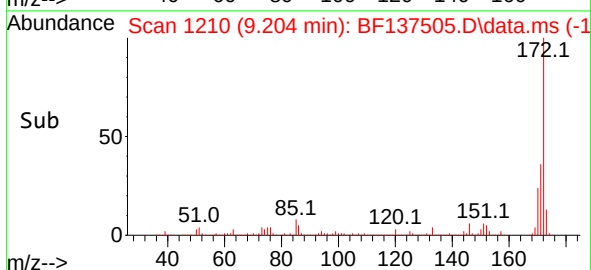
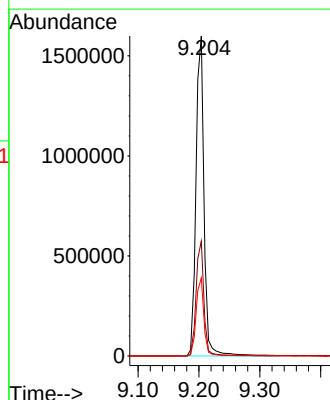
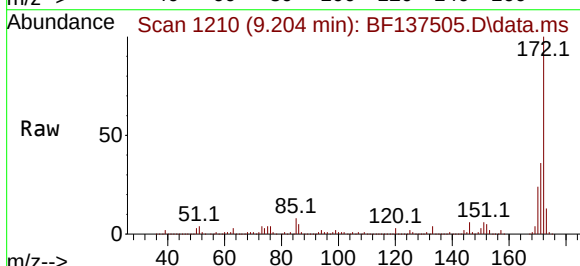
Tgt Ion:172 Resp: 1473785

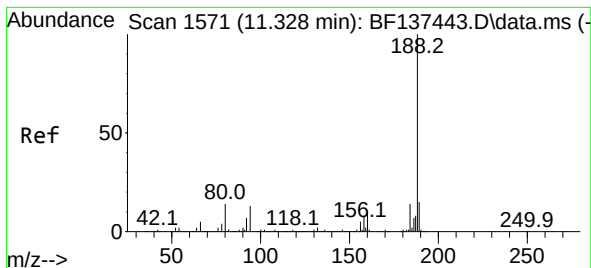
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A

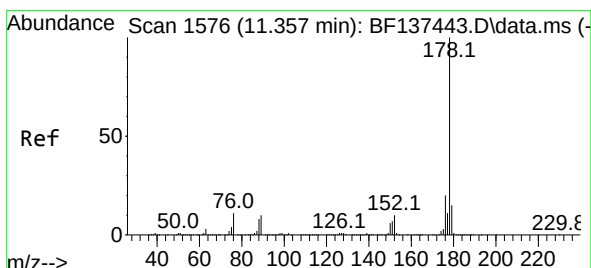
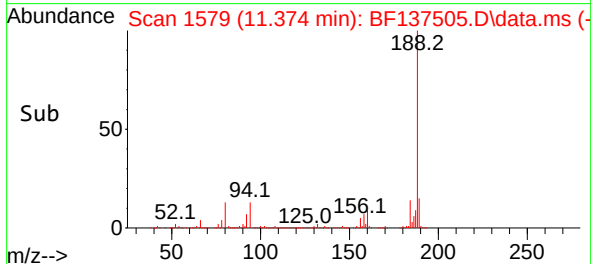
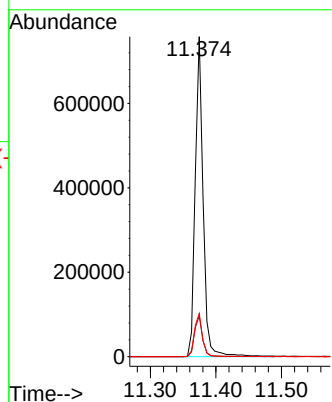
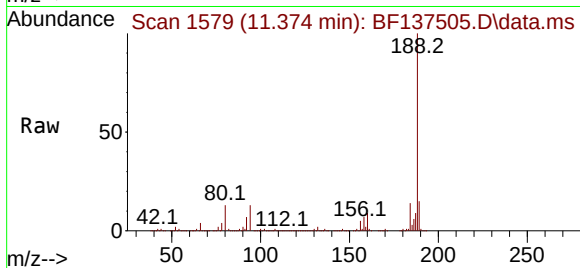
Tgt Ion:188 Resp: 637888

Ion Ratio Lower Upper

188 100

94 12.8 10.6 15.8

80 13.5 11.5 17.3



#71

Phenanthrene

Concen: 2.871 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.018 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

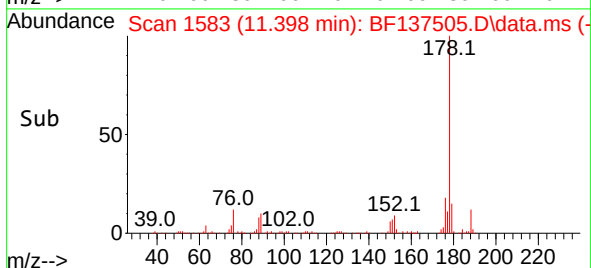
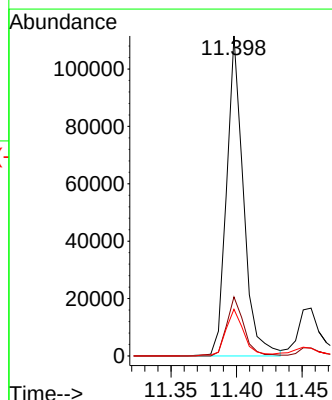
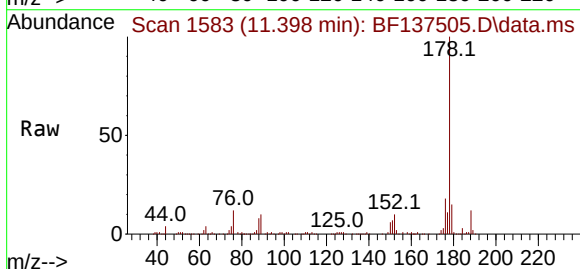
Tgt Ion:178 Resp: 99651

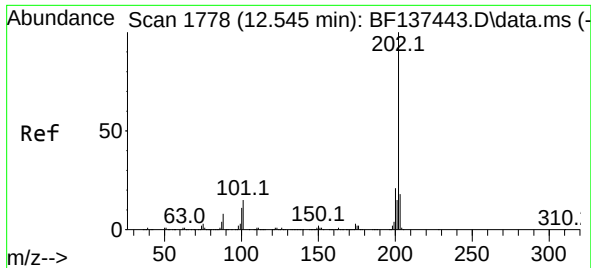
Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

179 14.6 12.2 18.2

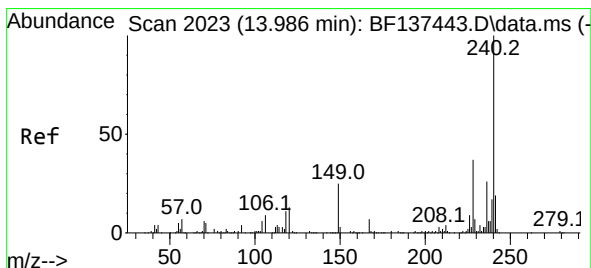
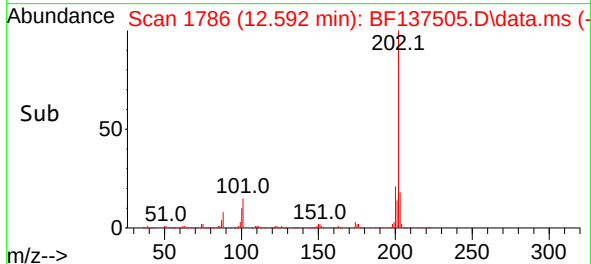
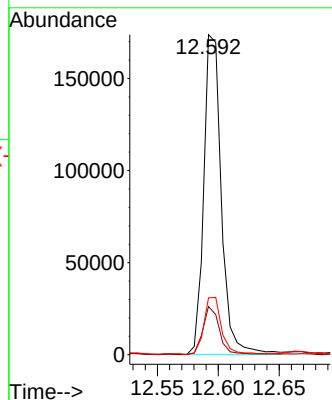
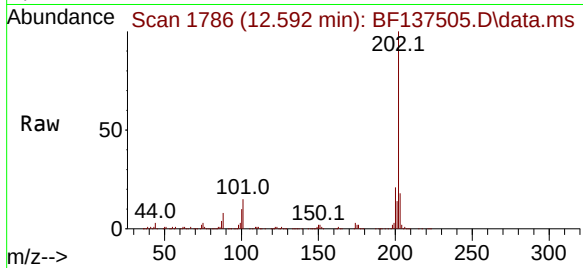




#75
Fluoranthene
Concen: 5.117 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.018 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

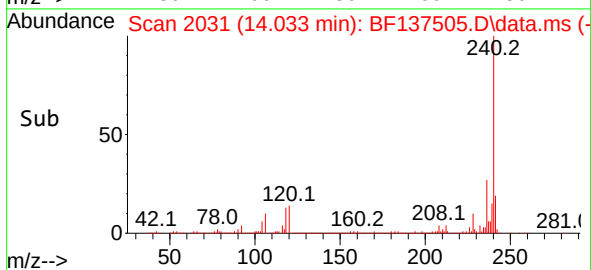
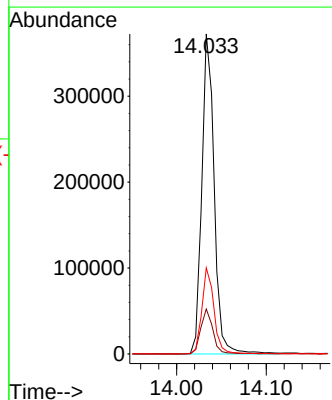
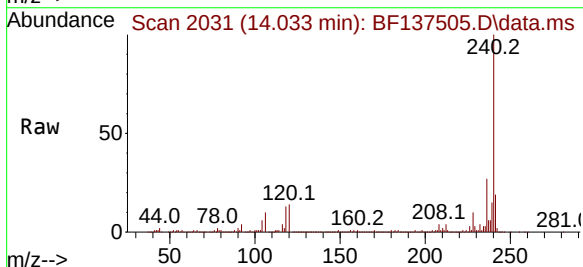
Instrument :
BNA_F
ClientSampleId :
1A

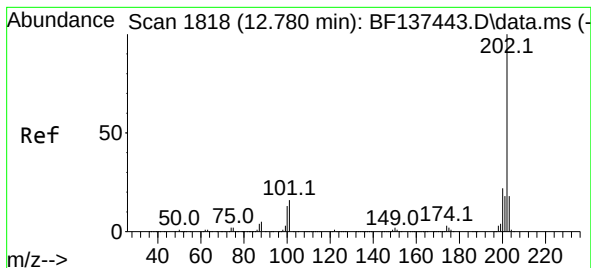
Tgt Ion:202 Resp: 173627
Ion Ratio Lower Upper
202 100
101 15.1 0.0 35.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF137505.D
Acq: 05 Mar 2024 17:33

Tgt Ion:240 Resp: 357083
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 26.9 20.9 31.3





#78

Pyrene

Concen: 4.318 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A

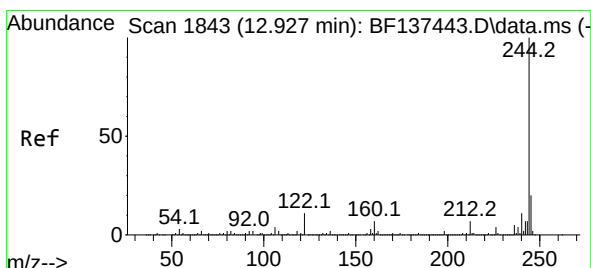
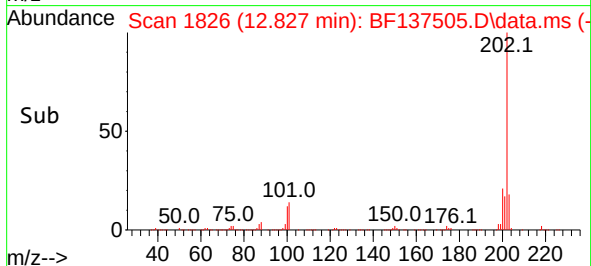
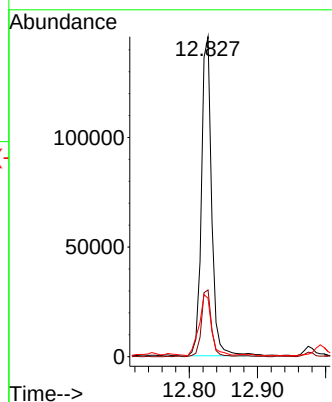
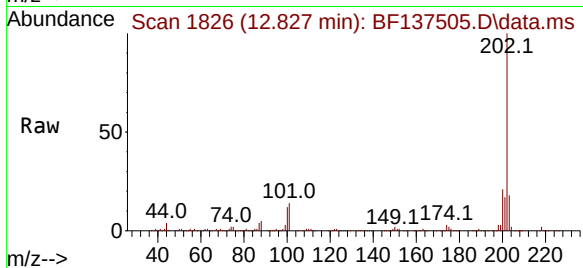
Tgt Ion:202 Resp: 151292

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

203 18.3 14.1 21.1



#79

Terphenyl-d14

Concen: 53.432 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.018 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

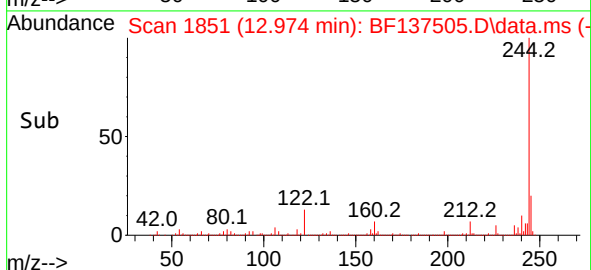
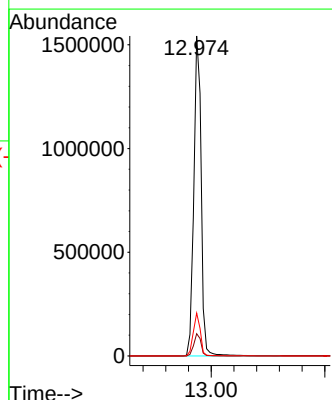
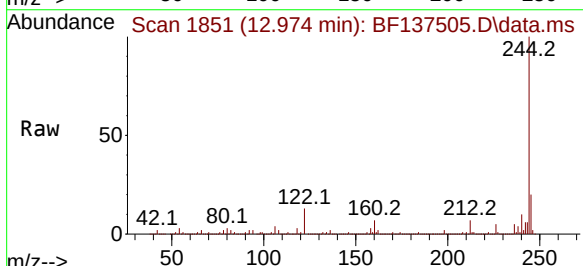
Tgt Ion:244 Resp: 1387498

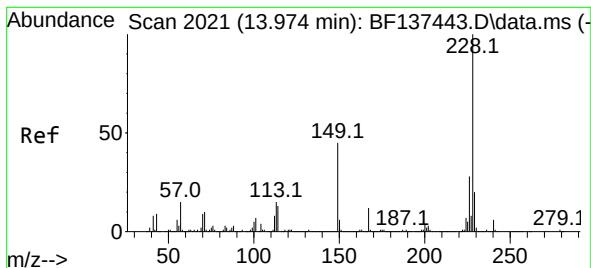
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 13.4 9.1 13.7





#81

Benzo(a)anthracene

Concen: 3.486 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A

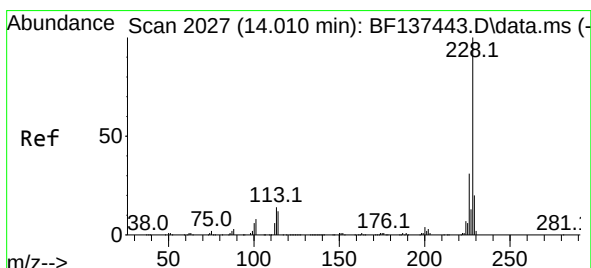
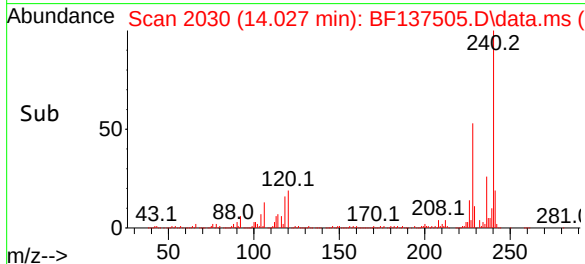
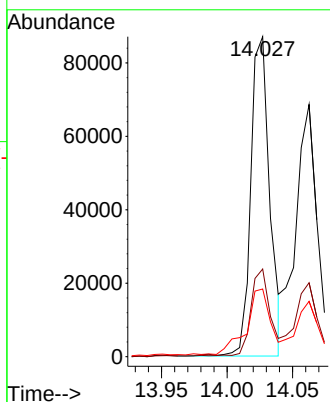
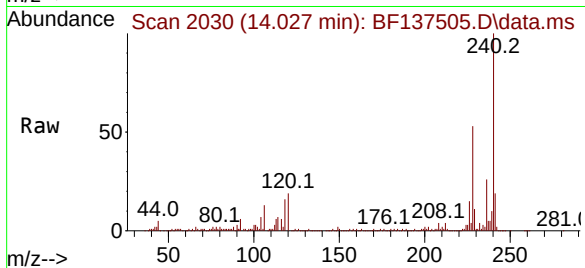
Tgt Ion:228 Resp: 87249

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 21.1 16.3 24.5



#83

Chrysene

Concen: 3.223 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.018 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

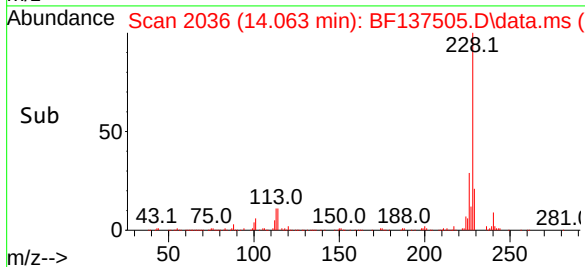
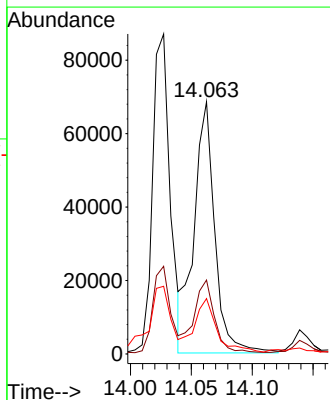
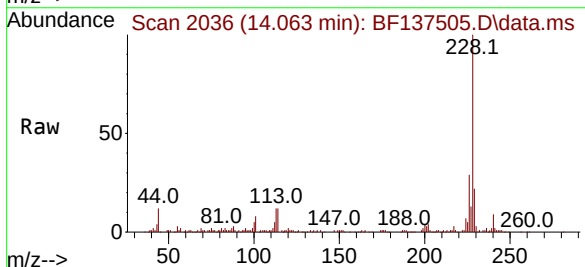
Tgt Ion:228 Resp: 81515

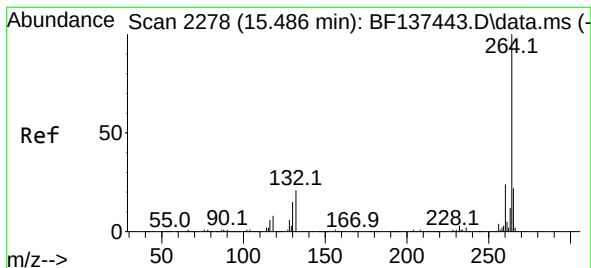
Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 22.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A

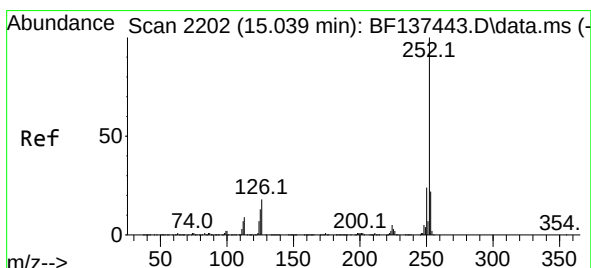
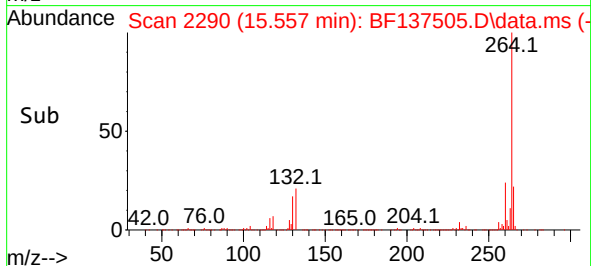
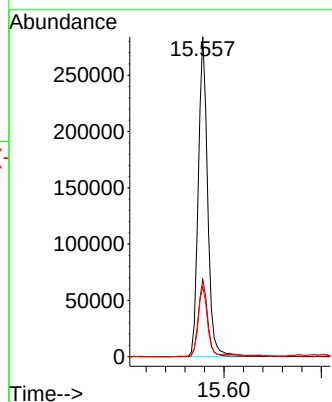
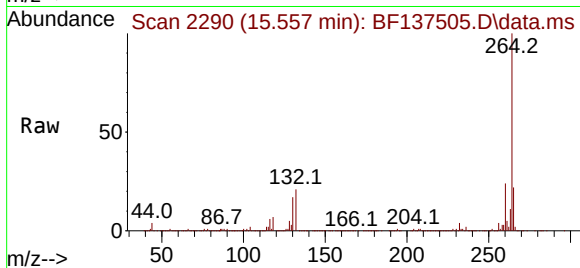
Tgt Ion:264 Resp: 382440

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.9 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 3.531 ng m

RT: 15.109 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF137505.D

Acq: 05 Mar 2024 17:33

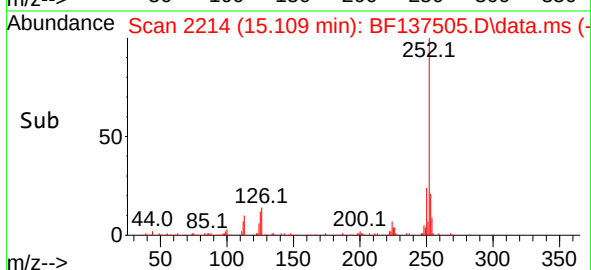
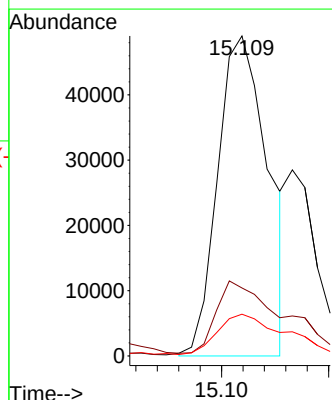
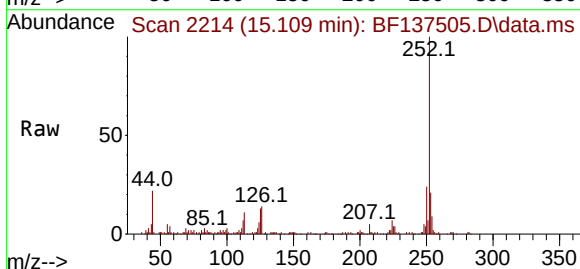
Tgt Ion:252 Resp: 79888

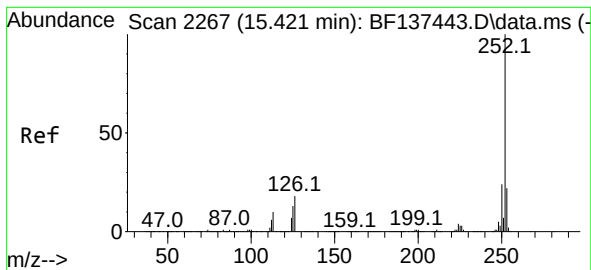
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 13.1 10.1 15.1





#90

Benzo(a)pyrene

Concen: 2.323 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137505.D

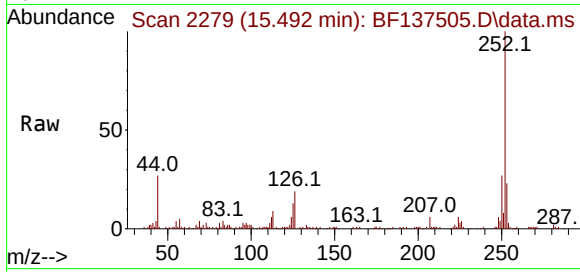
Acq: 05 Mar 2024 17:33

Instrument :

BNA_F

ClientSampleId :

1A



Tgt Ion:252 Resp: 51795

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 13.0 10.4 15.6

