

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137781.D
 Acq On : 30 Apr 2024 20:35
 Operator : CG\JU
 Sample : P2310-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-042924

Quant Time: May 01 04:26:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

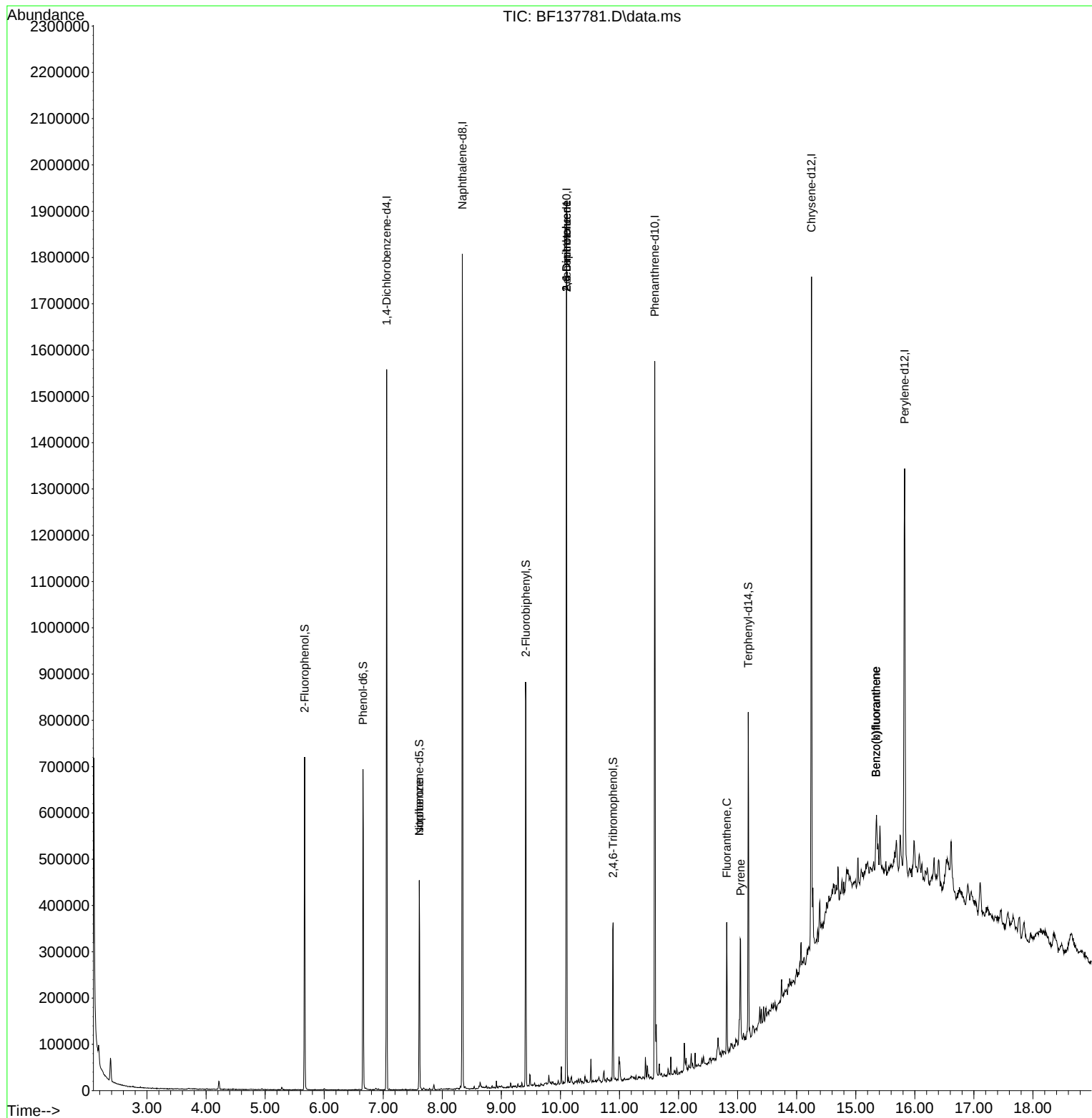
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	205463	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	761070	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	356114	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	500791	20.000	ng	0.00
76) Chrysene-d12	14.251	240	458334	20.000	ng	0.00
86) Perylene-d12	15.827	264	413072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	177825	14.491	ng	0.00
7) Phenol-d6	6.657	99	221896	14.256	ng	-0.02
23) Nitrobenzene-d5	7.610	82	124464	9.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	41248	11.344	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	265172	12.081	ng	0.00
79) Terphenyl-d14	13.180	244	225325	8.239	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.610	82	124462	5.270	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	47849	9.313	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	47849	7.129	ng	# 26
75) Fluoranthene	12.816	202	98965	3.709	ng	98
78) Pyrene	13.051	202	89467	2.462	ng	99
88) Benzo(b)fluoranthene	15.345	252	76725	2.985	ng	# 88
89) Benzo(k)fluoranthene	15.345	252	76725	3.089	ng	# 89

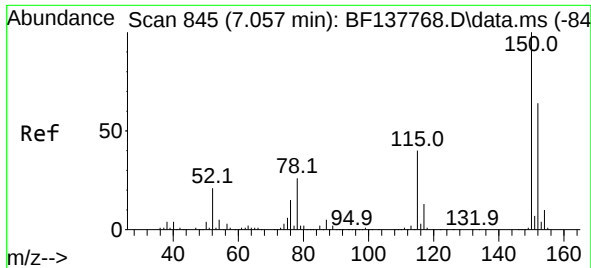
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137781.D
Acq On : 30 Apr 2024 20:35
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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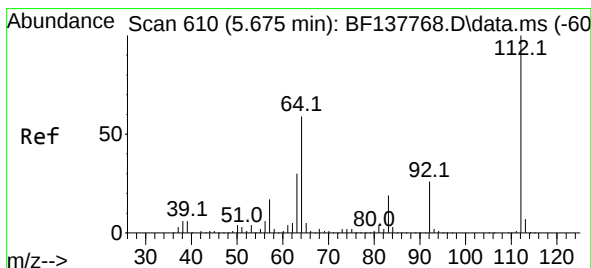
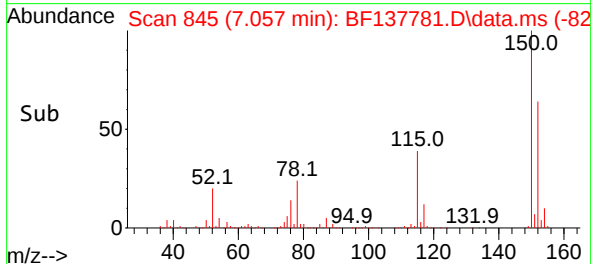
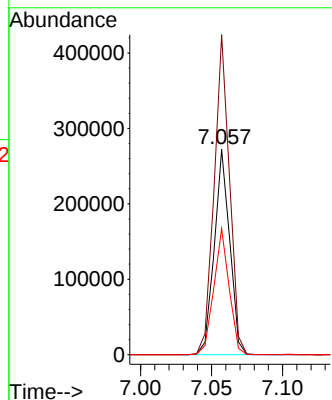
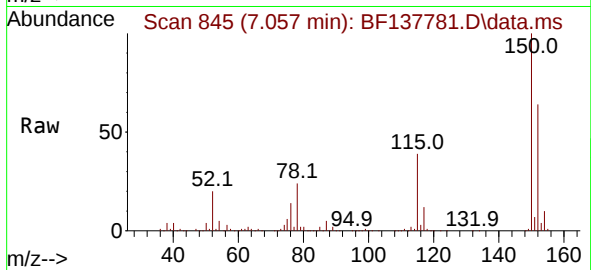




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

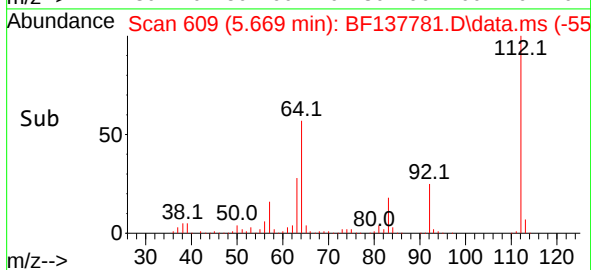
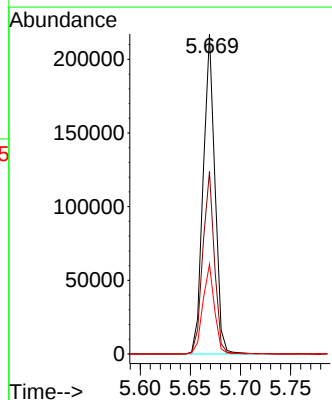
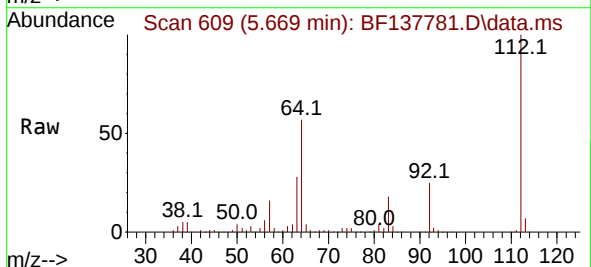
Instrument :
BNA_F
ClientSampleId :
SU-03-042924

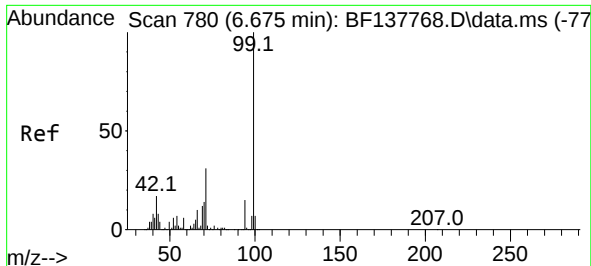
Tgt Ion:152 Resp: 205463
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 61.4 49.1 73.7



#5
2-Fluorophenol
Concen: 14.491 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

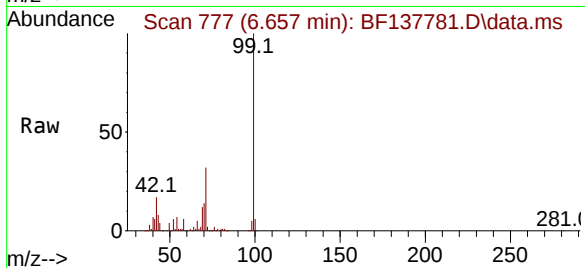
Tgt Ion:112 Resp: 177825
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 28.0 23.7 35.5





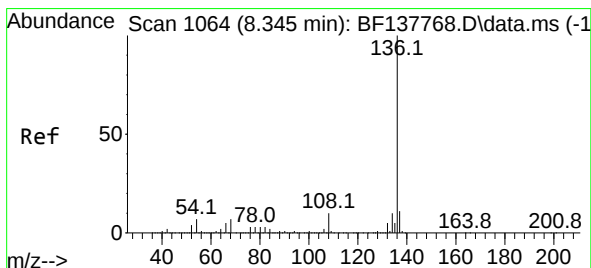
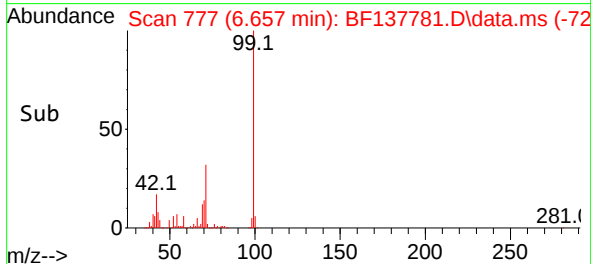
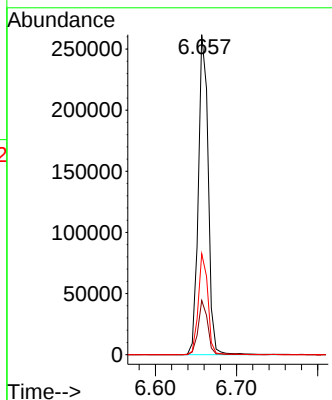
#7
Phenol-d6
Concen: 14.256 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :
BNA_F
ClientSampleId :
SU-03-042924



Tgt Ion: 99 Resp: 221896

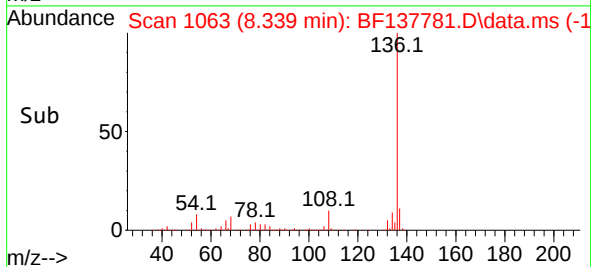
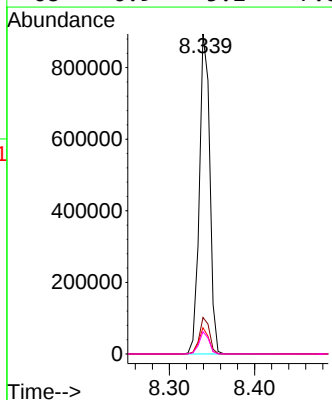
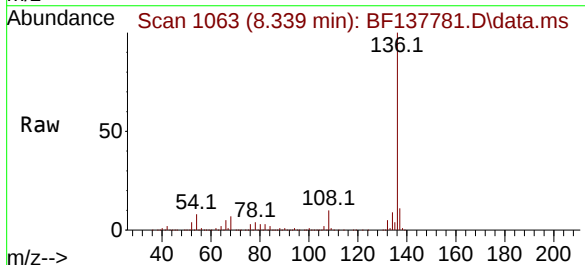
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.2	19.8
71	31.5	25.0	37.4

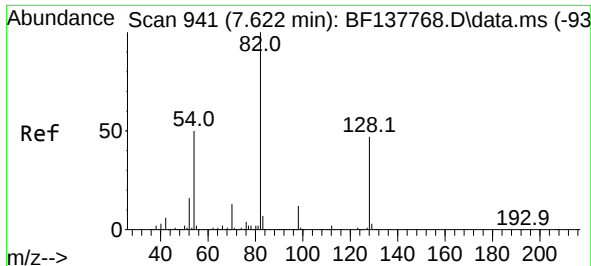


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion: 136 Resp: 761070

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	5.8	8.8
68	6.9	5.2	7.8

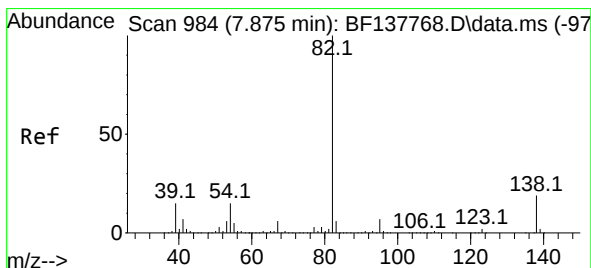
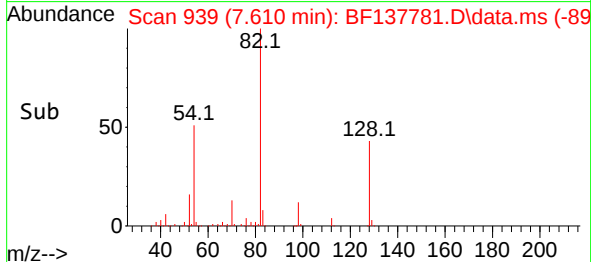
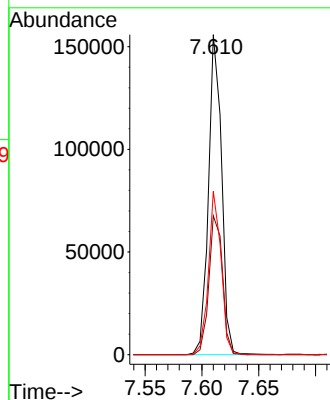
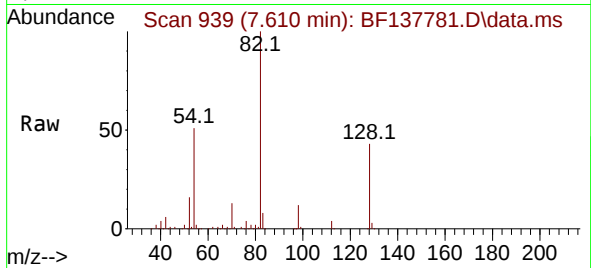




#23
Nitrobenzene-d5
Concen: 9.501 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

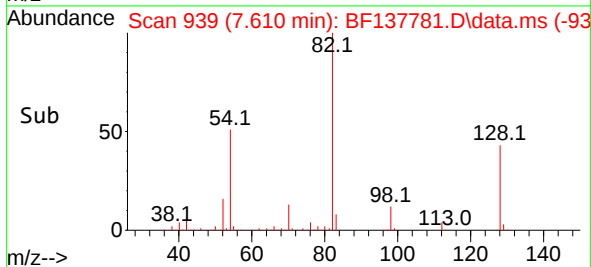
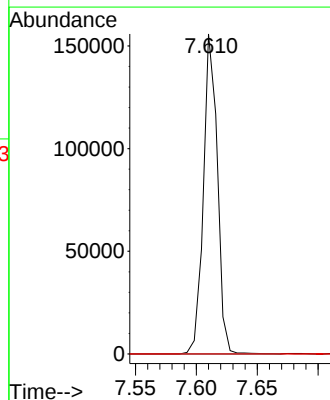
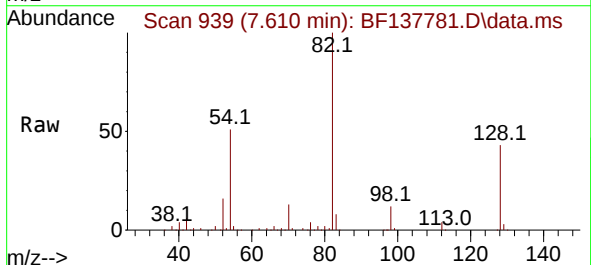
Instrument :
BNA_F
ClientSampleId :
SU-03-042924

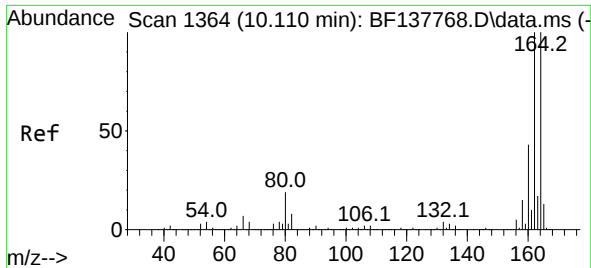
Tgt Ion: 82 Resp: 124464
Ion Ratio Lower Upper
82 100
128 43.4 37.5 56.3
54 51.0 39.8 59.6



#25
Isophorone
Concen: 5.270 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.265 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion: 82 Resp: 124462
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

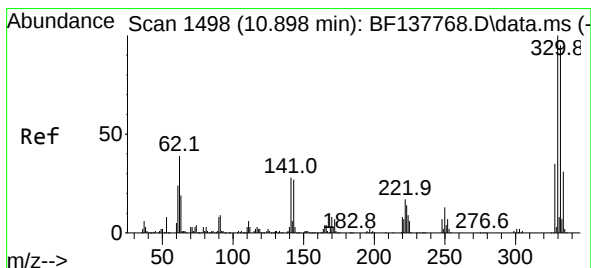
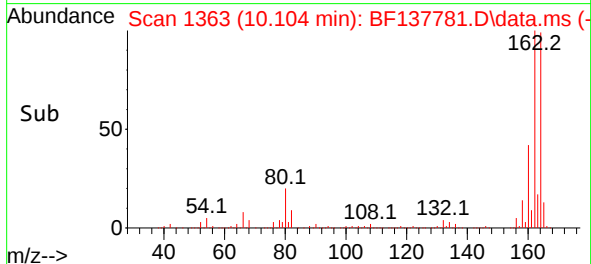
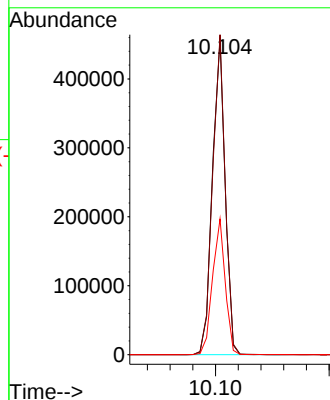
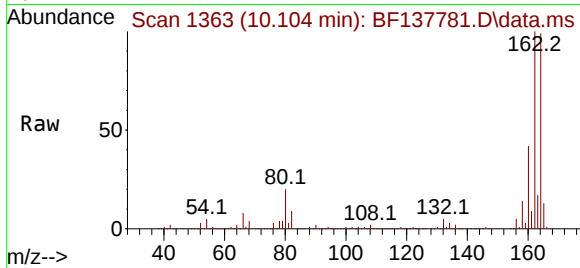




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

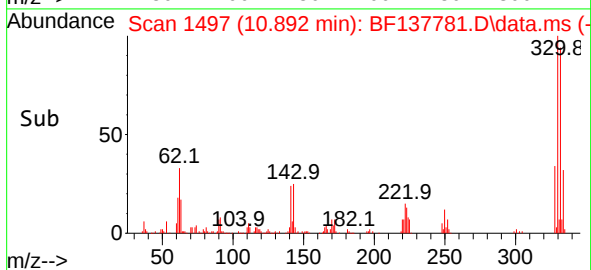
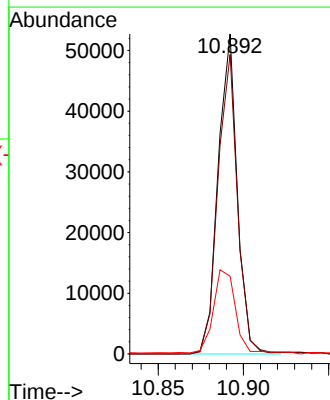
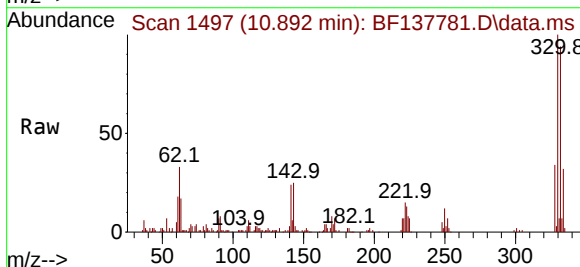
Instrument :
BNA_F
ClientSampleId :
SU-03-042924

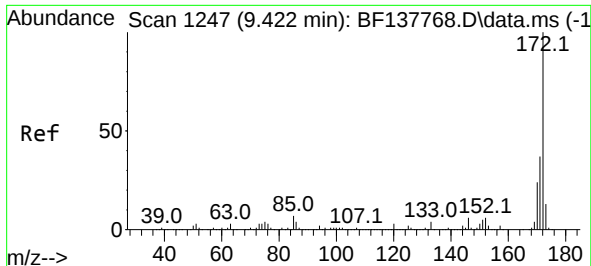
Tgt Ion:164 Resp: 356114
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.6
160 43.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 11.344 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion:330 Resp: 41248
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 31.4 23.8 35.6

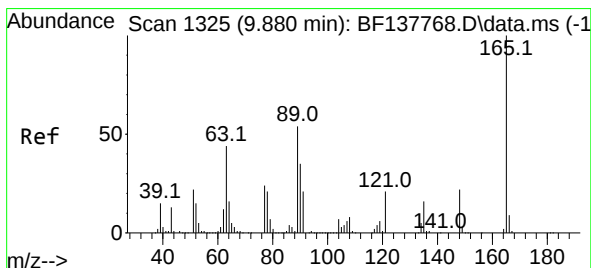
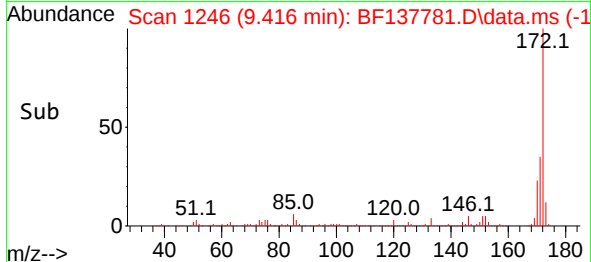
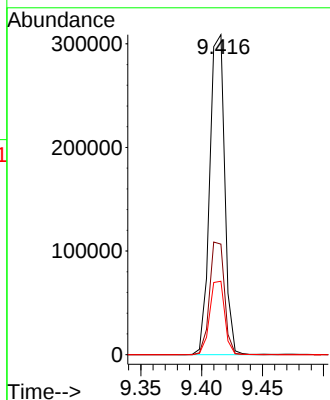
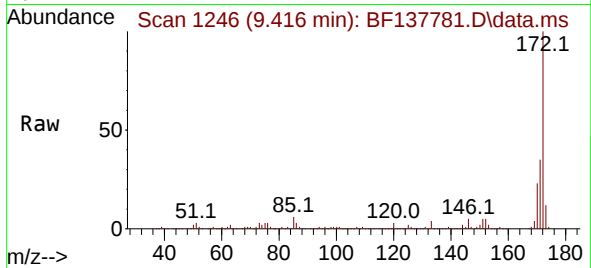




#45
2-Fluorobiphenyl
Concen: 12.081 ng
RT: 9.416 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

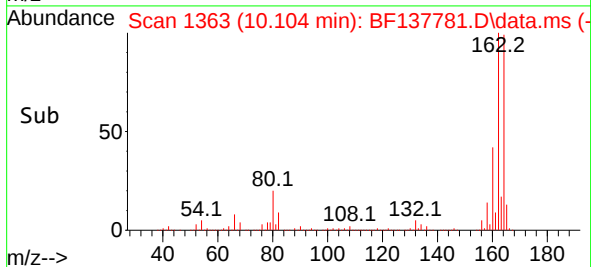
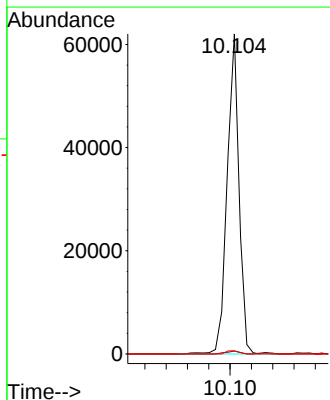
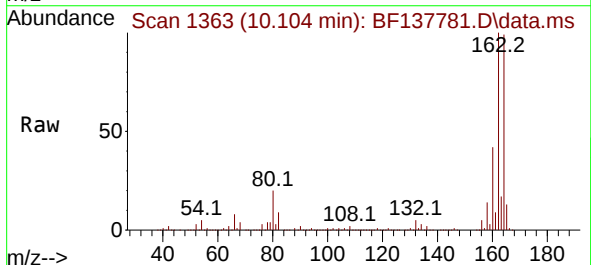
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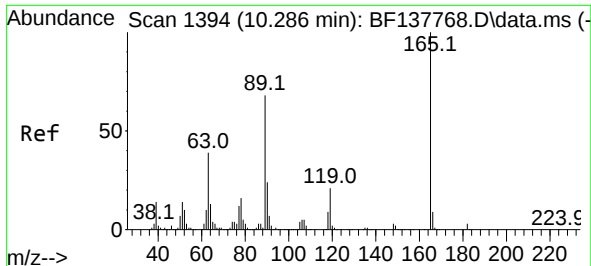
Tgt Ion:172 Resp: 265172
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 22.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 9.313 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.223 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

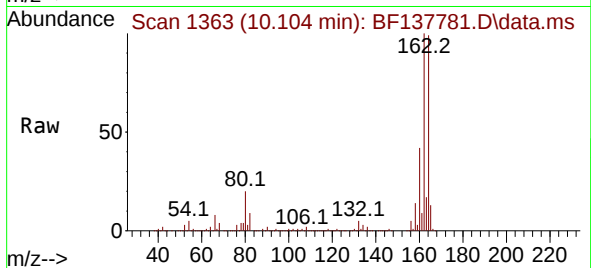
Tgt Ion:165 Resp: 47849
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.0 43.2 64.8#



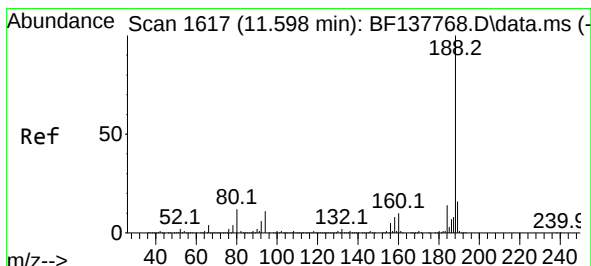
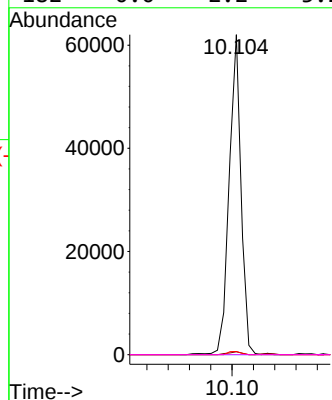
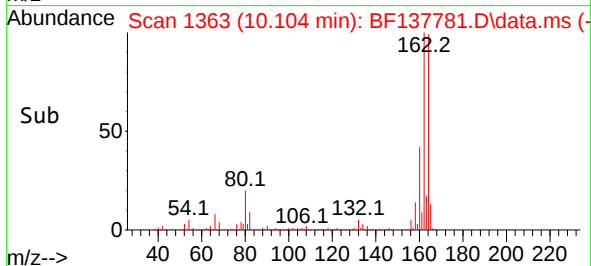


#57
2,4-Dinitrotoluene
Concen: 7.129 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :
BNA_F
ClientSampleId :
SU-03-042924

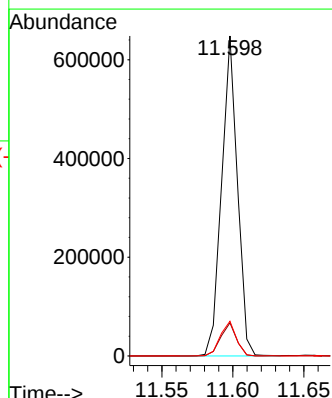
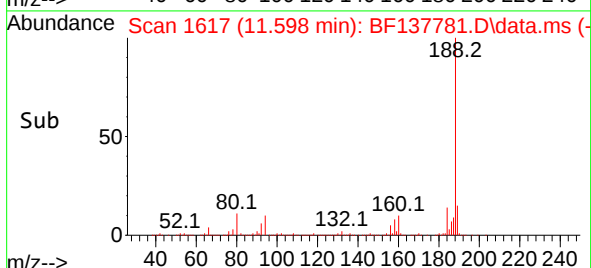
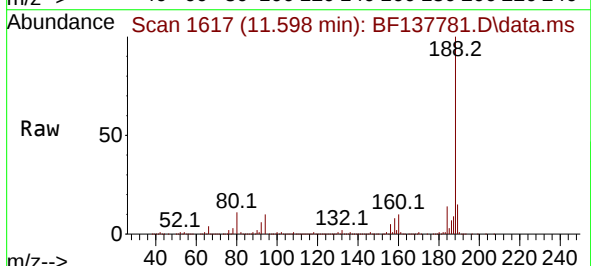


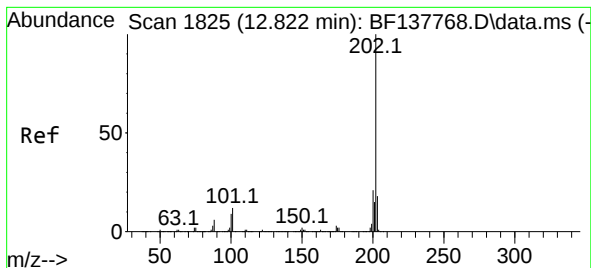
Tgt Ion:165 Resp: 47849
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.0 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion:188 Resp: 500791
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.8 9.6 14.4





#75

Fluoranthene

Concen: 3.709 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

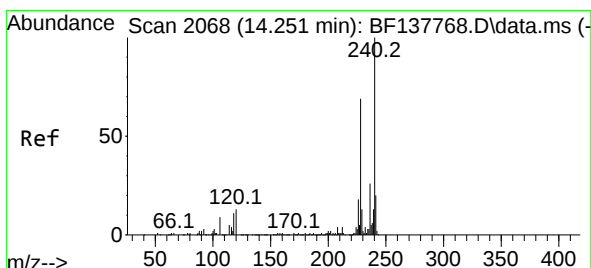
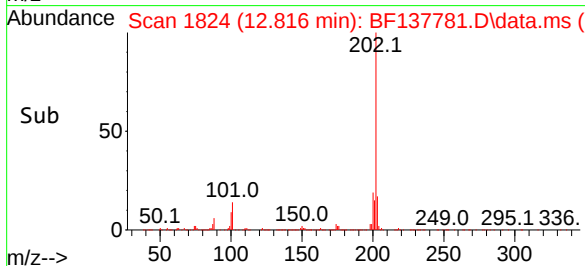
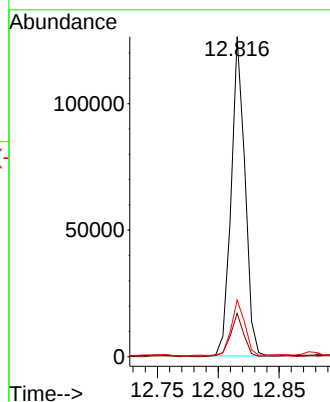
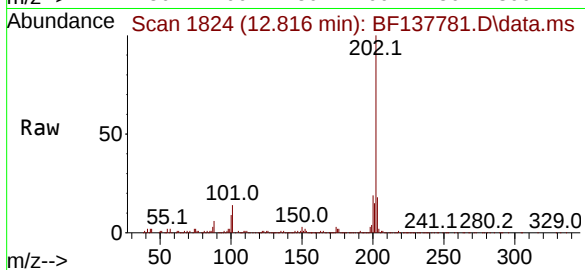
Tgt Ion:202 Resp: 98965

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.8

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

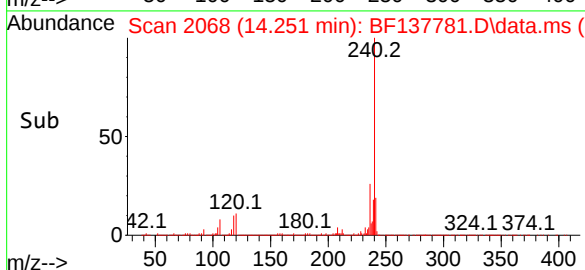
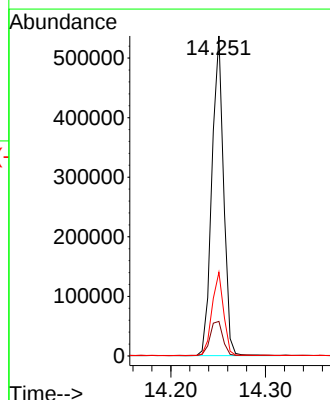
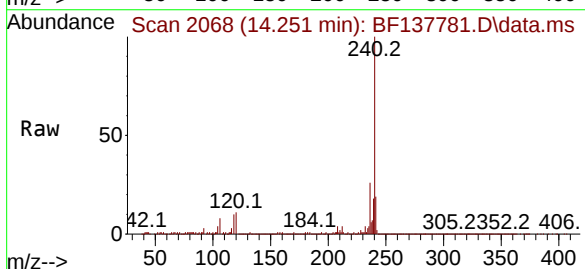
Tgt Ion:240 Resp: 458334

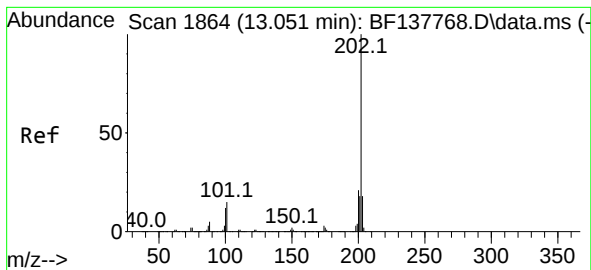
Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 26.1 20.4 30.6





#78

Pyrene

Concen: 2.462 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.000 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

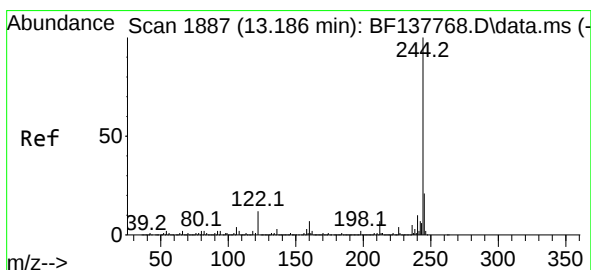
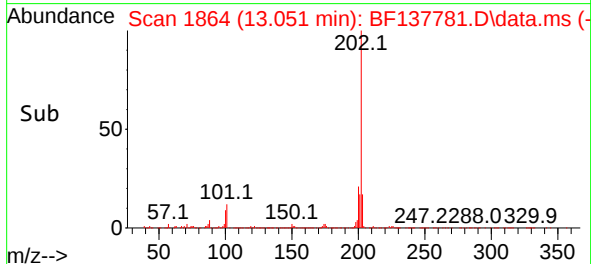
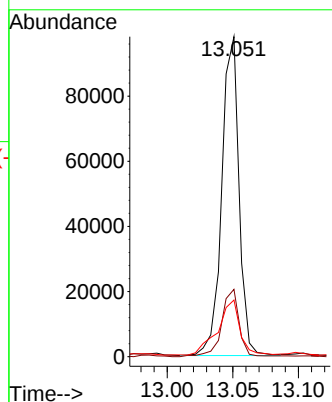
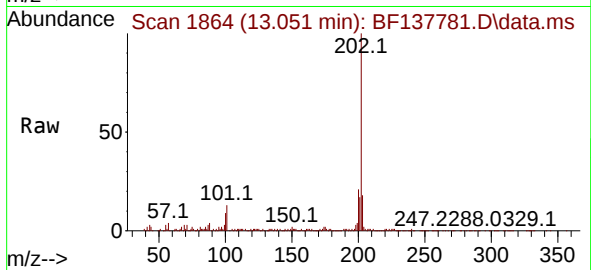
Tgt Ion:202 Resp: 89467

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.7 14.4 21.6



#79

Terphenyl-d14

Concen: 8.239 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

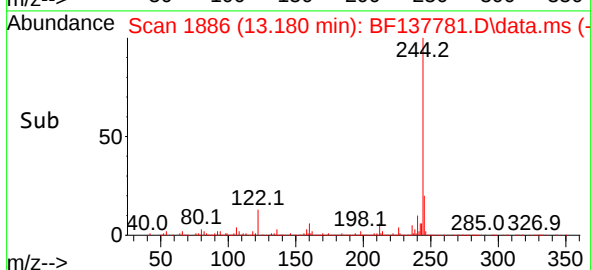
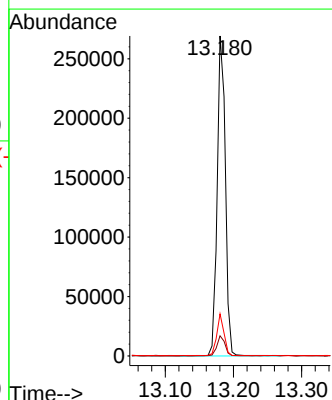
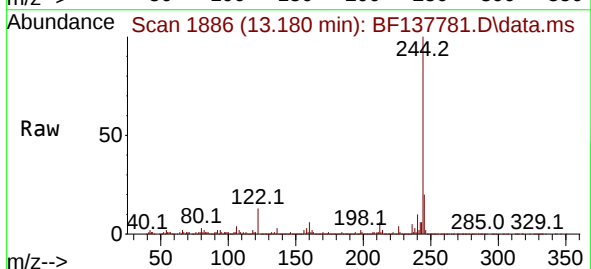
Tgt Ion:244 Resp: 225325

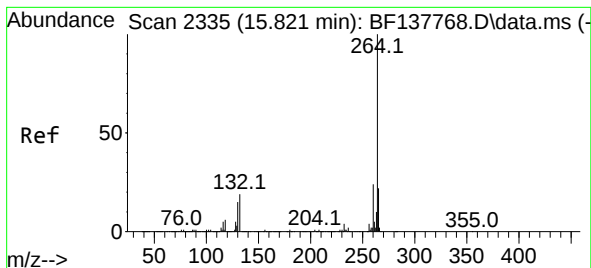
Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 13.2 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

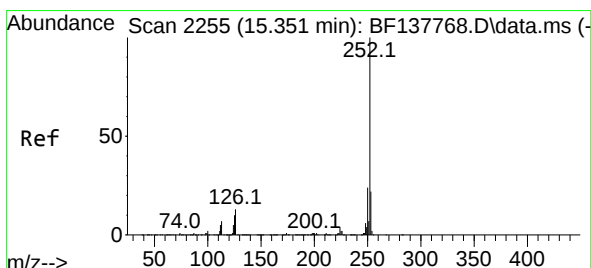
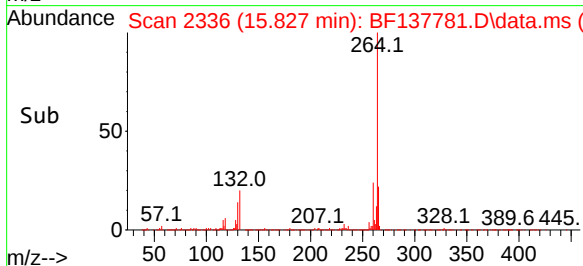
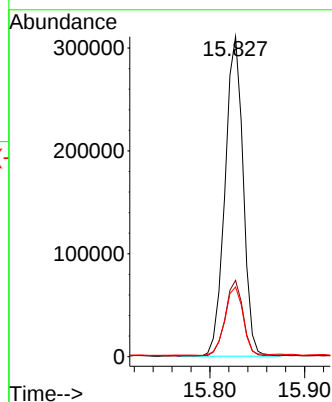
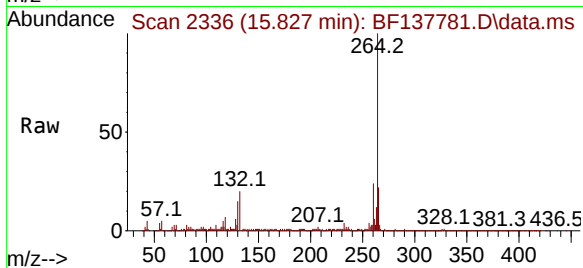
Tgt Ion:264 Resp: 413072

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.8 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.985 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

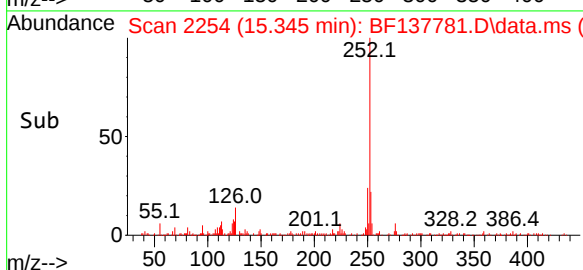
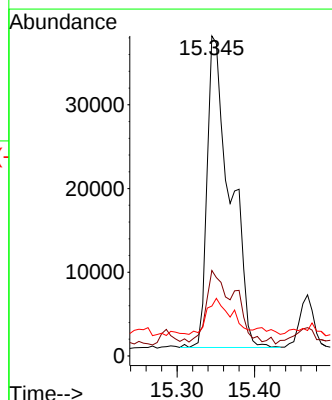
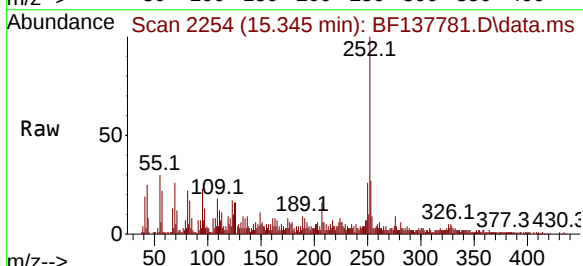
Tgt Ion:252 Resp: 76725

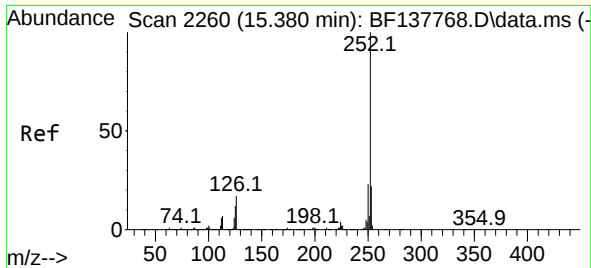
Ion Ratio Lower Upper

252 100

253 26.7 17.5 26.3#

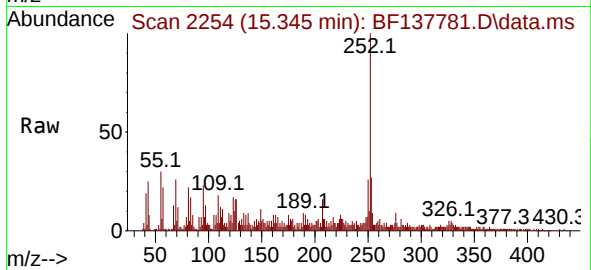
125 15.6 7.9 11.9#





#89
Benzo(k)fluoranthene
Concen: 3.089 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :
BNA_F
ClientSampleId :
SU-03-042924



Tgt Ion:252 Resp: 76725
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3#
125 15.6 9.0 13.4#

