

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137759.D
 Acq On : 29 Apr 2024 20:32
 Operator : CG\JU
 Sample : P2294-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 03:09:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

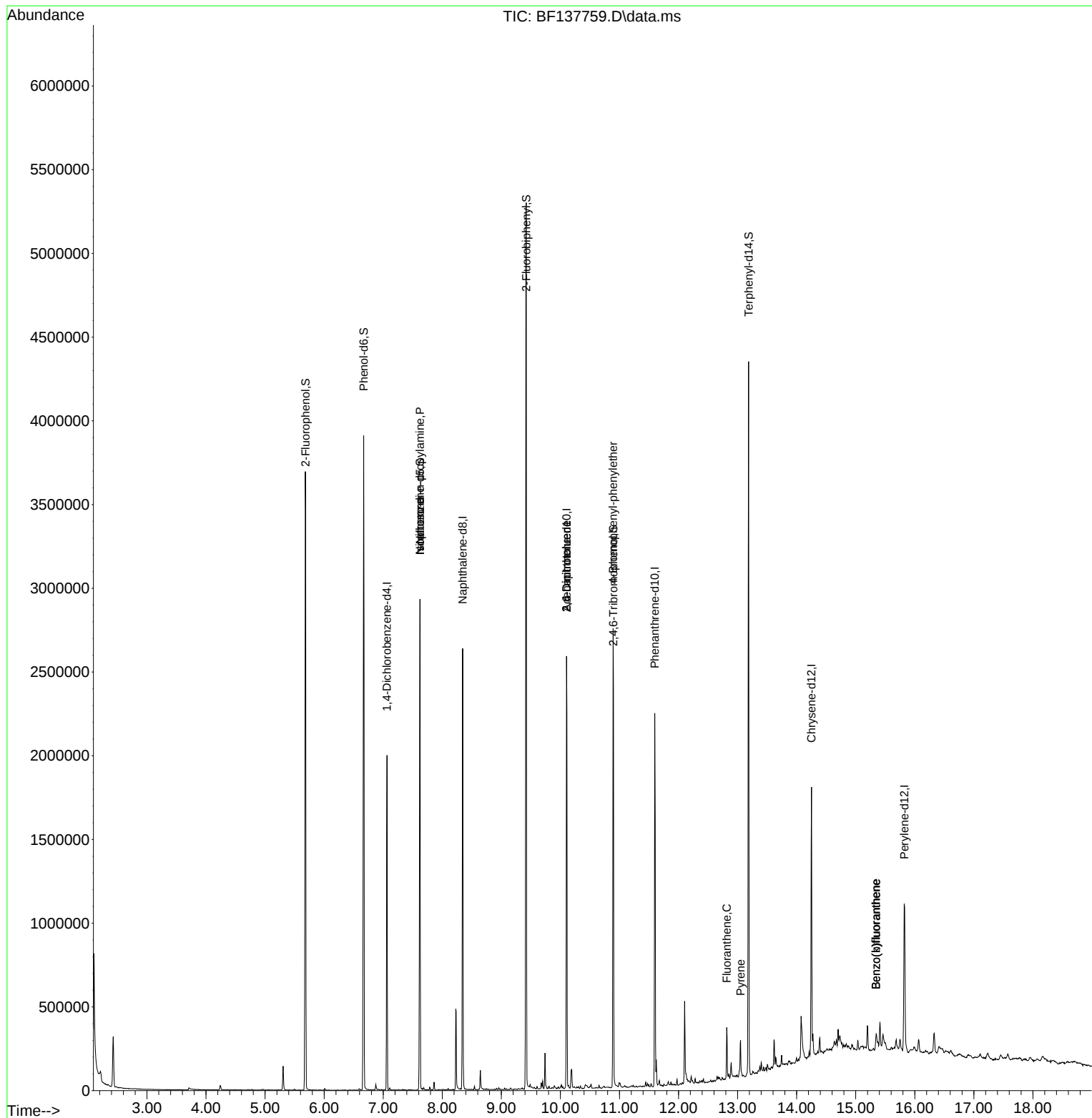
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	268697	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1035057	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	536343	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	742135	20.000	ng	0.00
76) Chrysene-d12	14.251	240	502911	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	441051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1088353	61.528	ng	0.00
7) Phenol-d6	6.669	99	1383194	61.578	ng	0.00
23) Nitrobenzene-d5	7.622	82	842697	43.218	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	329935	60.962	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	1723214	48.007	ng	0.00
79) Terphenyl-d14	13.186	244	1368374	43.795	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	110394	7.600	ng	# 77
25) Isophorone	7.622	82	842684	23.270	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	70787	8.991	ng	# 23
57) 2,4-Dinitrotoluene	10.104	165	70788	7.132	ng	# 25
67) 4-Bromophenyl-phenylether	10.892	248	21442	2.493	ng	# 1
75) Fluoranthene	12.816	202	97893	2.371	ng	98
78) Pyrene	13.051	202	82876	2.008	ng	96
88) Benzo(b)fluoranthene	15.345	252	77660	2.752	ng	# 91
89) Benzo(k)fluoranthene	15.345	252	77660	2.799	ng	# 91

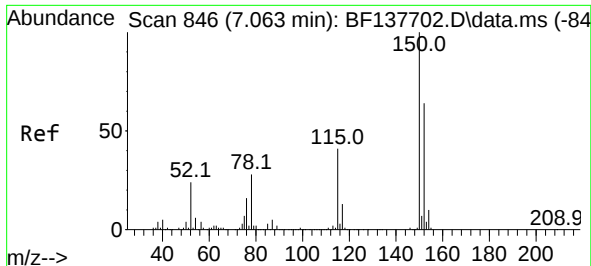
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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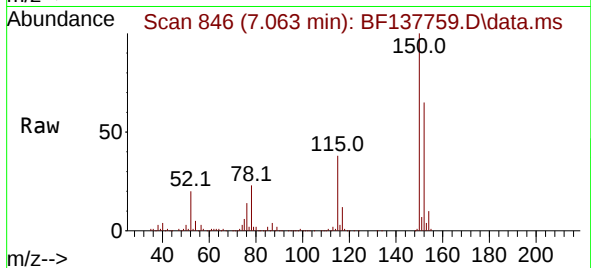
Quant Time: Apr 30 03:09:05 2024
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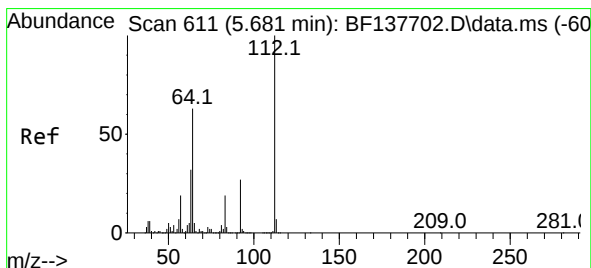
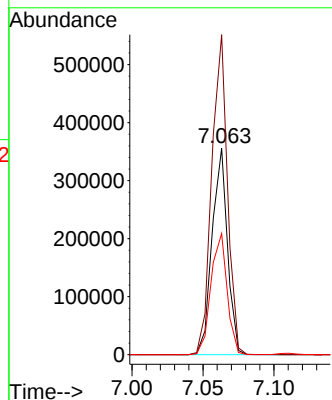
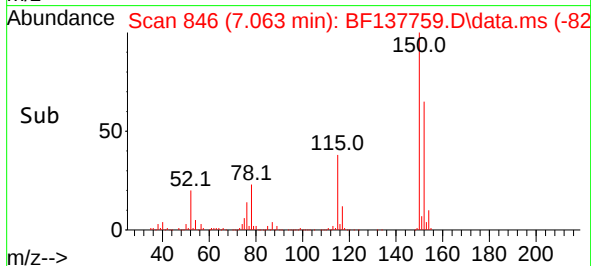


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

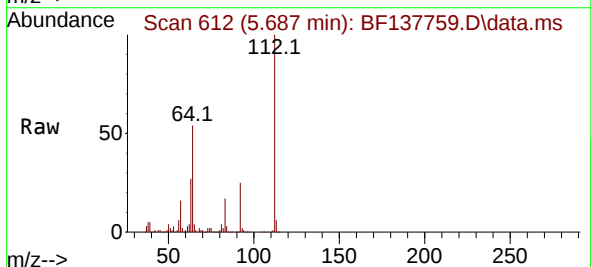
Instrument :
BNA_F
ClientSampleId :



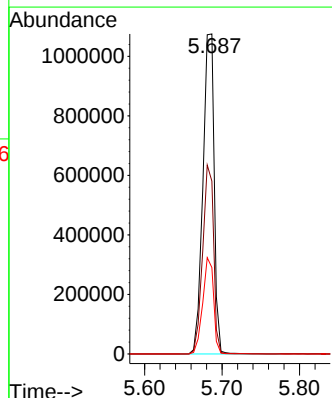
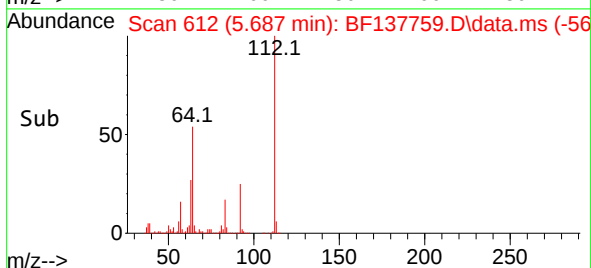
Tgt Ion:152 Resp: 268697
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.4
115 58.7 50.8 76.2



#5
2-Fluorophenol
Concen: 61.528 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



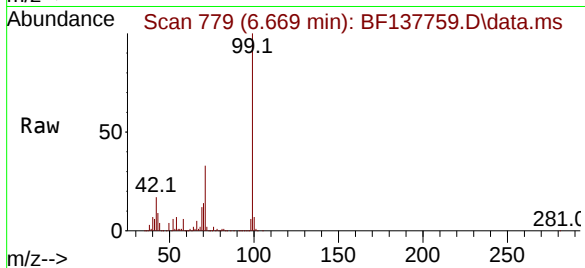
Tgt Ion:112 Resp: 1088353
Ion Ratio Lower Upper
112 100
64 54.0 50.1 75.1
63 27.0 25.2 37.8





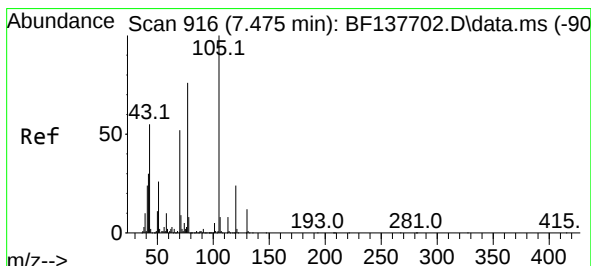
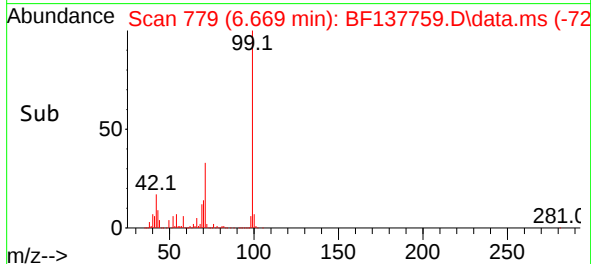
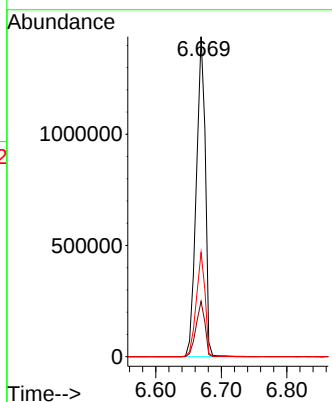
#7
Phenol-d6
Concen: 61.578 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1383194

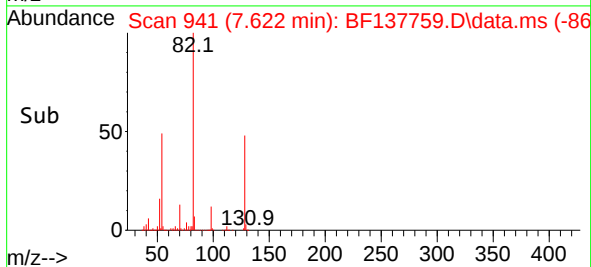
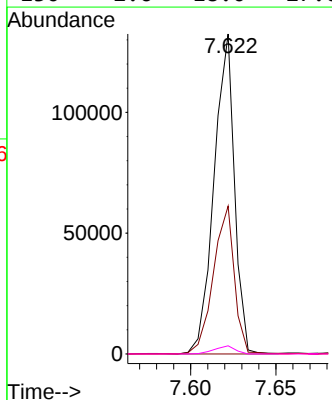
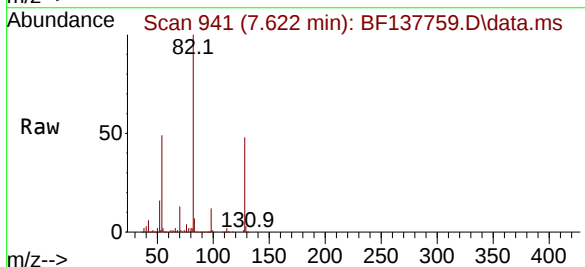
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	32.6	25.7	38.5

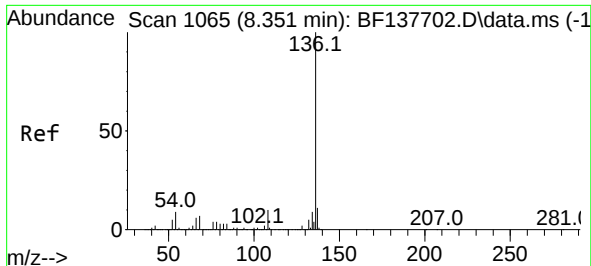


#19
n-Nitroso-di-n-propylamine
Concen: 7.600 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Tgt Ion: 70 Resp: 110394

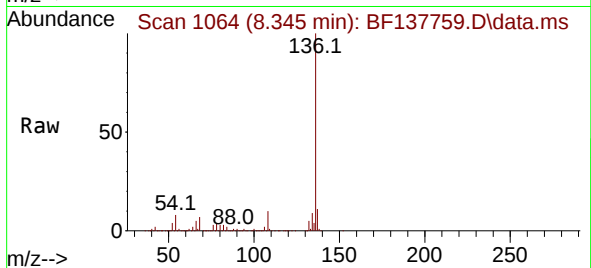
Ion	Ratio	Lower	Upper
70	100		
42	46.2	45.9	68.9
101	0.0	8.0	12.0#
130	2.6	18.0	27.0#





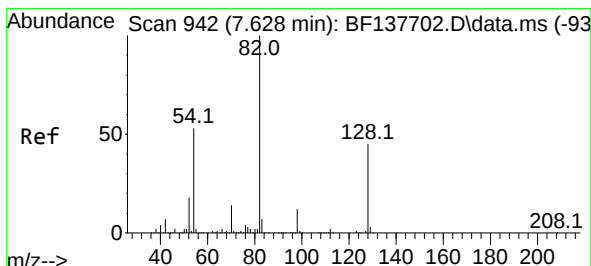
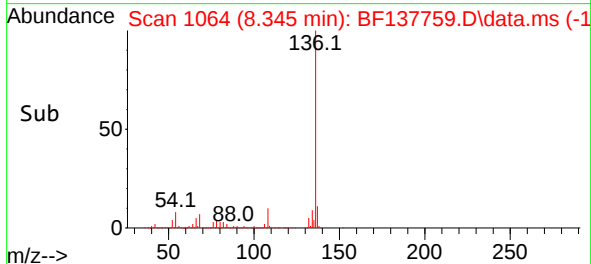
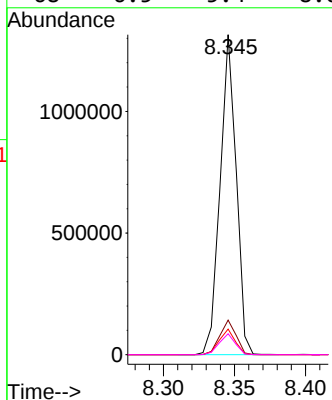
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 1035057

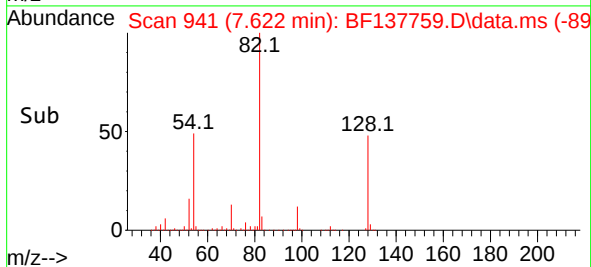
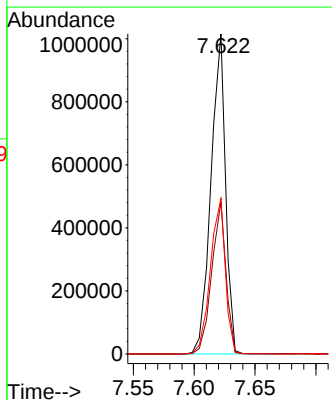
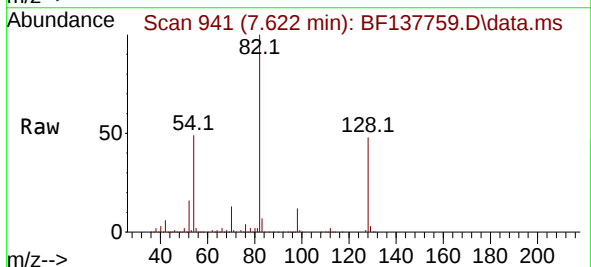
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	6.9	10.3
68	6.5	5.4	8.0

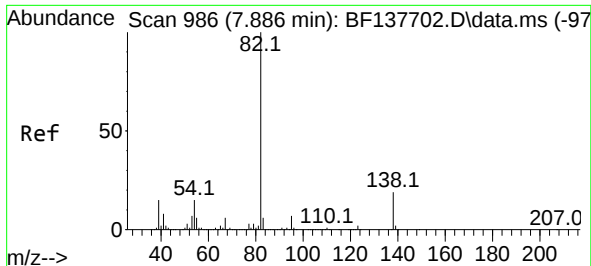


#23
Nitrobenzene-d5
Concen: 43.218 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Tgt Ion: 82 Resp: 842697

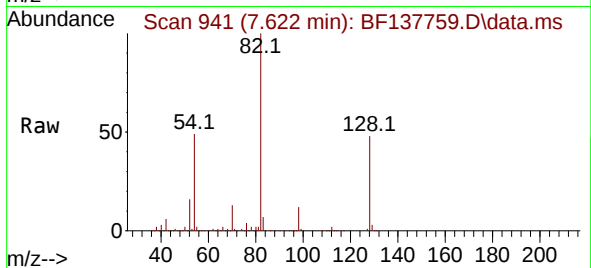
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.8	53.6
54	48.6	42.5	63.7



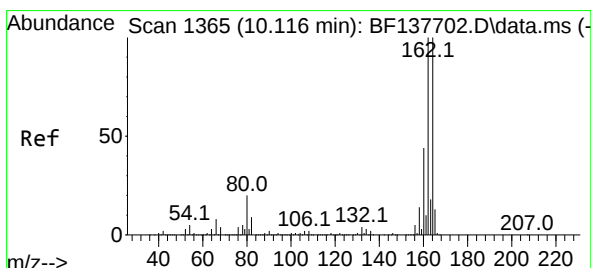
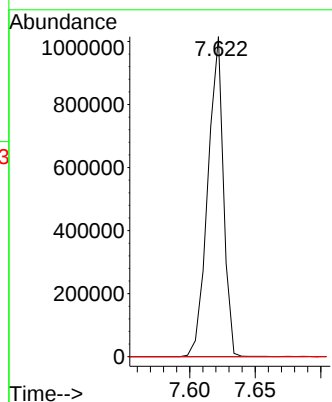
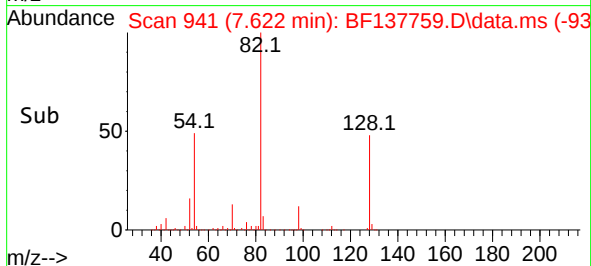


#25
Isophorone
Concen: 23.270 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_F
ClientSampleId :

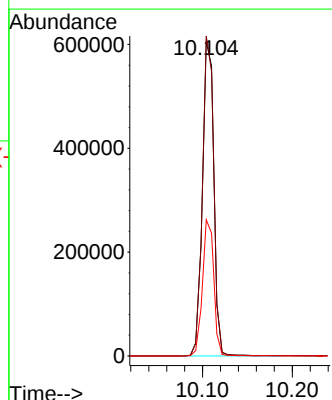
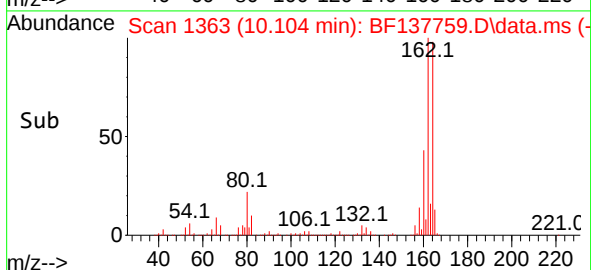
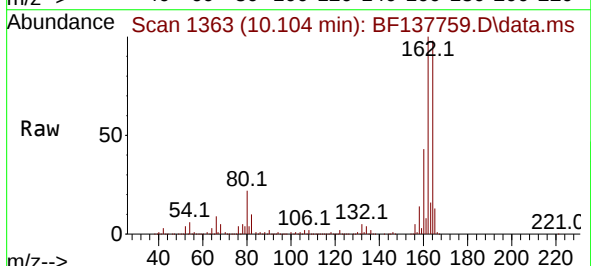


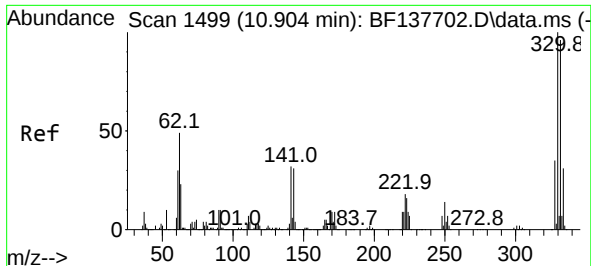
Tgt Ion: 82 Resp: 842684
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Tgt Ion:164 Resp: 536343
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 43.3 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 60.962 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

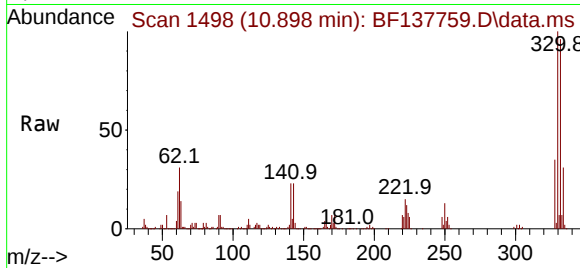
Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :



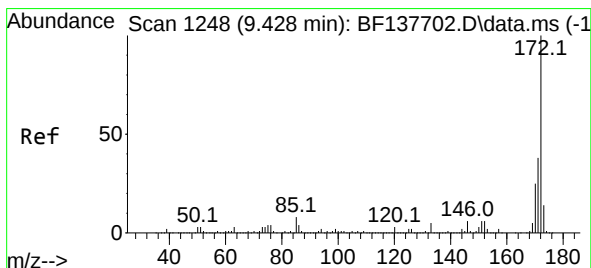
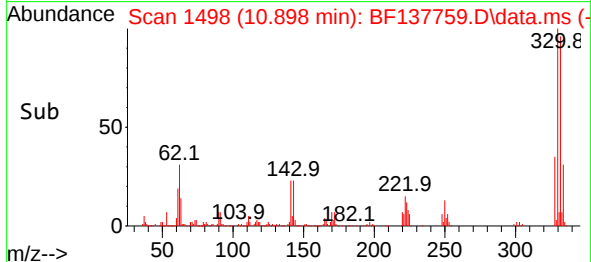
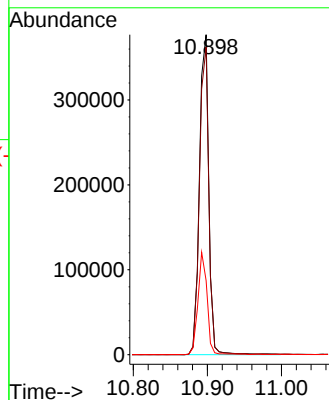
Tgt Ion:330 Resp: 329935

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 31.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 48.007 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

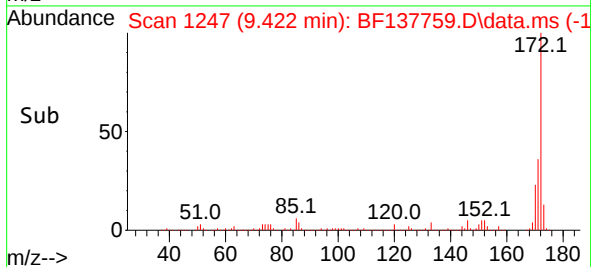
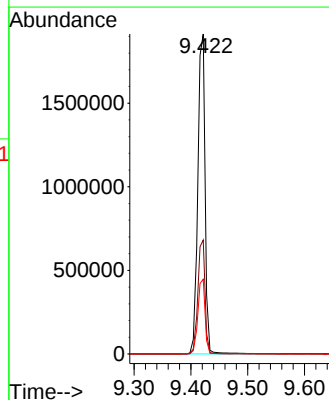
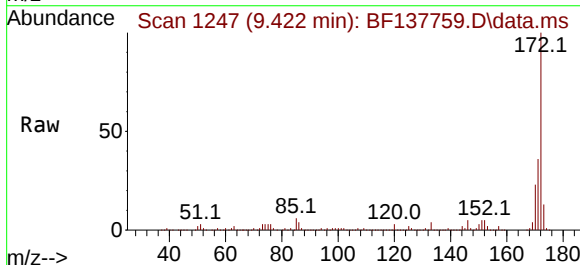
Tgt Ion:172 Resp: 1723214

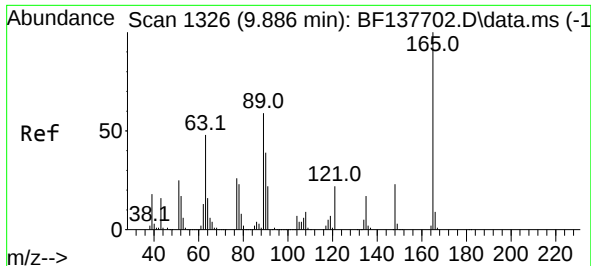
Ion Ratio Lower Upper

172 100

171 35.6 30.2 45.4

170 23.3 20.2 30.4





#51

2,6-Dinitrotoluene

Concen: 8.991 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.218 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :

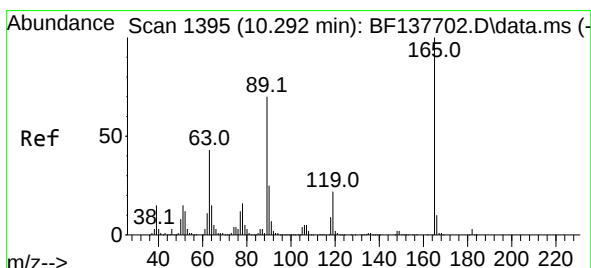
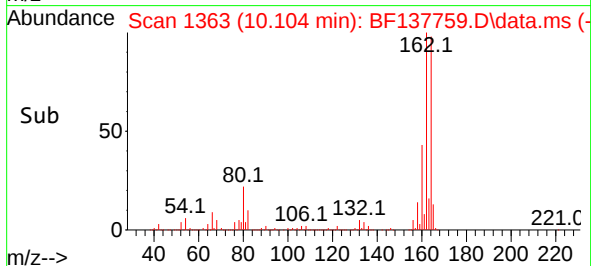
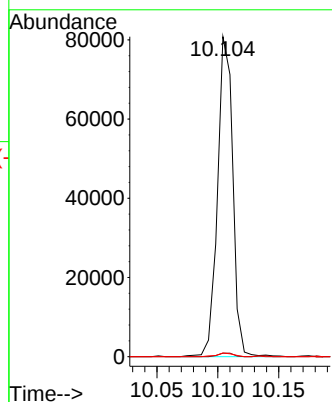
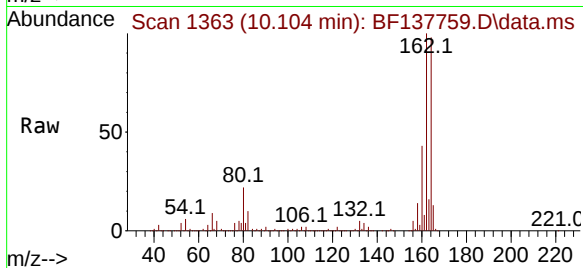
Tgt Ion:165 Resp: 70787

Ion Ratio Lower Upper

165 100

63 1.1 47.7 71.5#

89 1.1 47.3 70.9#



#57

2,4-Dinitrotoluene

Concen: 7.132 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.188 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Tgt Ion:165 Resp: 70788

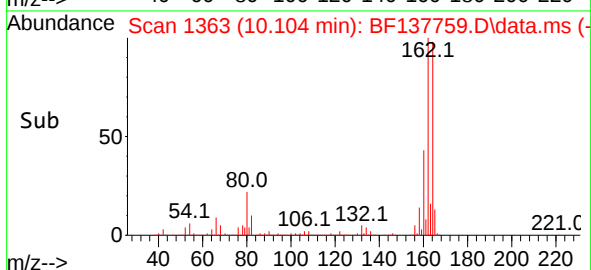
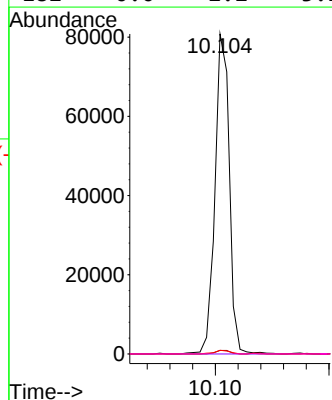
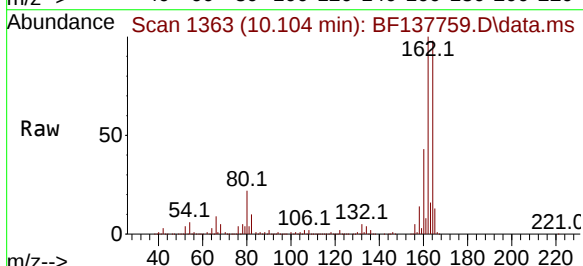
Ion Ratio Lower Upper

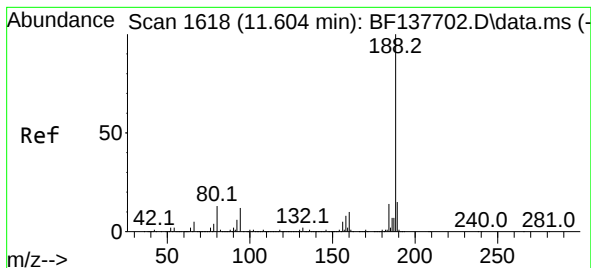
165 100

63 1.1 34.1 51.1#

89 1.1 56.4 84.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :

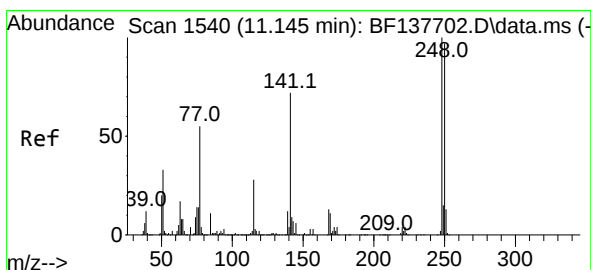
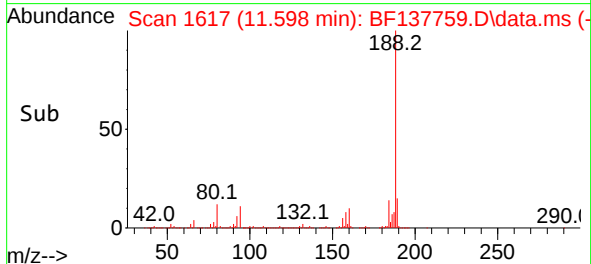
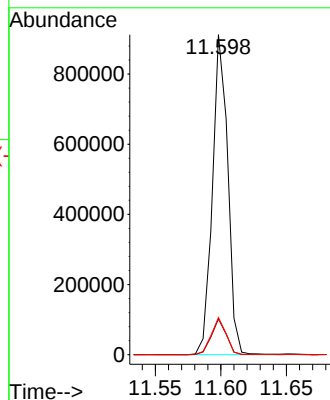
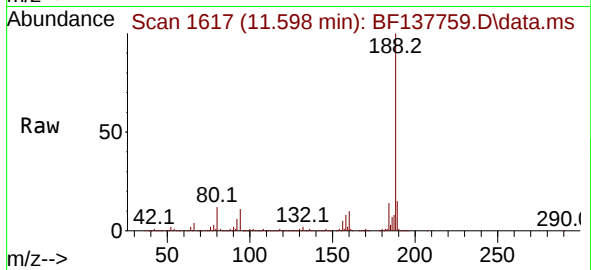
Tgt Ion:188 Resp: 742135

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

80 11.6 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 2.493 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.253 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

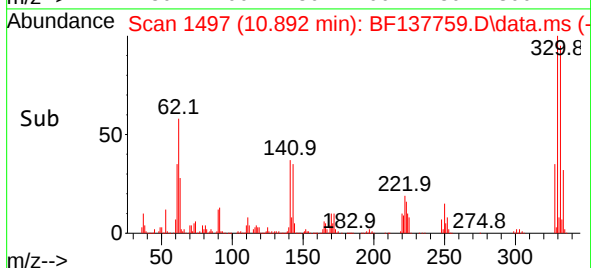
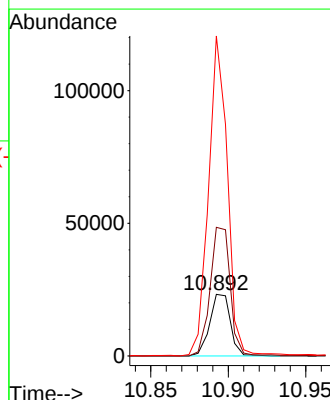
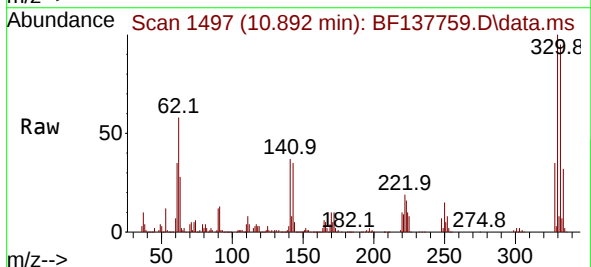
Tgt Ion:248 Resp: 21442

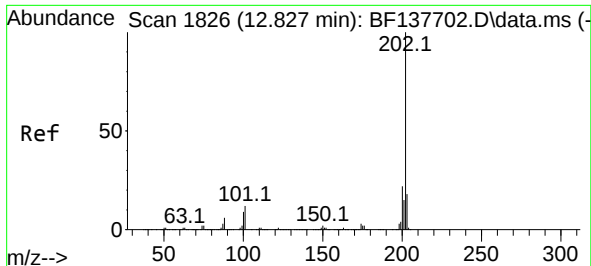
Ion Ratio Lower Upper

248 100

250 209.1 77.4 116.0#

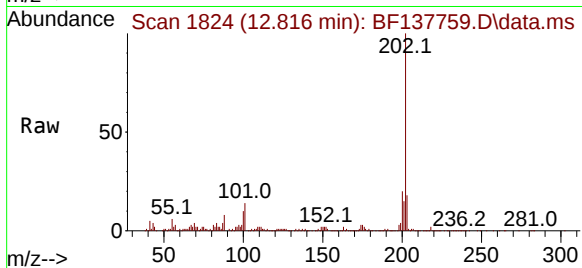
141 520.0 57.9 86.9#



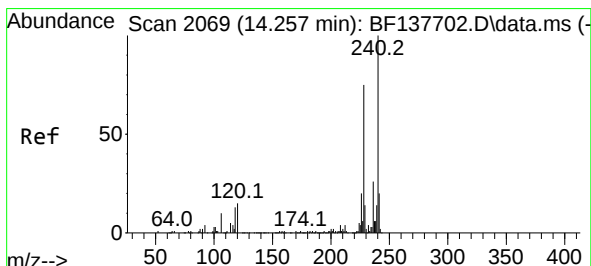
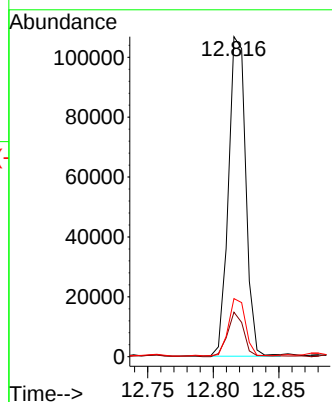
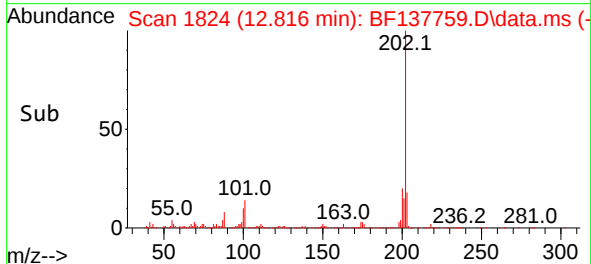


#75
Fluoranthene
Concen: 2.371 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

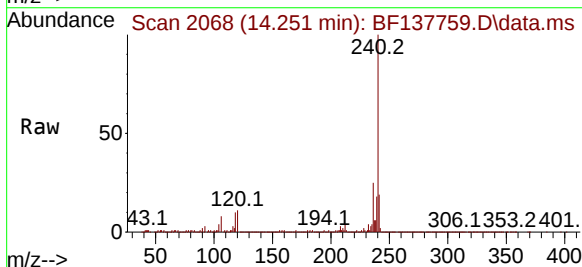
Instrument :
BNA_F
ClientSampleId :



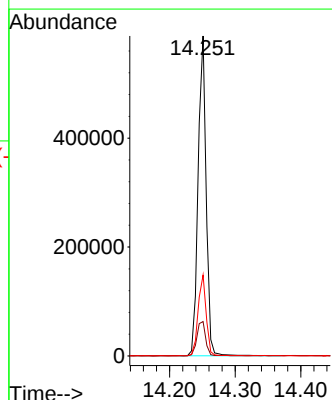
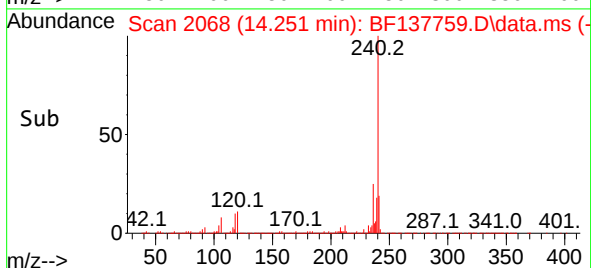
Tgt Ion:202 Resp: 97893
Ion Ratio Lower Upper
202 100
101 13.9 0.0 32.2
203 18.1 0.0 38.1

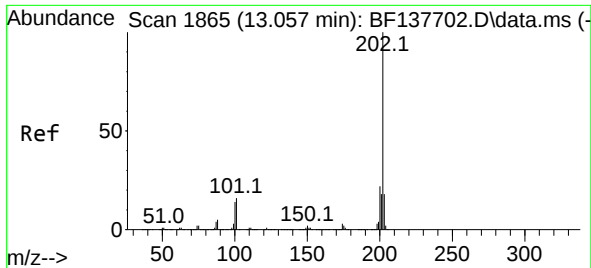


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



Tgt Ion:240 Resp: 502911
Ion Ratio Lower Upper
240 100
120 10.8 11.9 17.9#
236 25.3 20.8 31.2

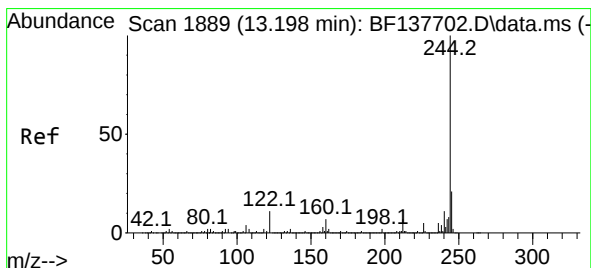
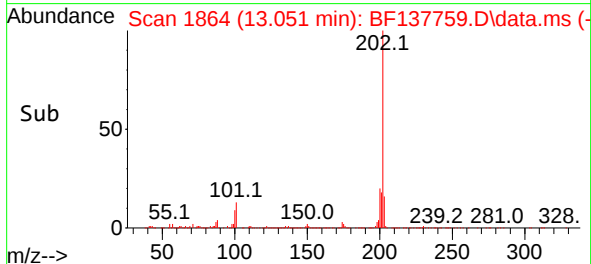
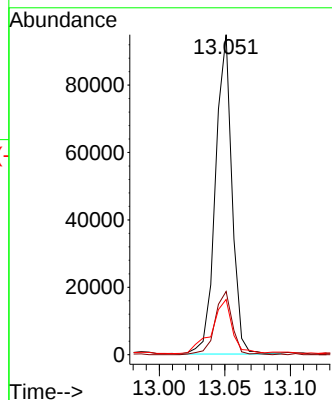
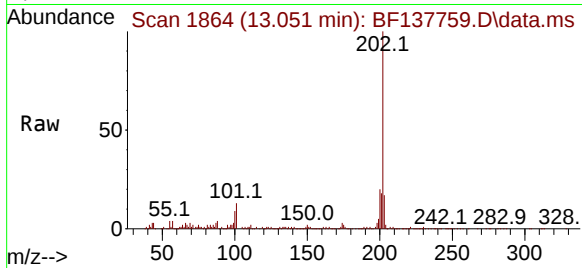




#78
Pyrene
Concen: 2.008 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

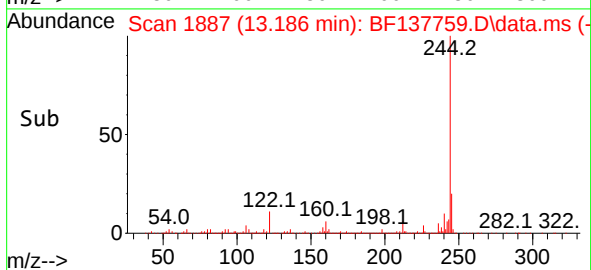
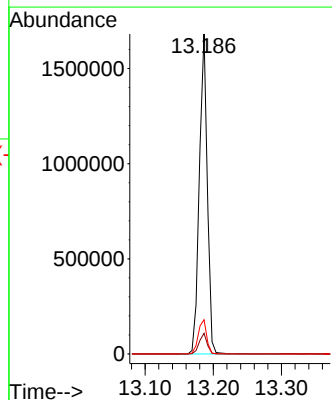
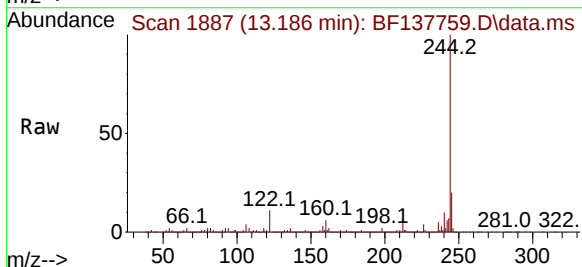
Instrument :
BNA_F
ClientSampleId :

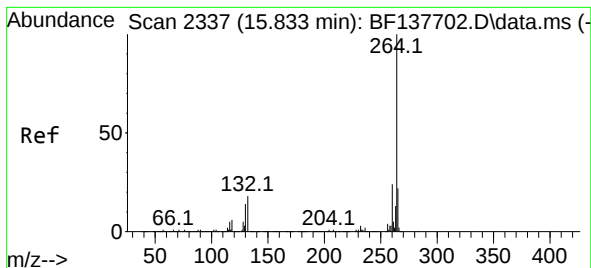
Tgt Ion:202 Resp: 82876
Ion Ratio Lower Upper
202 100
200 19.7 17.8 26.6
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 43.795 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

Tgt Ion:244 Resp: 1368374
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :

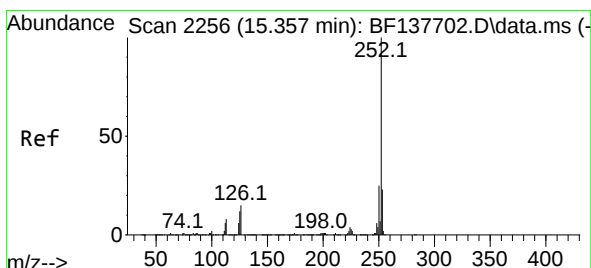
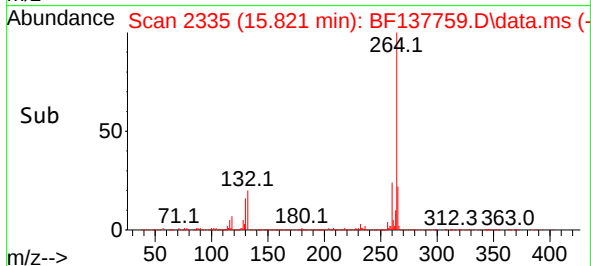
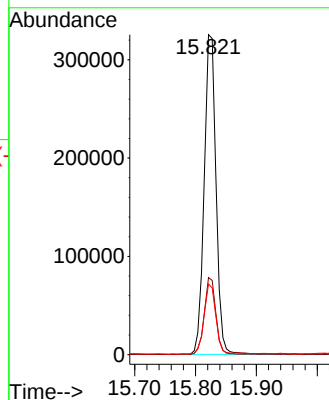
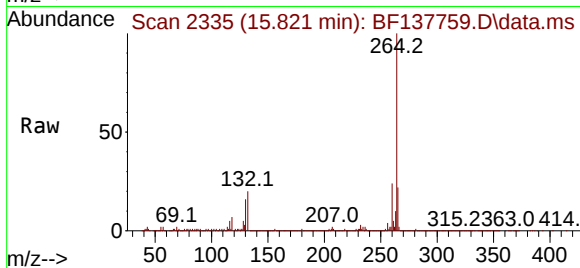
Tgt Ion:264 Resp: 441051

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.0 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.752 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

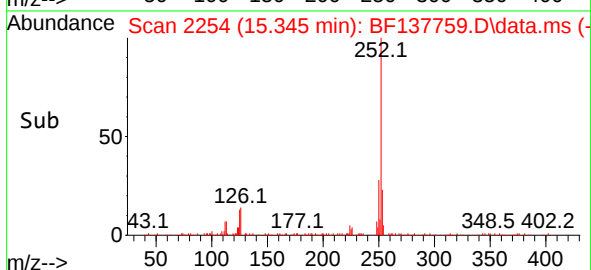
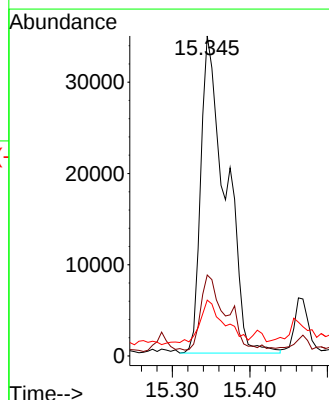
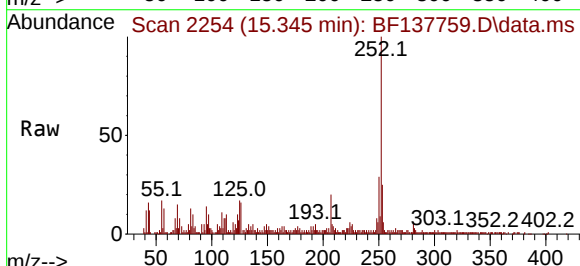
Tgt Ion:252 Resp: 77660

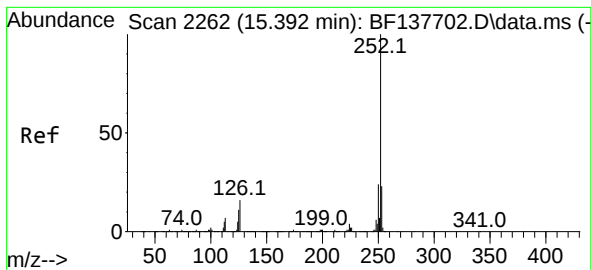
Ion Ratio Lower Upper

252 100

253 25.3 18.1 27.1

125 17.4 9.2 13.8#





#89

Benzo(k)fluoranthene

Concen: 2.799 ng

RT: 15.345 min Scan# 21

Delta R.T. -0.047 min

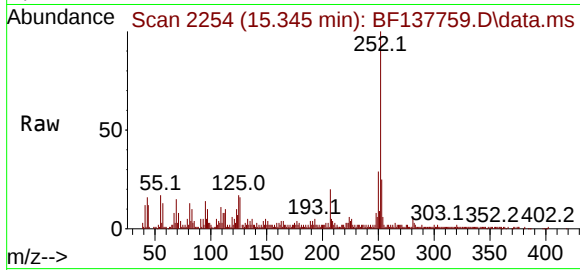
Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 77660

Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

125 17.4 9.0 13.6#

