

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137796.D
 Acq On : 01 May 2024 17:23
 Operator : CG\JU
 Sample : P2306-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 17:54:23 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)

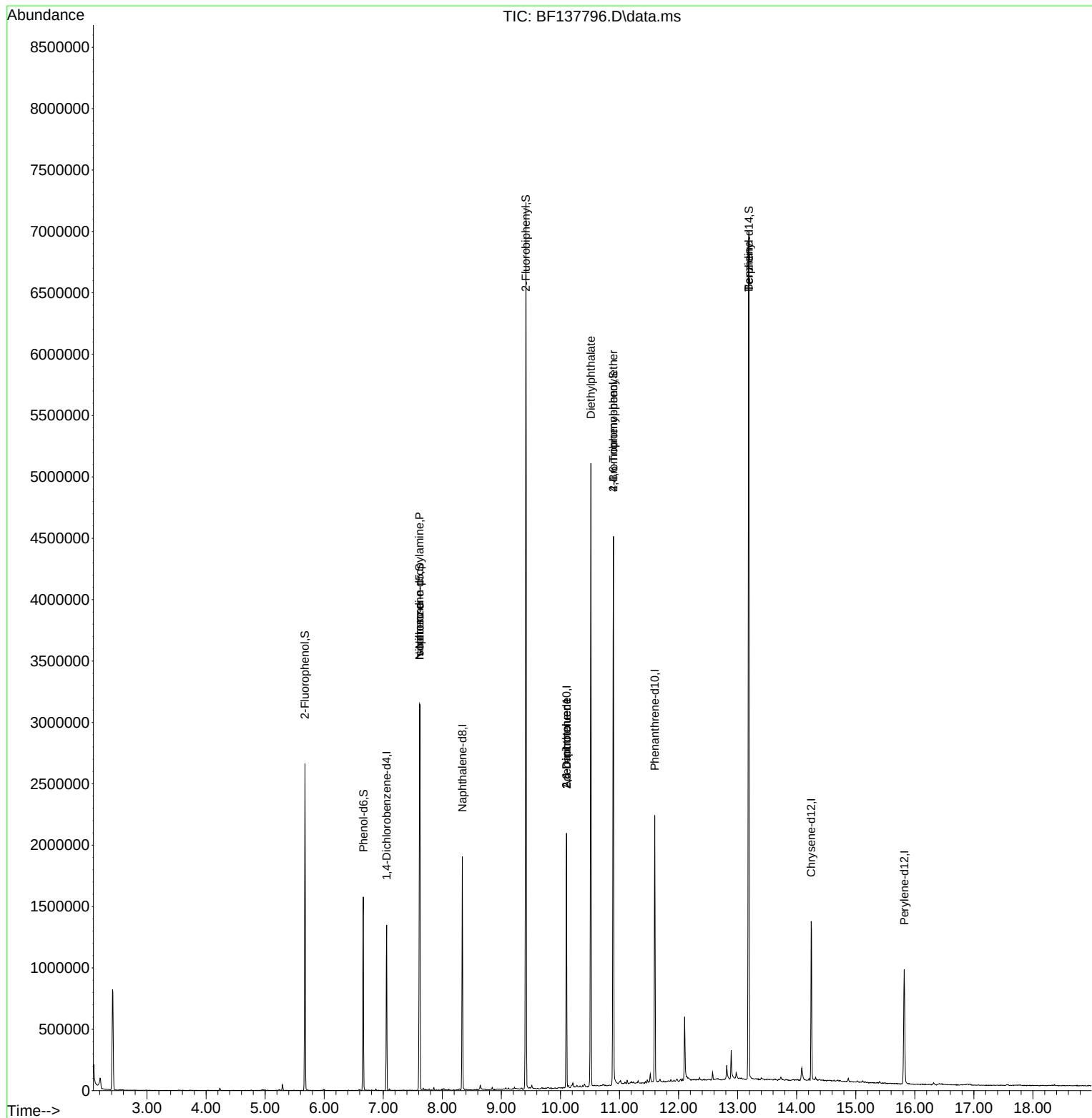
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	191692	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	754828	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	426524	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	731867	20.000	ng	0.00
76) Chrysene-d12	14.245	240	458181	20.000	ng	0.00
86) Perylene-d12	15.821	264	440074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	678777	59.286	ng	0.00
7) Phenol-d6	6.663	99	535244	36.857	ng	-0.01
23) Nitrobenzene-d5	7.616	82	1174303	90.385	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	609250	139.899	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2329773	88.617	ng	0.00
79) Terphenyl-d14	13.192	244	2759336	100.927	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	154471	17.799	ng	# 78
25) Isophorone	7.616	82	1174276	50.129	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	54941	8.928	ng	# 26
57) 2,4-Dinitrotoluene	10.104	165	54941	6.834	ng	# 26
60) Diethylphthalate	10.516	149	1830663	71.586	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	39077	4.989	ng	# 1
77) Benzidine	13.186	184	33270	3.140	ng	# 91

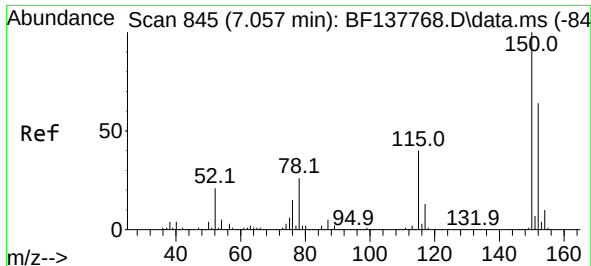
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
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Quant Time: May 01 17:54:23 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

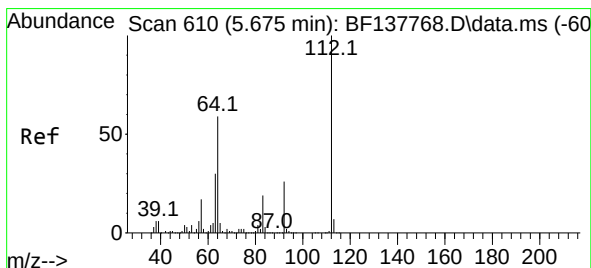
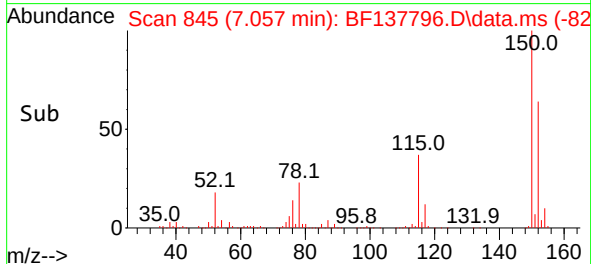
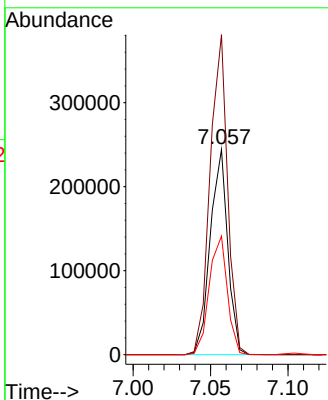
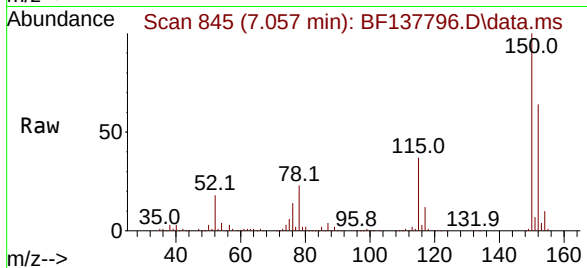




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

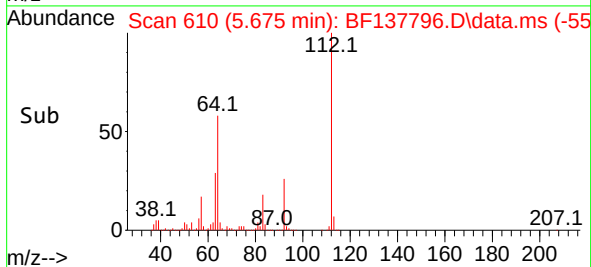
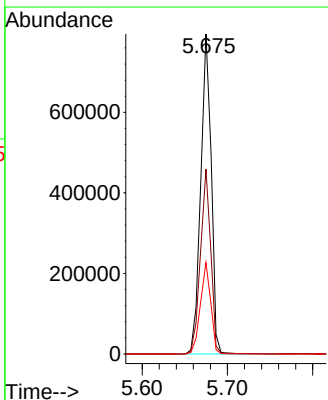
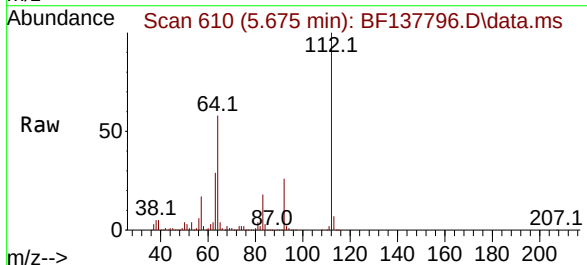
Instrument :
BNA_F
ClientSampleId :

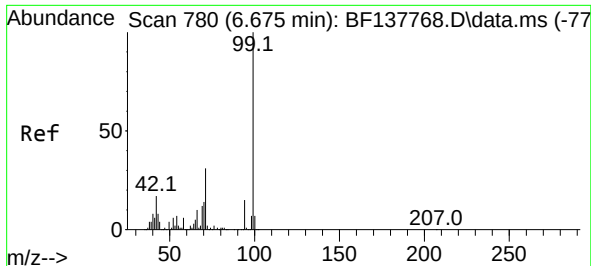
Tgt Ion:152 Resp: 191692
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 57.8 49.1 73.7



#5
2-Fluorophenol
Concen: 59.286 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Tgt Ion:112 Resp: 678777
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 36.857 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137796.D

Acq: 01 May 2024 17:23

Instrument :

BNA_F

ClientSampleId :

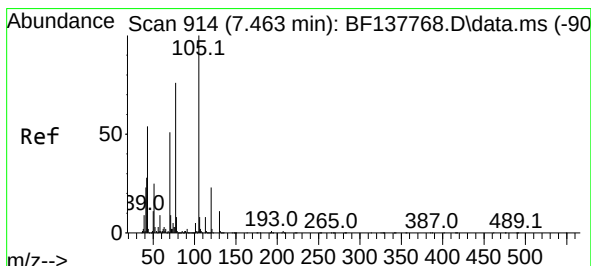
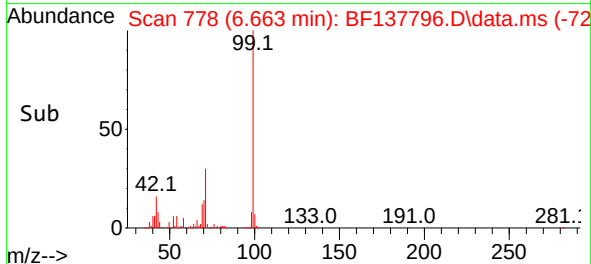
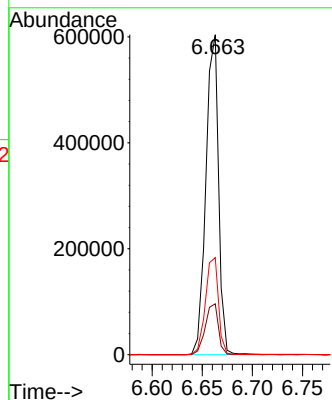
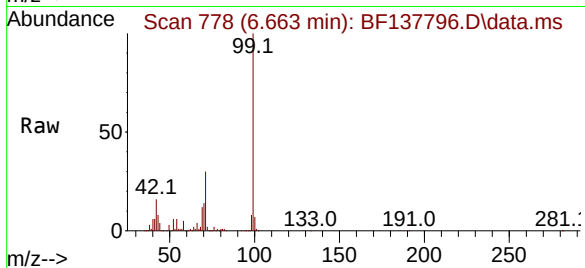
Tgt Ion: 99 Resp: 535244

Ion Ratio Lower Upper

99 100

42 15.9 13.2 19.8

71 30.3 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.799 ng

RT: 7.616 min Scan# 940

Delta R.T. 0.153 min

Lab File: BF137796.D

Acq: 01 May 2024 17:23

Tgt Ion: 70 Resp: 154471

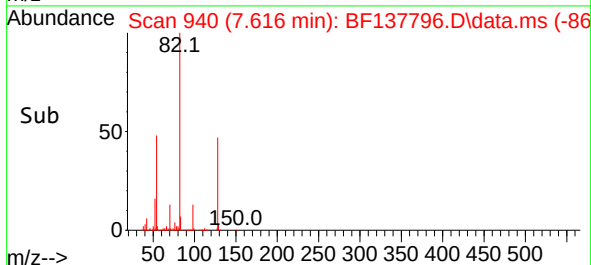
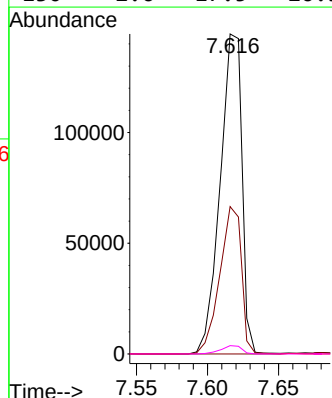
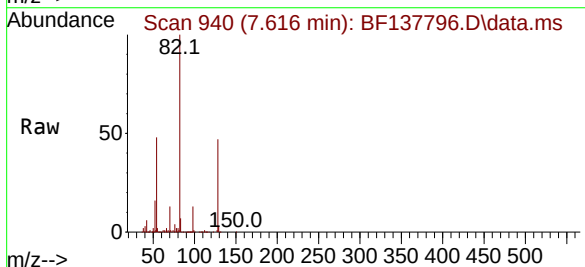
Ion Ratio Lower Upper

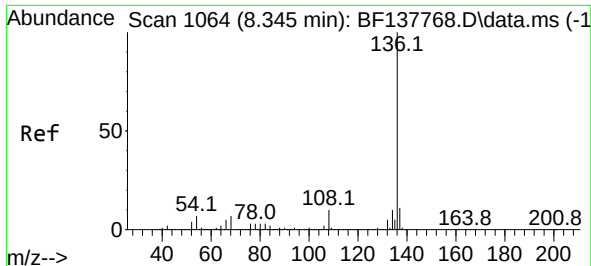
70 100

42 46.0 44.6 66.8

101 0.0 7.8 11.6#

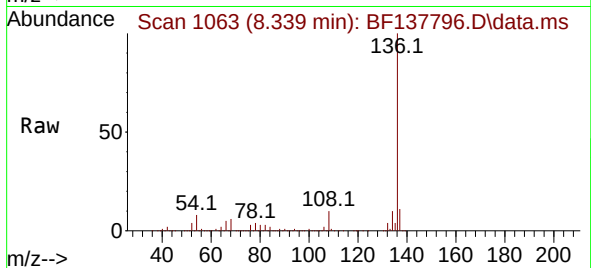
130 2.6 17.5 26.3#



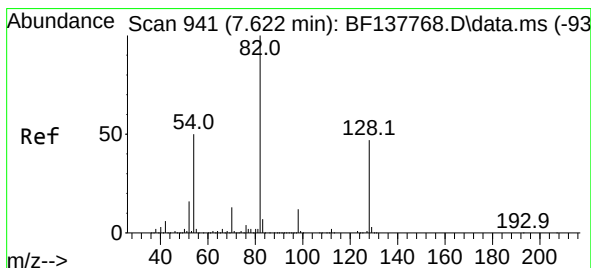
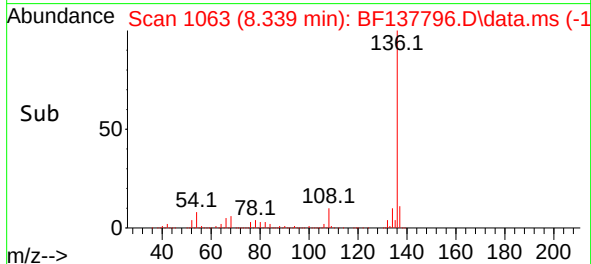
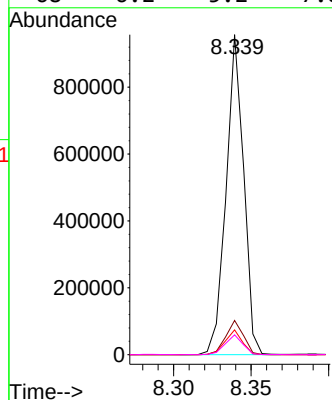


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Instrument :
BNA_F
ClientSampleId :

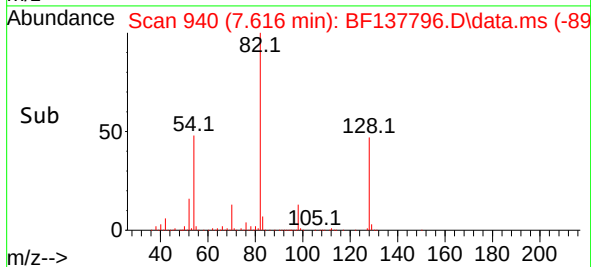
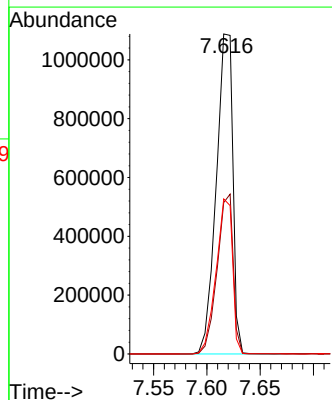
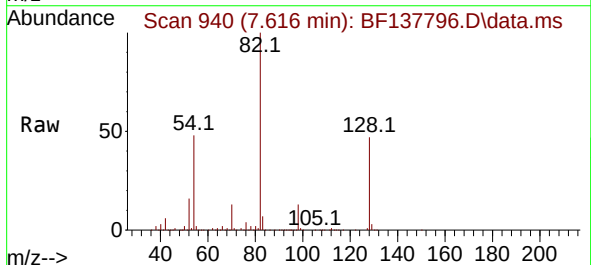


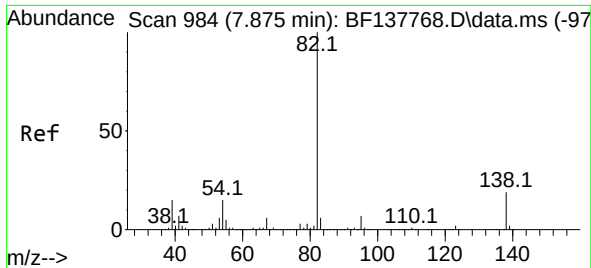
Tgt Ion:136 Resp: 754828
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 5.8 8.8
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.385 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Tgt Ion: 82 Resp: 1174303
Ion Ratio Lower Upper
82 100
128 47.3 37.5 56.3
54 48.5 39.8 59.6

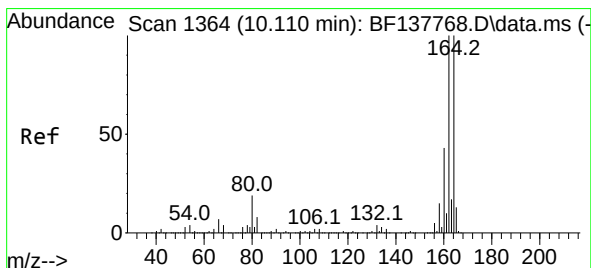
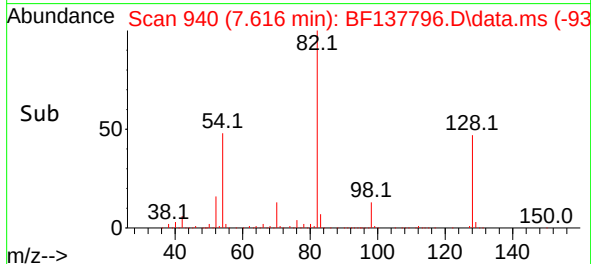
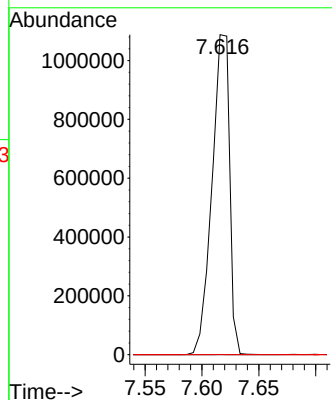
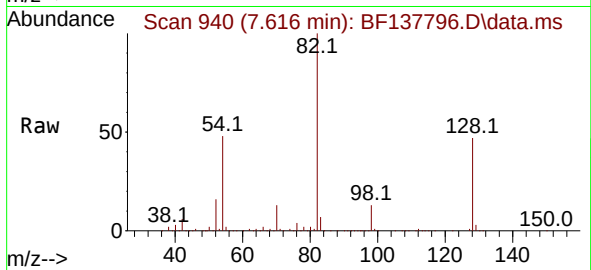




#25
Isophorone
Concen: 50.129 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

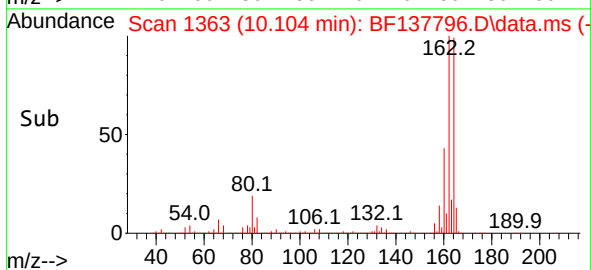
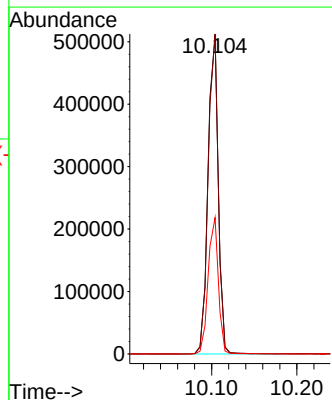
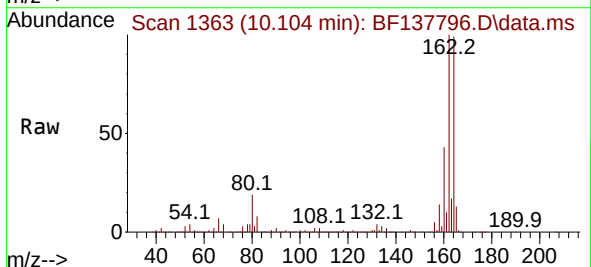
Instrument :
BNA_F
ClientSampleId :

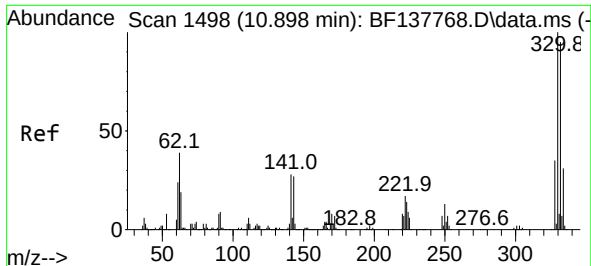
Tgt Ion: 82 Resp: 1174276
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Tgt Ion:164 Resp: 426524
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.6
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 139.899 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

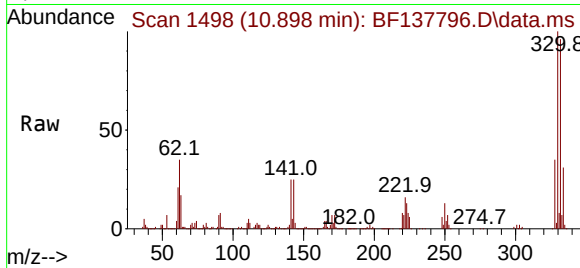
Lab File: BF137796.D

Acq: 01 May 2024 17:23

Instrument :

BNA_F

ClientSampleId :



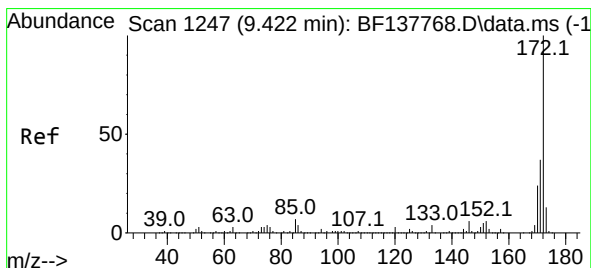
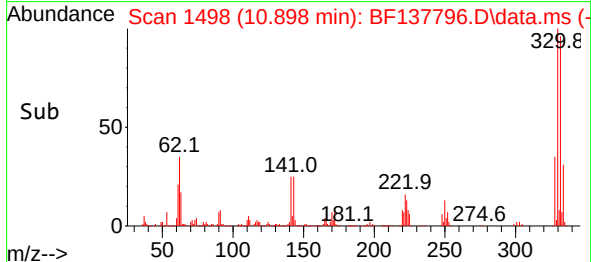
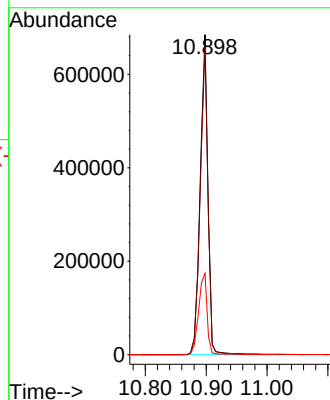
Tgt Ion:330 Resp: 609250

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.617 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137796.D

Acq: 01 May 2024 17:23

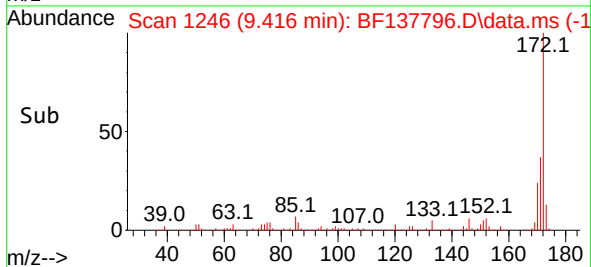
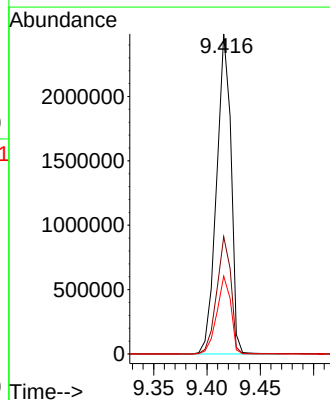
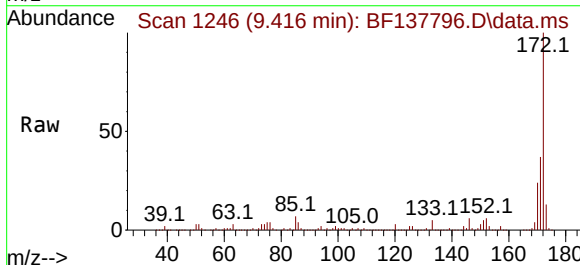
Tgt Ion:172 Resp: 2329773

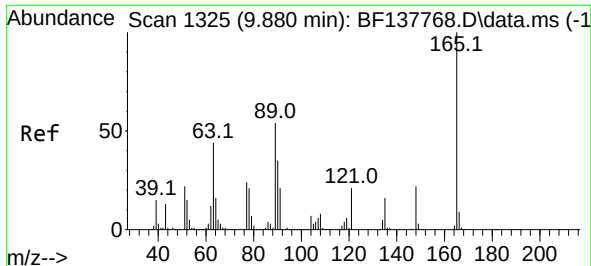
Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

170 24.3 19.4 29.2

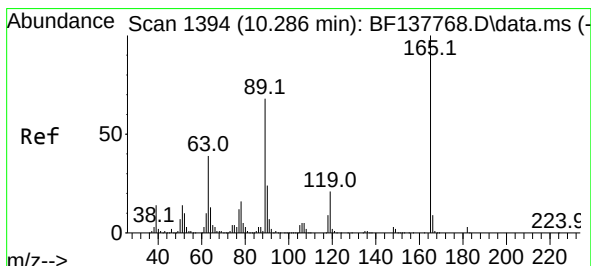
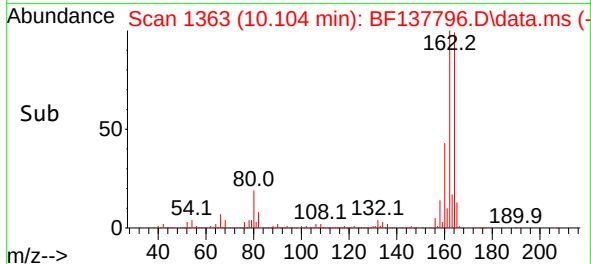
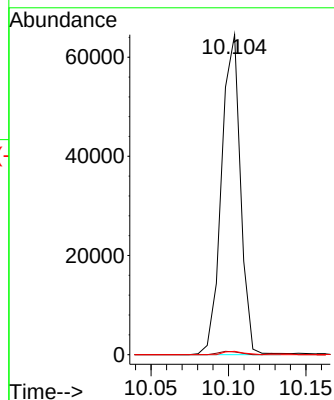
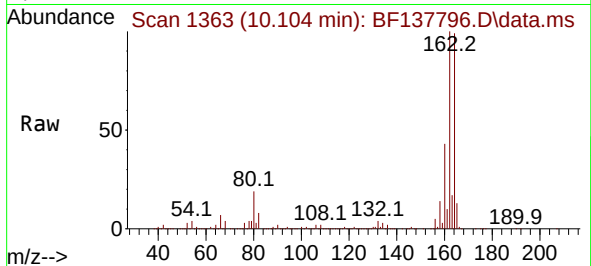




#51
2,6-Dinitrotoluene
Concen: 8.928 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.223 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

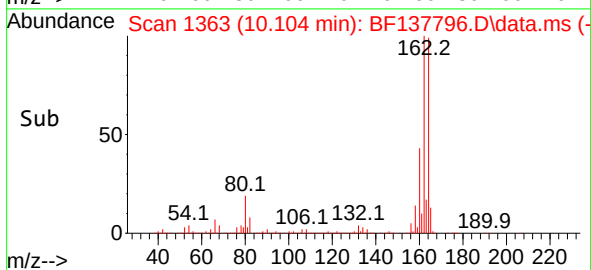
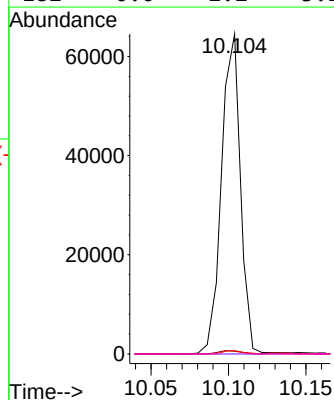
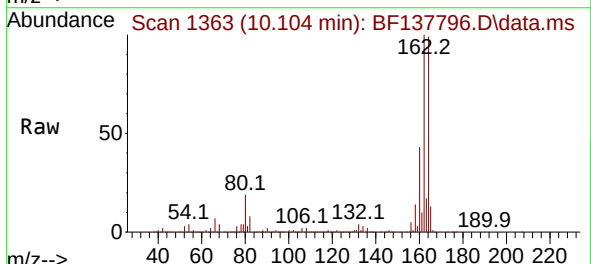
Instrument :
BNA_F
ClientSampleId :

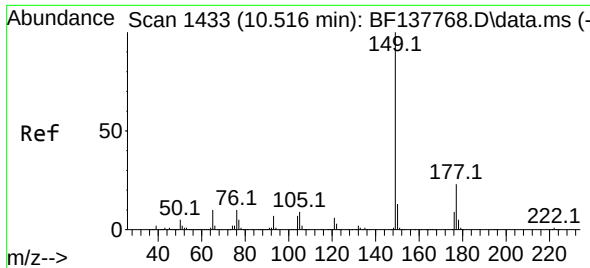
Tgt Ion:165 Resp: 54941
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

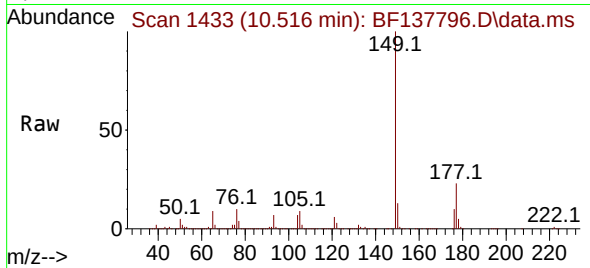
Tgt Ion:165 Resp: 54941
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#



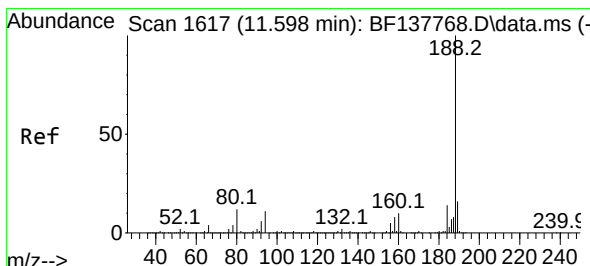
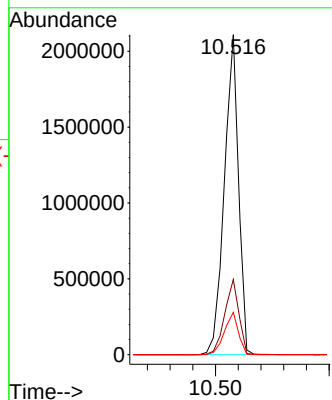
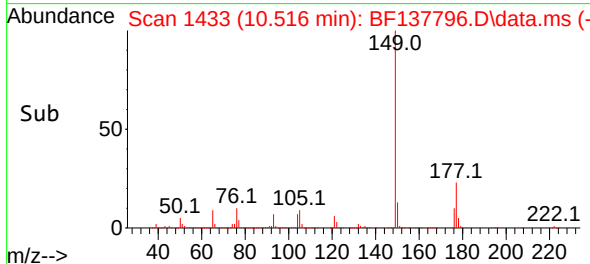


#60
Diethylphthalate
Concen: 71.586 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Instrument :
BNA_F
ClientSampleId :

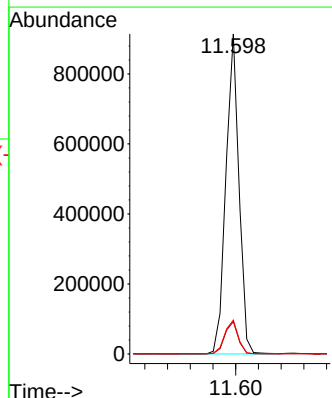
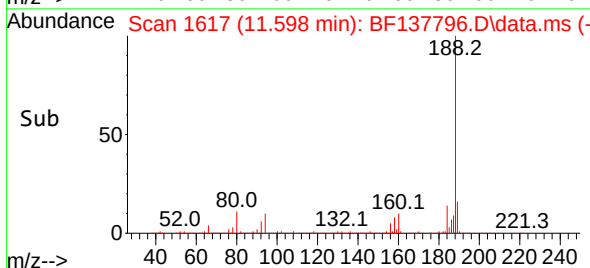
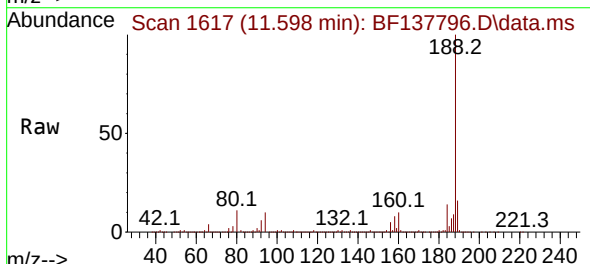


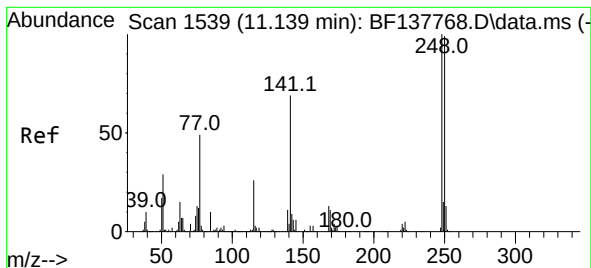
Tgt Ion:149 Resp: 1830663
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 13.3 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Tgt Ion:188 Resp: 731867
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 10.6 9.6 14.4

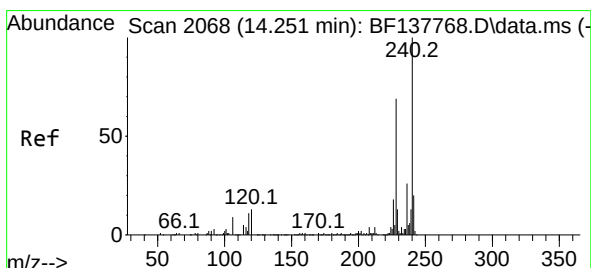
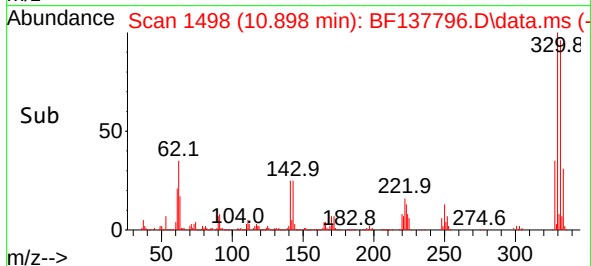
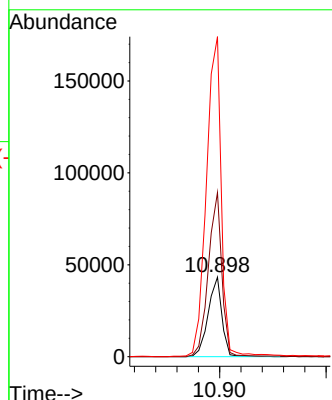
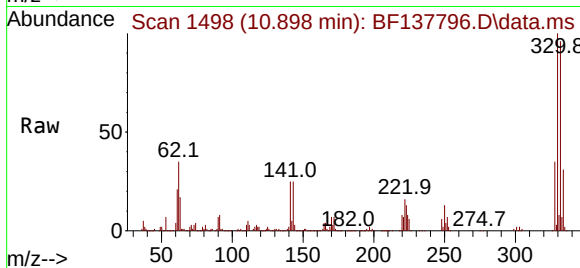




#67
4-Bromophenyl-phenylether
Concen: 4.989 ng
RT: 10.898 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

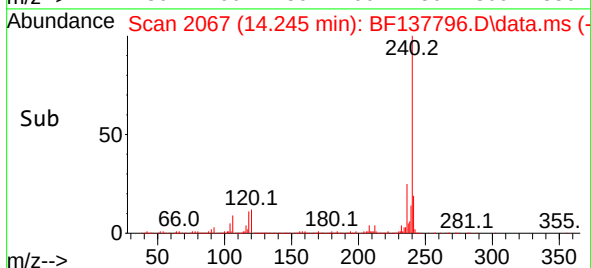
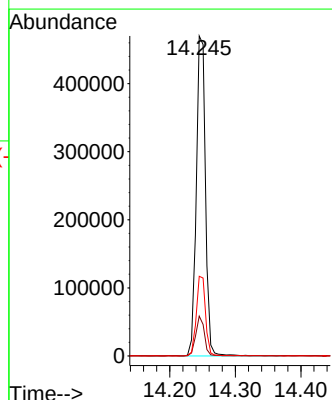
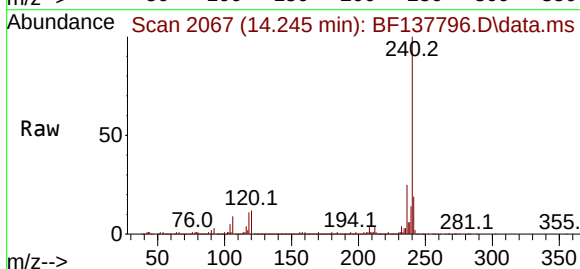
Instrument :
BNA_F
ClientSampleId :

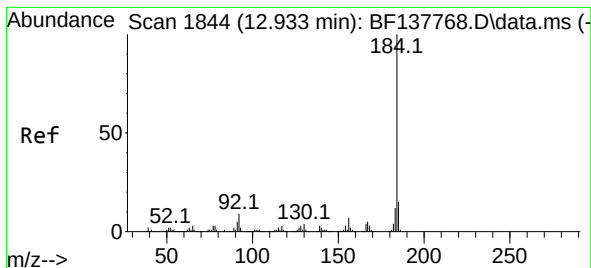
Tgt Ion:248 Resp: 39077
Ion Ratio Lower Upper
248 100
250 206.4 79.1 118.7#
141 402.1 55.4 83.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Tgt Ion:240 Resp: 458181
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 24.9 20.4 30.6





#77

Benzidine

Concen: 3.140 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137796.D

Acq: 01 May 2024 17:23

Instrument :

BNA_F

ClientSampleId :

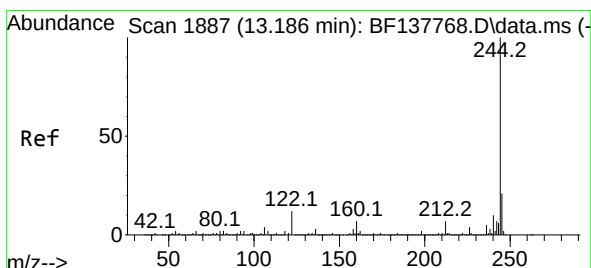
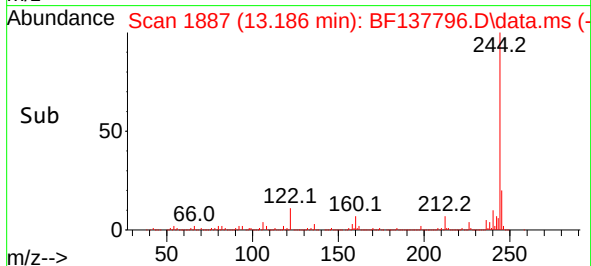
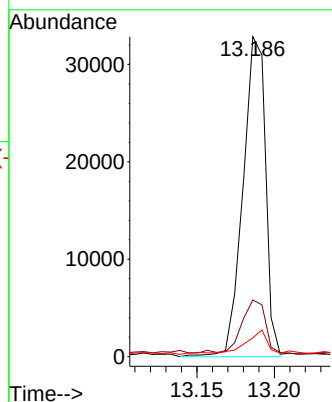
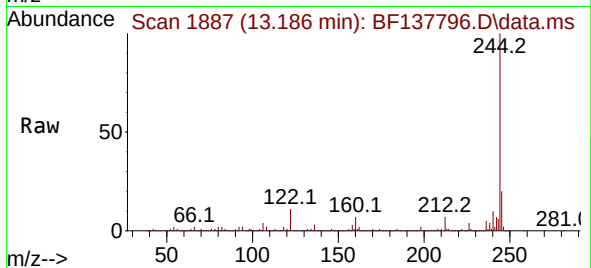
Tgt Ion:184 Resp: 33270

Ion Ratio Lower Upper

184 100

185 17.7 12.3 18.5

183 5.9 9.2 13.8#



#79

Terphenyl-d14

Concen: 100.927 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137796.D

Acq: 01 May 2024 17:23

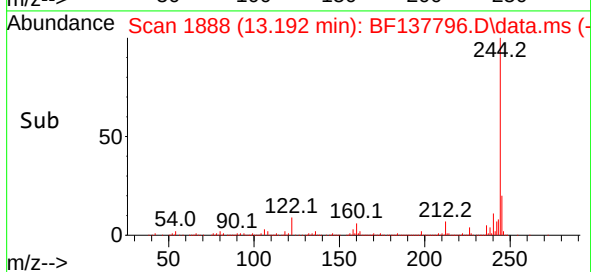
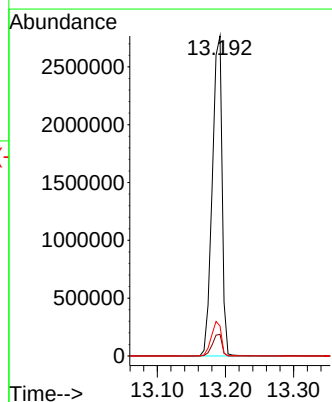
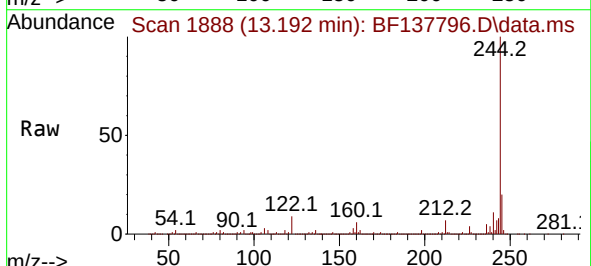
Tgt Ion:244 Resp: 2759336

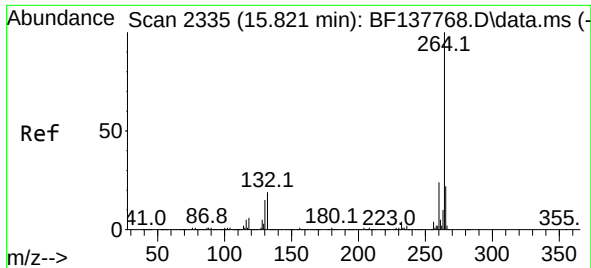
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

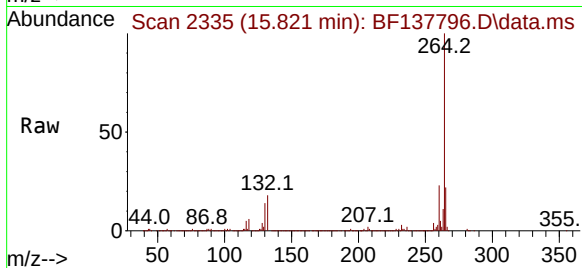
122 9.4 9.4 14.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137796.D
Acq: 01 May 2024 17:23

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 440074

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.4	26.0

