

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137828.D
 Acq On : 03 May 2024 13:15
 Operator : CG\JU
 Sample : PB160665BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BL

Quant Time: May 03 13:40:19 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)

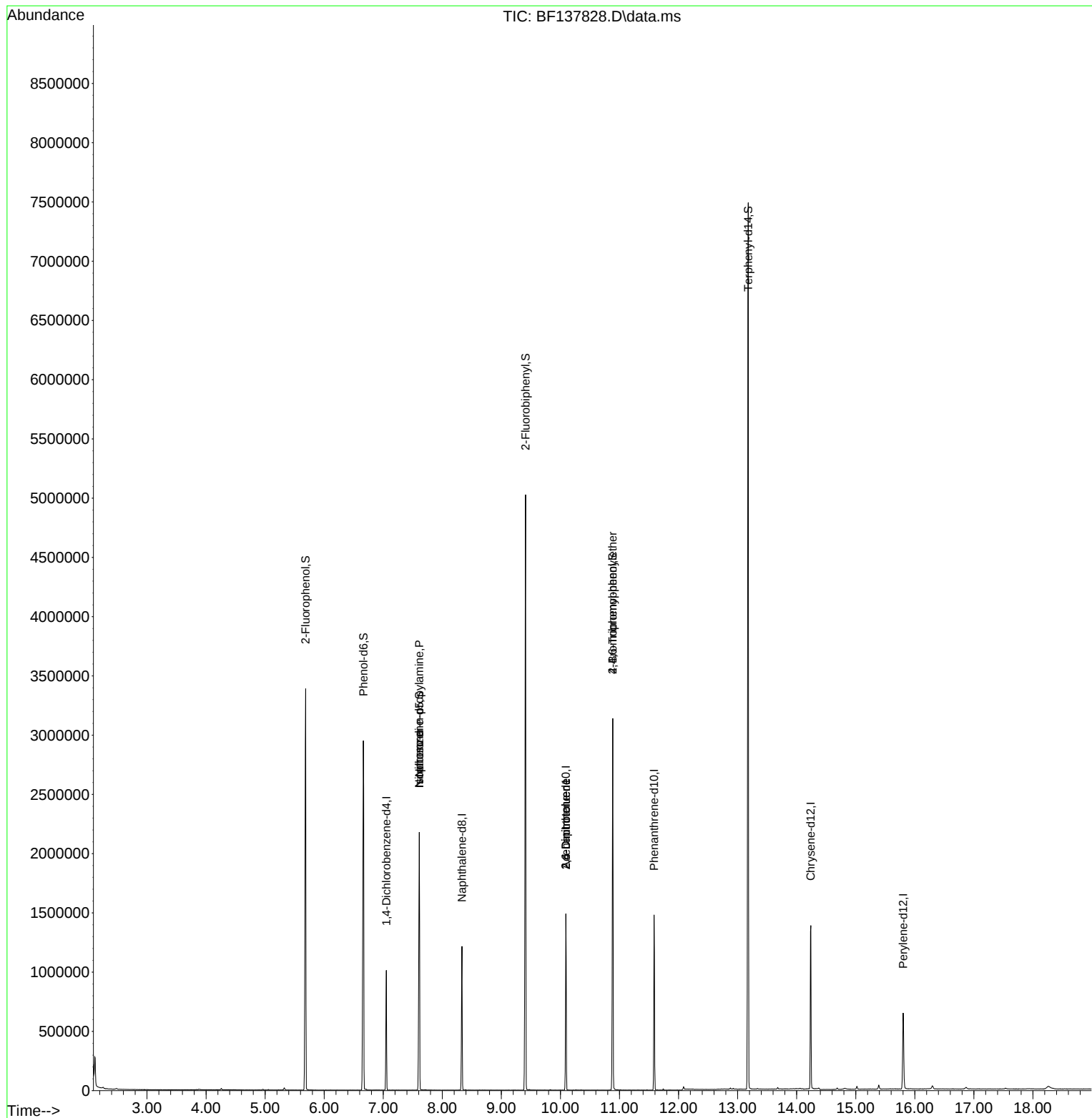
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	139424	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	540236	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	309186	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	526305	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	470964	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	297303	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1022819	122.826	ng	0.01
7) Phenol-d6	6.663	99	1265071	119.771	ng	-0.01
23) Nitrobenzene-d5	7.610	82	785705	84.496	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	395893	125.407	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1665331	87.383	ng	-0.01
79) Terphenyl-d14	13.180	244	2773075	98.676	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	105002	16.635	ng	# 76
25) Isophorone	7.610	82	785692	46.863	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	39010	8.745	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	39010	6.694	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	26060	4.627	ng	# 1

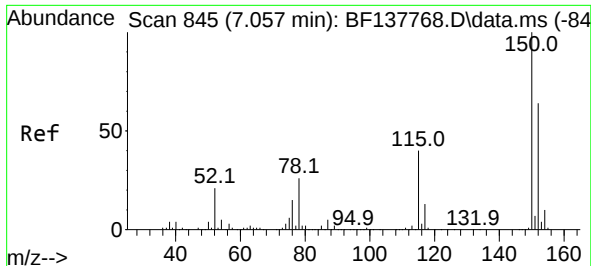
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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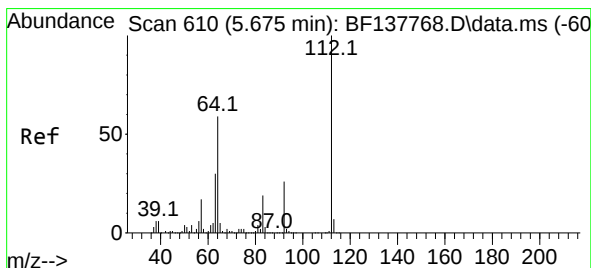
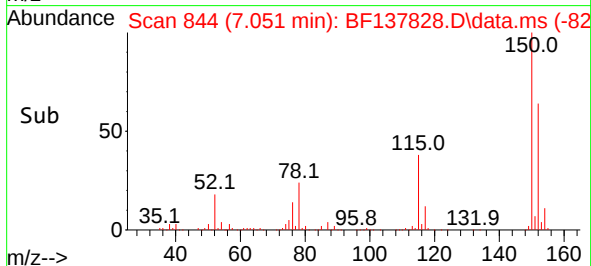
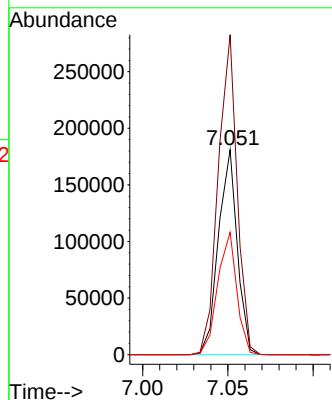
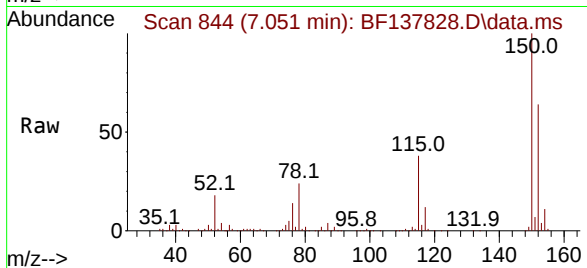




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

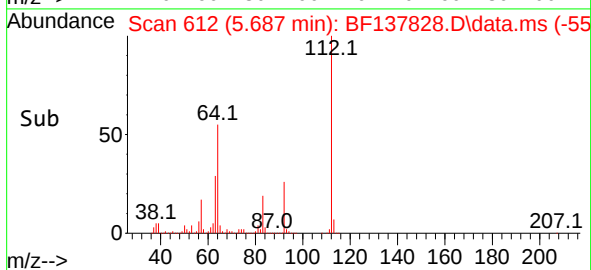
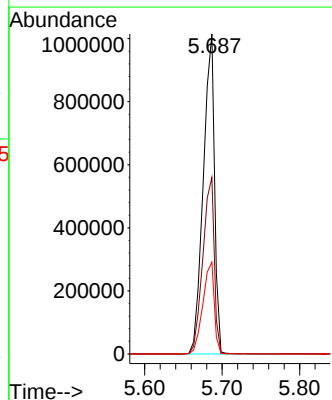
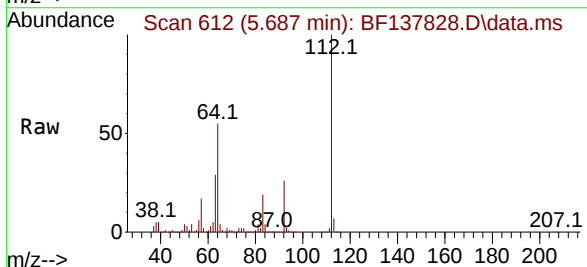
Instrument :
BNA_F
ClientSampleId :
PB160706BL

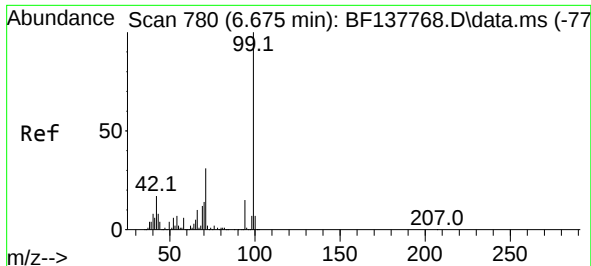
Tgt Ion:152 Resp: 139424
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 59.7 49.1 73.7



#5
2-Fluorophenol
Concen: 122.826 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

Tgt Ion:112 Resp: 1022819
Ion Ratio Lower Upper
112 100
64 55.1 47.3 70.9
63 28.7 23.7 35.5

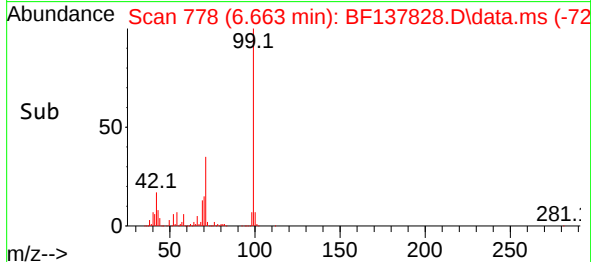
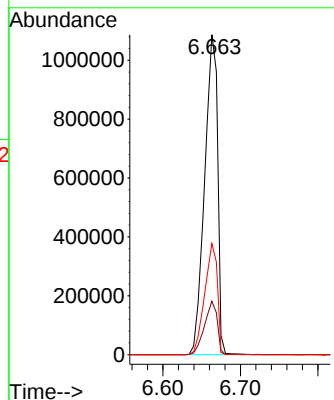
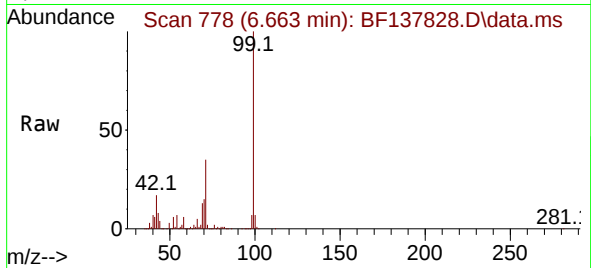




#7
Phenol-d6
Concen: 119.771 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

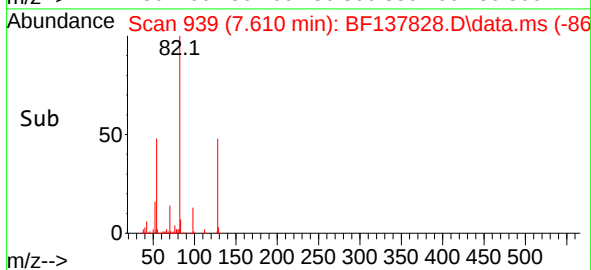
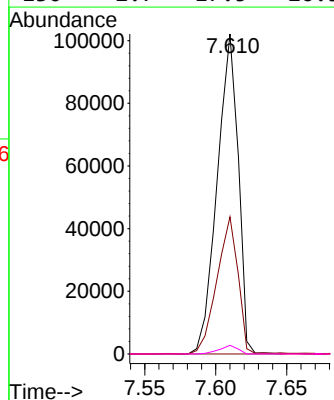
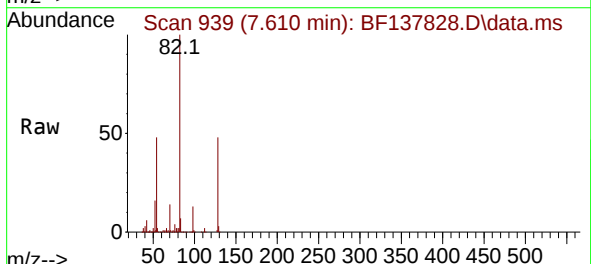
Instrument :
BNA_F
ClientSampleId :
PB160706BL

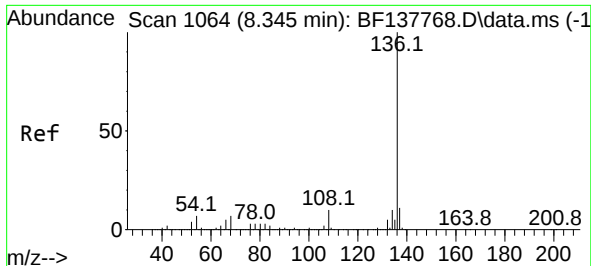
Tgt Ion: 99 Resp: 1265071
Ion Ratio Lower Upper
99 100
42 16.7 13.2 19.8
71 34.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.635 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

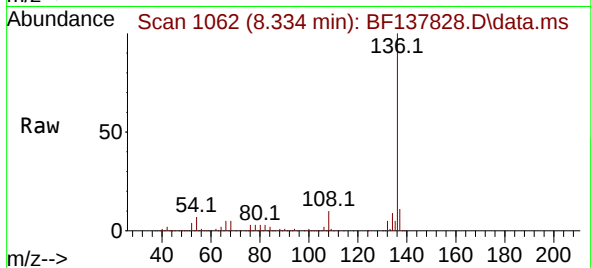
Tgt Ion: 70 Resp: 105002
Ion Ratio Lower Upper
70 100
42 42.9 44.6 66.8#
101 0.0 7.8 11.6#
130 2.7 17.5 26.3#



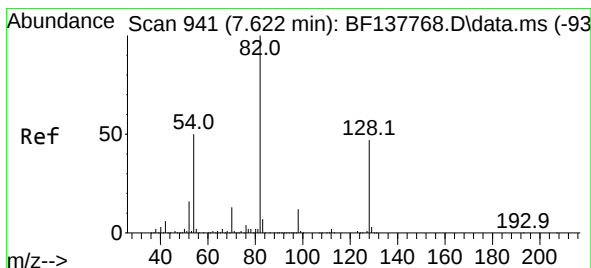
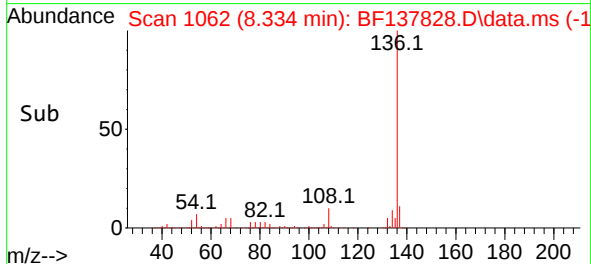
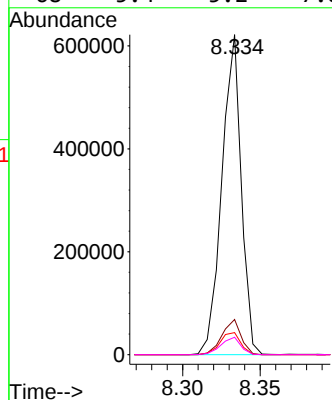


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

Instrument :
BNA_F
ClientSampleId :
PB160706BL

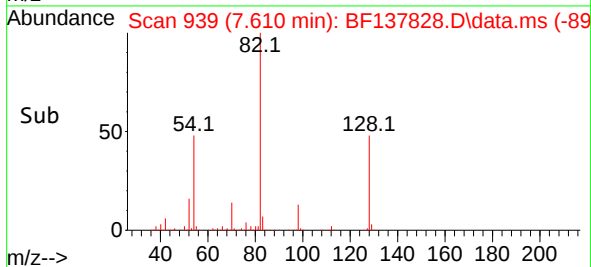
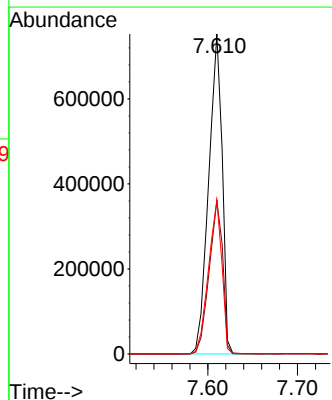
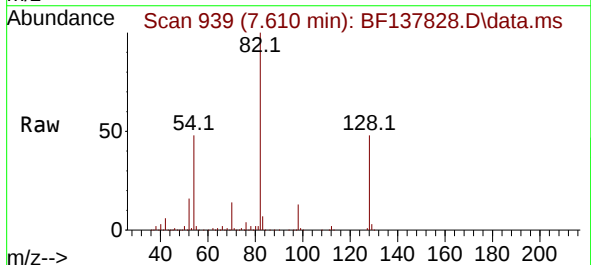


Tgt Ion:136 Resp: 540236
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.8 8.8
68 5.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 84.496 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

Tgt Ion: 82 Resp: 785705
Ion Ratio Lower Upper
82 100
128 47.9 37.5 56.3
54 48.1 39.8 59.6

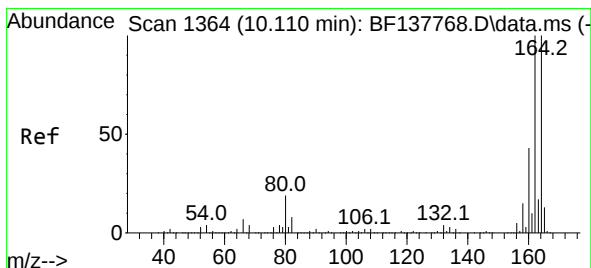
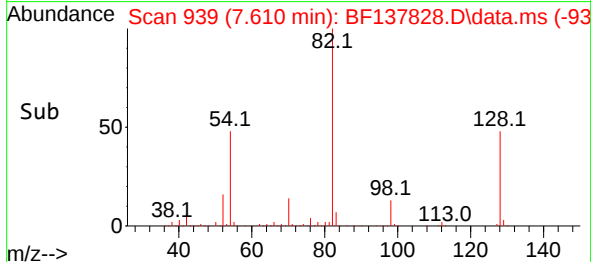
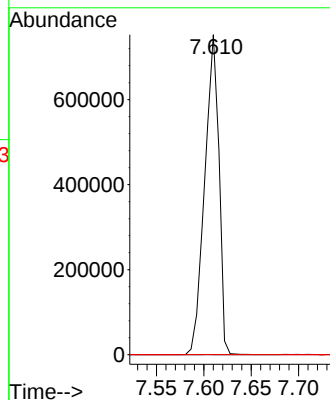
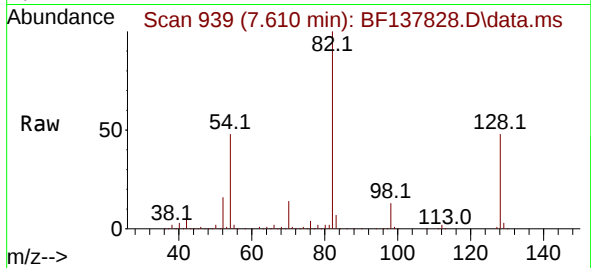




#25
Isophorone
Concen: 46.863 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

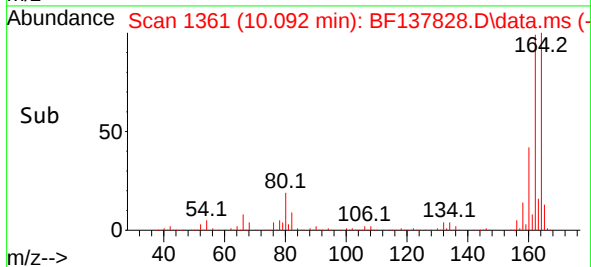
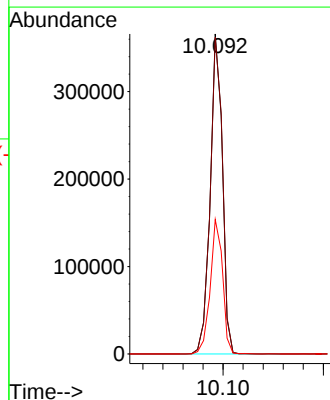
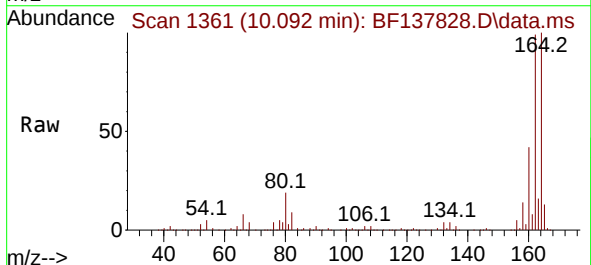
Instrument :
BNA_F
ClientSampleId :
PB160706BL

Tgt Ion: 82 Resp: 785692
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: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

Tgt Ion: 164 Resp: 309186
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.6
160 42.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 125.407 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

Instrument :

BNA_F

ClientSampleId :

PB160706BL

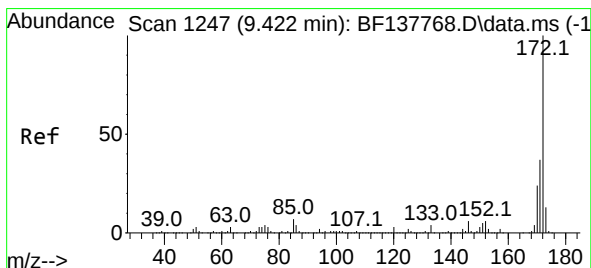
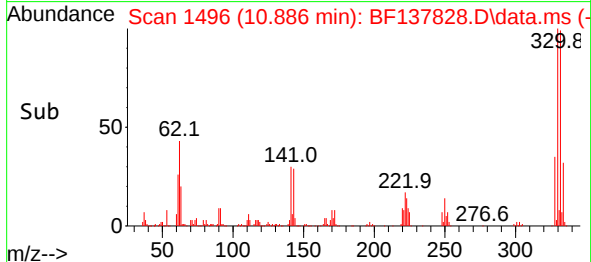
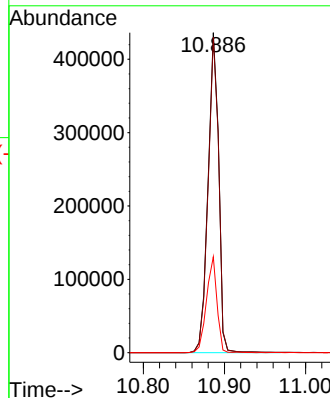
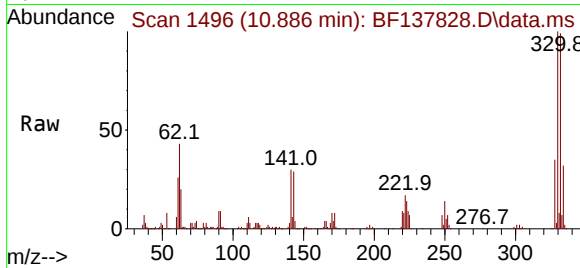
Tgt Ion:330 Resp: 395893

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

141 29.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 87.383 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

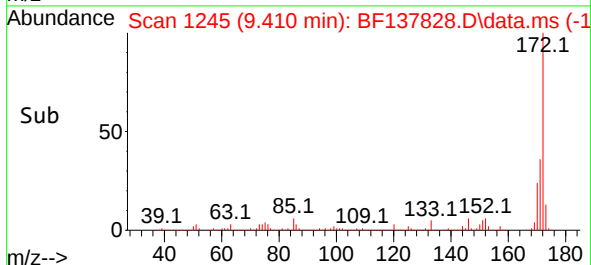
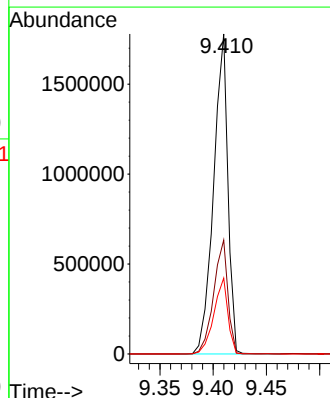
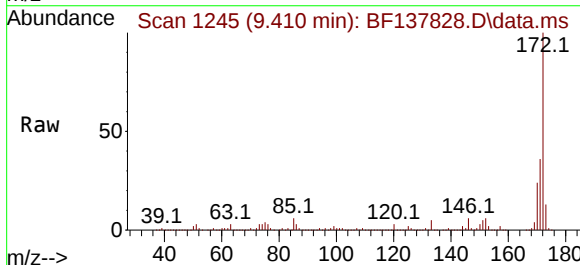
Tgt Ion:172 Resp: 1665331

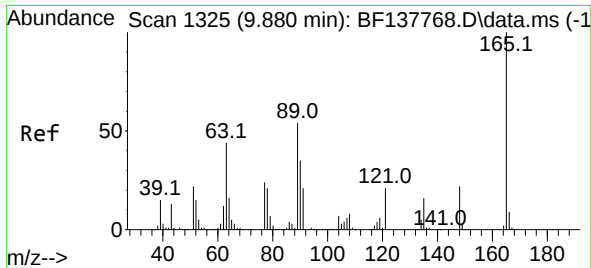
Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

170 23.7 19.4 29.2

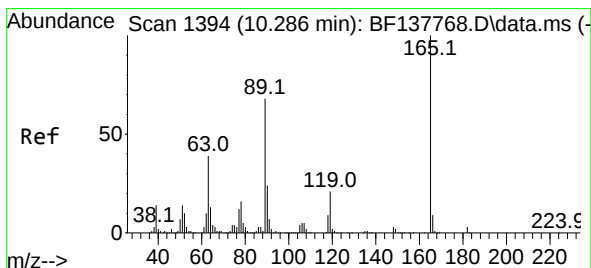
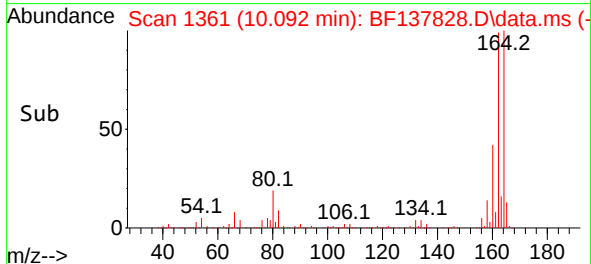
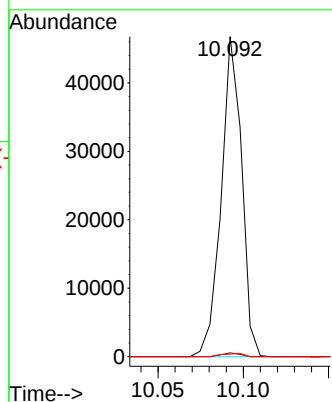
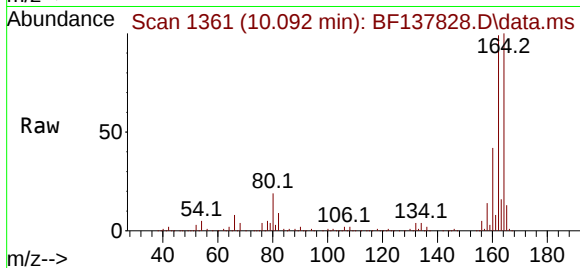




#51
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

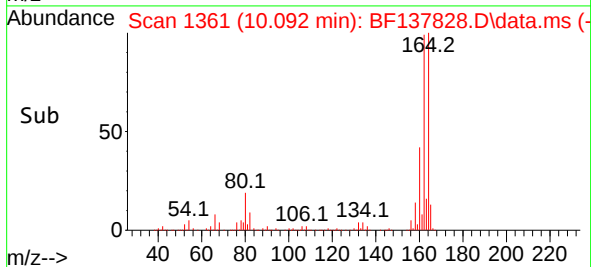
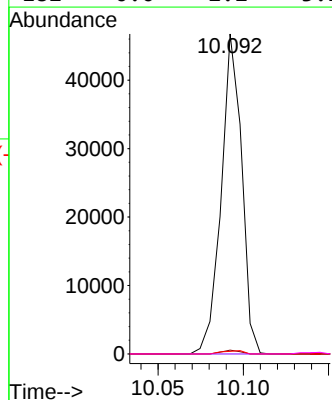
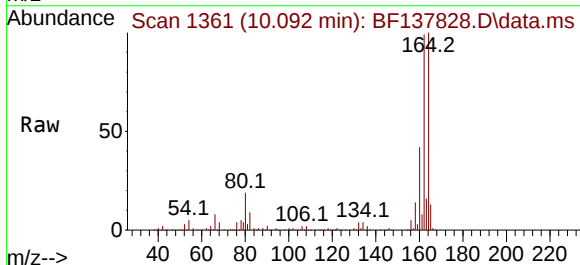
Instrument :
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Tgt Ion:165 Resp: 39010
Ion Ratio Lower Upper
165 100
63 1.2 41.9 62.9#
89 0.8 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137828.D
Acq: 03 May 2024 13:15

Tgt Ion:165 Resp: 39010
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 0.8 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

Instrument :

BNA_F

ClientSampleId :

PB160706BL

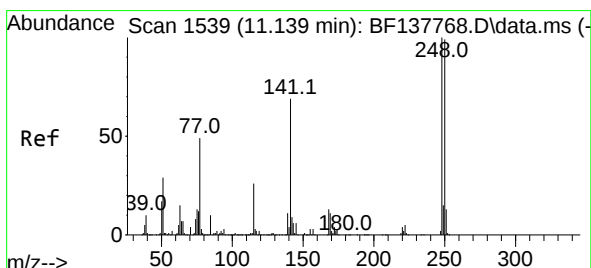
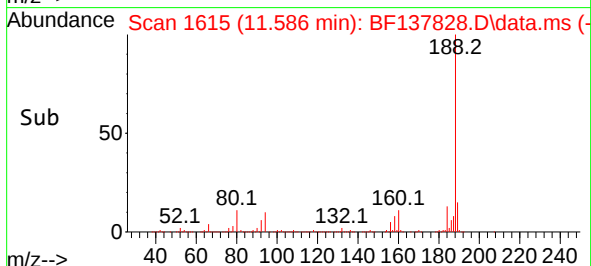
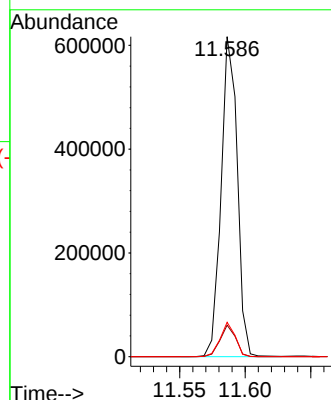
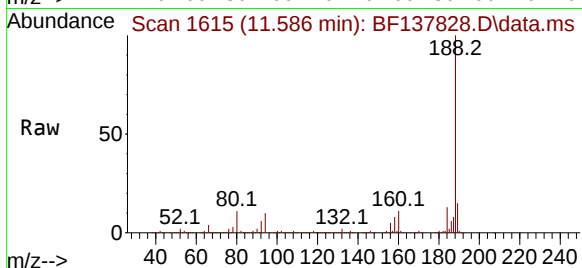
Tgt Ion:188 Resp: 526305

Ion Ratio Lower Upper

188 100

94 9.9 8.8 13.2

80 10.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.627 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

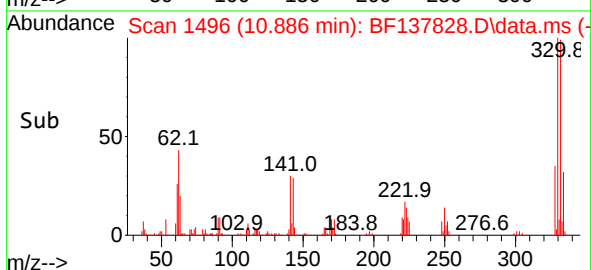
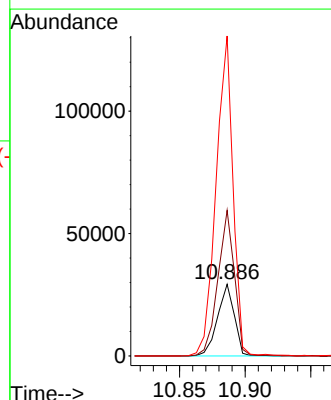
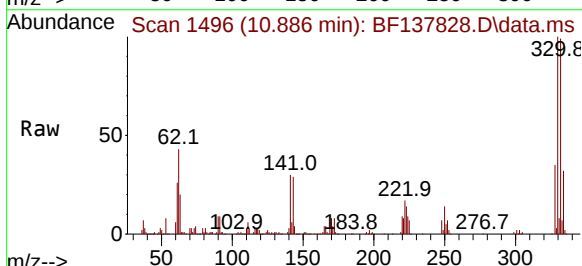
Tgt Ion:248 Resp: 26060

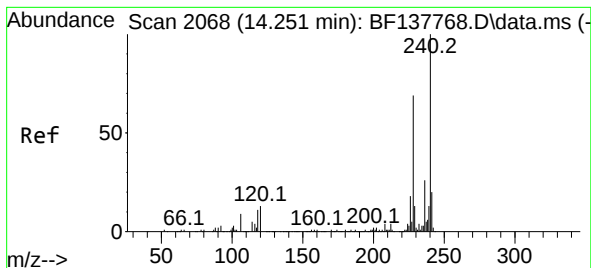
Ion Ratio Lower Upper

248 100

250 202.9 79.1 118.7#

141 446.1 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

Instrument :

BNA_F

ClientSampleId :

PB160706BL

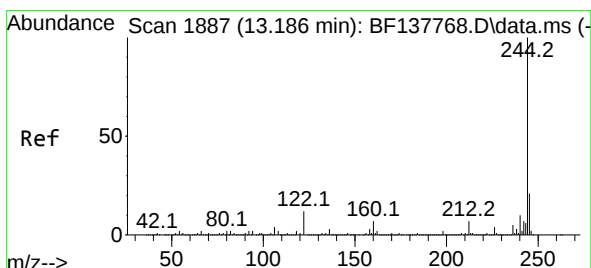
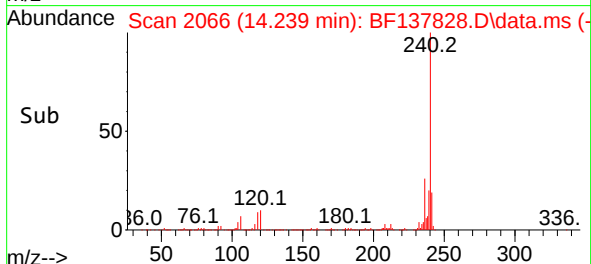
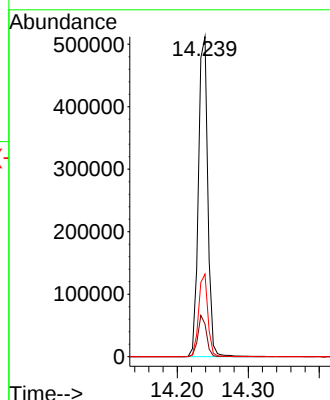
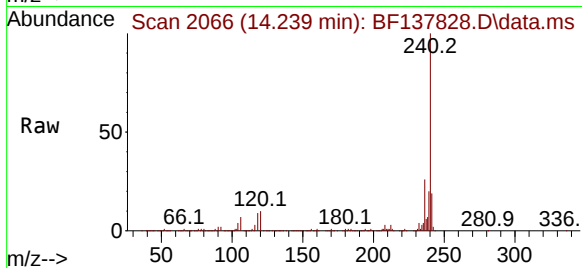
Tgt Ion:240 Resp: 470964

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

236 25.8 20.4 30.6



#79

Terphenyl-d14

Concen: 98.676 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137828.D

Acq: 03 May 2024 13:15

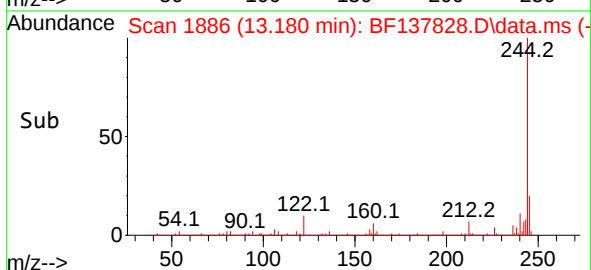
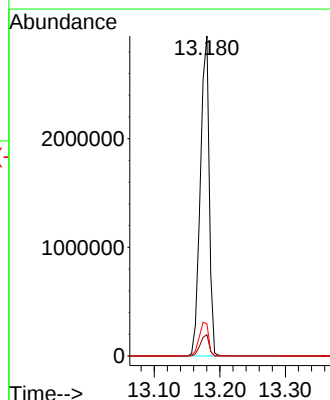
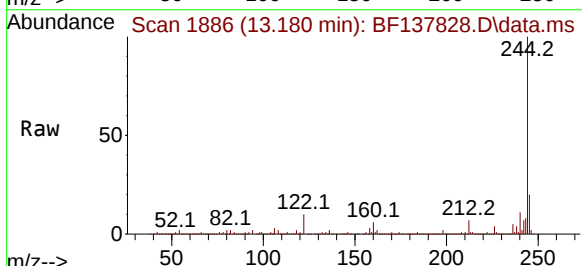
Tgt Ion:244 Resp: 2773075

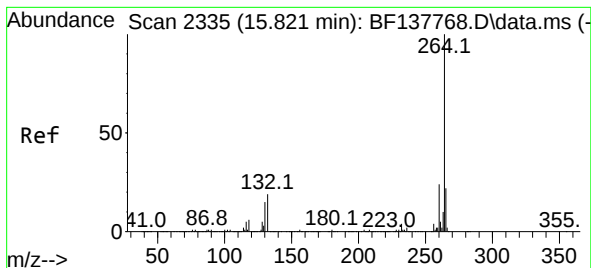
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 10.0 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137828.D

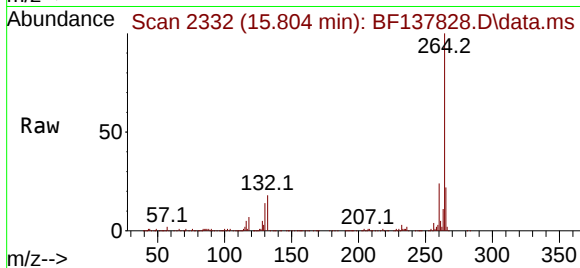
Acq: 03 May 2024 13:15

Instrument :

BNA_F

ClientSampleId :

PB160706BL



Tgt Ion:264 Resp: 297303

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.6 17.4 26.0

