

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137853.D
 Acq On : 08 May 2024 14:12
 Operator : CG\JU
 Sample : P2413-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CC

Quant Time: May 08 14:48:52 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)

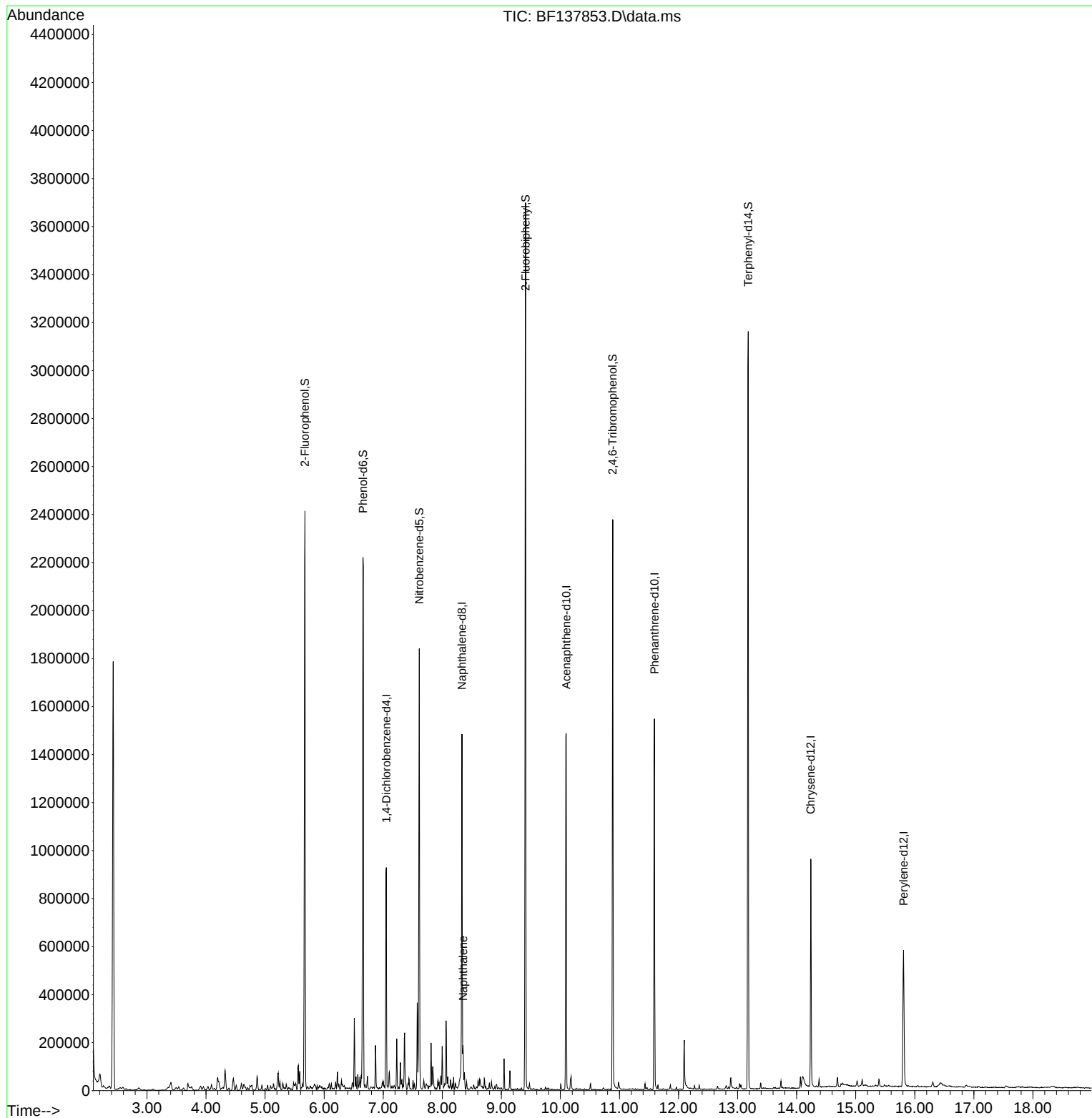
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	142665	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	567252	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	331825	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	556764	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	300102	20.000	ng	-0.01
86) Perylene-d12	15.810	264	283656	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	710626	83.398	ng	0.00
7) Phenol-d6	6.657	99	894033	82.720	ng	-0.02
23) Nitrobenzene-d5	7.610	82	524942	53.765	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	274304	80.963	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1138427	55.660	ng	-0.01
79) Terphenyl-d14	13.180	244	1164227	65.014	ng	0.00
Target Compounds						
31) Naphthalene	8.351	128	56778	2.014	ng	Qvalue 97

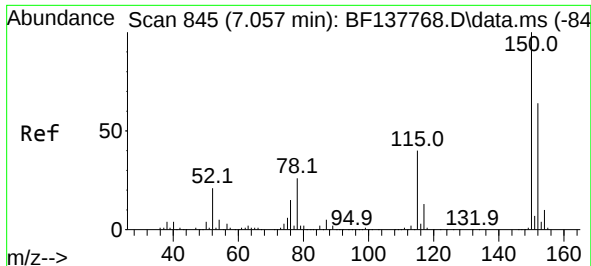
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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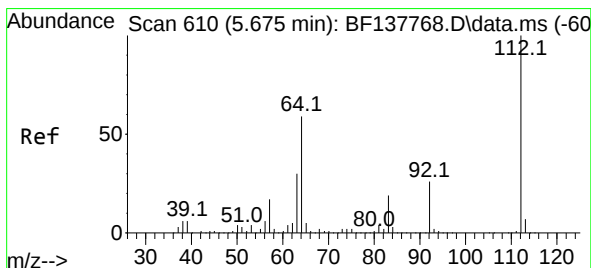
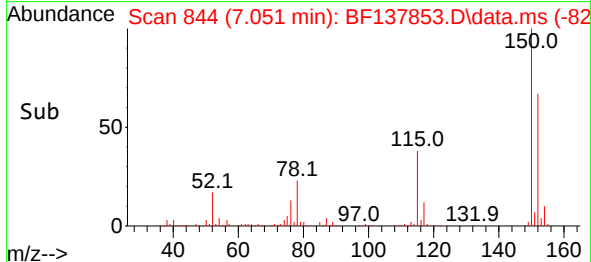
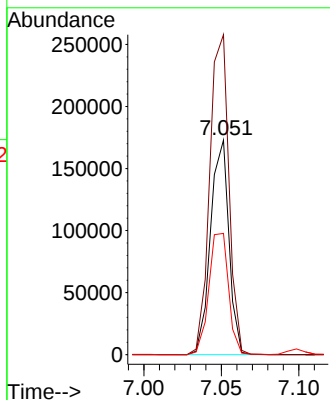
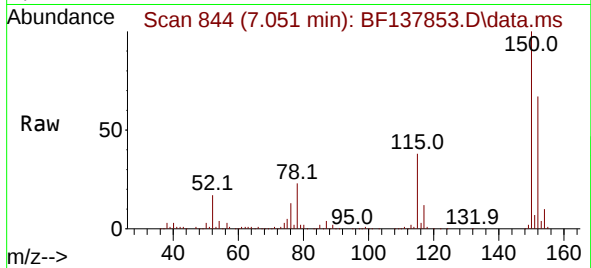




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

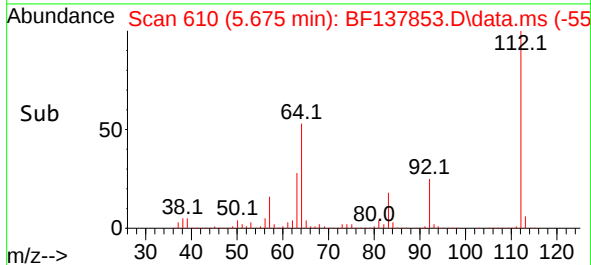
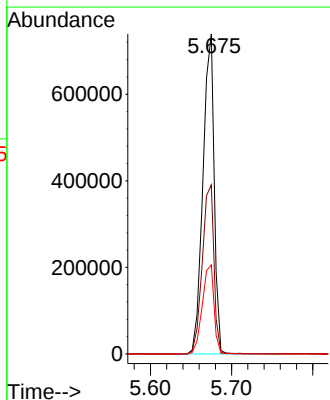
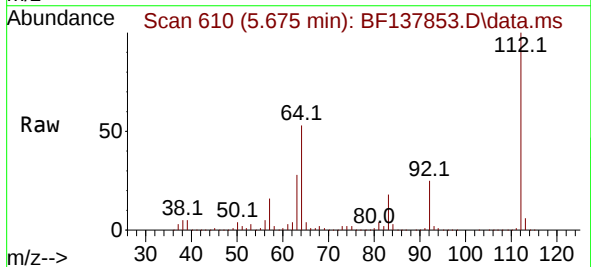
Instrument :
BNA_F
ClientSampleId :
WC-CC

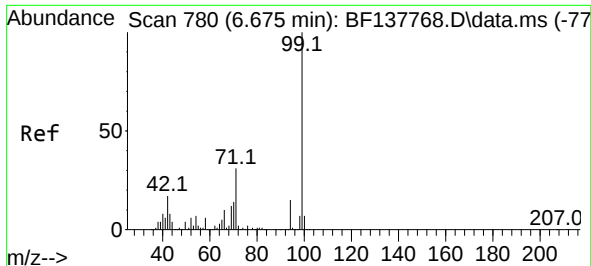
Tgt Ion:152 Resp: 142665
Ion Ratio Lower Upper
152 100
150 149.1 124.1 186.1
115 56.5 49.1 73.7



#5
2-Fluorophenol
Concen: 83.398 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:112 Resp: 710626
Ion Ratio Lower Upper
112 100
64 52.8 47.3 70.9
63 27.8 23.7 35.5

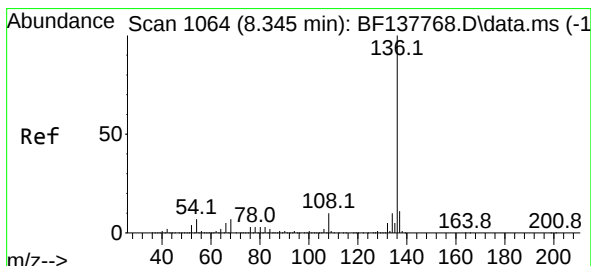
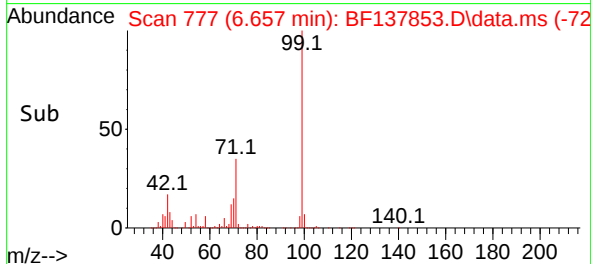
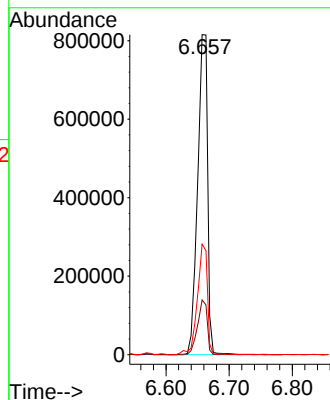
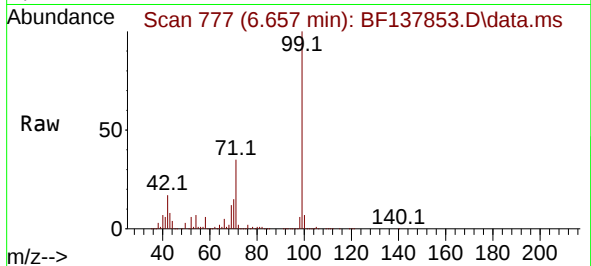




#7
Phenol-d6
Concen: 82.720 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

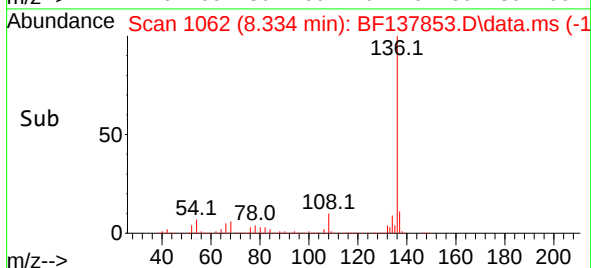
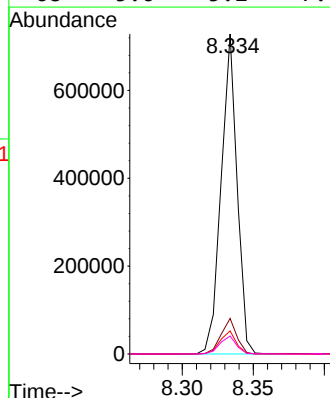
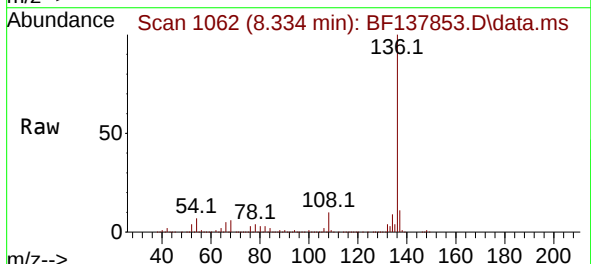
Instrument :
BNA_F
ClientSampleId :
WC-CC

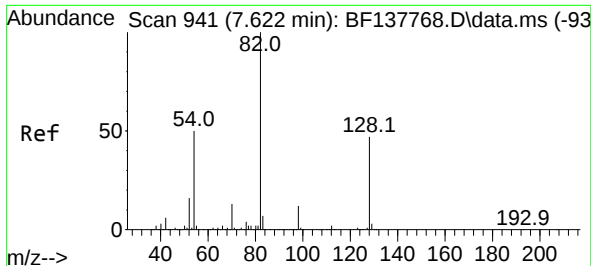
Tgt Ion: 99 Resp: 894033
Ion Ratio Lower Upper
99 100
42 17.1 13.2 19.8
71 34.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion: 136 Resp: 567252
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.8 8.8
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 53.765 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

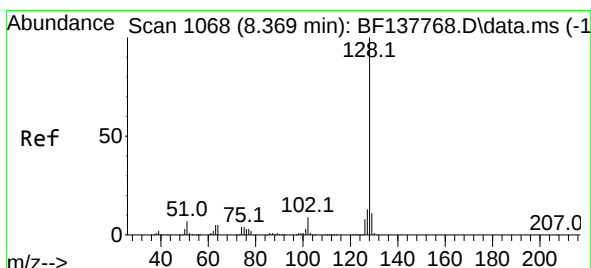
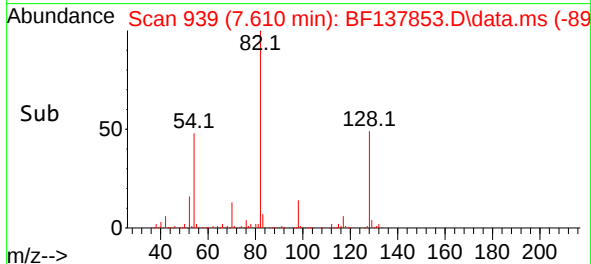
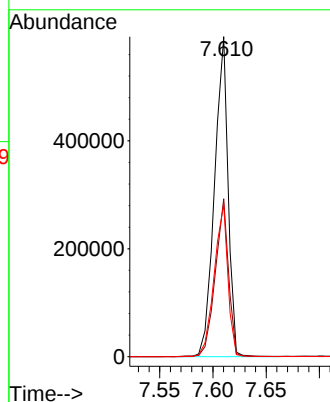
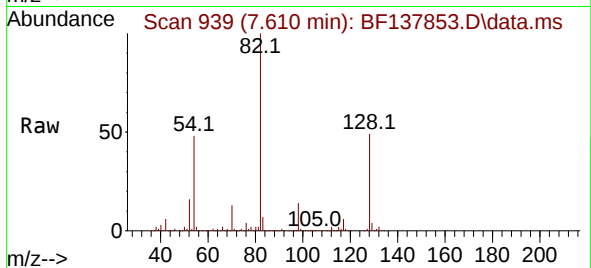
Tgt Ion: 82 Resp: 524942

Ion Ratio Lower Upper

82 100

128 49.3 37.5 56.3

54 47.6 39.8 59.6



#31

Naphthalene

Concen: 2.014 ng

RT: 8.351 min Scan# 1065

Delta R.T. -0.018 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

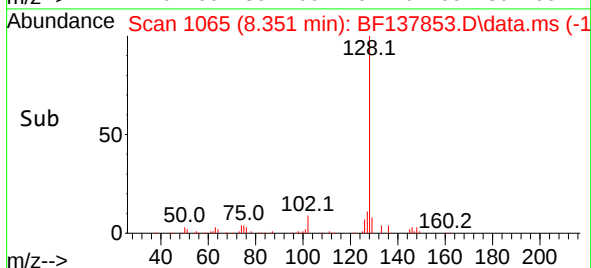
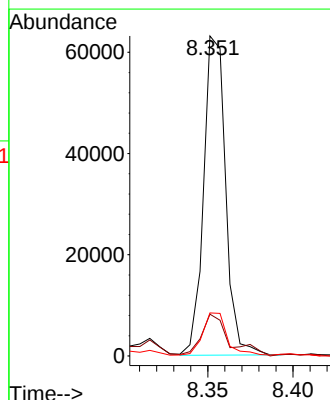
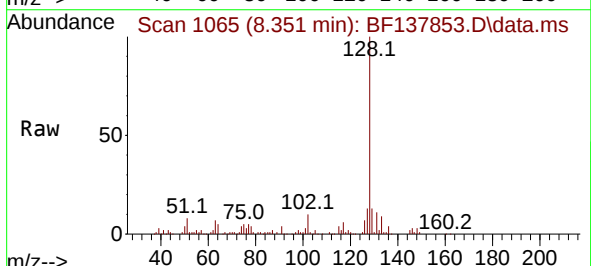
Tgt Ion: 128 Resp: 56778

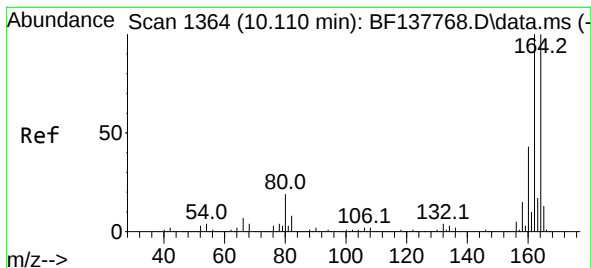
Ion Ratio Lower Upper

128 100

129 13.1 8.8 13.2

127 13.5 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

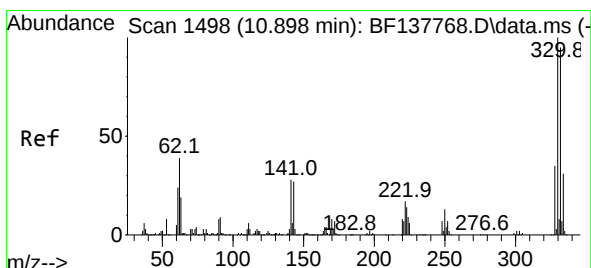
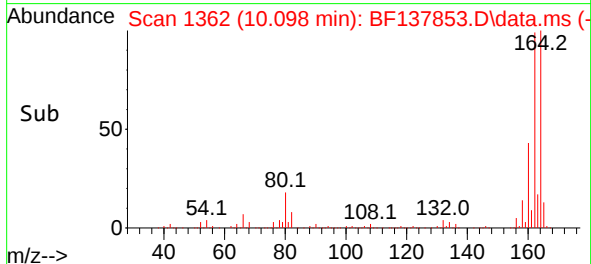
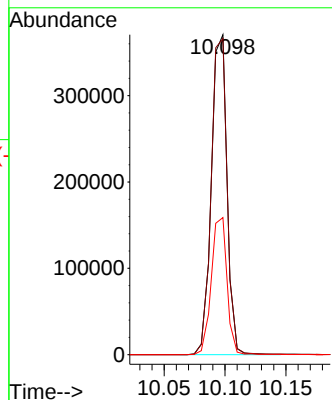
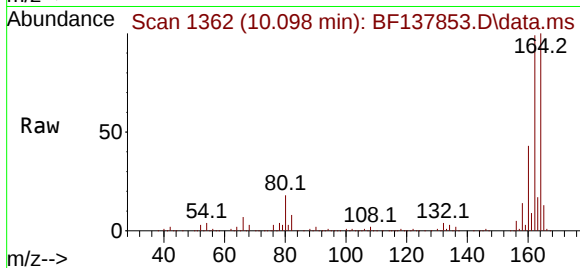
Tgt Ion:164 Resp: 331825

Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.6

160 42.9 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 80.963 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

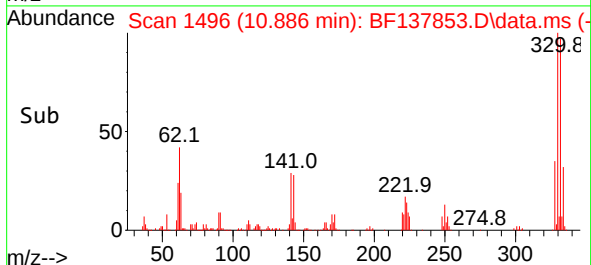
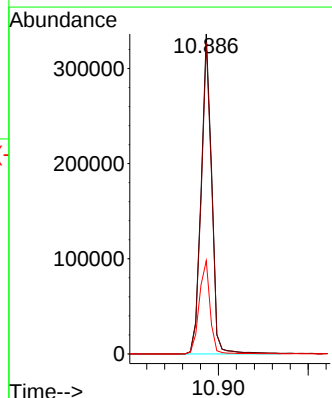
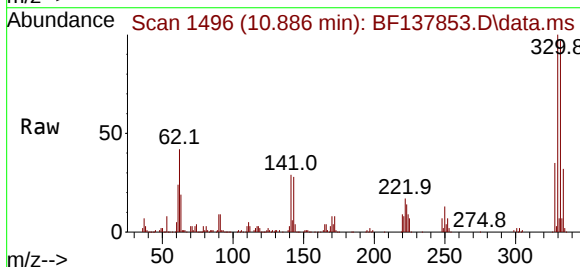
Tgt Ion:330 Resp: 274304

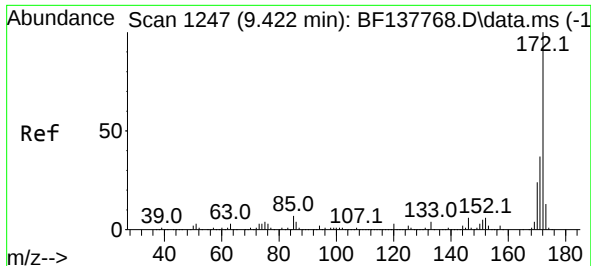
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.1 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 55.660 ng

RT: 9.410 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

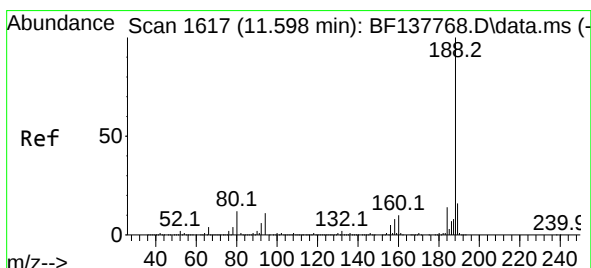
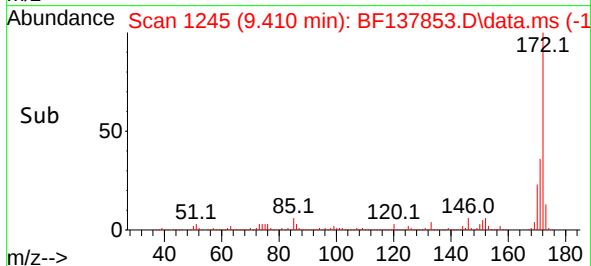
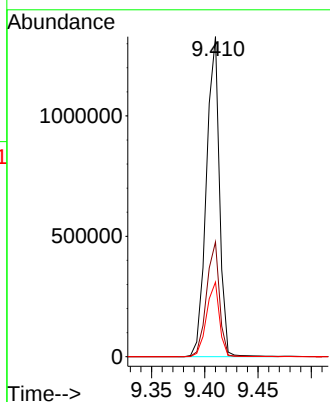
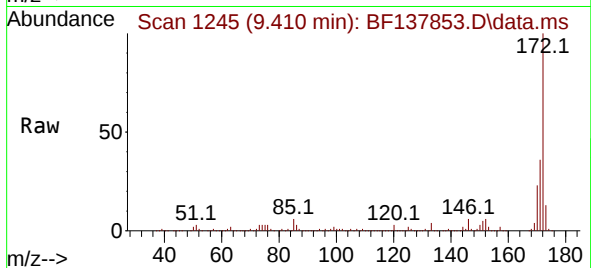
Tgt Ion:172 Resp: 1138427

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.3 19.4 29.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

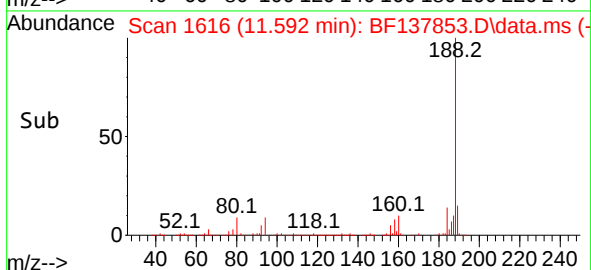
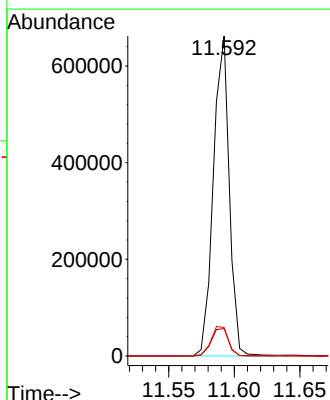
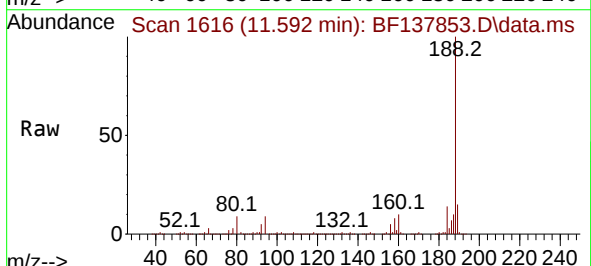
Tgt Ion:188 Resp: 556764

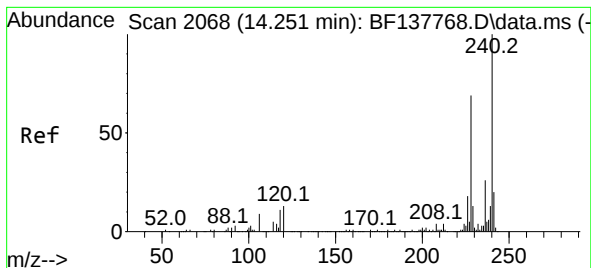
Ion Ratio Lower Upper

188 100

94 8.5 8.8 13.2#

80 8.9 9.6 14.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

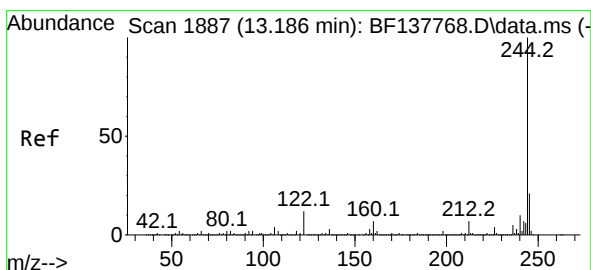
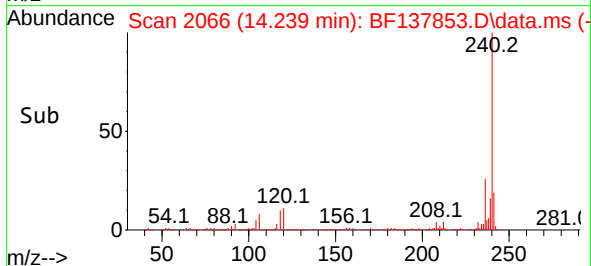
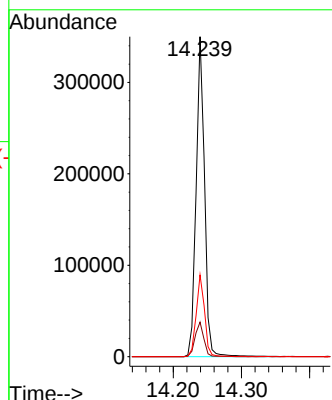
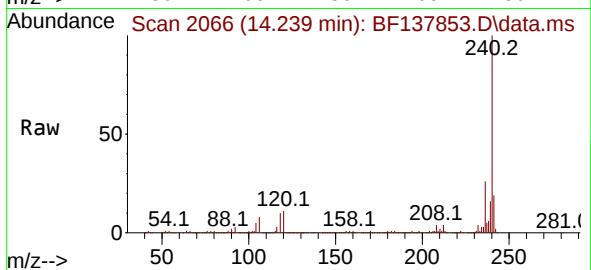
Tgt Ion:240 Resp: 300102

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 65.014 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

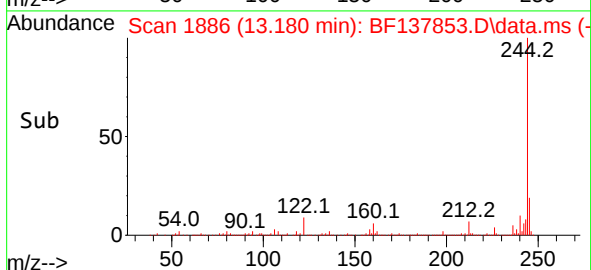
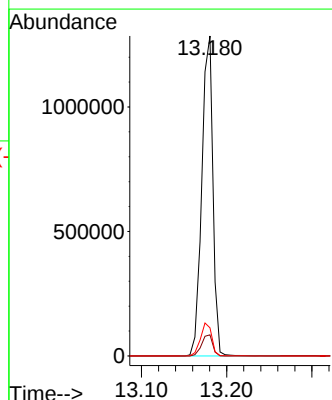
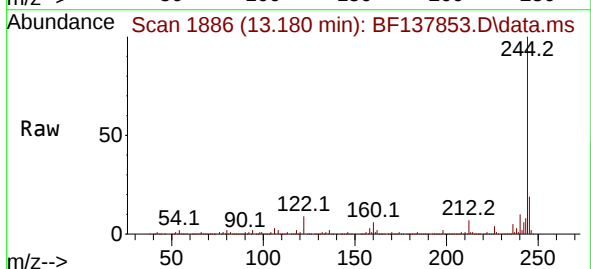
Tgt Ion:244 Resp: 1164227

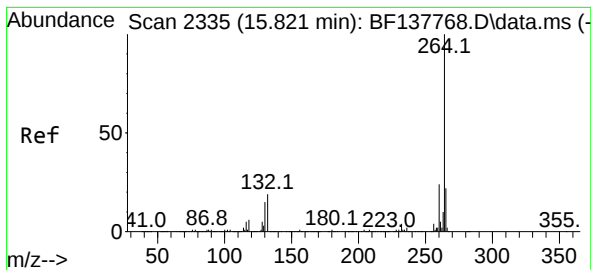
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 8.8 9.4 14.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137853.D

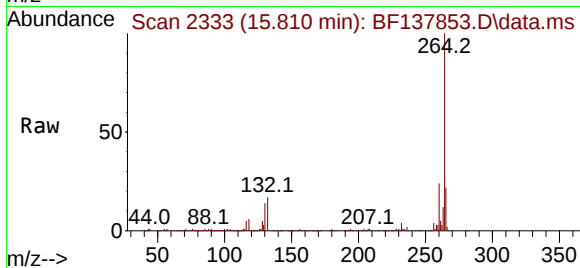
Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC



Tgt Ion:264 Resp: 283656

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.9 17.4 26.0

