

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137886.D
 Acq On : 10 May 2024 17:52
 Operator : CG\JU
 Sample : P2422-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-D

Quant Time: May 11 00:39:56 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	150603	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	580589	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	323155	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	481750	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	261520	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	201430	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1126196	125.202	ng	0.01
7) Phenol-d6	6.663	99	1283106	112.461	ng	-0.01
23) Nitrobenzene-d5	7.610	82	897485	89.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	404275	122.526	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1837263	92.238	ng	-0.01
79) Terphenyl-d14	13.174	244	1581592	101.351	ng	-0.01

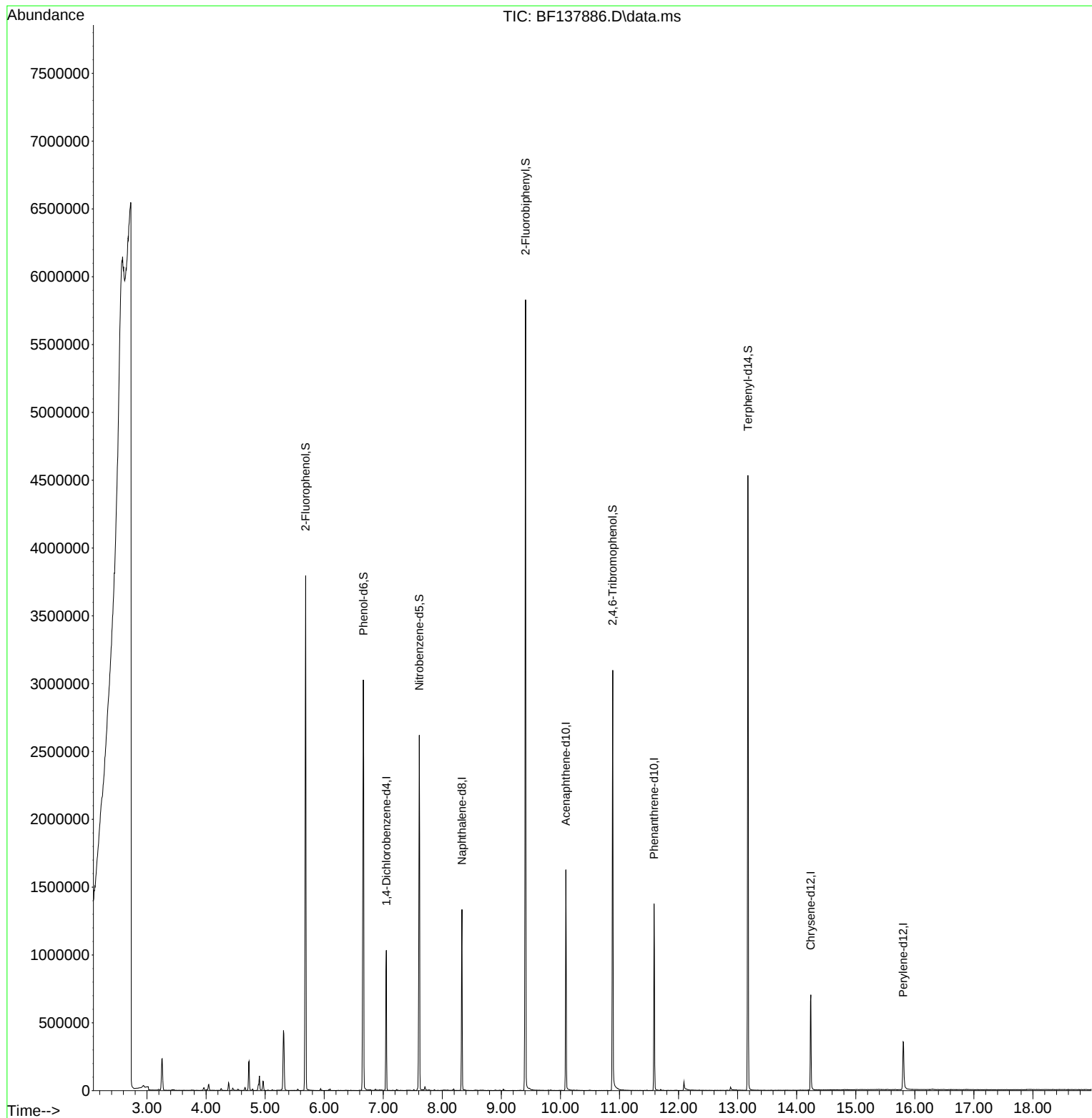
Target Compounds	Qvalue

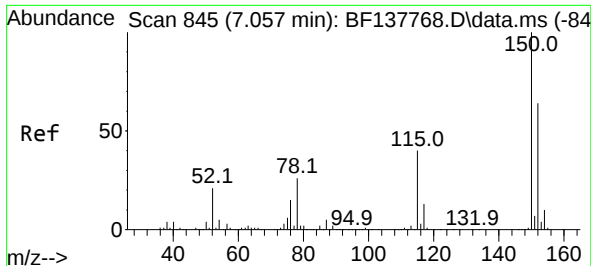
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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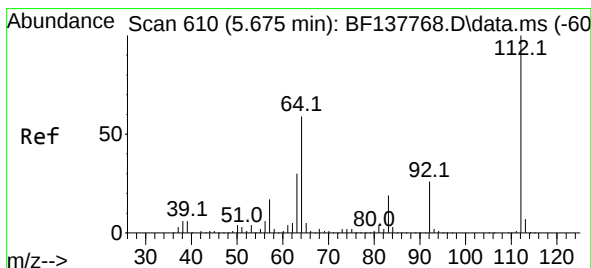
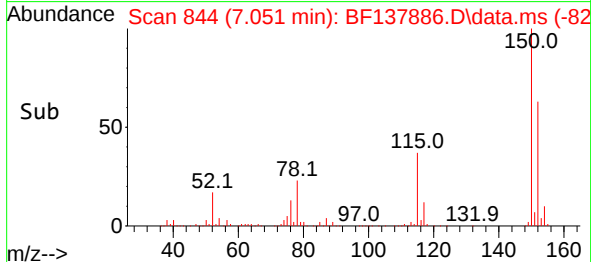
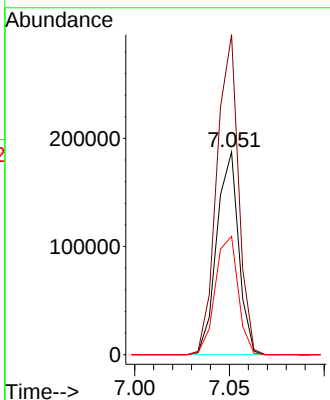
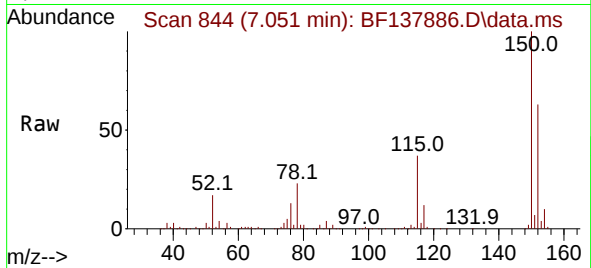




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

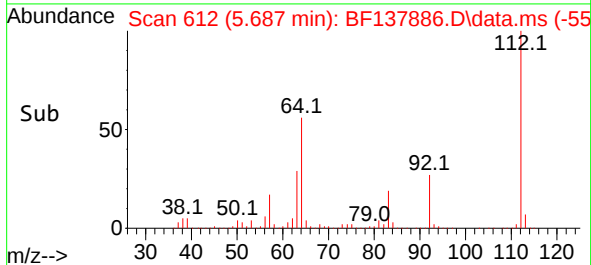
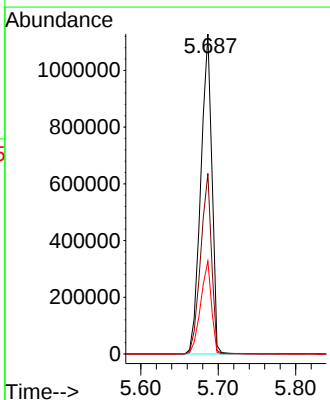
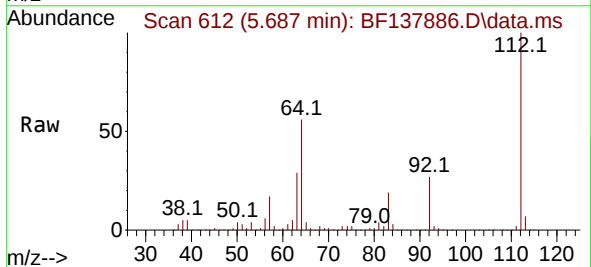
Instrument :
BNA_F
ClientSampleId :
WCS-TP-D

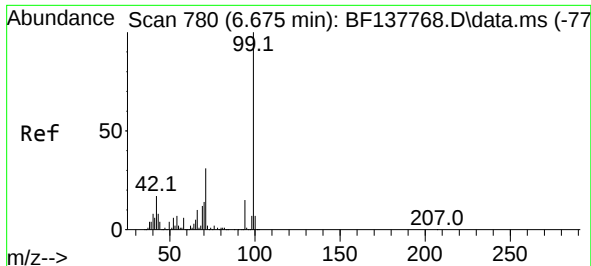
Tgt Ion:152 Resp: 150603
Ion Ratio Lower Upper
152 100
150 157.8 124.1 186.1
115 58.4 49.1 73.7



#5
2-Fluorophenol
Concen: 125.202 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:112 Resp: 1126196
Ion Ratio Lower Upper
112 100
64 56.4 47.3 70.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 112.461 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-D

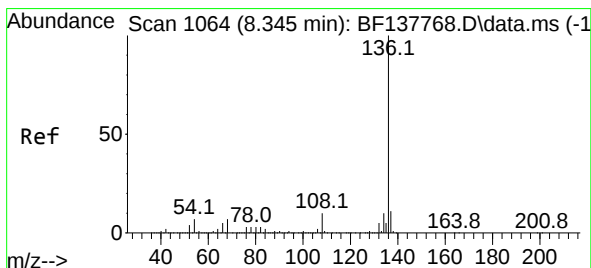
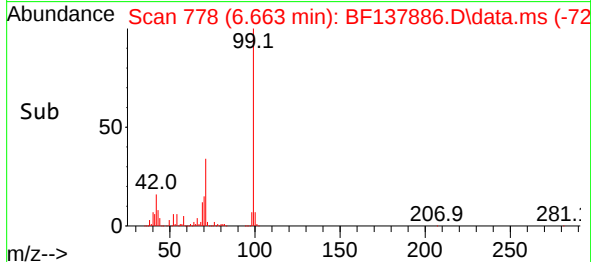
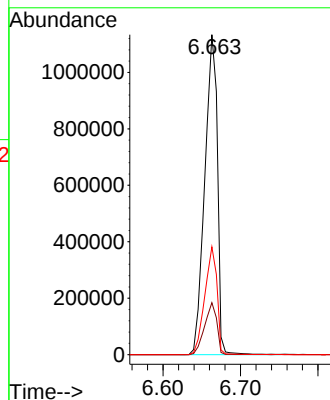
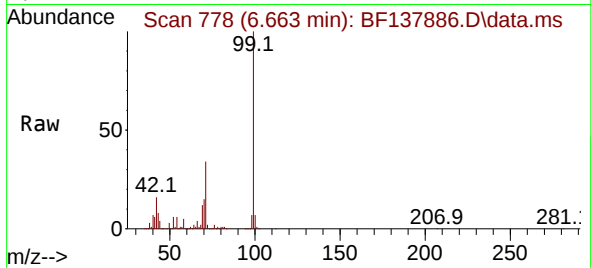
Tgt Ion: 99 Resp: 1283106

Ion Ratio Lower Upper

99 100

42 16.3 13.2 19.8

71 33.7 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.333 min Scan# 1062

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

Tgt Ion: 136 Resp: 580589

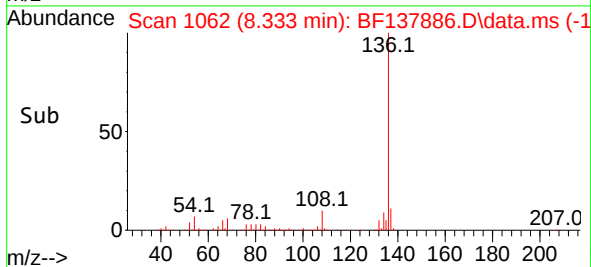
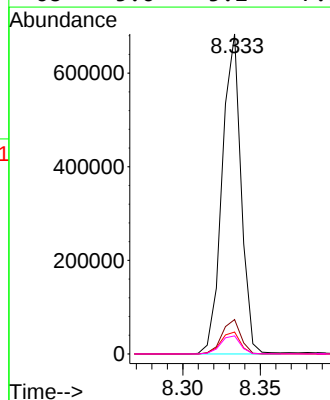
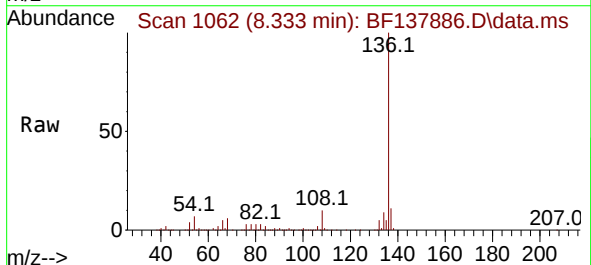
Ion Ratio Lower Upper

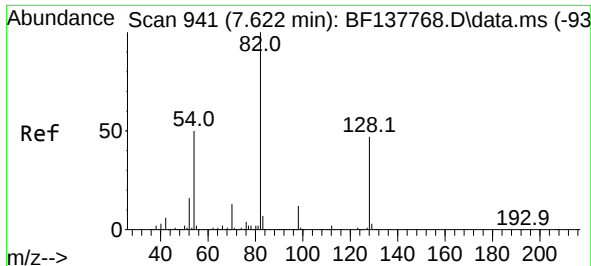
136 100

137 10.8 8.8 13.2

54 6.9 5.8 8.8

68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 89.809 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-D

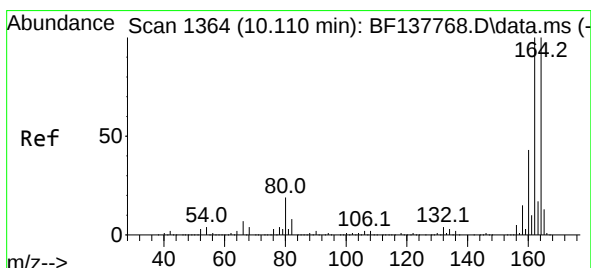
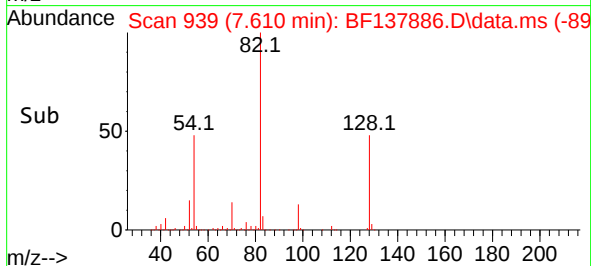
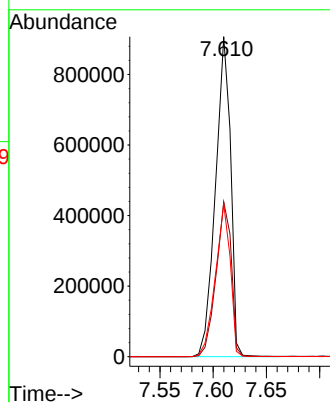
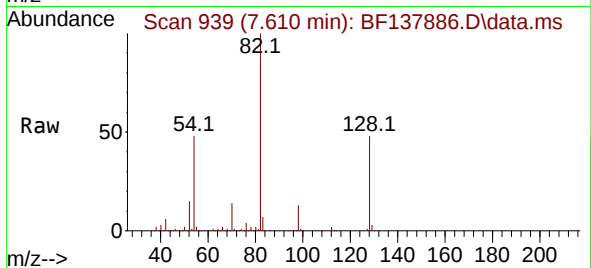
Tgt Ion: 82 Resp: 897485

Ion Ratio Lower Upper

82 100

128 48.4 37.5 56.3

54 47.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

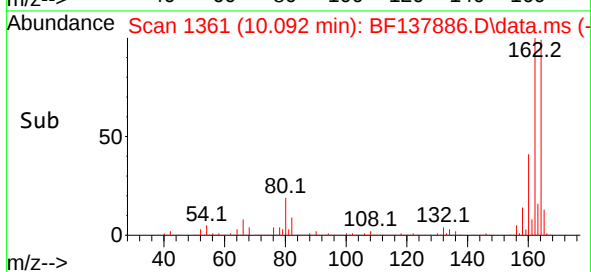
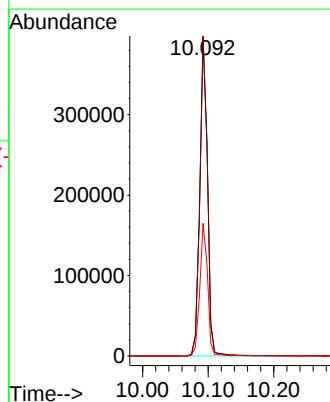
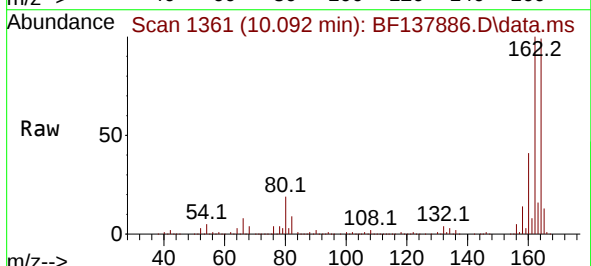
Tgt Ion: 164 Resp: 323155

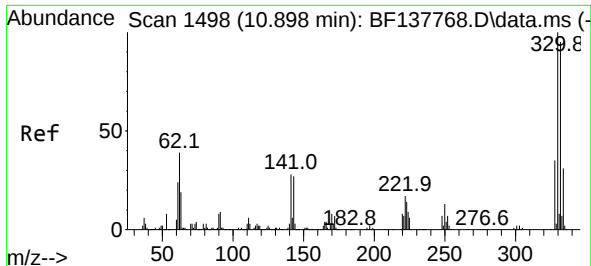
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

160 41.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 122.526 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-D

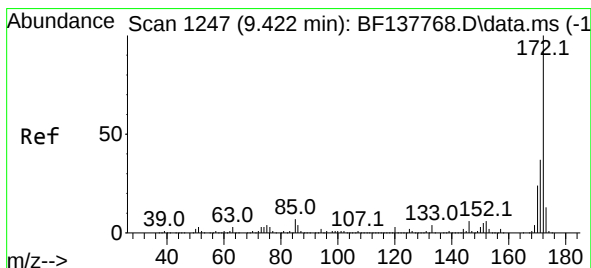
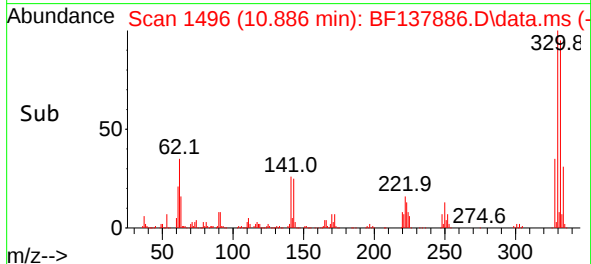
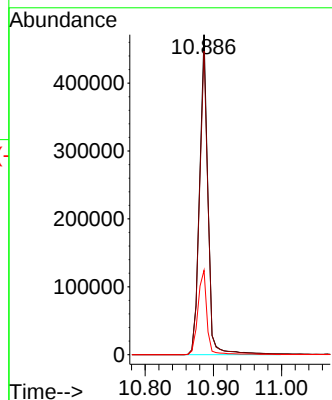
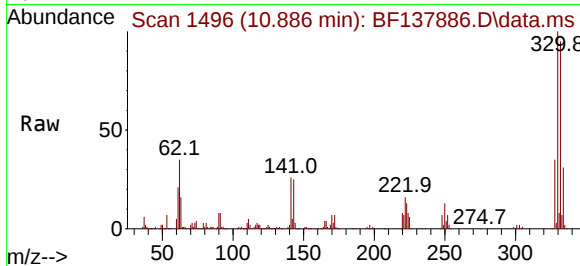
Tgt Ion:330 Resp: 404275

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 28.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 92.238 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

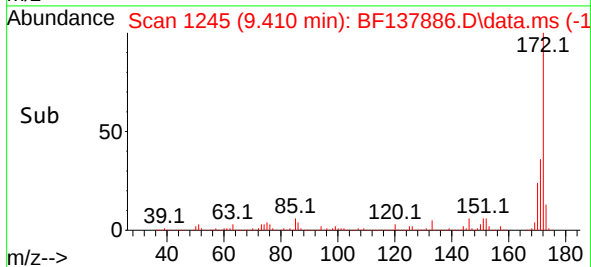
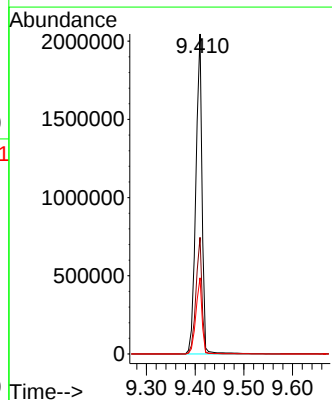
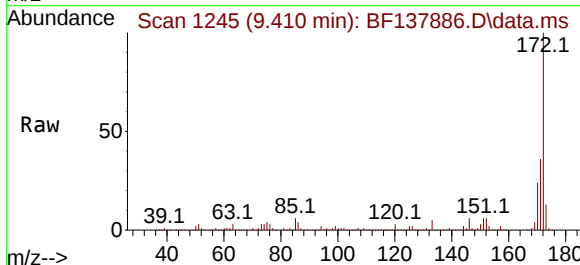
Tgt Ion:172 Resp: 1837263

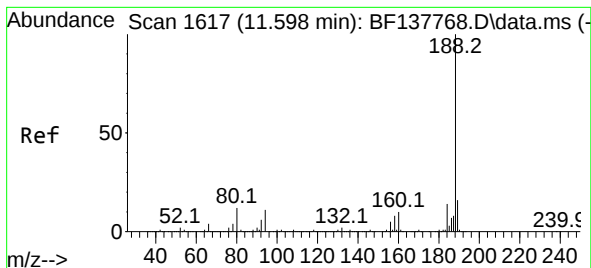
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137886.D

Acq: 10 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TP-D

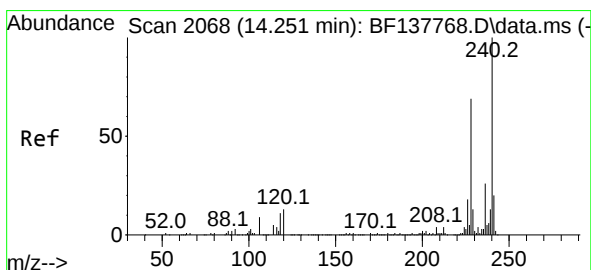
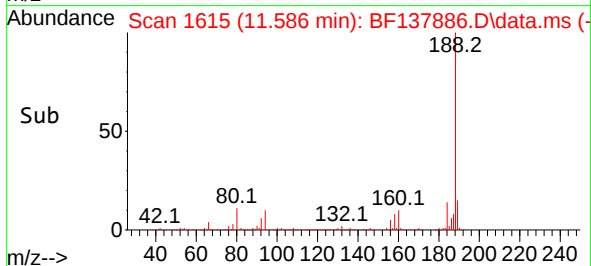
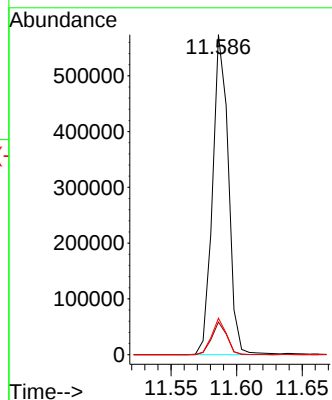
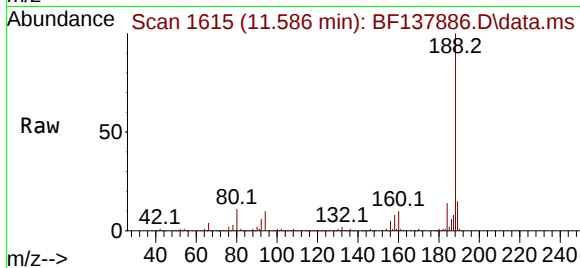
Tgt Ion:188 Resp: 481750

Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

80 11.4 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: BF137886.D

Acq: 10 May 2024 17:52

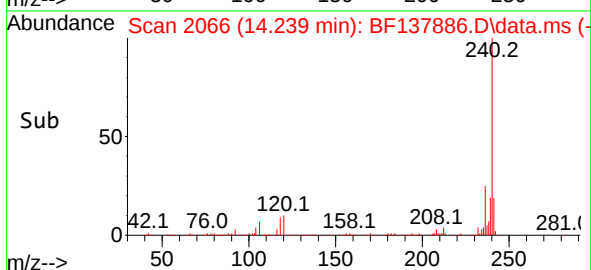
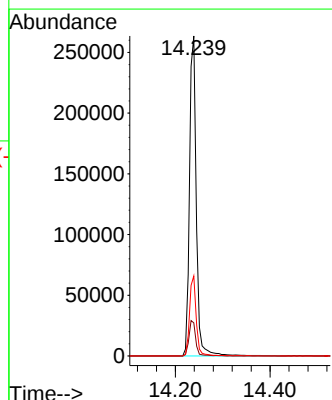
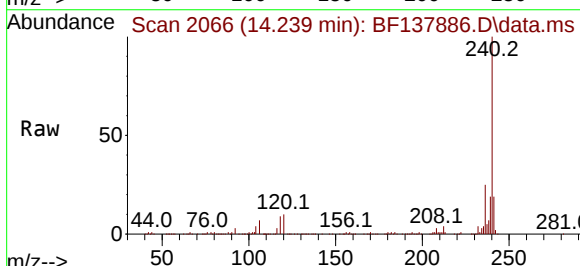
Tgt Ion:240 Resp: 261520

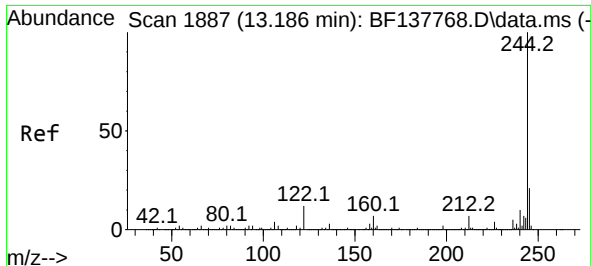
Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6#

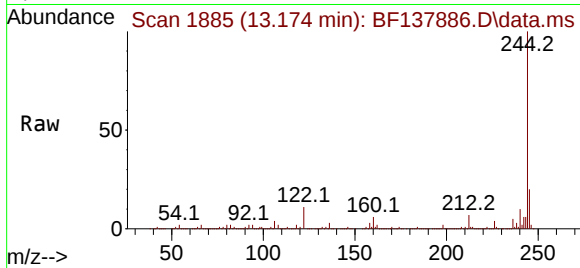
236 25.0 20.4 30.6



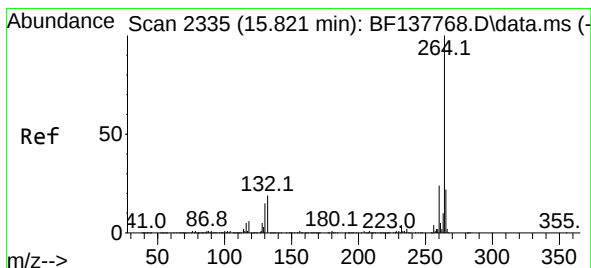
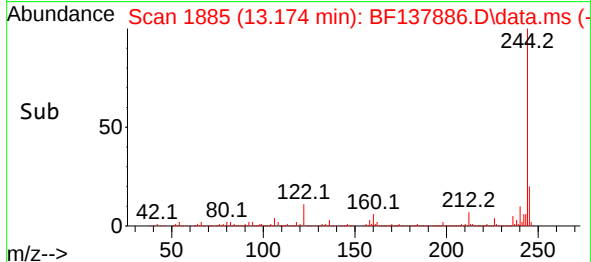
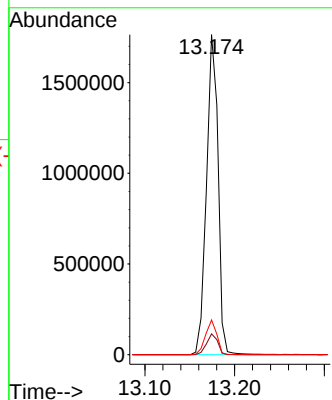


#79
Terphenyl-d14
Concen: 101.351 ng
RT: 13.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WCS-TP-D



Tgt Ion:244 Resp: 1581592
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.9 9.4 14.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.804 min Scan# 2332
Delta R.T. -0.018 min
Lab File: BF137886.D
Acq: 10 May 2024 17:52

Tgt Ion:264 Resp: 201430
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.3 17.4 26.0

