

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137889.D
 Acq On : 10 May 2024 19:22
 Operator : CG\JU
 Sample : P2422-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

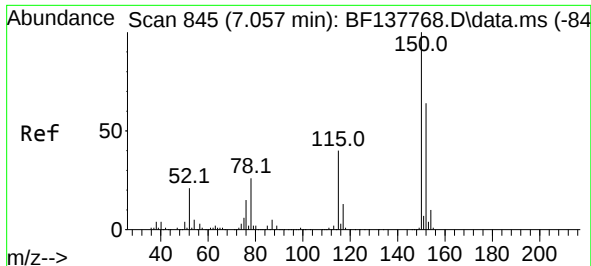
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-F

Quant Time: May 11 00:42:33 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	158175	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	629352	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	333589	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	493452	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	252073	20.000	ng	-0.01
86) Perylene-d12	15.809	264	131779	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1083769	114.717	ng	0.01
7) Phenol-d6	6.663	99	1228113	102.488	ng	-0.01
23) Nitrobenzene-d5	7.610	82	890069	82.166	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	406650	119.391	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1871588	91.022	ng	-0.01
79) Terphenyl-d14	13.174	244	1607595	106.878	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	117293	16.379	ng	# 76
25) Isophorone	7.610	82	890061	45.571	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	43714	9.083	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	43706	6.951	ng	# 27
67) 4-Bromophenyl-phenylether	10.886	248	26680	5.052	ng	# 1
77) Benzidine	13.174	184	18182	3.119	ng	# 94

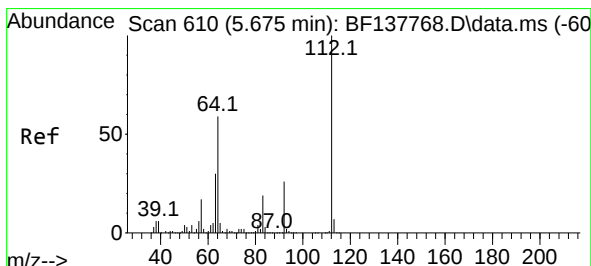
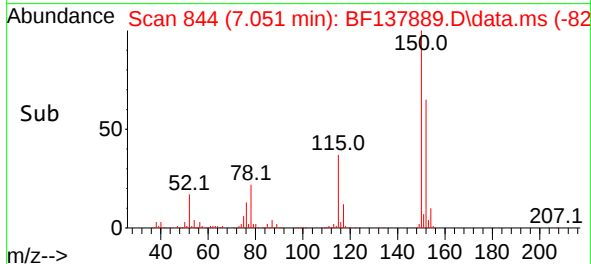
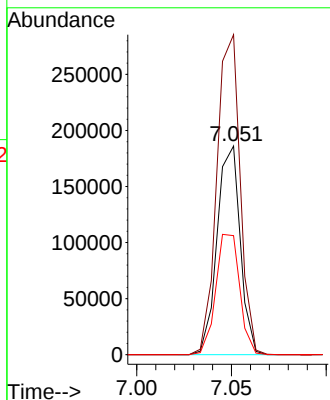
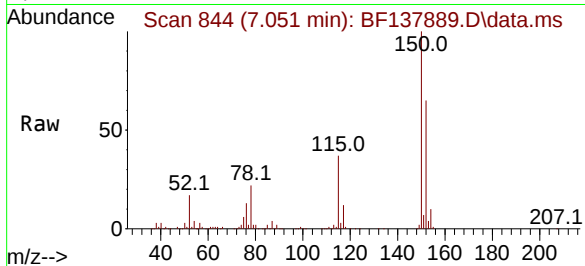
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

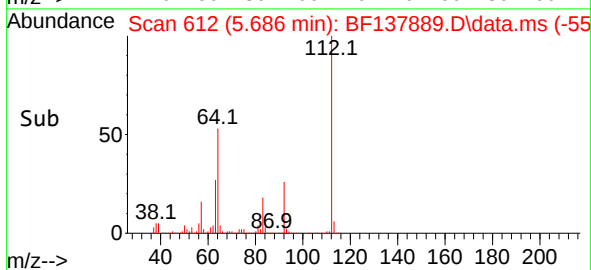
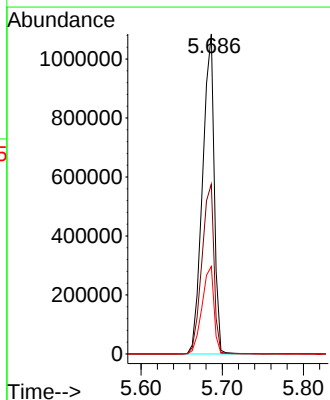
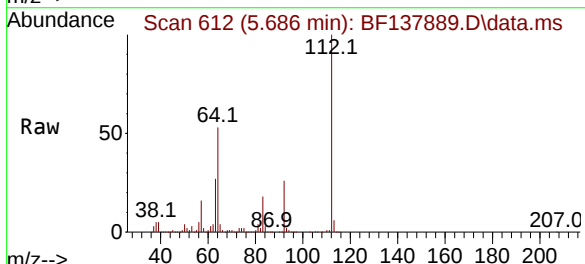
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

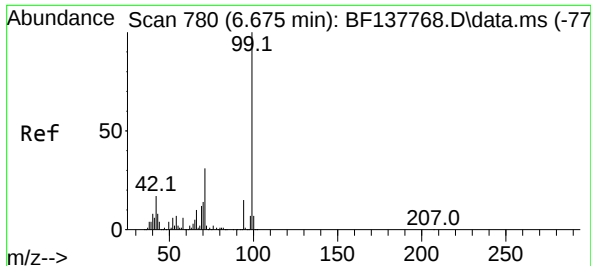
Tgt Ion:152 Resp: 158175
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 57.1 49.1 73.7



#5
2-Fluorophenol
Concen: 114.717 ng
RT: 5.686 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

Tgt Ion:112 Resp: 1083769
Ion Ratio Lower Upper
112 100
64 53.1 47.3 70.9
63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 102.488 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

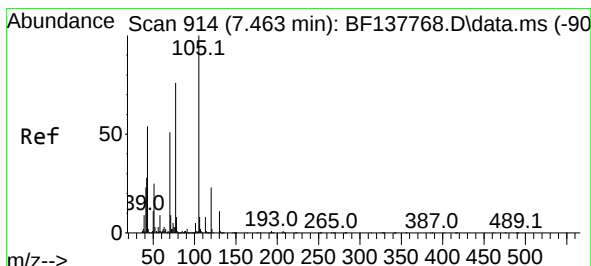
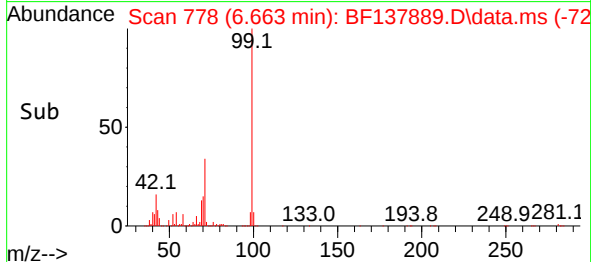
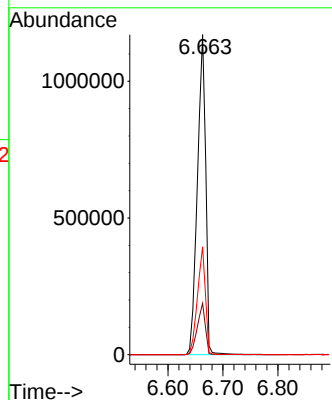
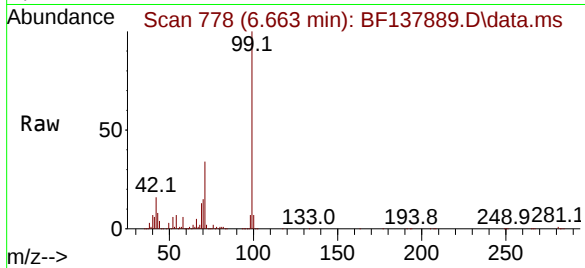
Tgt Ion: 99 Resp: 1228113

Ion Ratio Lower Upper

99 100

42 16.1 13.2 19.8

71 33.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.379 ng

RT: 7.610 min Scan# 939

Delta R.T. 0.147 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

Tgt Ion: 70 Resp: 117293

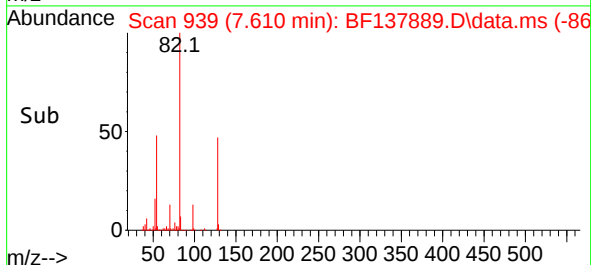
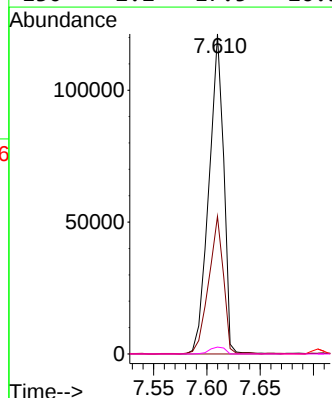
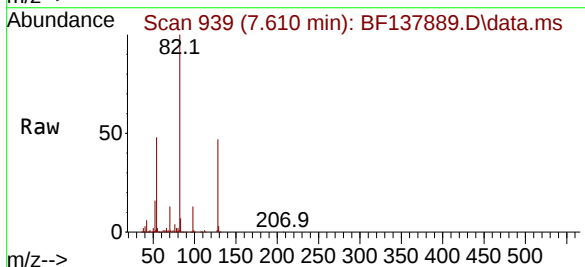
Ion Ratio Lower Upper

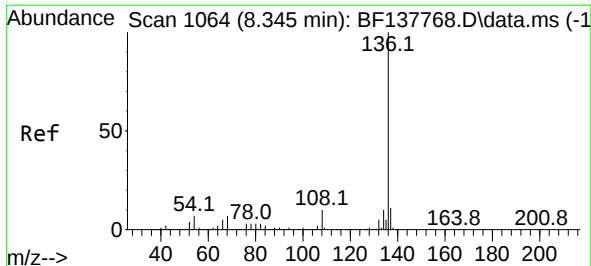
70 100

42 43.0 44.6 66.8#

101 0.0 7.8 11.6#

130 2.2 17.5 26.3#



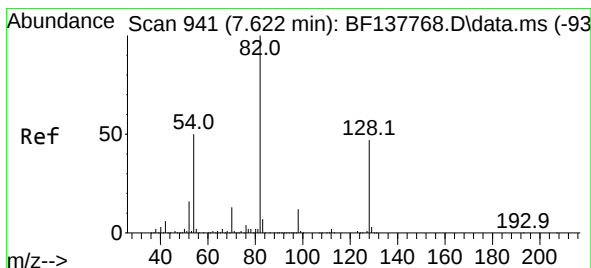
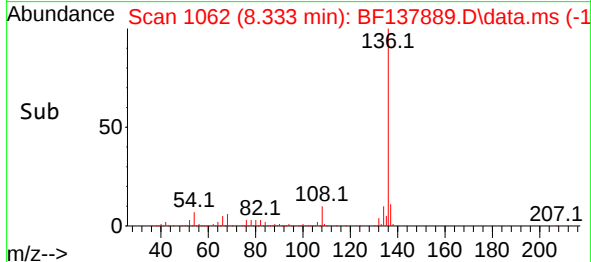
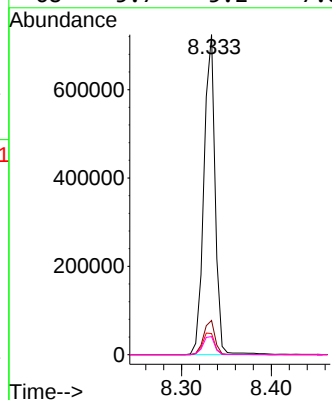
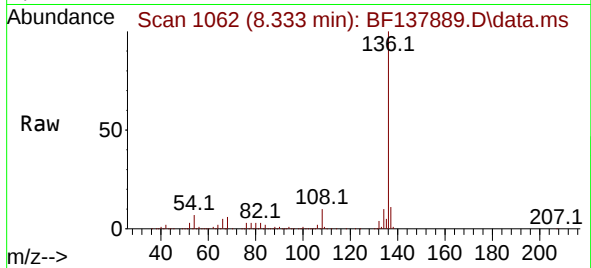


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

Tgt Ion:136 Resp: 629352

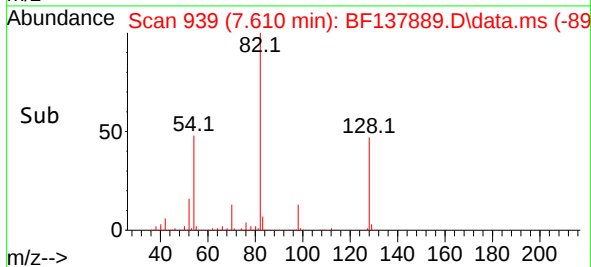
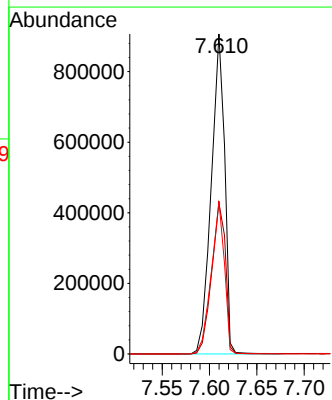
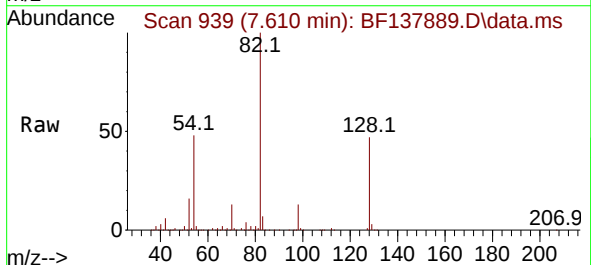
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.8	8.8
68	5.7	5.2	7.8

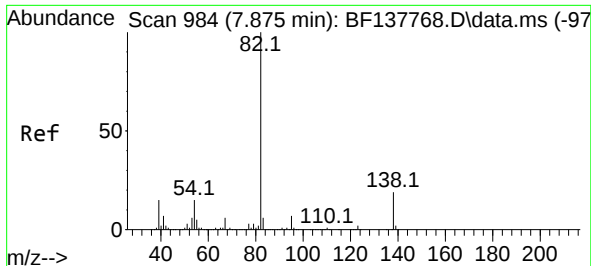


#23
Nitrobenzene-d5
Concen: 82.166 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

Tgt Ion: 82 Resp: 890069

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.5	56.3
54	47.8	39.8	59.6

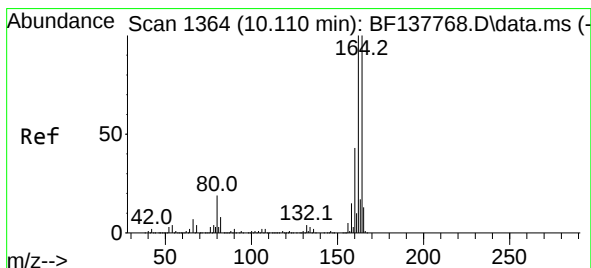
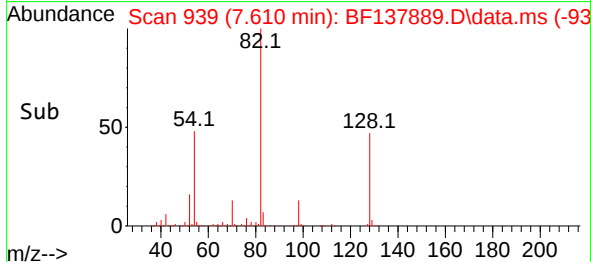
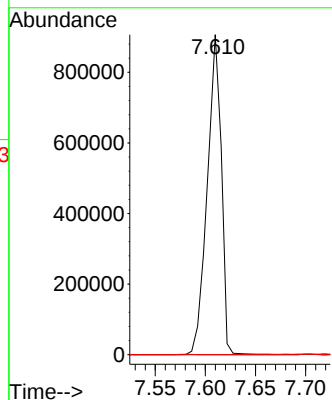
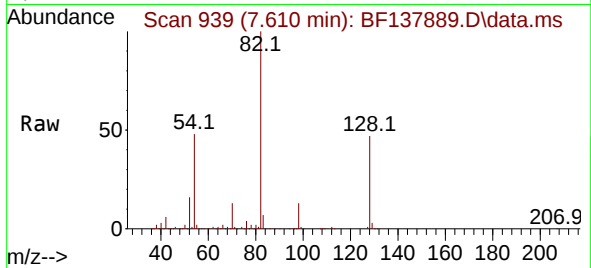




#25
Isophorone
Concen: 45.571 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

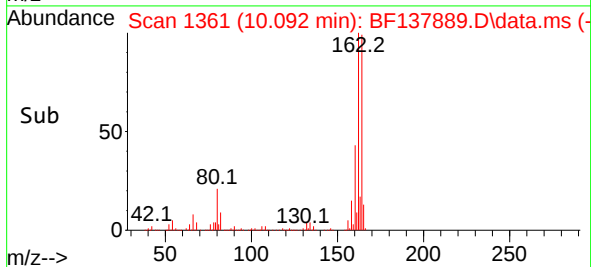
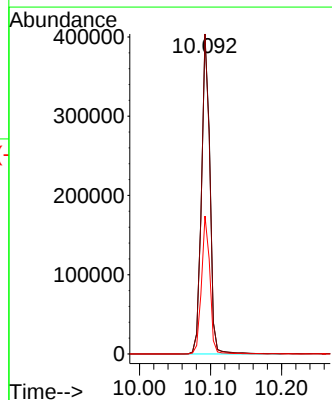
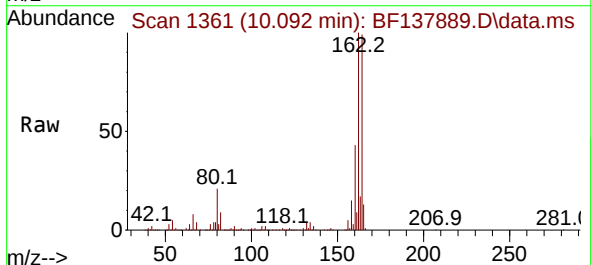
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

Tgt Ion: 82 Resp: 890061
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: BF137889.D
Acq: 10 May 2024 19:22

Tgt Ion:164 Resp: 333589
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.6
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 119.391 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

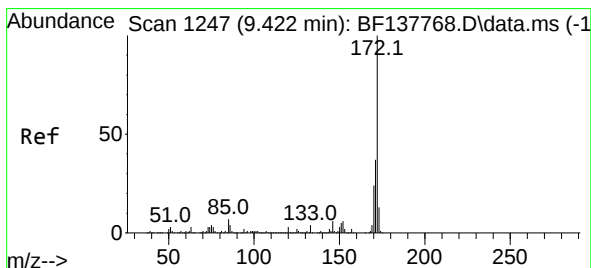
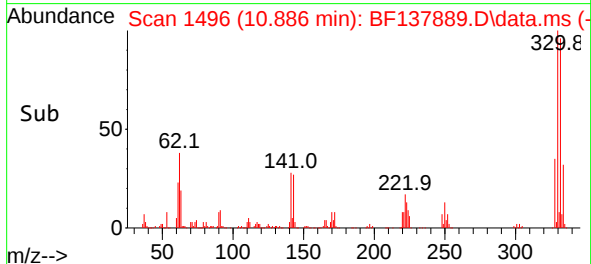
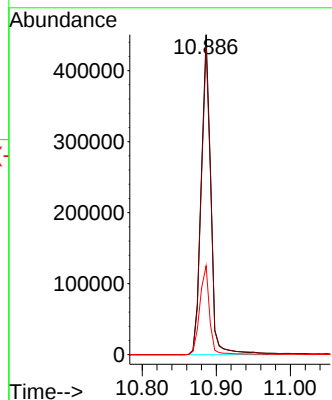
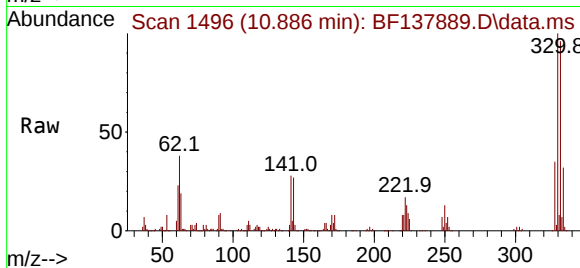
Tgt Ion:330 Resp: 406650

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.022 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

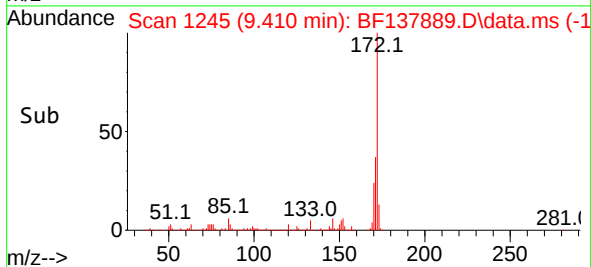
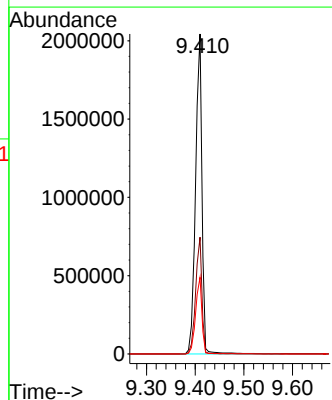
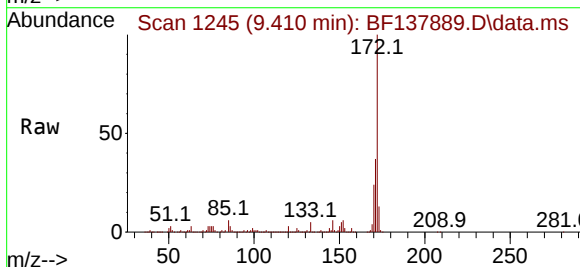
Tgt Ion:172 Resp: 1871588

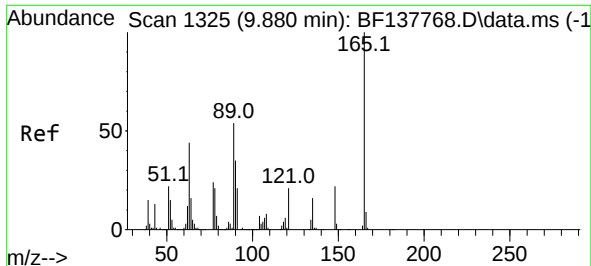
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.0 19.4 29.2

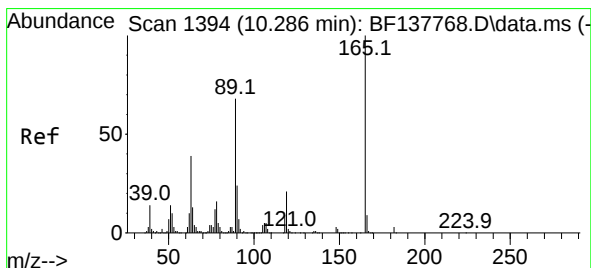
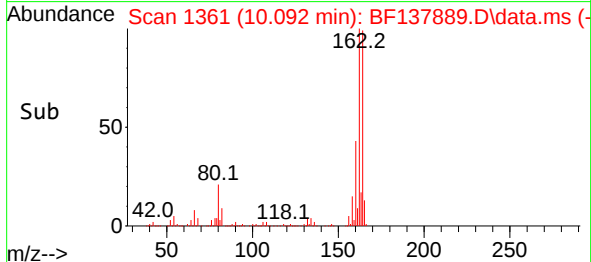
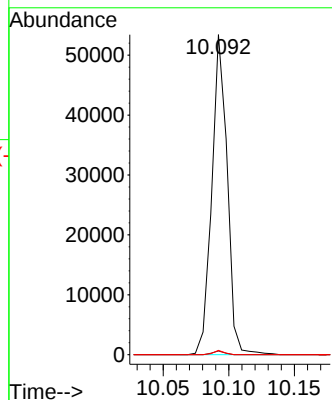
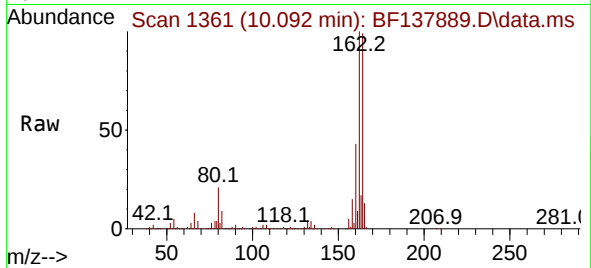




#51
2,6-Dinitrotoluene
Concen: 9.083 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

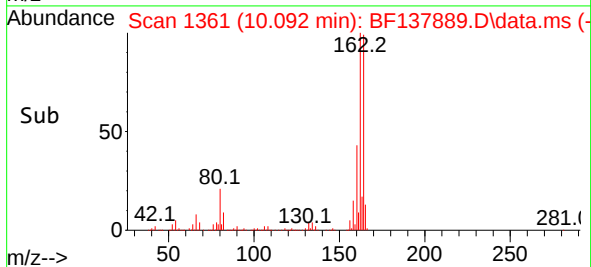
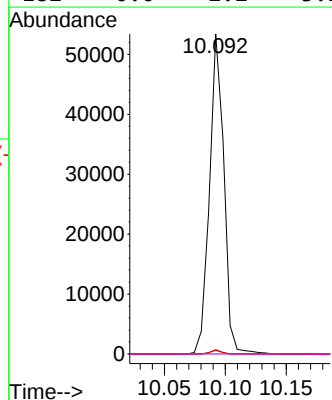
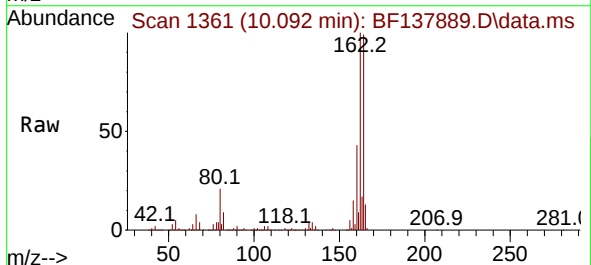
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

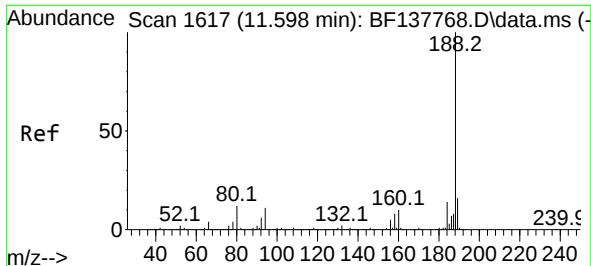
Tgt Ion:165 Resp: 43714
Ion Ratio Lower Upper
165 100
63 1.2 41.9 62.9#
89 1.4 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.951 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

Tgt Ion:165 Resp: 43706
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#

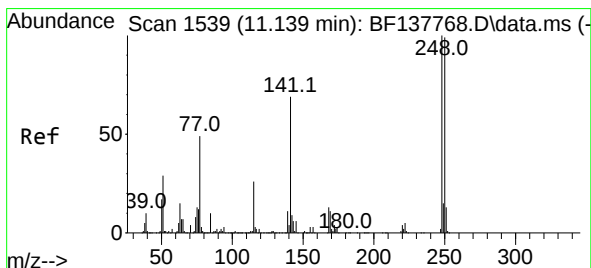
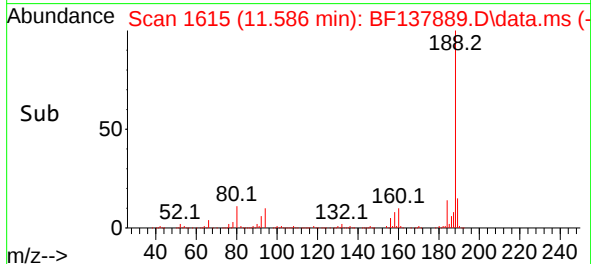
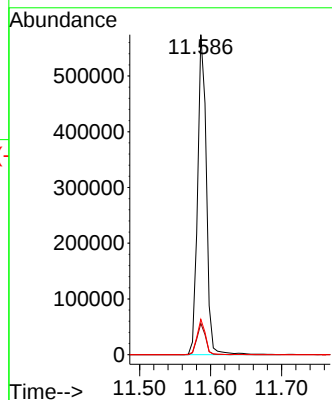
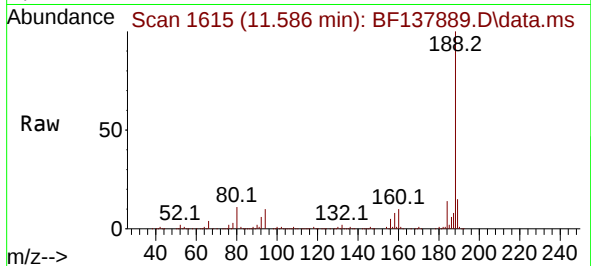




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

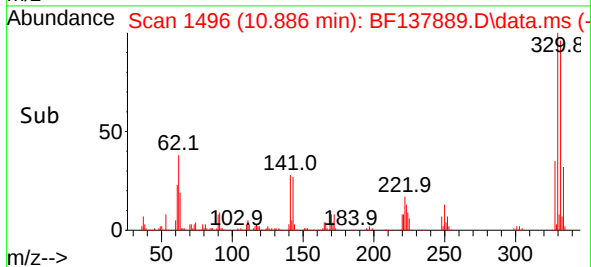
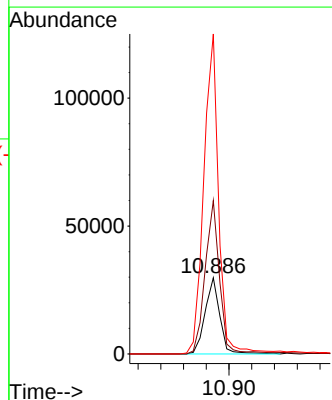
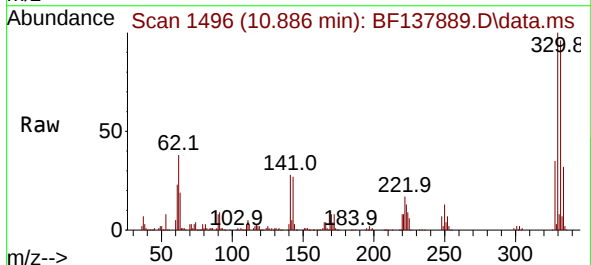
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BNA_F
ClientSampleId :
WCS-TP-F

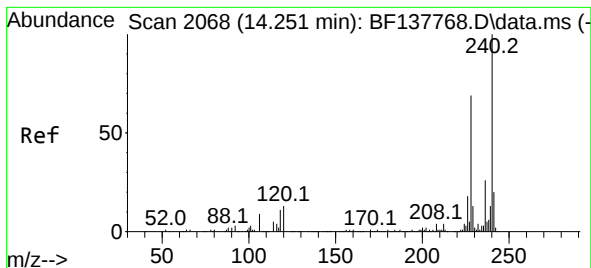
Tgt Ion:188 Resp: 493452
Ion Ratio Lower Upper
188 100
94 9.8 8.8 13.2
80 11.1 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 5.052 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

Tgt Ion:248 Resp: 26680
Ion Ratio Lower Upper
248 100
250 201.2 79.1 118.7#
141 420.3 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: BF137889.D

Acq: 10 May 2024 19:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

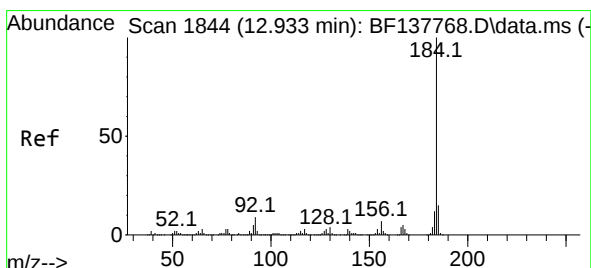
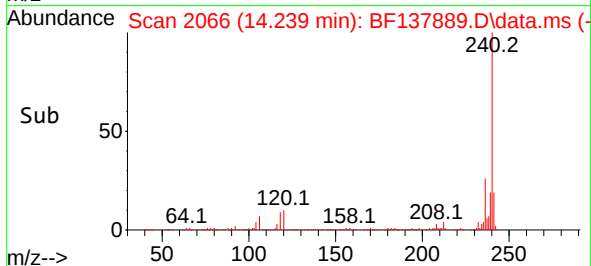
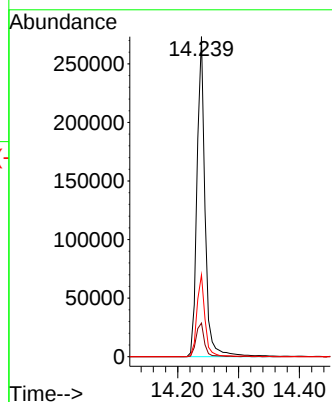
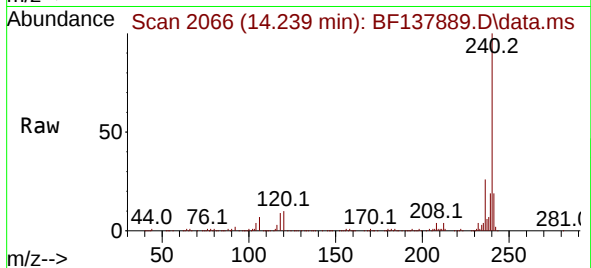
Tgt Ion:240 Resp: 252073

Ion Ratio Lower Upper

240 100

120 10.5 10.4 15.6

236 25.5 20.4 30.6



#77

Benzidine

Concen: 3.119 ng

RT: 13.174 min Scan# 1885

Delta R.T. 0.241 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

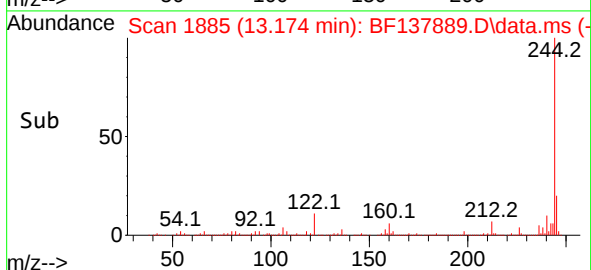
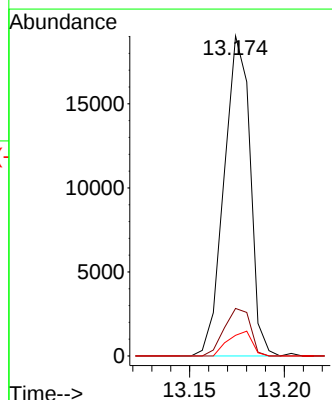
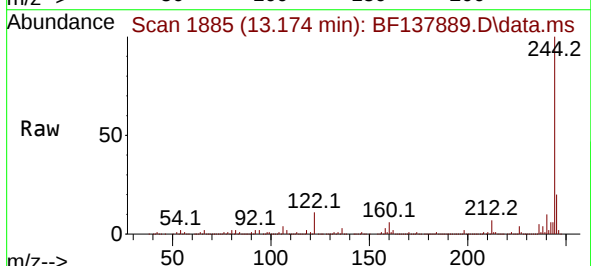
Tgt Ion:184 Resp: 18182

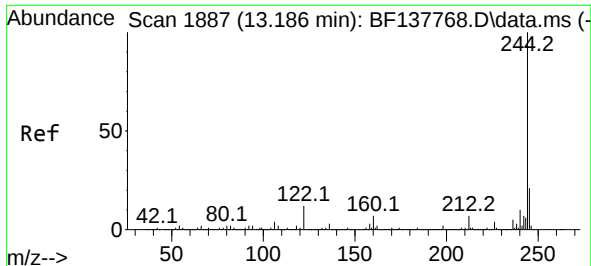
Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

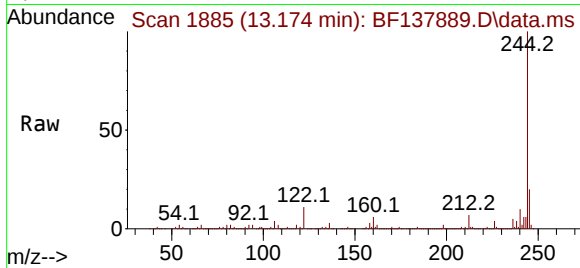
183 6.5 9.2 13.8#



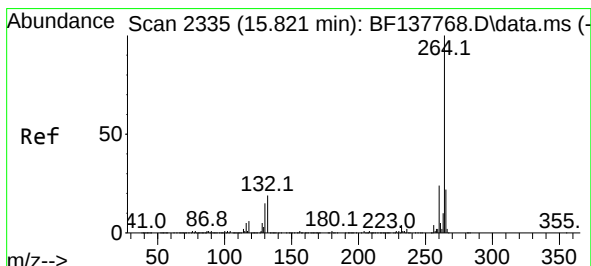
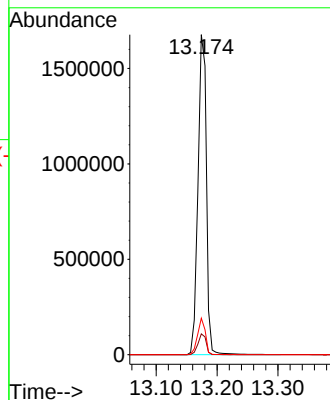
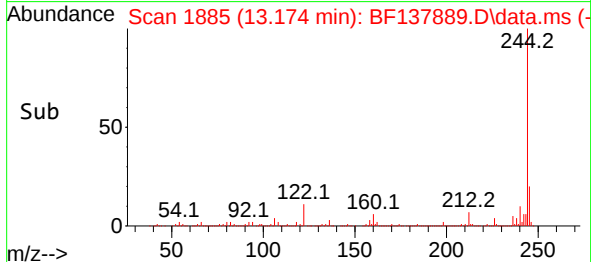


#79
 Terphenyl-d14
 Concen: 106.878 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137889.D
 Acq: 10 May 2024 19:22

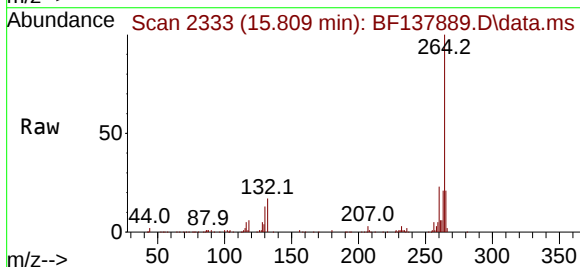
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-F



Tgt Ion:244 Resp: 1607595
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.4 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137889.D
 Acq: 10 May 2024 19:22



Tgt Ion:264 Resp: 131779
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 20.6 17.4 26.0

