

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

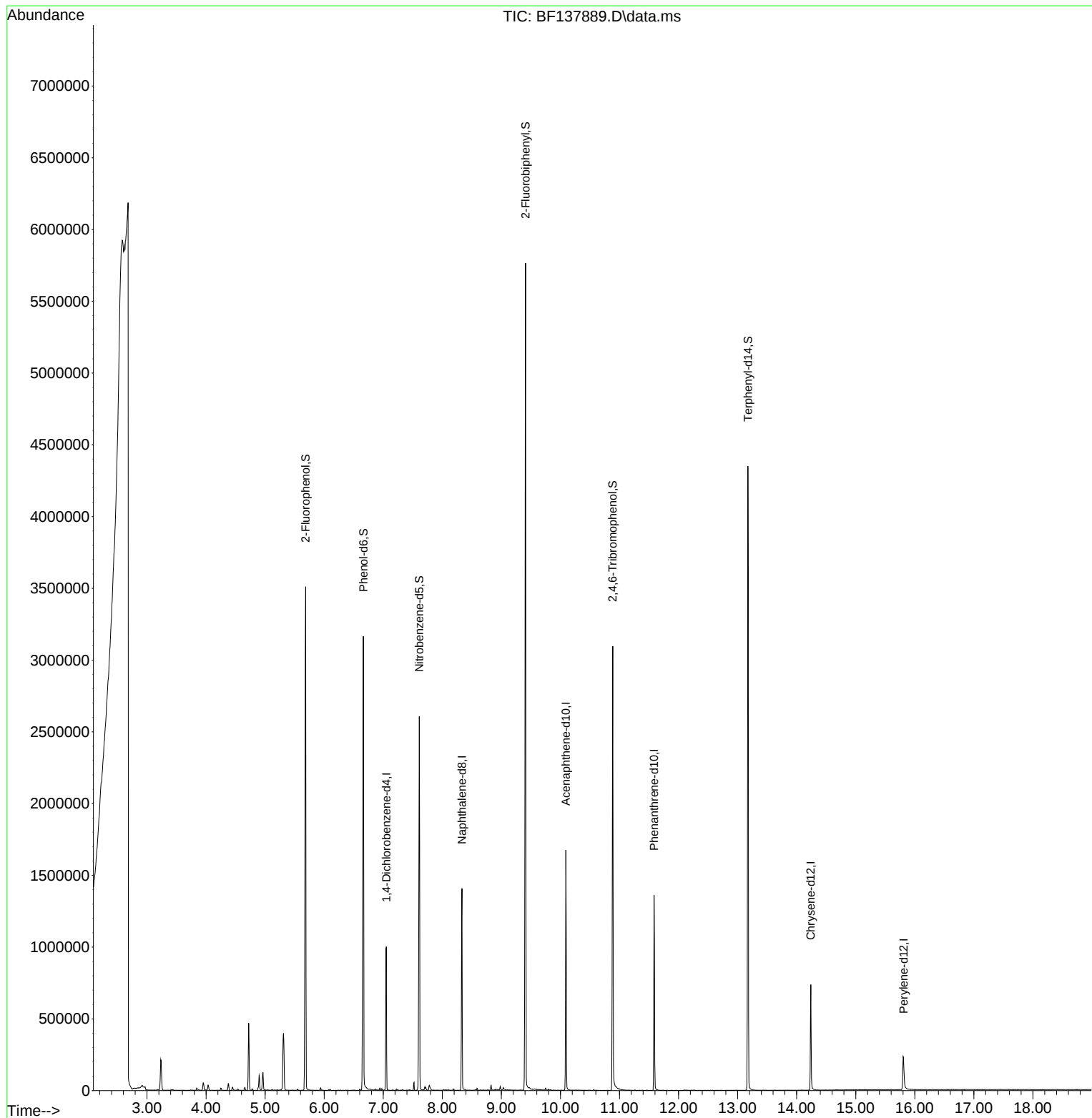
Target Compounds	Qvalue

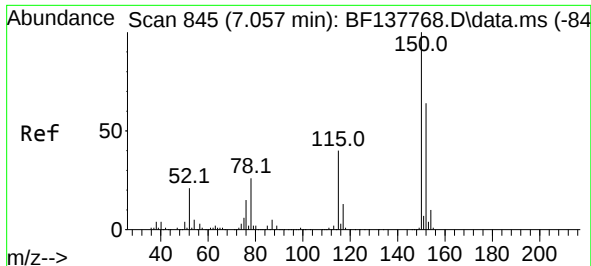
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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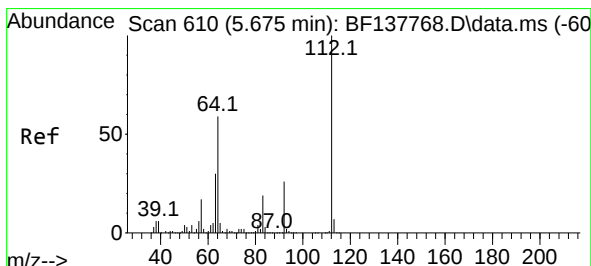
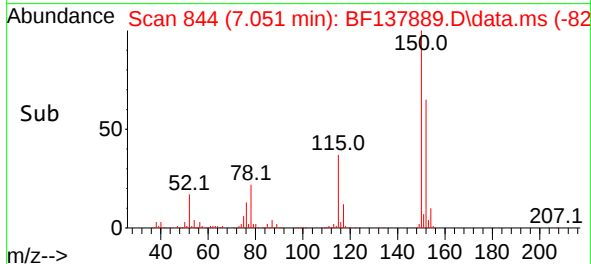
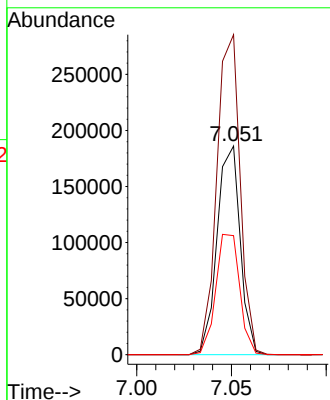
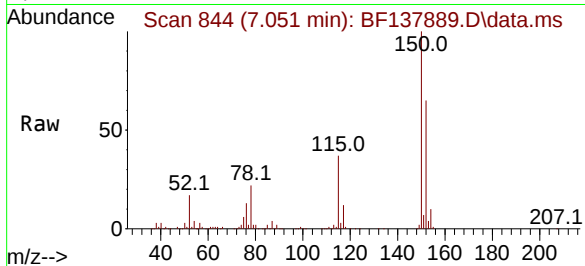




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.051 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137889.D
 Acq: 10 May 2024 19:22

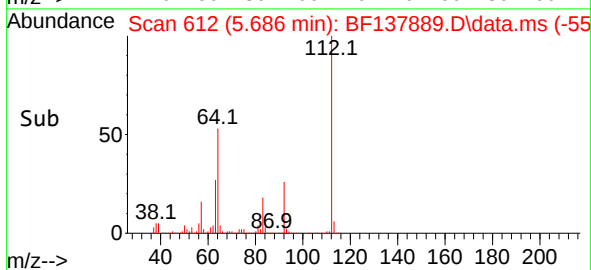
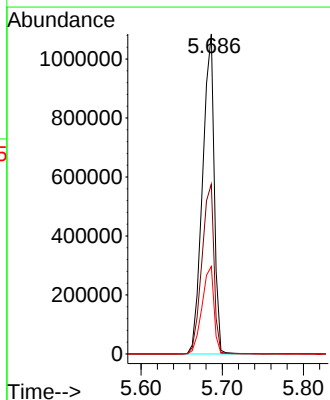
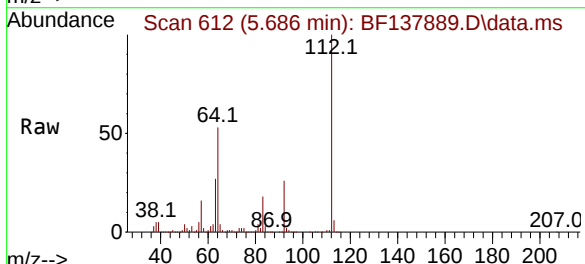
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-F

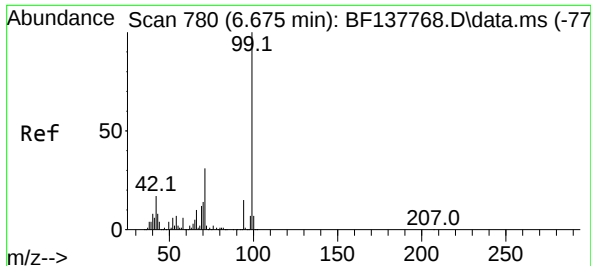
Tgt Ion:152 Resp: 158175
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.1 186.1
 115 57.1 49.1 73.7



#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

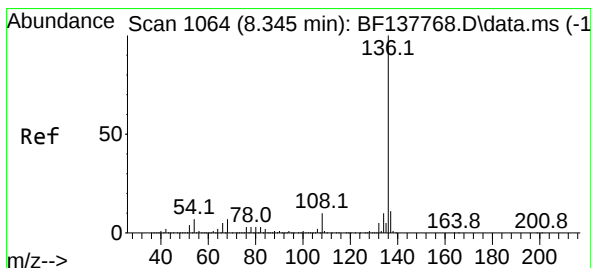
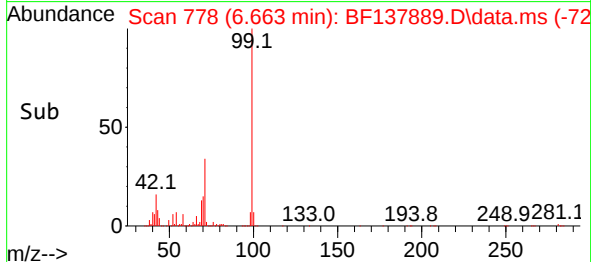
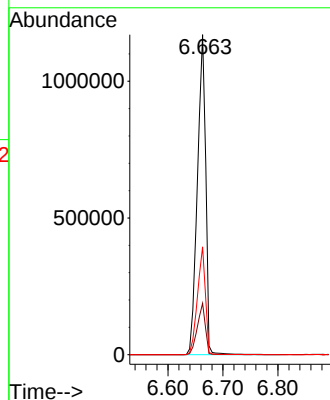
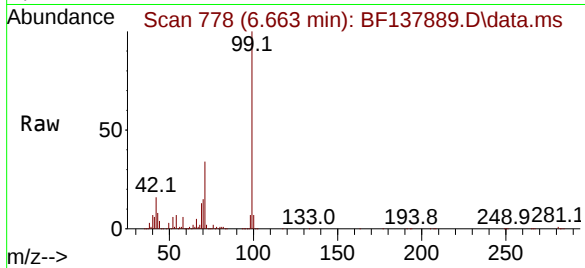
Tgt Ion: 99 Resp: 1228113

Ion Ratio Lower Upper

99 100

42 16.1 13.2 19.8

71 33.7 25.0 37.4



#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

Tgt Ion: 136 Resp: 629352

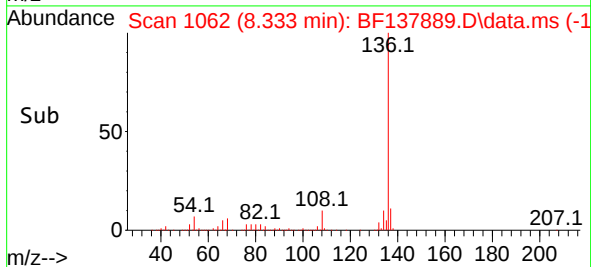
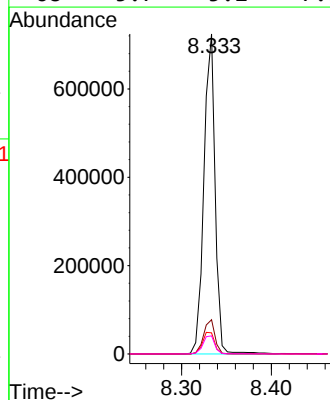
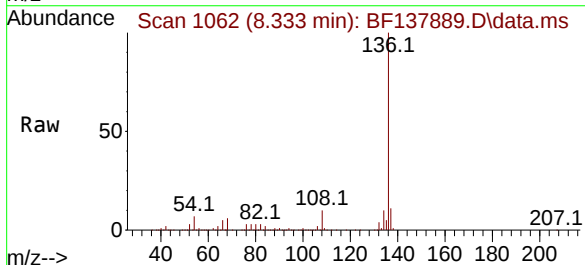
Ion Ratio Lower Upper

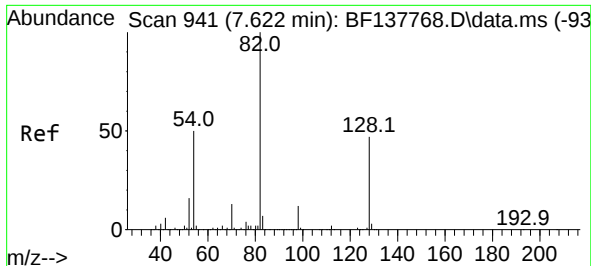
136 100

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# 91

Delta R.T. -0.012 min

Lab File: BF137889.D

Acq: 10 May 2024 19:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-F

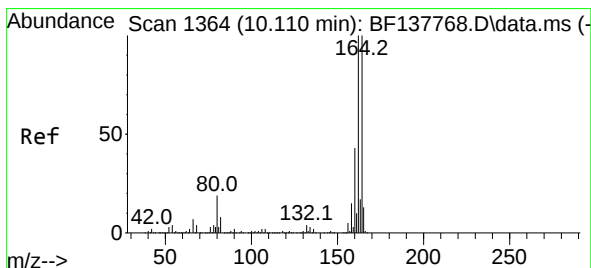
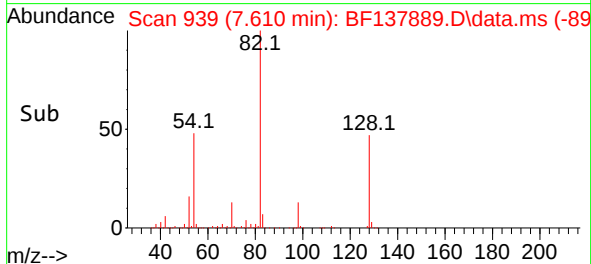
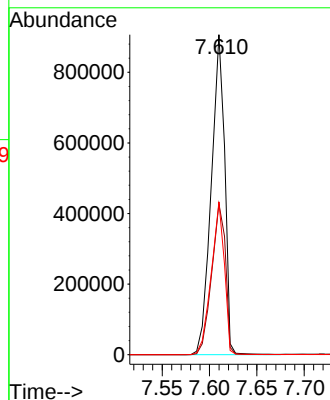
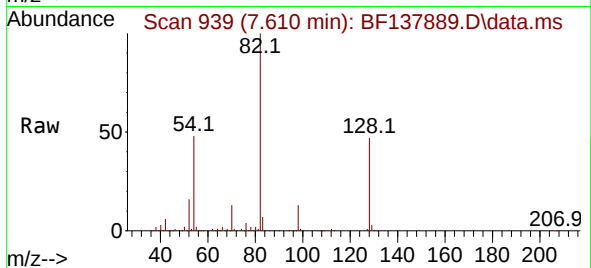
Tgt Ion: 82 Resp: 890069

Ion Ratio Lower Upper

82 100

128 47.2 37.5 56.3

54 47.8 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: BF137889.D

Acq: 10 May 2024 19:22

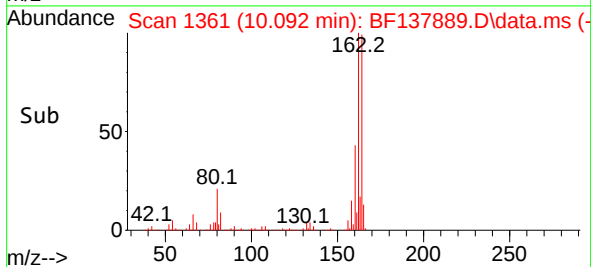
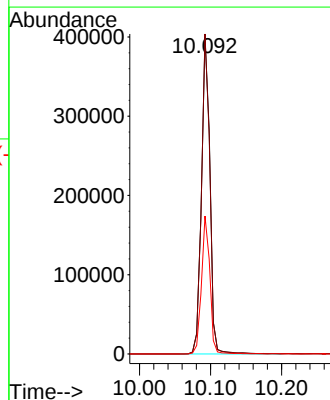
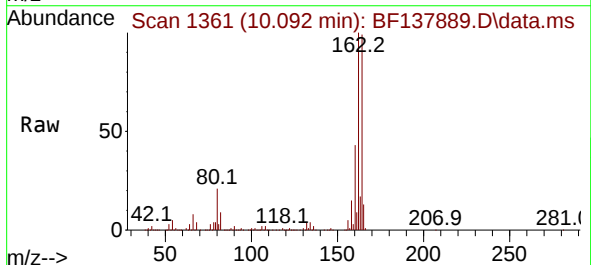
Tgt Ion:164 Resp: 333589

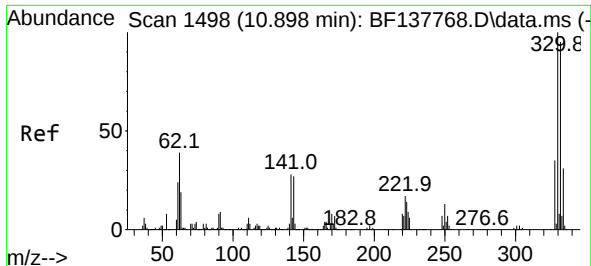
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

160 43.5 34.4 51.6

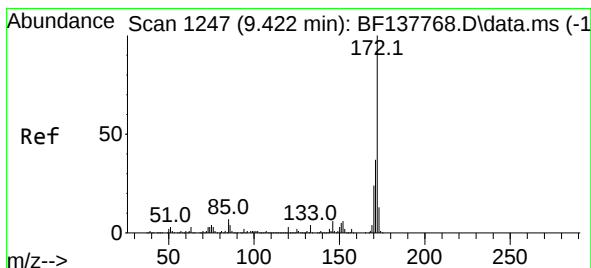
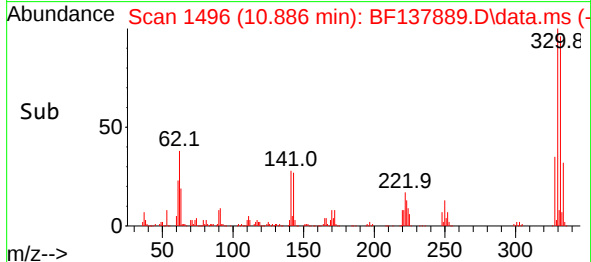
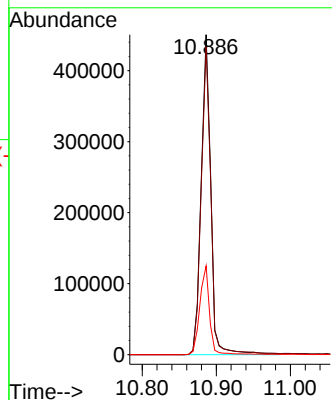
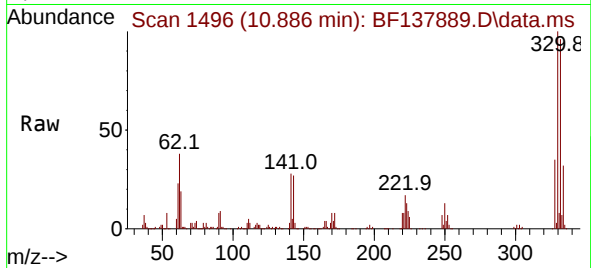




#42
2,4,6-Tribromophenol
Concen: 119.391 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

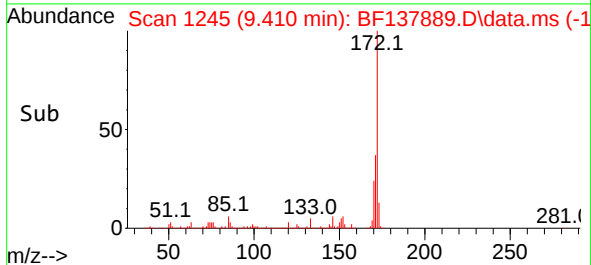
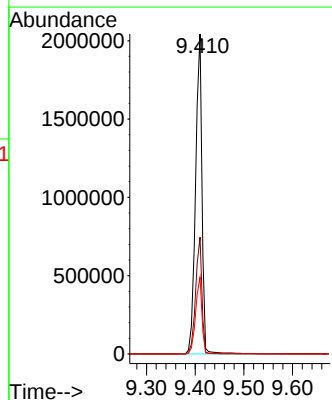
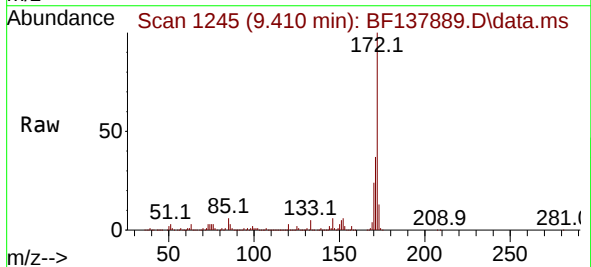
Instrument :
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WCS-TP-F

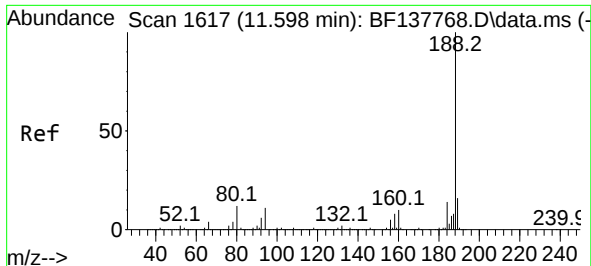
Tgt Ion:330 Resp: 406650
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 28.3 23.8 35.6



#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

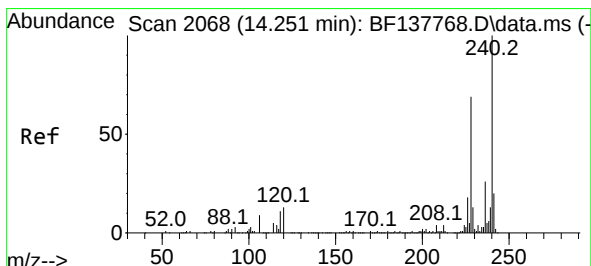
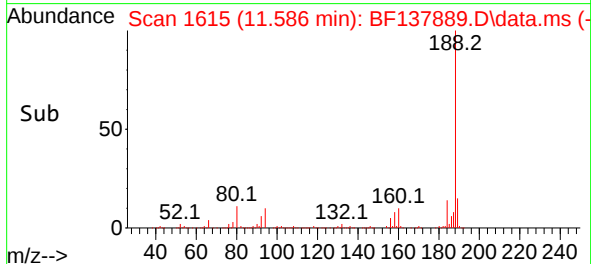
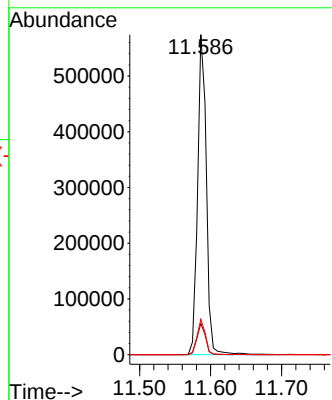
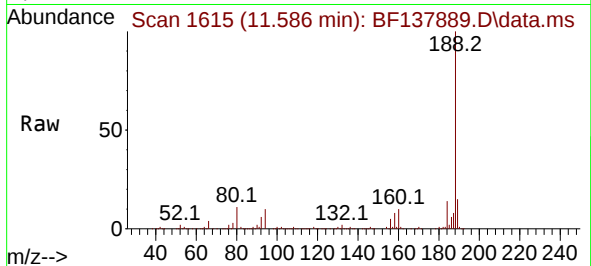




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137889.D
Acq: 10 May 2024 19:22

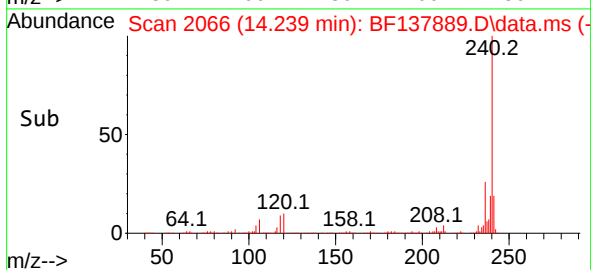
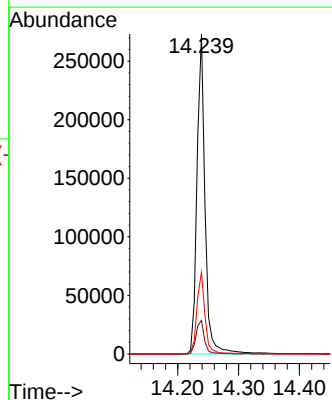
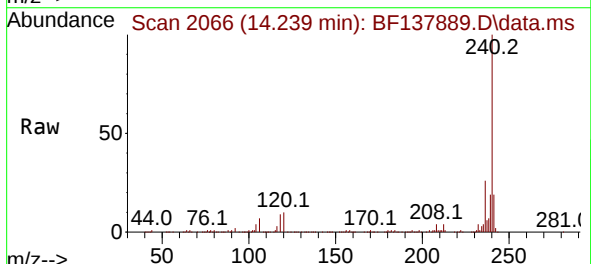
Instrument :
BNA_F
ClientSampleId :
WCS-TP-F

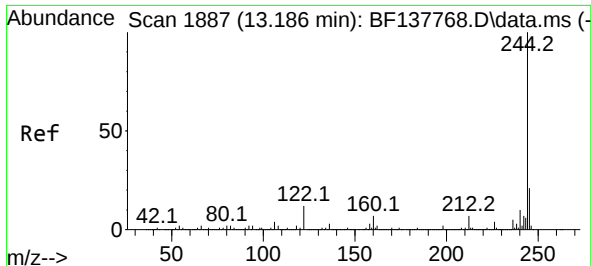
Tgt Ion:188 Resp: 493452
Ion Ratio Lower Upper
188 100
94 9.8 8.8 13.2
80 11.1 9.6 14.4



#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

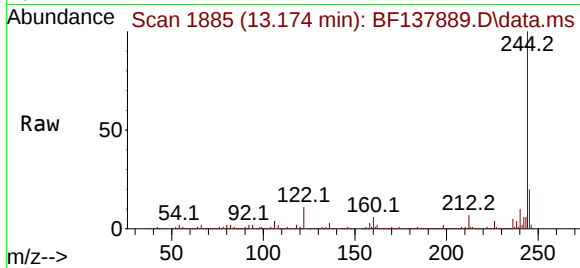
Tgt Ion:240 Resp: 252073
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 25.5 20.4 30.6



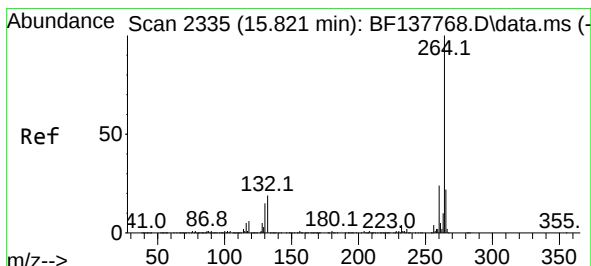
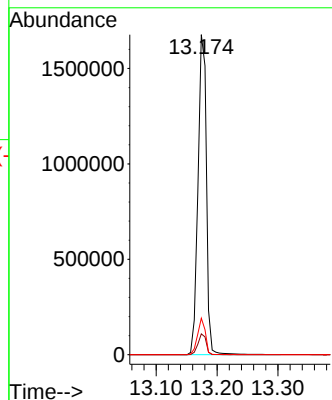
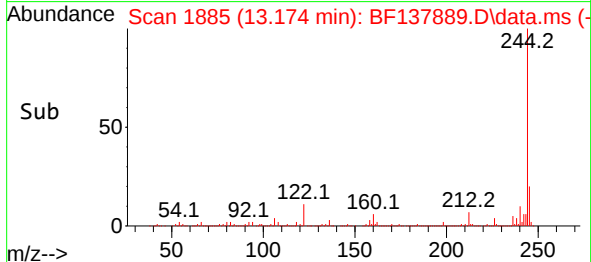


#79
 Terphenyl-d14
 Concen: 106.878 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137889.D
 Acq: 10 May 2024 19:22

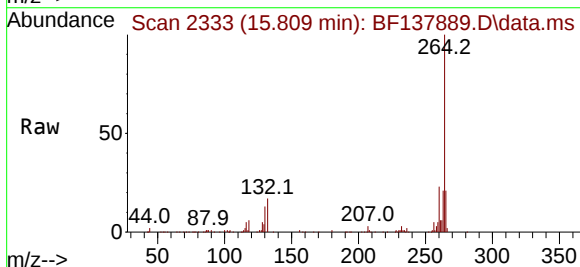
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-F



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

