

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138156.D
 Acq On : 07 Jun 2024 13:07
 Operator : CG\JU
 Sample : P2740-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Quant Time: Jun 07 14:43:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	395429	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1541696	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	880785	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1438682	20.000	ng	0.00
76) Chrysene-d12	14.063	240	573575	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	554575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1775105	76.504	ng	0.00
7) Phenol-d6	6.528	99	2217326	75.530	ng	0.00
23) Nitrobenzene-d5	7.463	82	1310029	57.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	658963	77.741	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2635712	52.324	ng	0.00
79) Terphenyl-d14	13.010	244	2412770	62.919	ng	-0.01

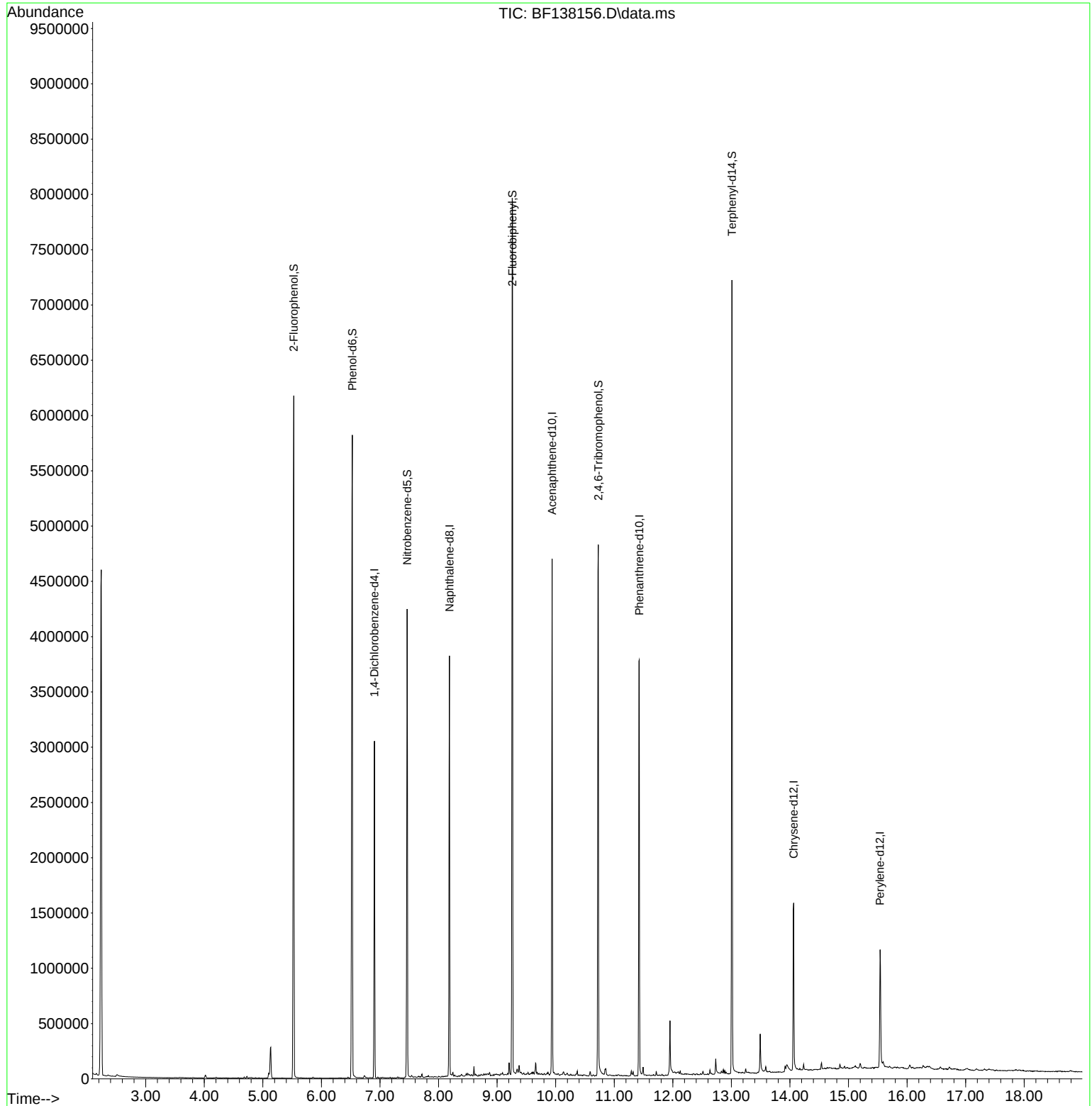
Target Compounds	Qvalue

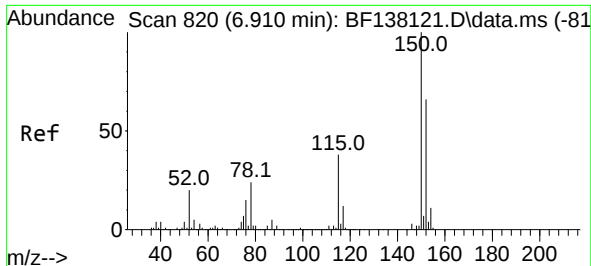
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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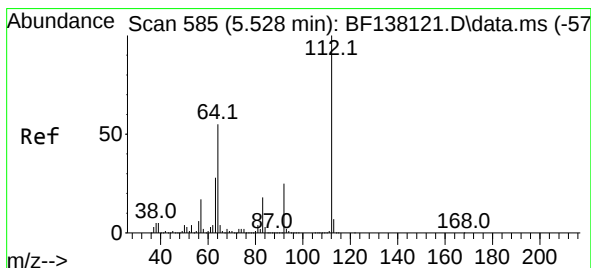
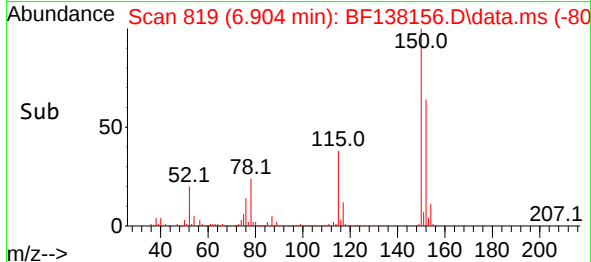
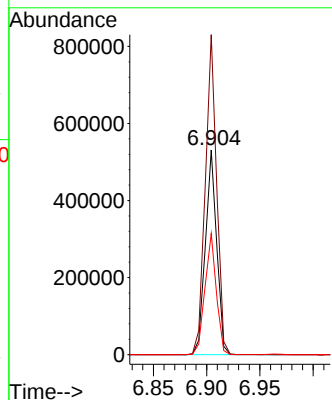
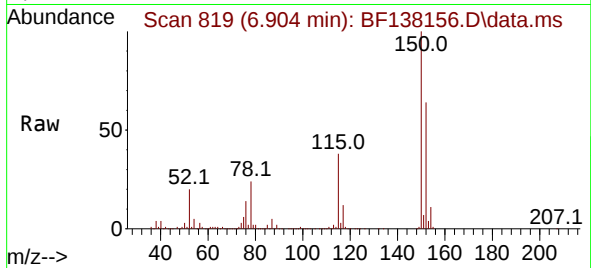




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138156.D
 Acq: 07 Jun 2024 13:07

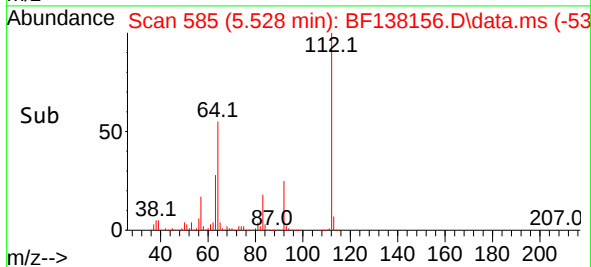
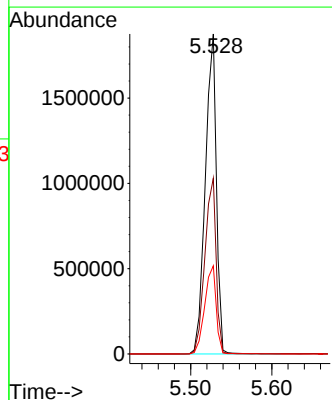
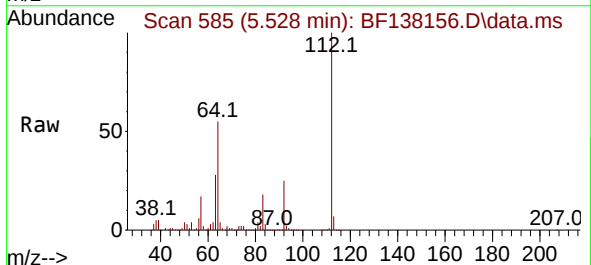
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

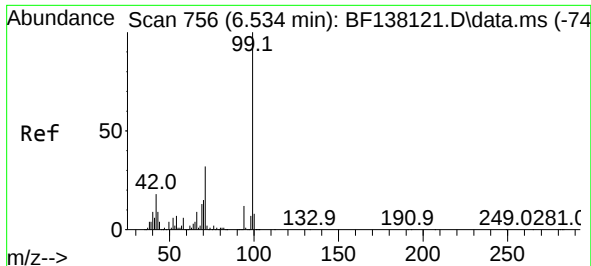
Tgt Ion:152 Resp: 395429
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.8 182.6
 115 59.2 46.2 69.2



#5
 2-Fluorophenol
 Concen: 76.504 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: BF138156.D
 Acq: 07 Jun 2024 13:07

Tgt Ion:112 Resp: 1775105
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.0 66.0
 63 27.5 22.1 33.1

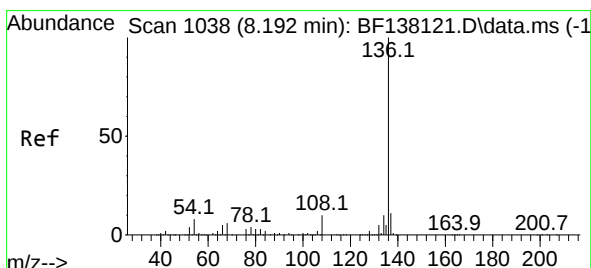
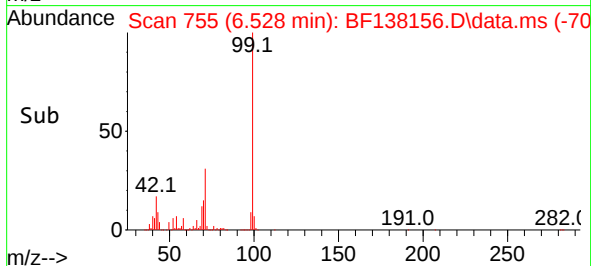
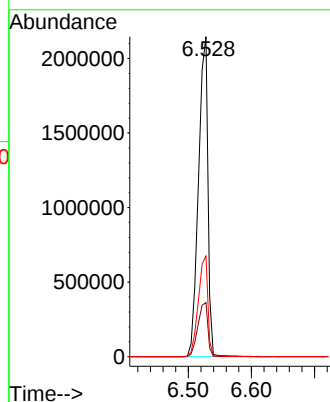
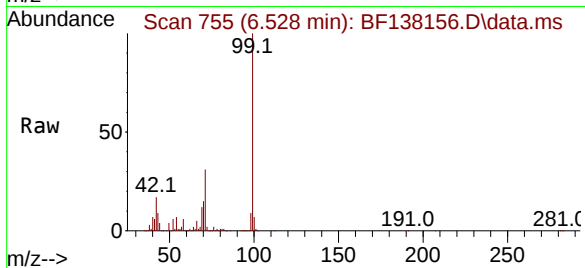




#7
Phenol-d6
Concen: 75.530 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138156.D
Acq: 07 Jun 2024 13:07

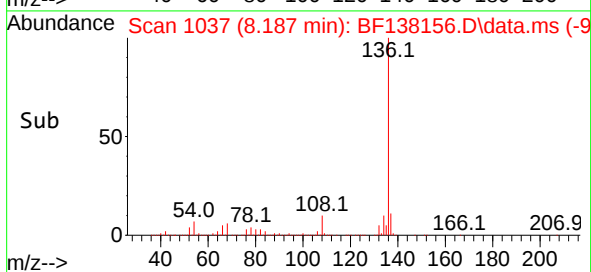
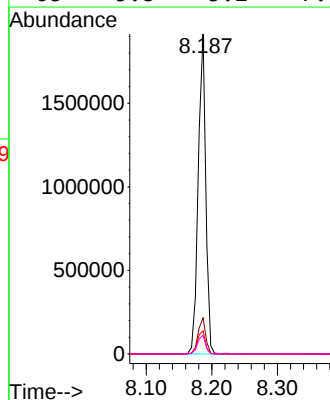
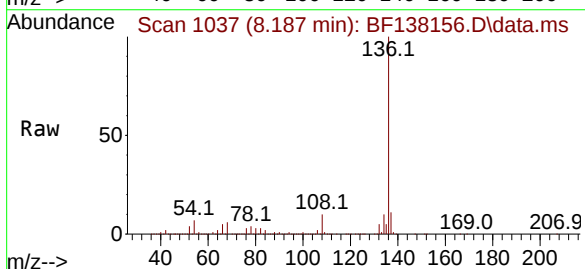
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

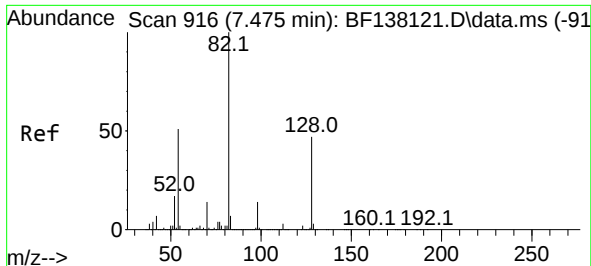
Tgt Ion: 99 Resp: 2217326
Ion Ratio Lower Upper
99 100
42 16.9 14.4 21.6
71 31.5 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138156.D
Acq: 07 Jun 2024 13:07

Tgt Ion:136 Resp: 1541696
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 6.2 9.2
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 57.814 ng

RT: 7.463 min Scan# 916

Delta R.T. -0.012 min

Lab File: BF138156.D

Acq: 07 Jun 2024 13:07

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

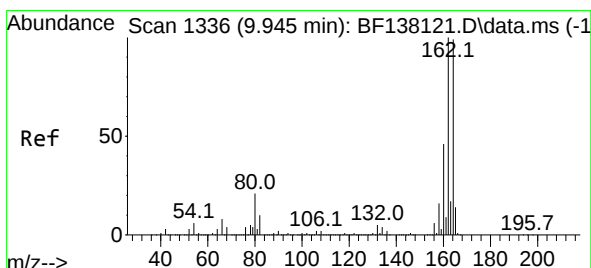
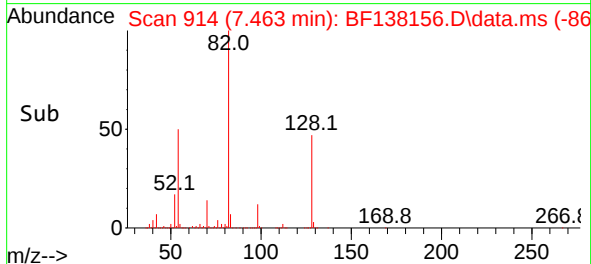
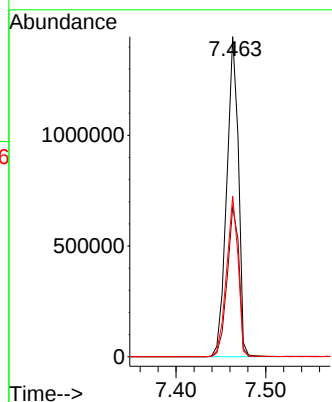
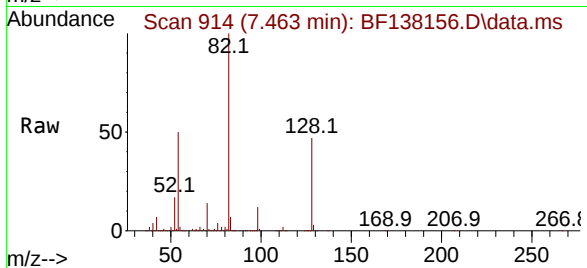
Tgt Ion: 82 Resp: 1310029

Ion Ratio Lower Upper

82 100

128 46.8 37.7 56.5

54 50.1 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF138156.D

Acq: 07 Jun 2024 13:07

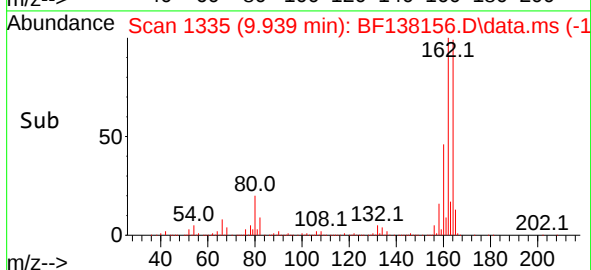
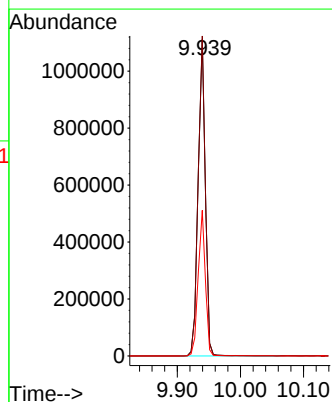
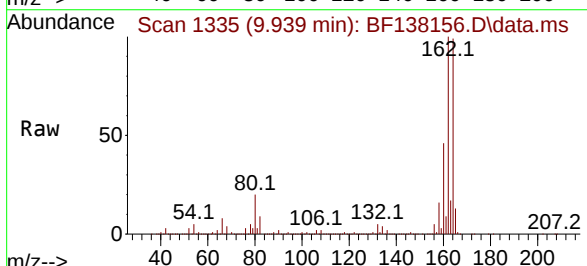
Tgt Ion:164 Resp: 880785

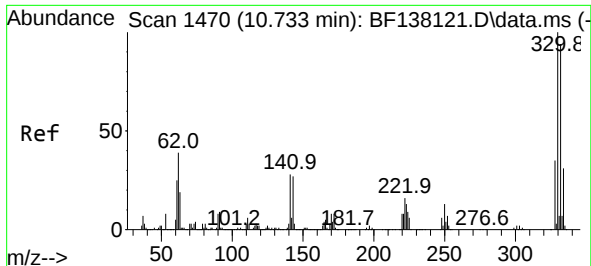
Ion Ratio Lower Upper

164 100

162 101.1 80.9 121.3

160 46.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 77.741 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138156.D

Acq: 07 Jun 2024 13:07

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

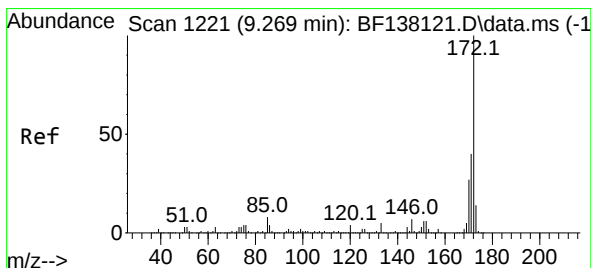
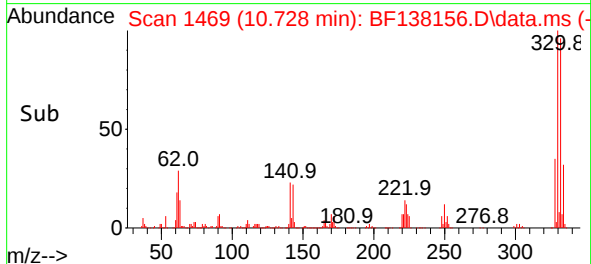
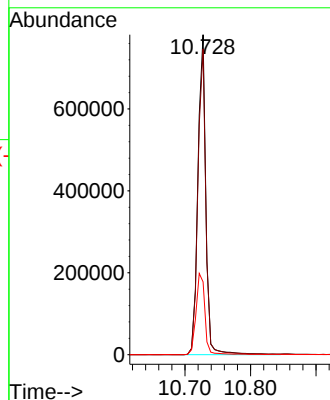
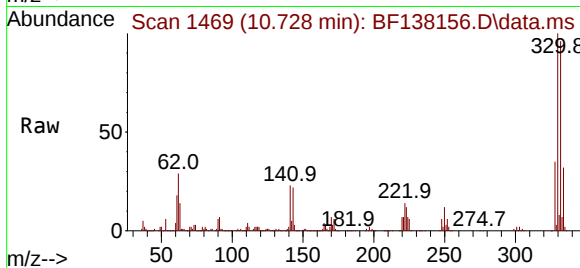
Tgt Ion:330 Resp: 658963

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.8

141 28.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 52.324 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138156.D

Acq: 07 Jun 2024 13:07

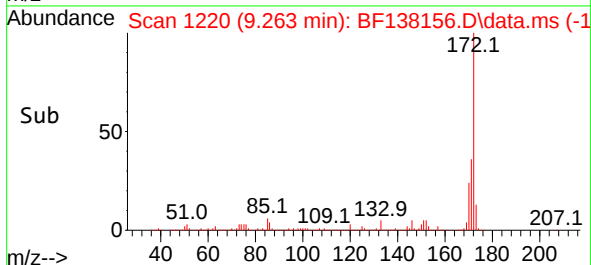
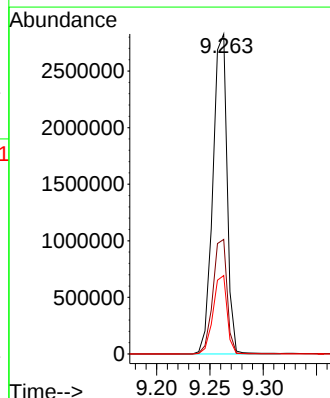
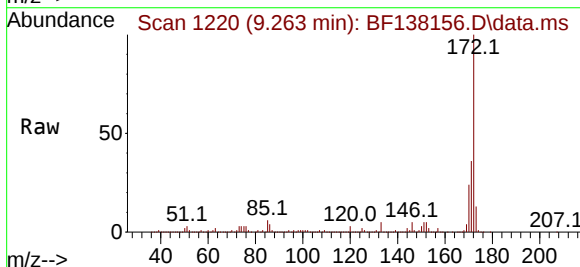
Tgt Ion:172 Resp: 2635712

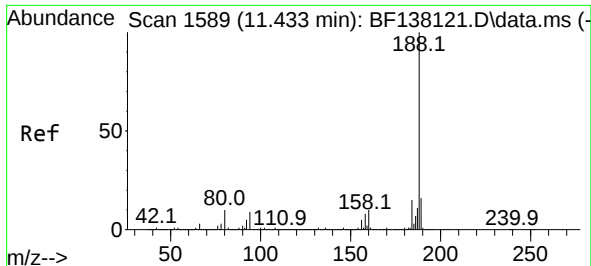
Ion Ratio Lower Upper

172 100

171 35.8 31.6 47.4

170 24.5 21.4 32.2

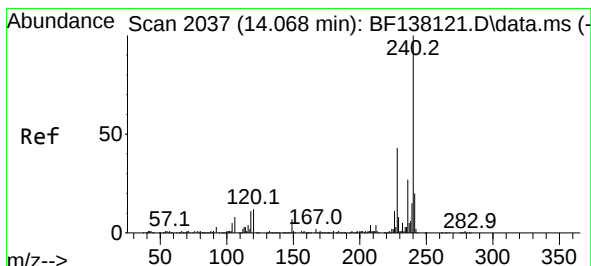
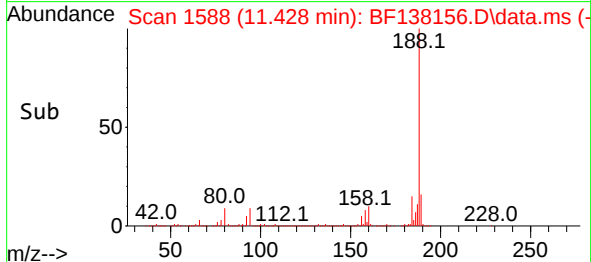
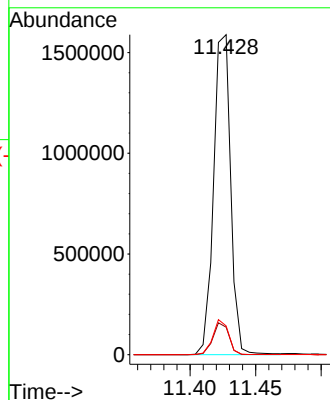
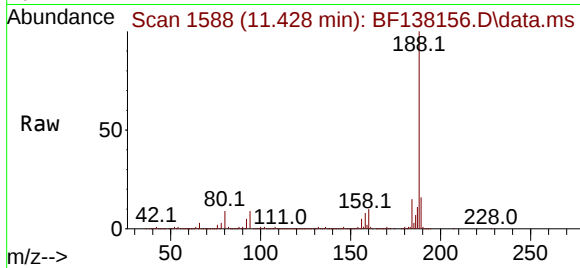




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138156.D
Acq: 07 Jun 2024 13:07

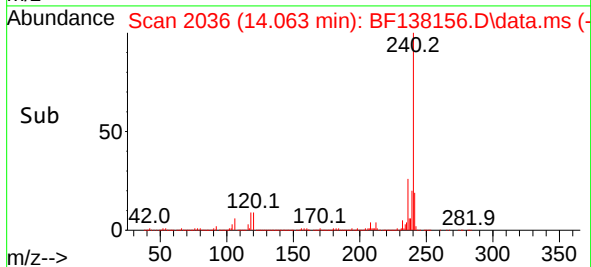
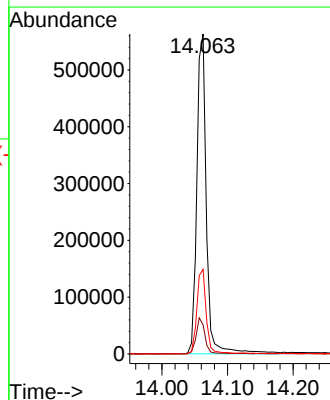
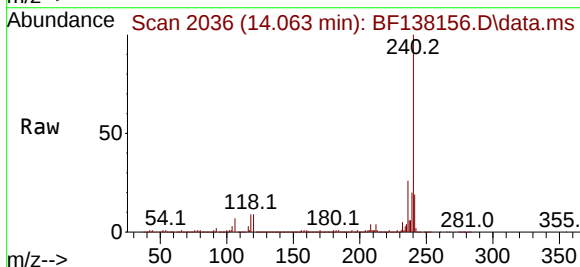
Instrument :
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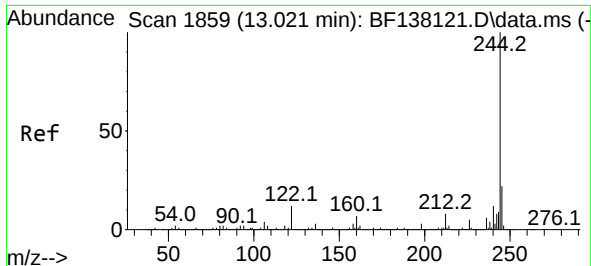
Tgt Ion:188 Resp: 1438682
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138156.D
Acq: 07 Jun 2024 13:07

Tgt Ion:240 Resp: 573575
Ion Ratio Lower Upper
240 100
120 9.1 9.8 14.8#
236 26.5 21.2 31.8

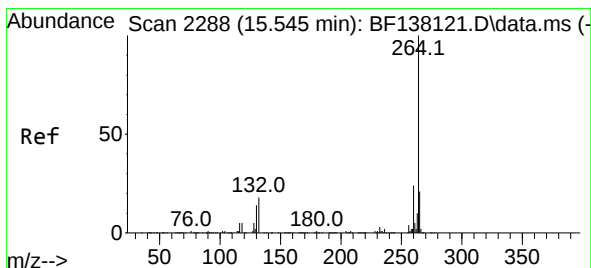
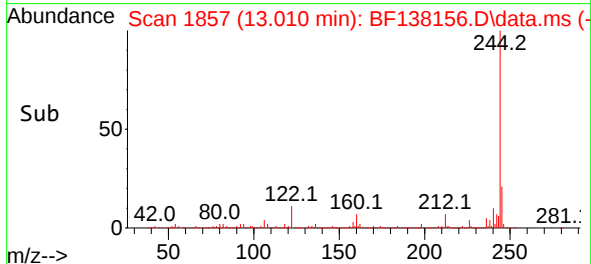
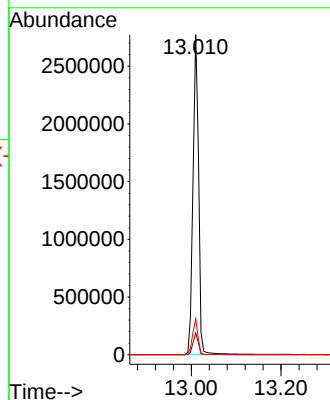
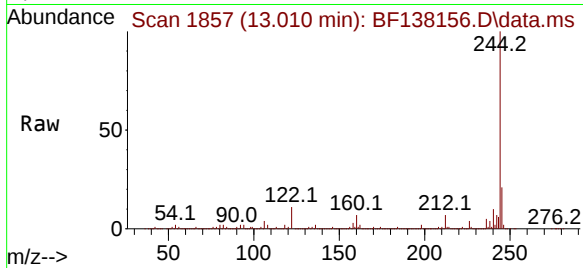




#79
 Terphenyl-d14
 Concen: 62.919 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.012 min
 Lab File: BF138156.D
 Acq: 07 Jun 2024 13:07

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Tgt Ion:244 Resp: 2412770
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 11.2 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF138156.D
 Acq: 07 Jun 2024 13:07

Tgt Ion:264 Resp: 554575
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.9 17.1 25.7

