

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Time: May 29 16:33:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	80187	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	291721	20.000	ng	# 0.00
39) Acenaphthene-d10	10.086	164	151287	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	209537	20.000	ng	0.00
76) Chrysene-d12	14.233	240	162979	20.000	ng	0.00
86) Perylene-d12	15.804	264	128502	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	262274	55.559	ng	0.00
7) Phenol-d6	6.651	99	324450	55.795	ng	0.00
23) Nitrobenzene-d5	7.592	82	195905	39.521	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	86589	56.764	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	459092	46.744	ng	0.00
79) Terphenyl-d14	13.168	244	378550	34.232	ng	0.00

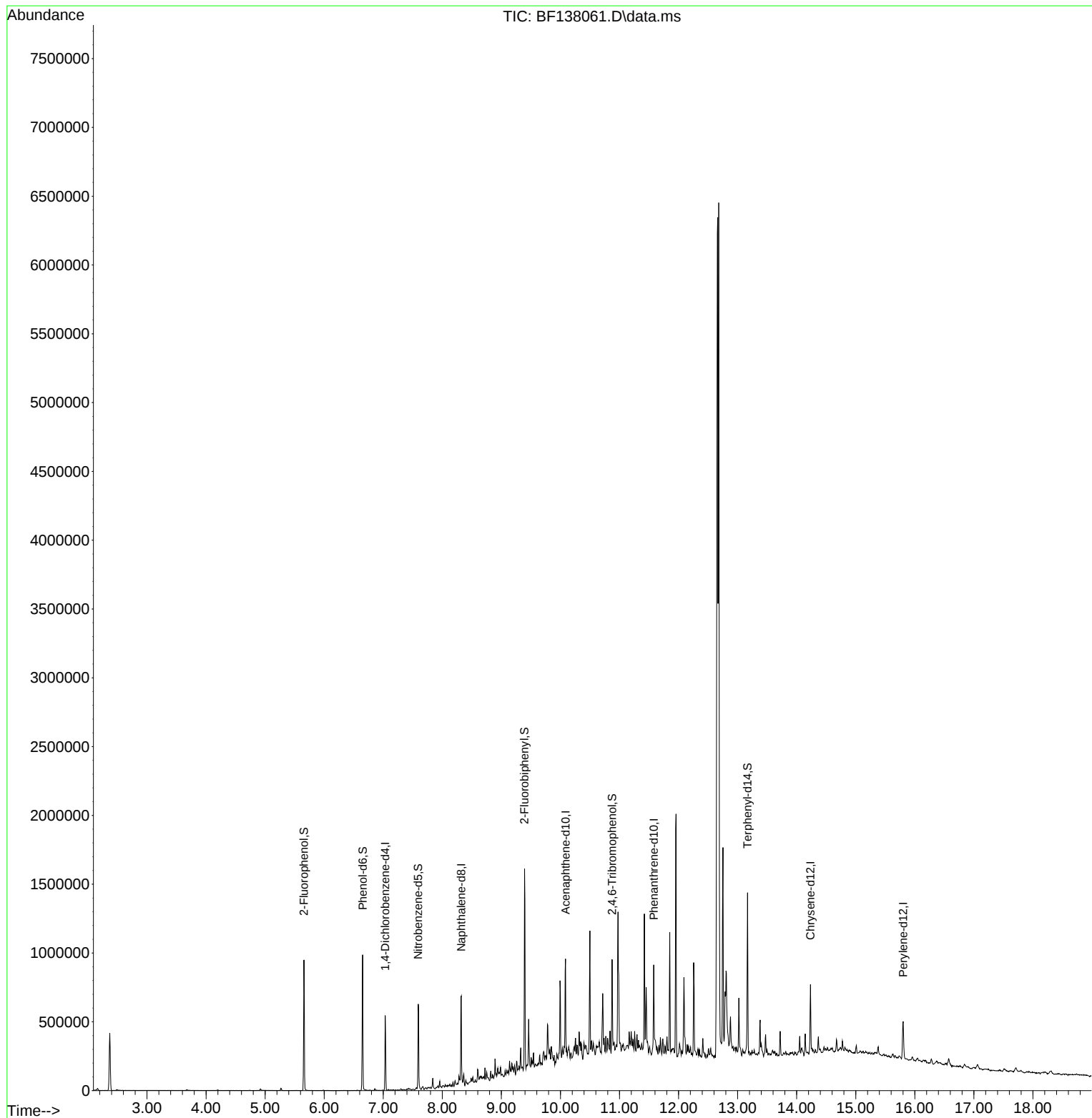
Target Compounds	Qvalue

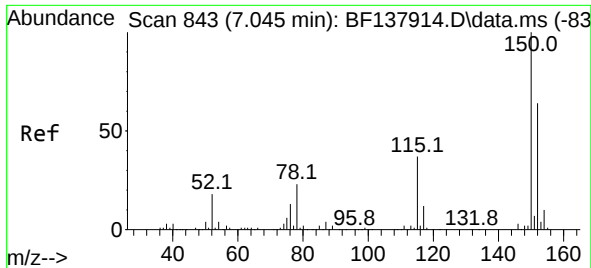
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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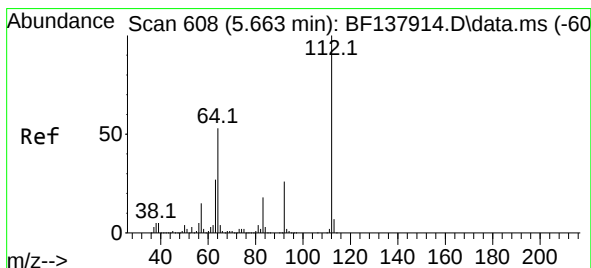
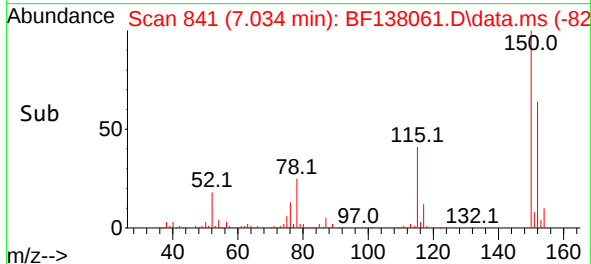
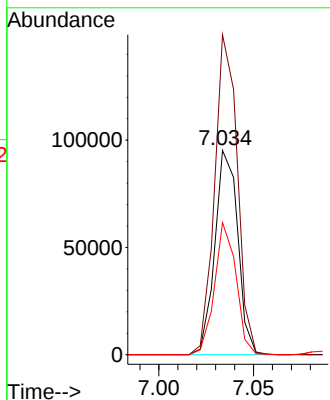
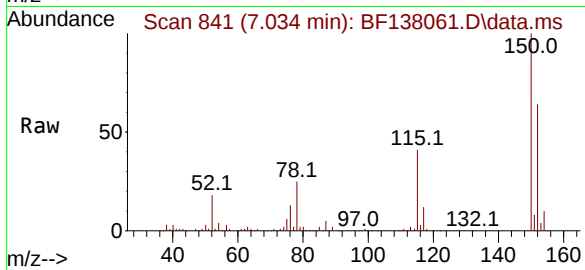




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

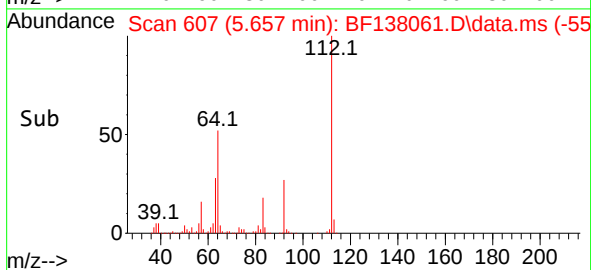
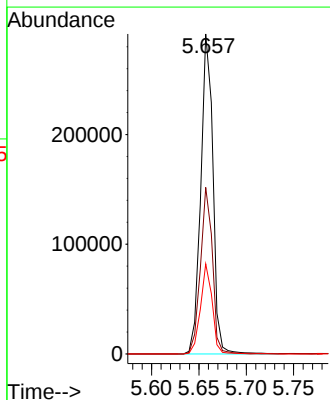
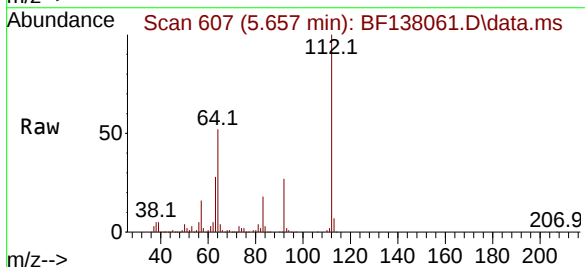
Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

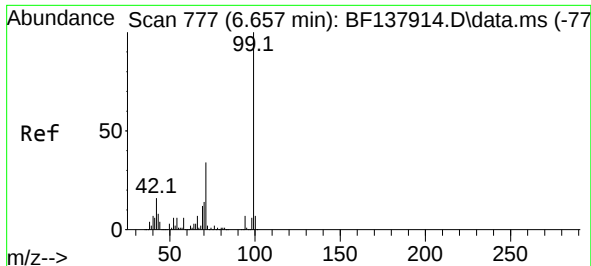
Tgt Ion:152 Resp: 80187
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 64.7 47.0 70.6



#5
2-Fluorophenol
Concen: 55.559 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

Tgt Ion:112 Resp: 262274
Ion Ratio Lower Upper
112 100
64 52.1 42.4 63.6
63 28.2 21.4 32.2





#7

Phenol-d6

Concen: 55.795 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

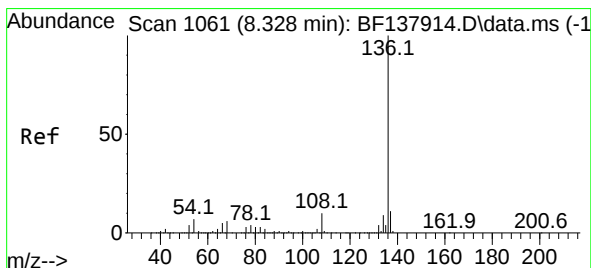
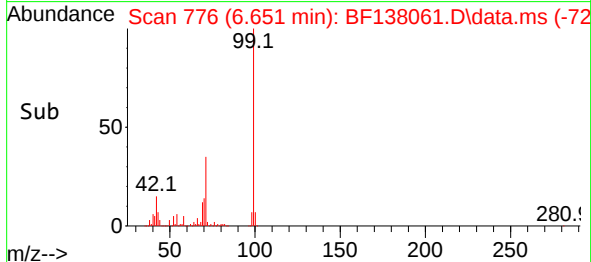
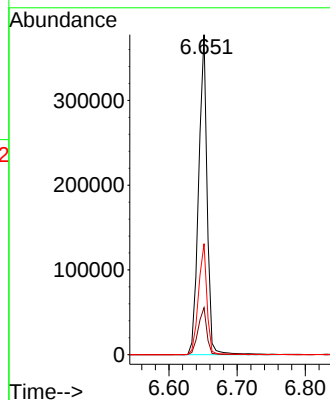
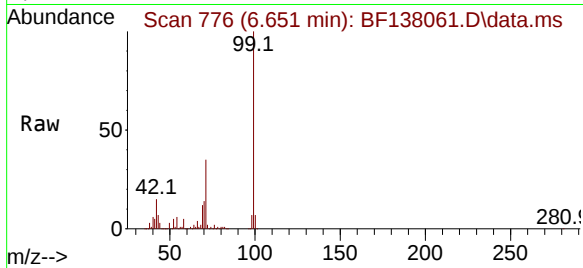
Tgt Ion: 99 Resp: 324450

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

71 34.7 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.322 min Scan# 1060

Delta R.T. -0.006 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

Tgt Ion: 136 Resp: 291721

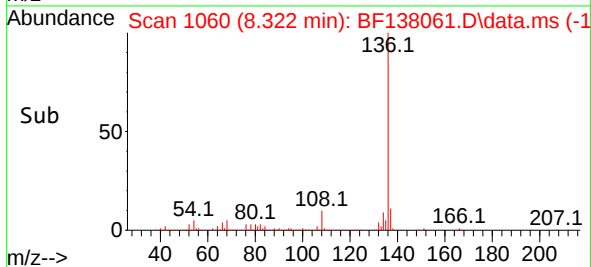
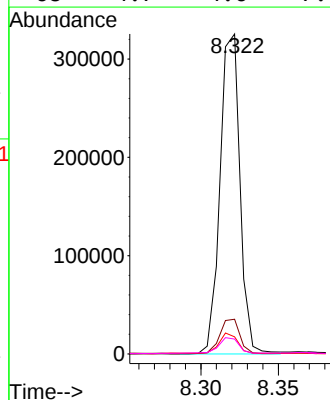
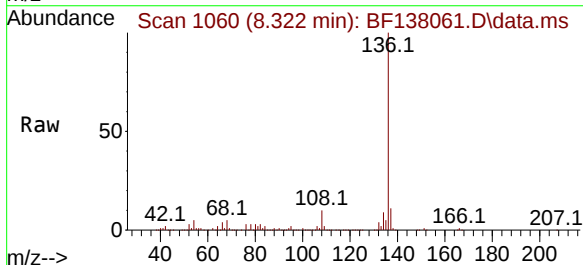
Ion Ratio Lower Upper

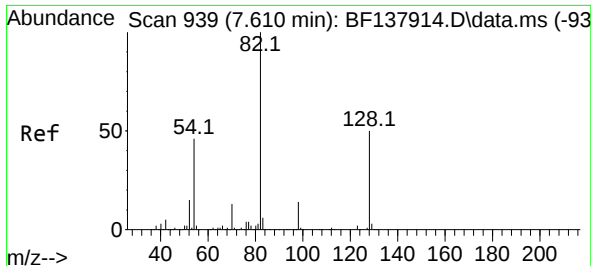
136 100

137 10.9 8.7 13.1

54 5.4 5.4 8.2#

68 4.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 39.521 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

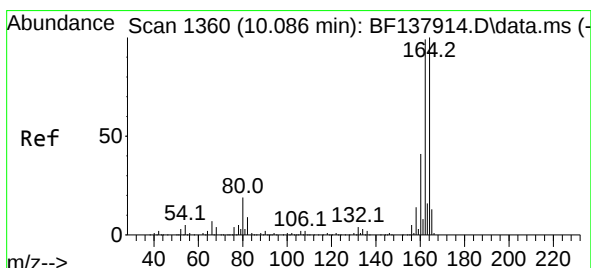
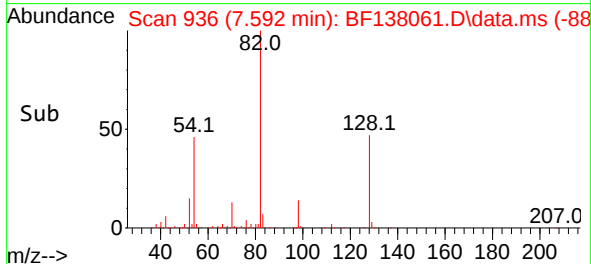
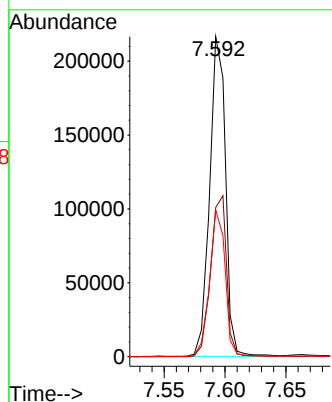
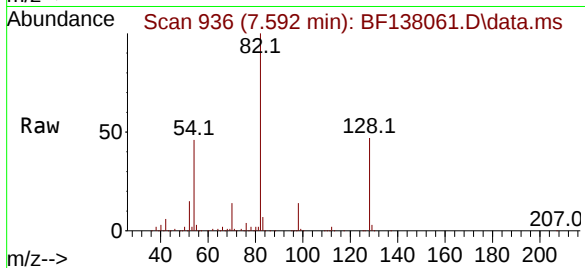
Tgt Ion: 82 Resp: 195905

Ion Ratio Lower Upper

82 100

128 46.6 40.3 60.5

54 45.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

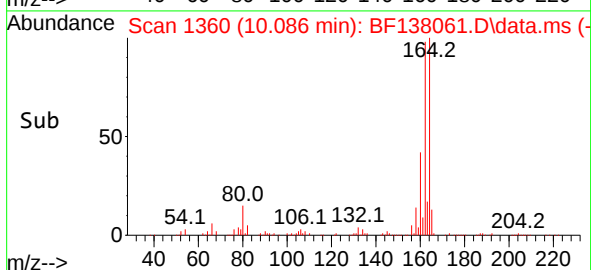
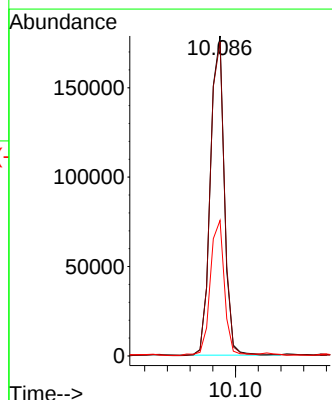
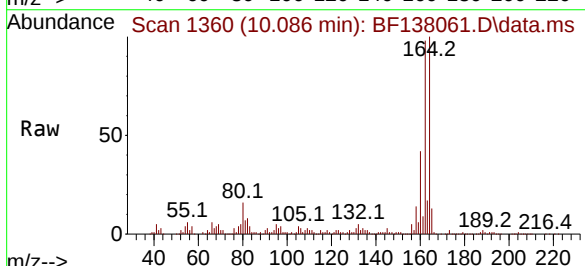
Tgt Ion:164 Resp: 151287

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.2

160 42.4 33.1 49.7

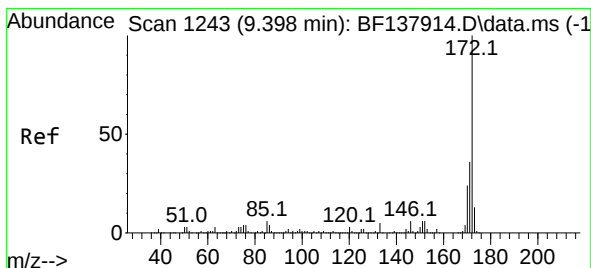
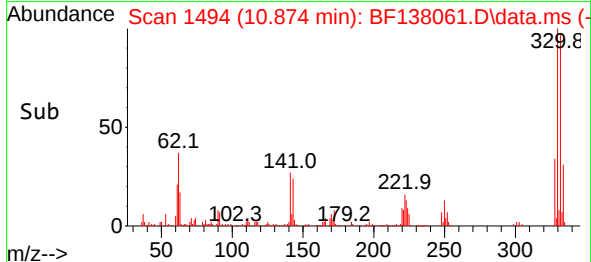
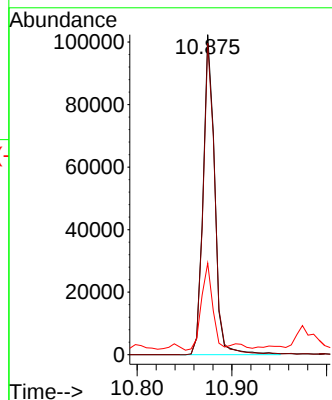
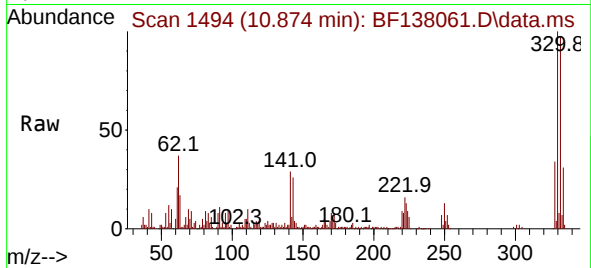




#42
2,4,6-Tribromophenol
Concen: 56.764 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

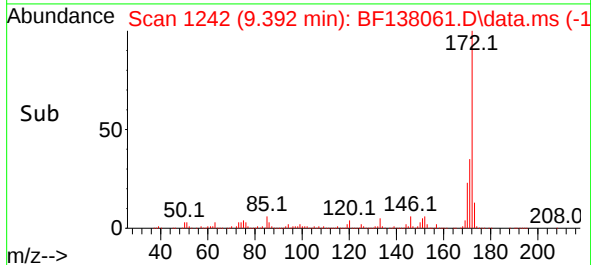
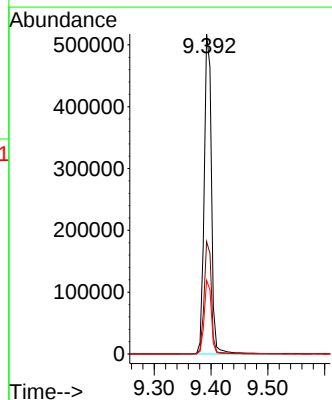
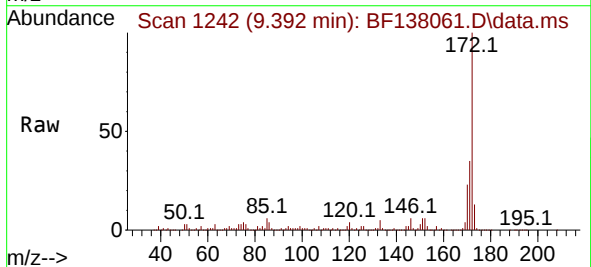
Instrument :
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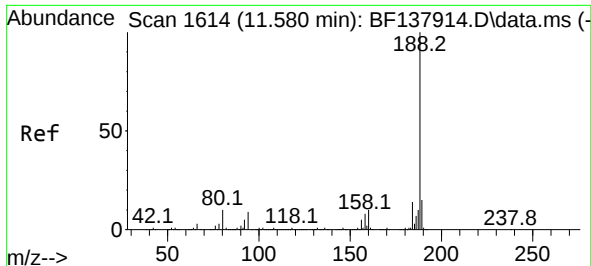
Tgt Ion: 330 Resp: 86589
Ion Ratio Lower Upper
330 100
332 98.9 75.8 113.8
141 26.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 46.744 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

Tgt Ion: 172 Resp: 459092
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.0 18.9 28.3

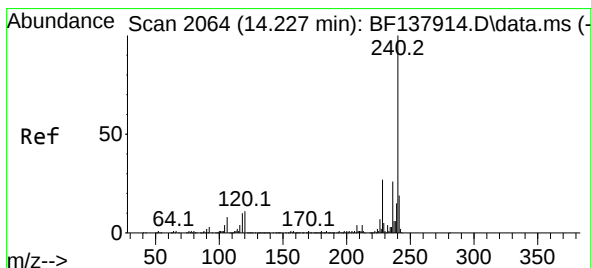
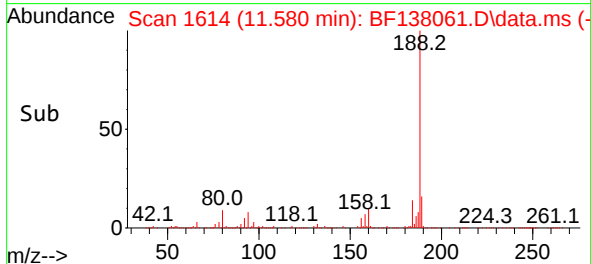
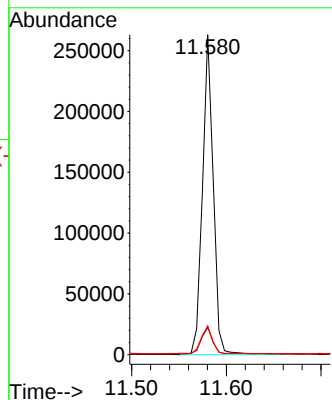
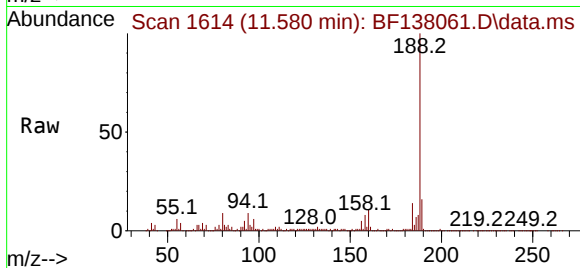




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

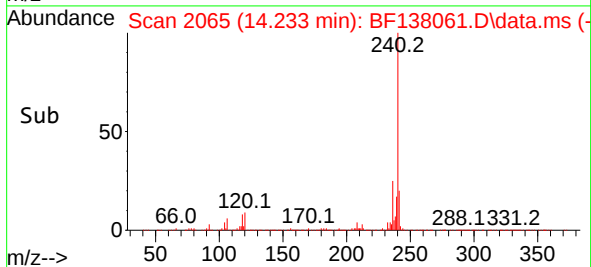
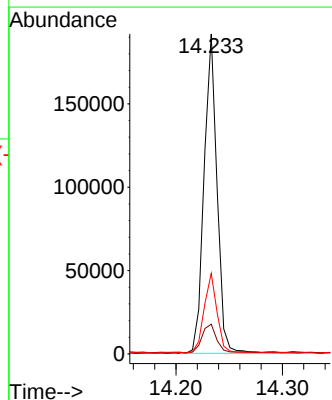
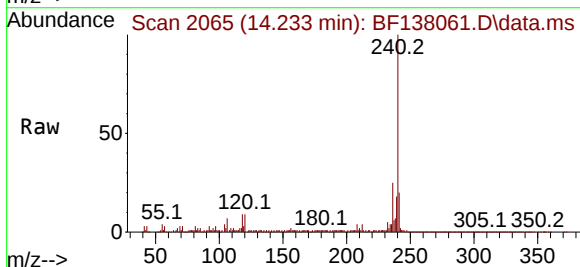
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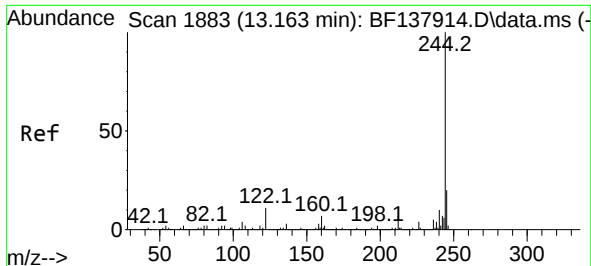
Tgt Ion:188 Resp: 209537
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

Tgt Ion:240 Resp: 162979
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.2 21.0 31.4

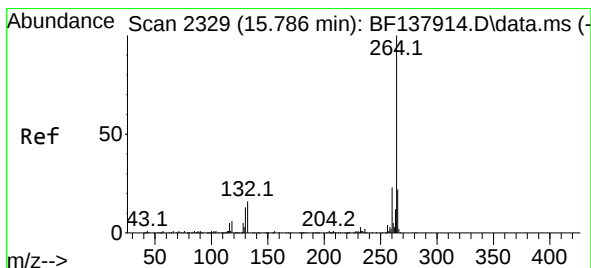
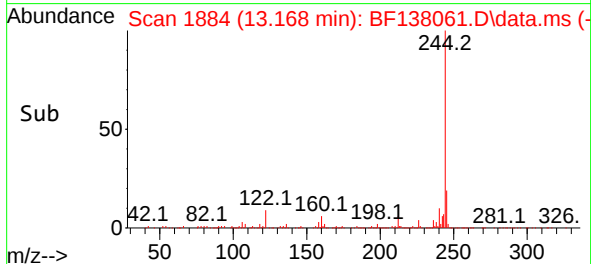
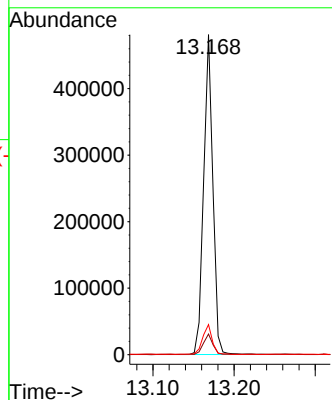
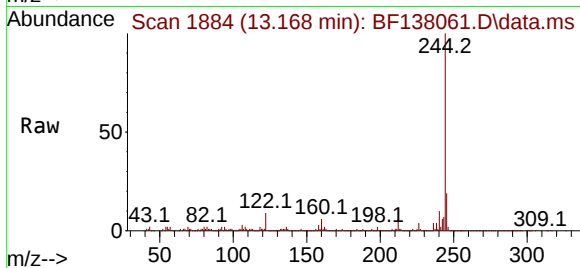




#79
 Terphenyl-d14
 Concen: 34.232 ng
 RT: 13.168 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: BF138061.D
 Acq: 29 May 2024 16:09

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-05242024

Tgt Ion:244 Resp: 378550
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. 0.018 min
 Lab File: BF138061.D
 Acq: 29 May 2024 16:09

Tgt Ion:264 Resp: 128502
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.1 17.6 26.4

