

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)

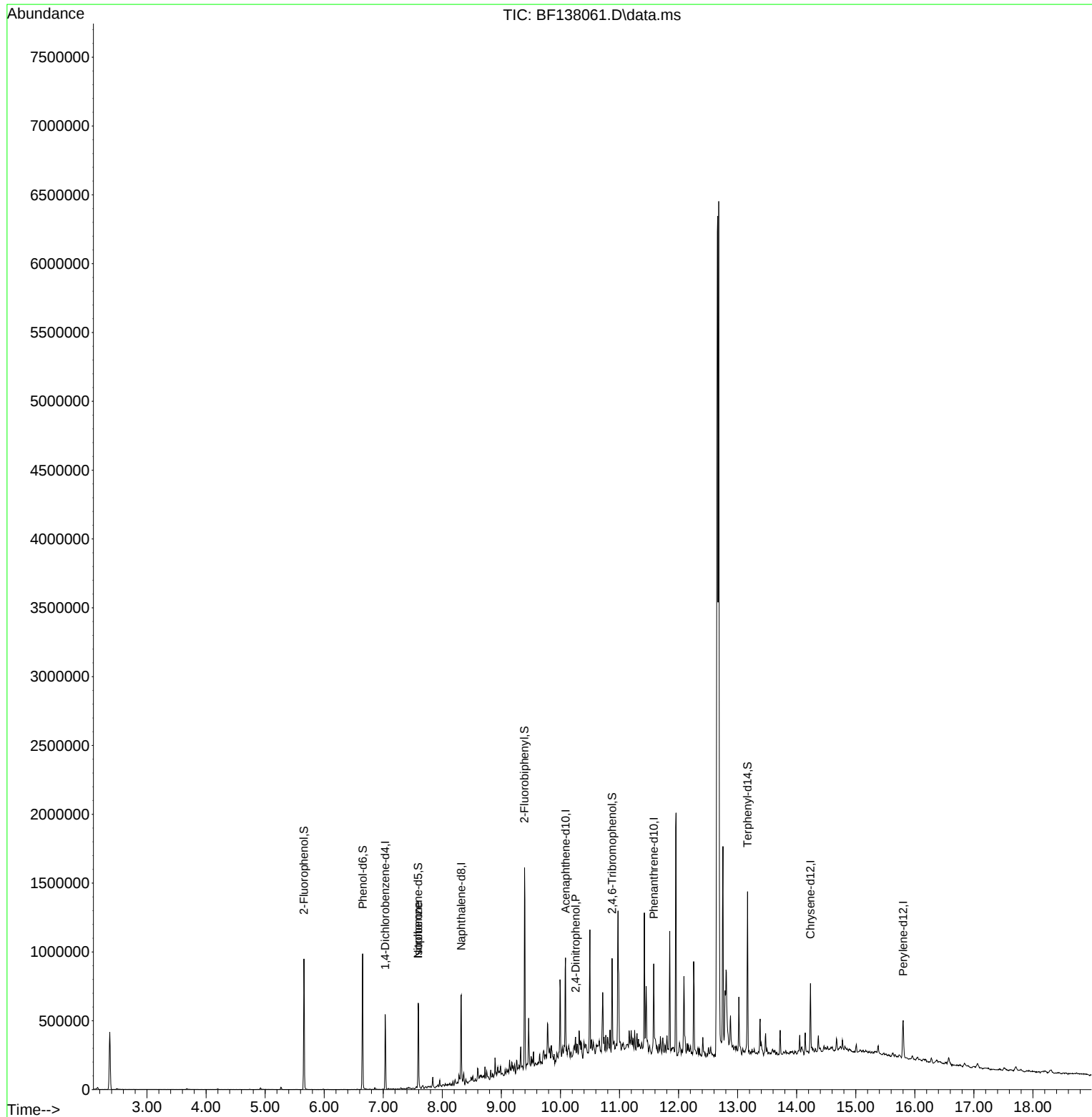
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	80187	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	291721	20.000	ng	# 0.00
39) Acenaphthene-d10	10.086	164	151287	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	209537	20.000	ng	0.00
76) Chrysene-d12	14.233	240	162979	20.000	ng	0.00
86) Perylene-d12	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						
25) Isophorone	7.592	82	195905	22.771	ng	# 64
54) 2,4-Dinitrophenol	10.257	184	59	7.013	ng	# 1

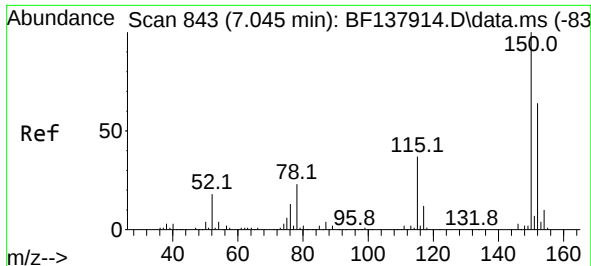
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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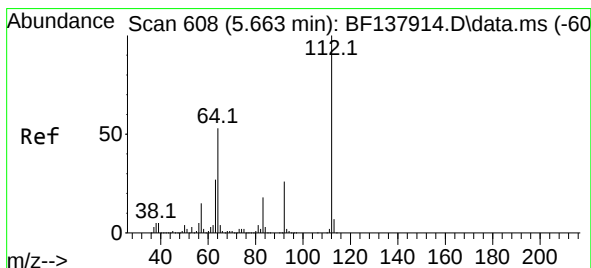
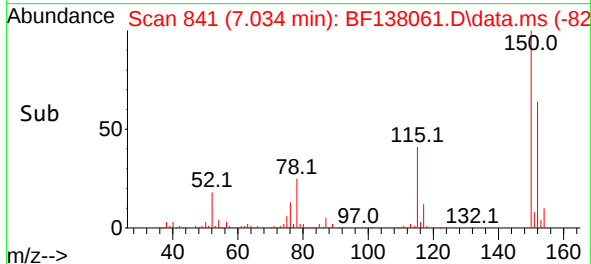
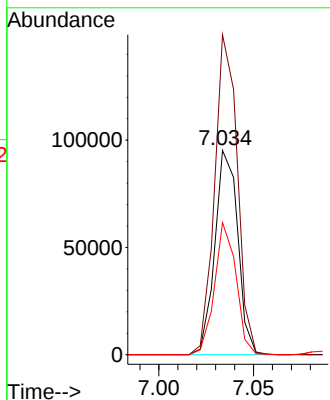
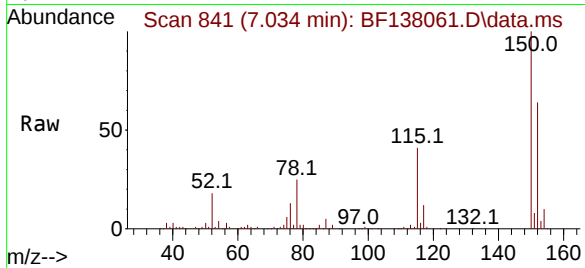




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

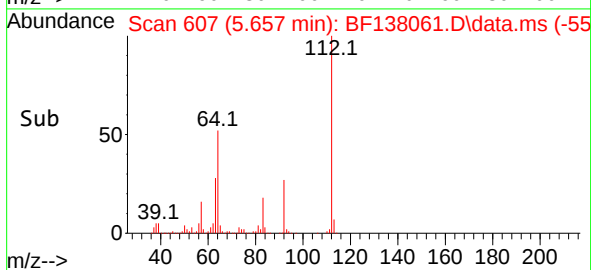
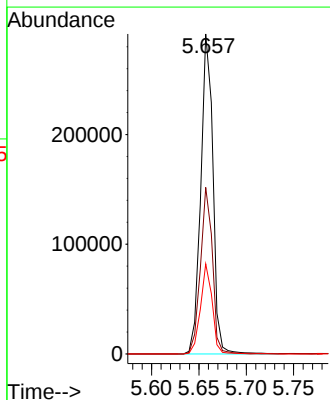
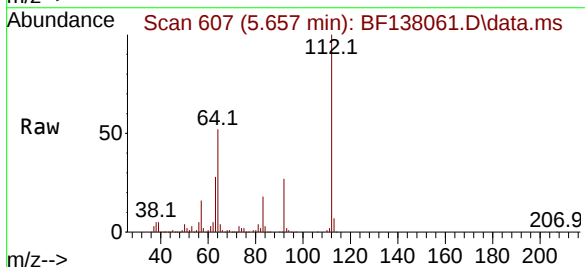
Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

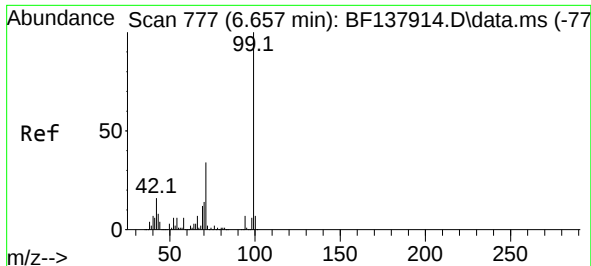
Tgt Ion:152 Resp: 80187
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 64.7 47.0 70.6



#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 :

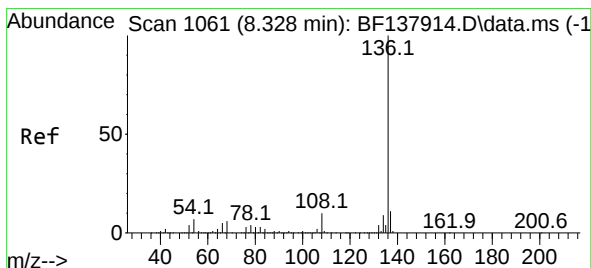
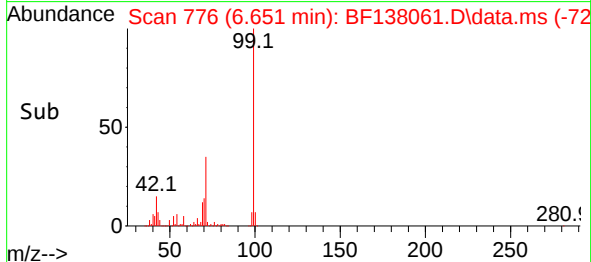
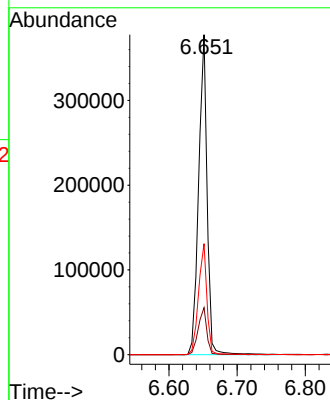
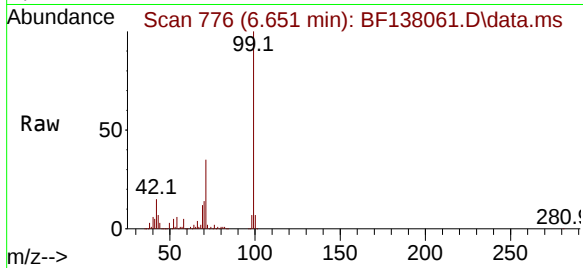
BNA_F

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

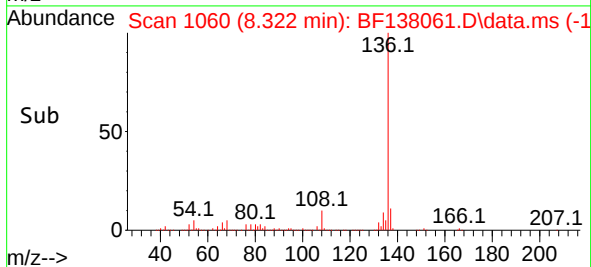
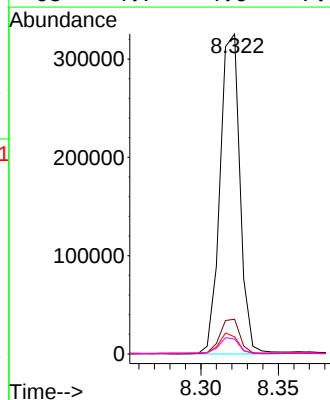
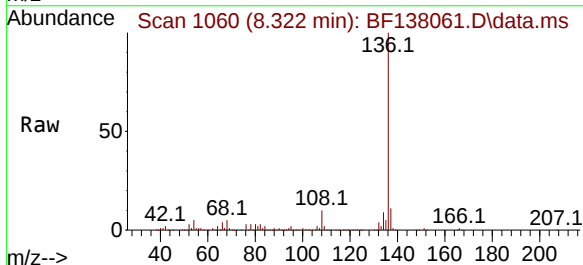
Delta R.T. -0.006 min

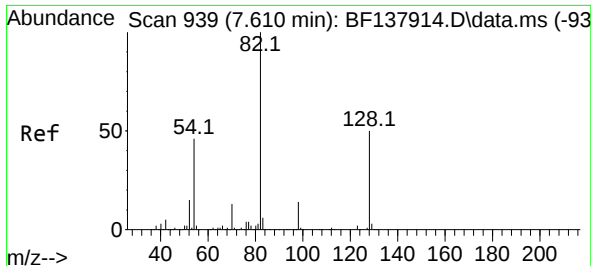
Lab File: BF138061.D

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

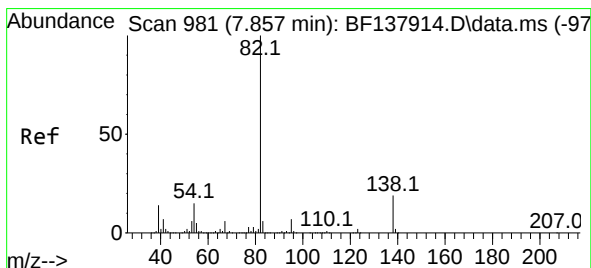
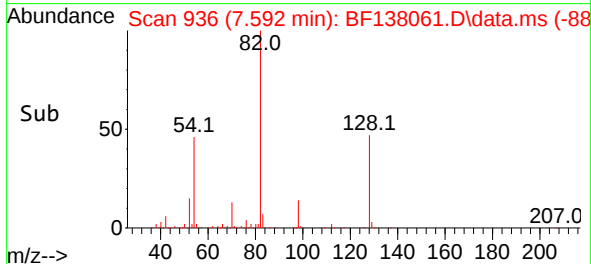
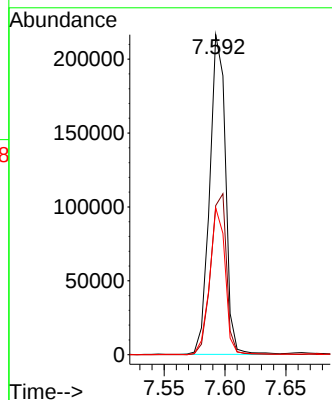
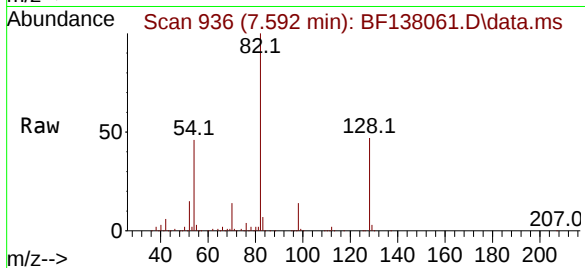
Tgt Ion: 82 Resp: 195905

Ion Ratio Lower Upper

82 100

128 46.6 40.3 60.5

54 45.8 36.8 55.2



#25

Isophorone

Concen: 22.771 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.265 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

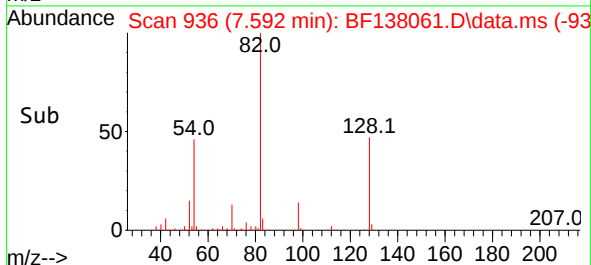
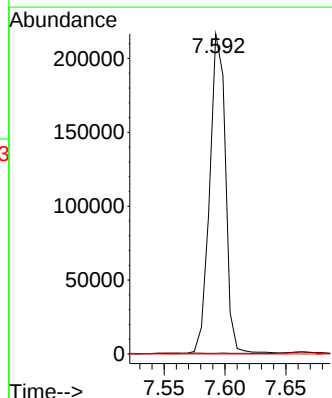
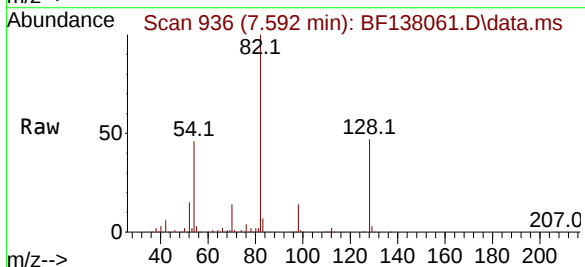
Tgt Ion: 82 Resp: 195905

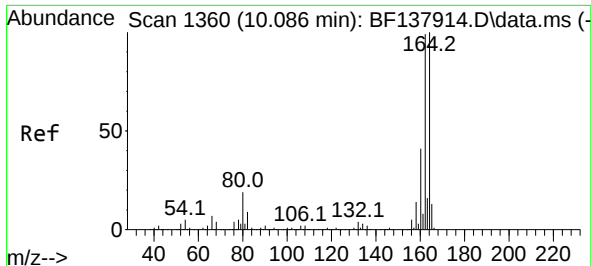
Ion Ratio Lower Upper

82 100

95 0.2 6.0 9.0#

138 0.0 15.0 22.4#

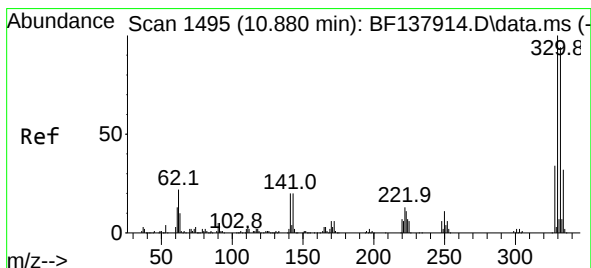
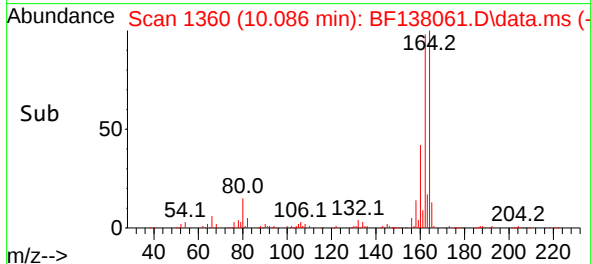
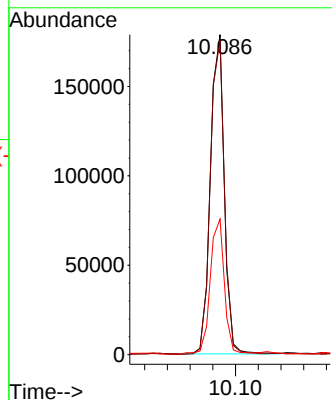
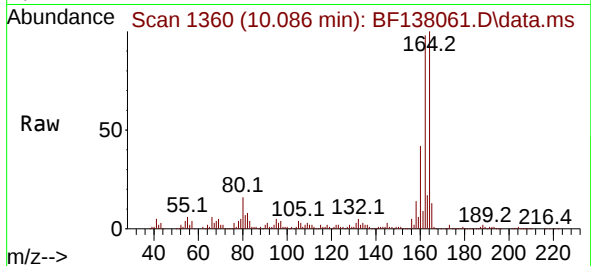




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

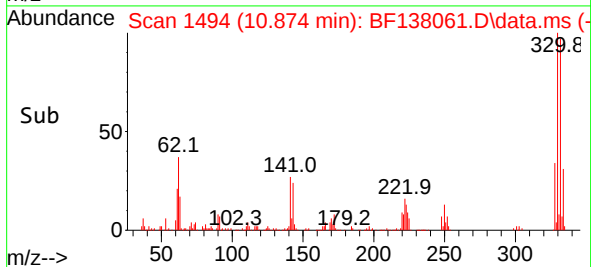
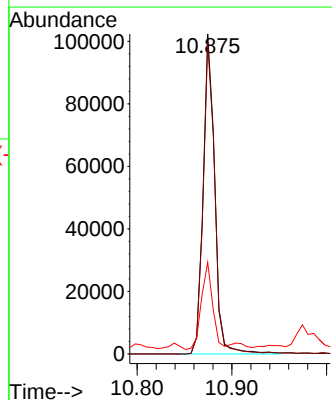
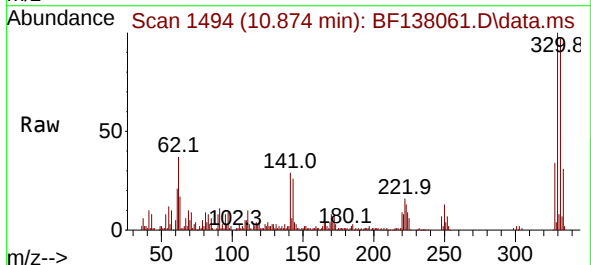
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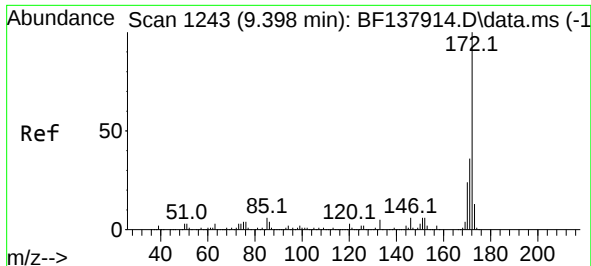
Tgt Ion:164 Resp: 151287
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.2
160 42.4 33.1 49.7



#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

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# 1

Delta R.T. -0.006 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

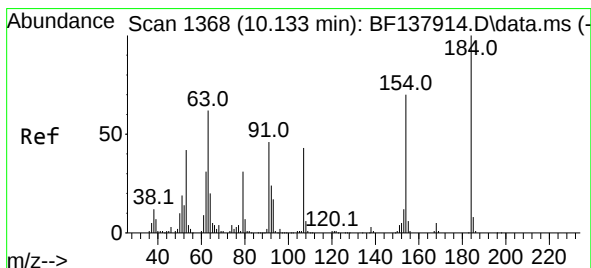
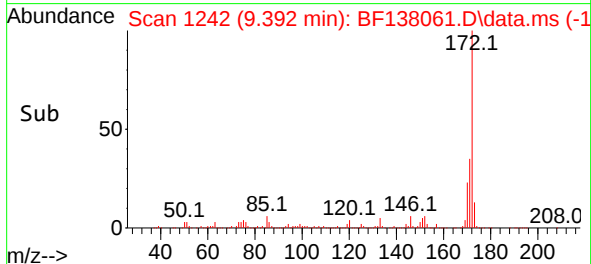
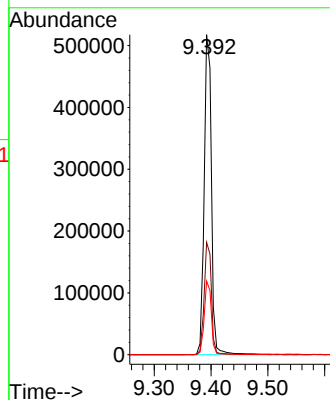
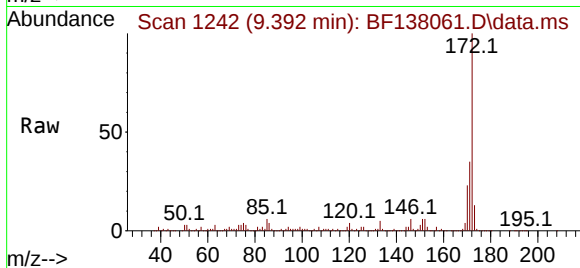
Tgt Ion:172 Resp: 459092

Ion Ratio Lower Upper

172 100

171 35.1 28.9 43.3

170 23.0 18.9 28.3



#54

2,4-Dinitrophenol

Concen: 7.013 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.124 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

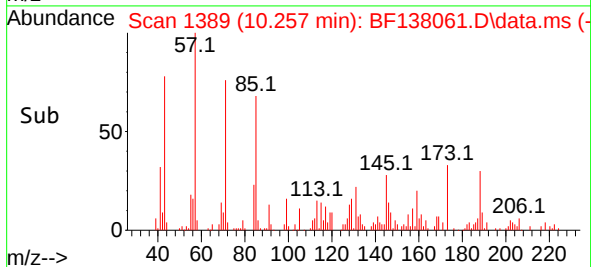
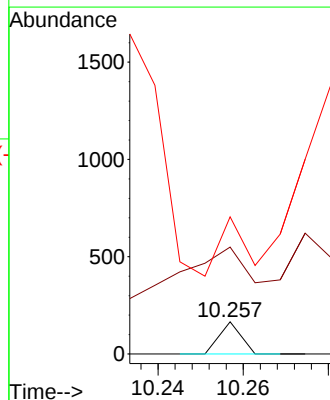
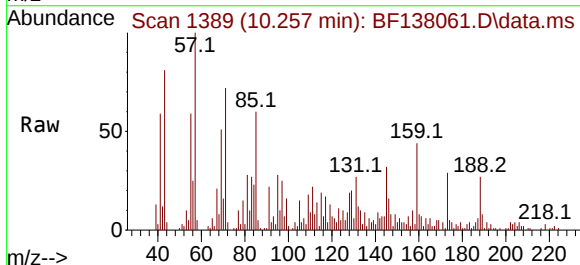
Tgt Ion:184 Resp: 59

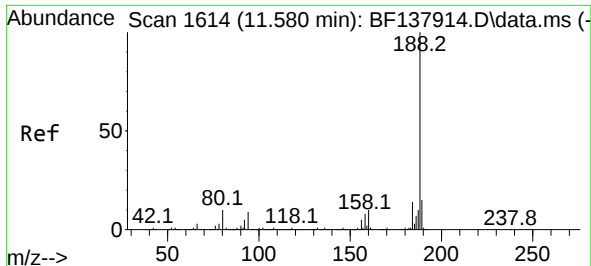
Ion Ratio Lower Upper

184 100

63 331.3 50.4 75.6#

154 424.7 63.7 95.5#

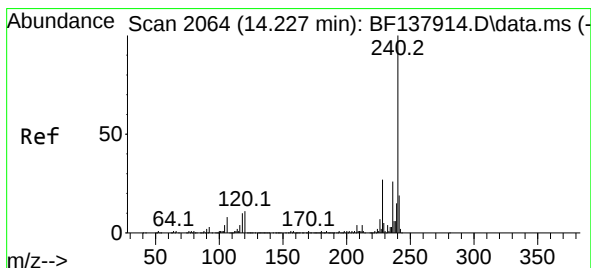
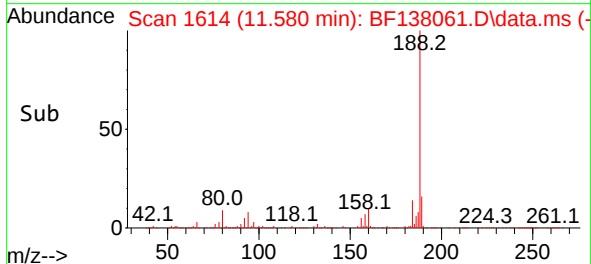
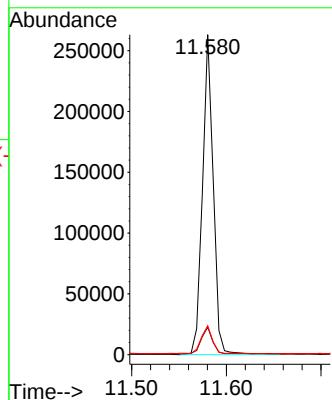
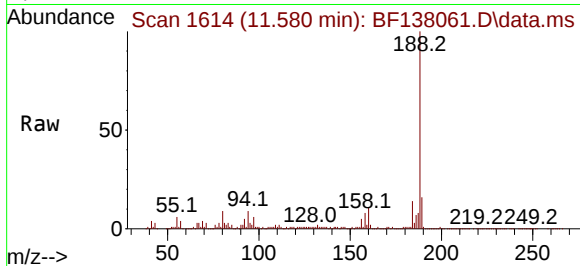




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138061.D
Acq: 29 May 2024 16:09

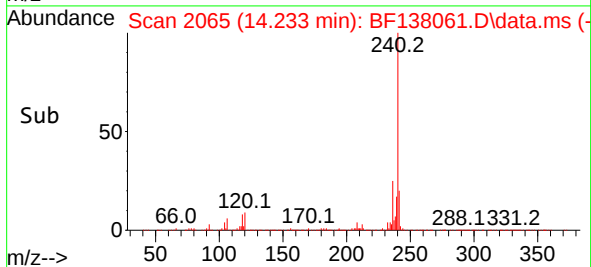
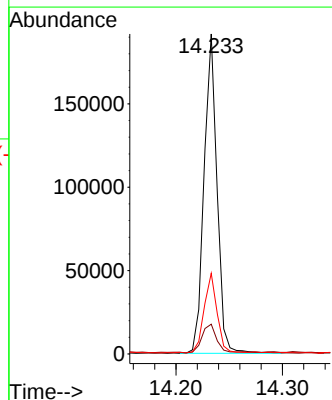
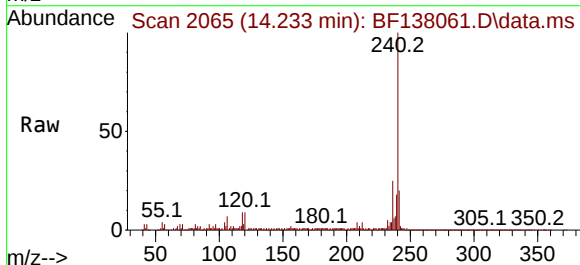
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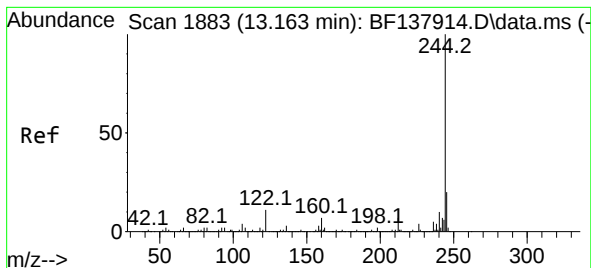
Tgt Ion:188 Resp: 209537
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.0 7.7 11.5



#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# 1

Delta R.T. 0.006 min

Lab File: BF138061.D

Acq: 29 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

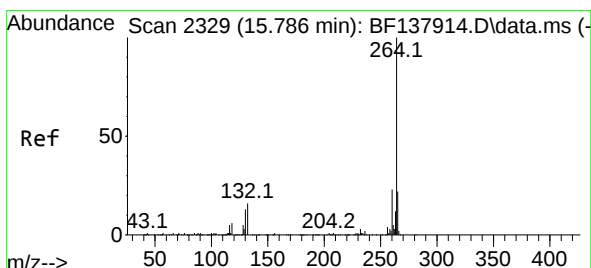
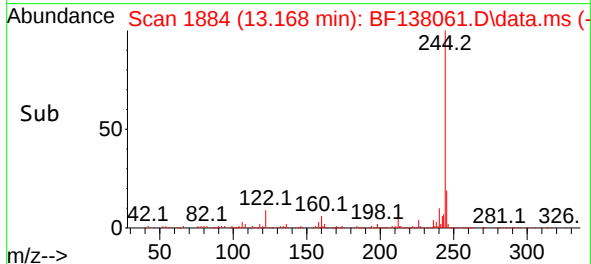
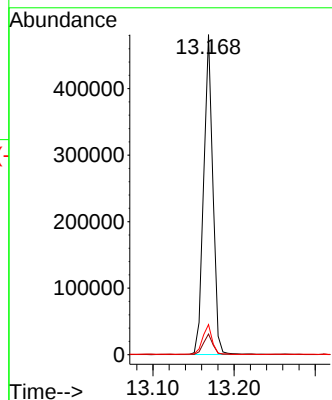
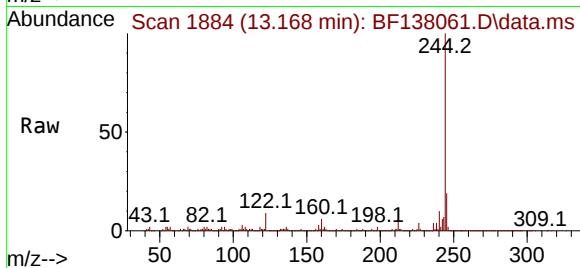
Tgt Ion:244 Resp: 378550

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

