

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138080.D
 Acq On : 30 May 2024 17:21
 Operator : CG\JU
 Sample : P2610-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-05242024

Quant Time: May 30 17:57:37 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)

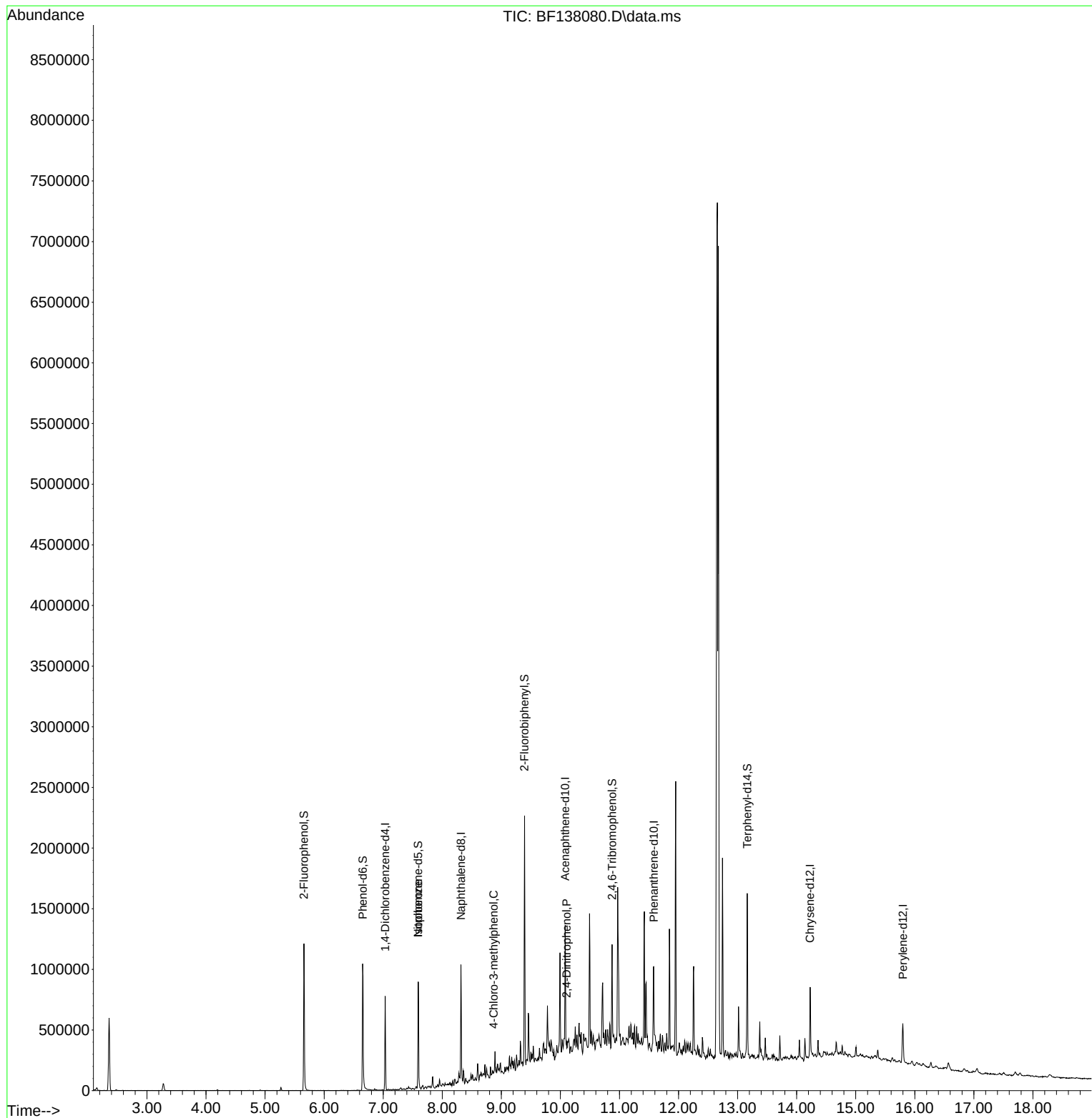
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	104065	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	397846	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	202052	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	266464	20.000	ng	0.00
76) Chrysene-d12	14.227	240	199291	20.000	ng	0.00
86) Perylene-d12	15.798	264	156213	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	360731	58.882	ng	0.00
7) Phenol-d6	6.651	99	427588	56.659	ng	0.00
23) Nitrobenzene-d5	7.593	82	267540	39.575	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	110807	54.389	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	596718	45.492	ng	0.00
79) Terphenyl-d14	13.163	244	460663	34.067	ng	0.00
Target Compounds						
25) Isophorone	7.593	82	265318	22.613	ng	# 64
36) 4-Chloro-3-methylphenol	8.869	107	11480	2.023	ng	89
54) 2,4-Dinitrophenol	10.104	184	55	7.000	ng	# 1

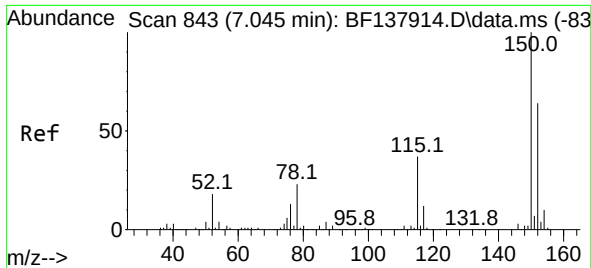
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
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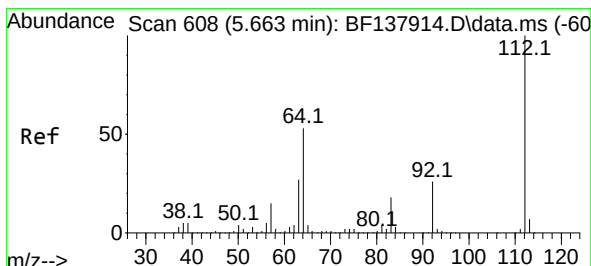
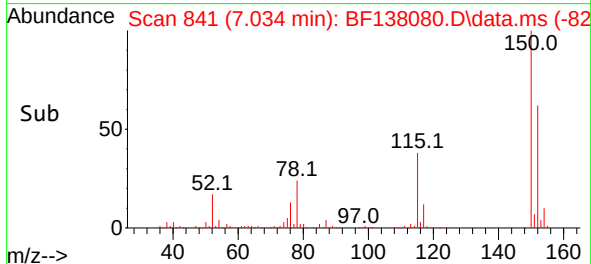
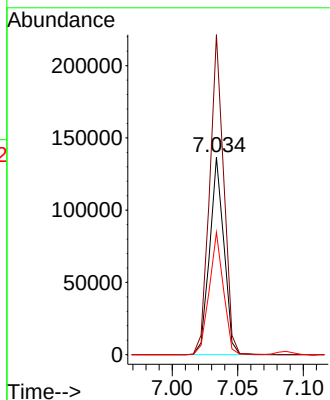
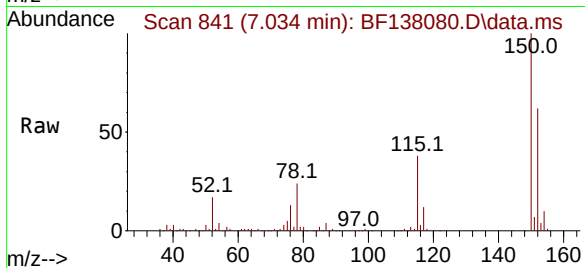




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

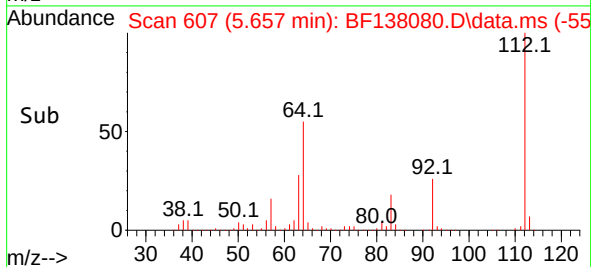
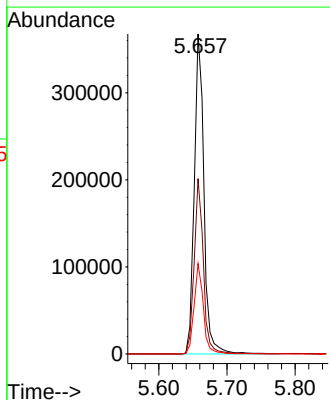
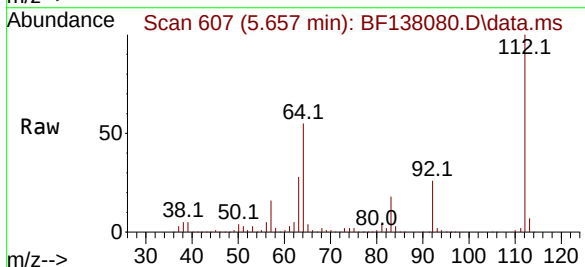
Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

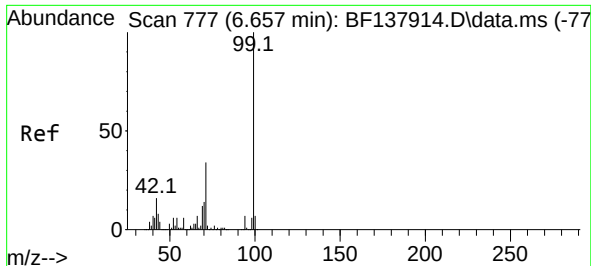
Tgt Ion:152 Resp: 104065
Ion Ratio Lower Upper
152 100
150 161.9 125.7 188.5
115 61.9 47.0 70.6



#5
2-Fluorophenol
Concen: 58.882 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

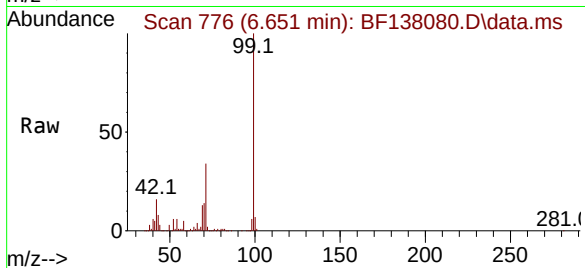
Tgt Ion:112 Resp: 360731
Ion Ratio Lower Upper
112 100
64 54.8 42.4 63.6
63 28.3 21.4 32.2





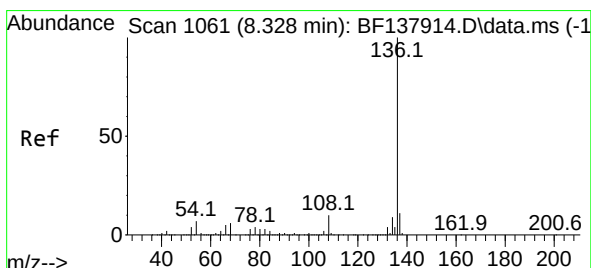
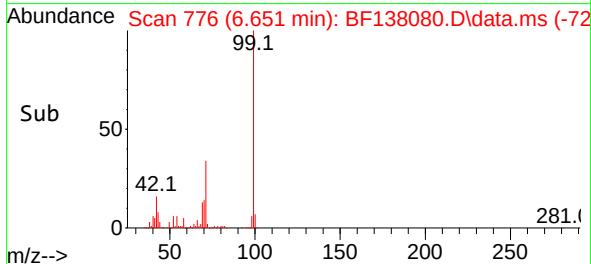
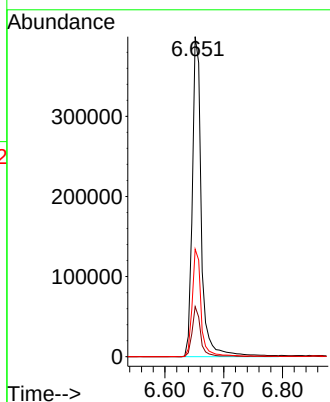
#7
Phenol-d6
Concen: 56.659 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024



Tgt Ion: 99 Resp: 427588

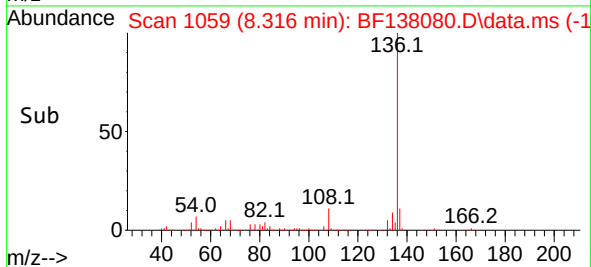
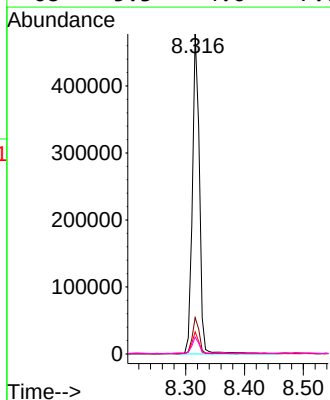
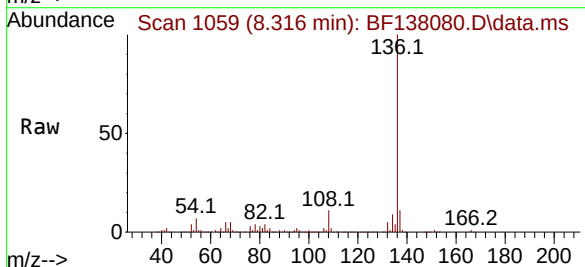
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	33.6	27.1	40.7

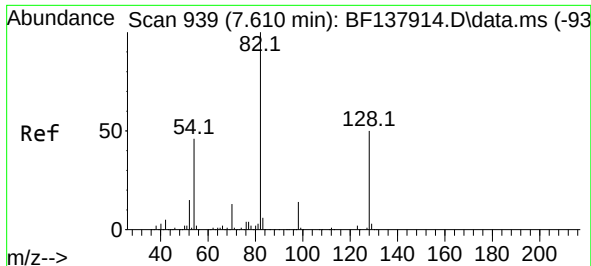


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Tgt Ion: 136 Resp: 397846

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.9	5.4	8.2
68	5.3	4.6	7.0





#23

Nitrobenzene-d5

Concen: 39.575 ng

RT: 7.593 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

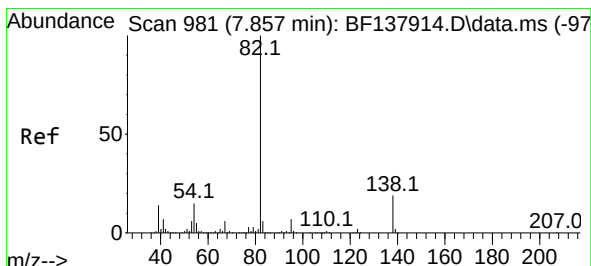
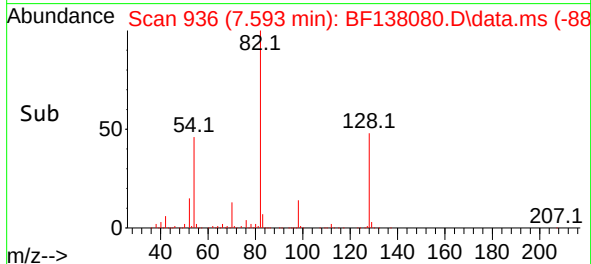
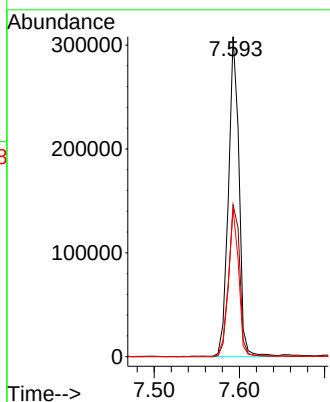
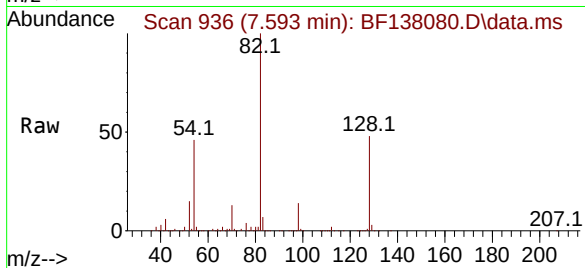
Tgt Ion: 82 Resp: 267540

Ion Ratio Lower Upper

82 100

128 47.5 40.3 60.5

54 46.3 36.8 55.2



#25

Isophorone

Concen: 22.613 ng

RT: 7.593 min Scan# 936

Delta R.T. -0.265 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

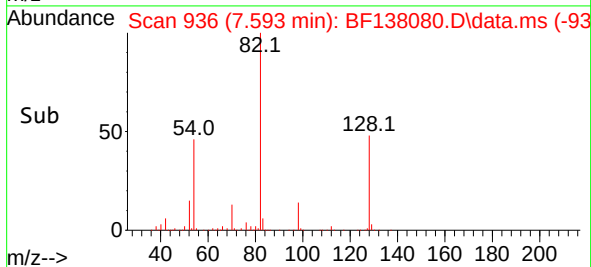
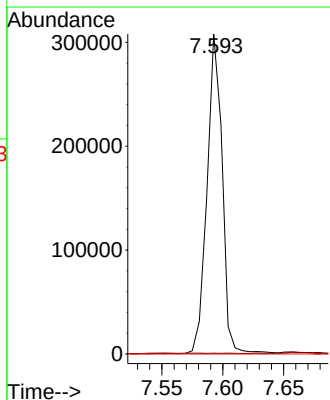
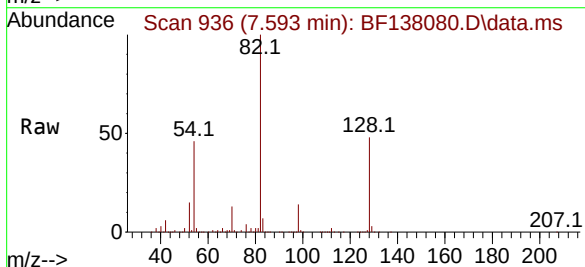
Tgt Ion: 82 Resp: 265318

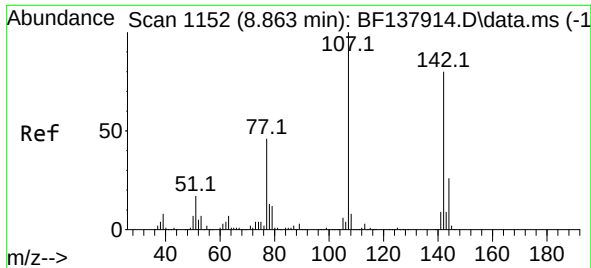
Ion Ratio Lower Upper

82 100

95 0.2 6.0 9.0#

138 0.0 15.0 22.4#

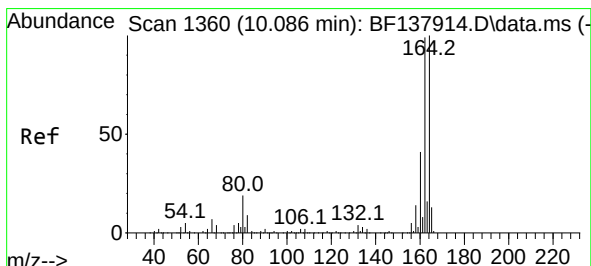
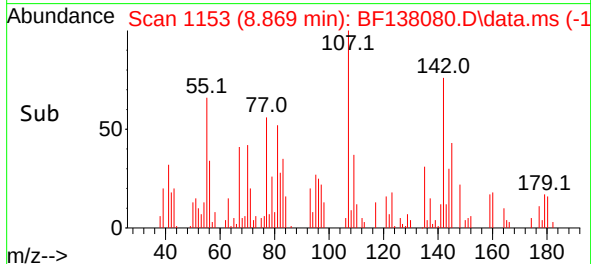
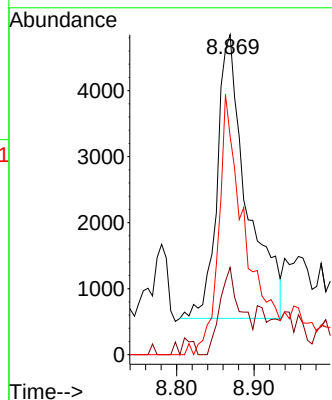
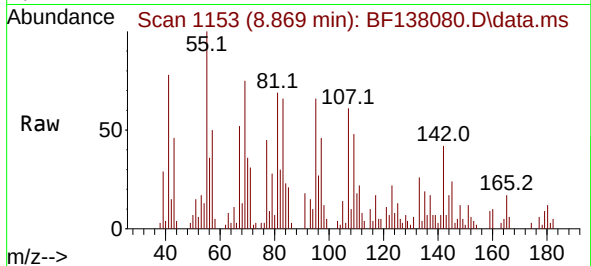




#36
4-Chloro-3-methylphenol
Concen: 2.023 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

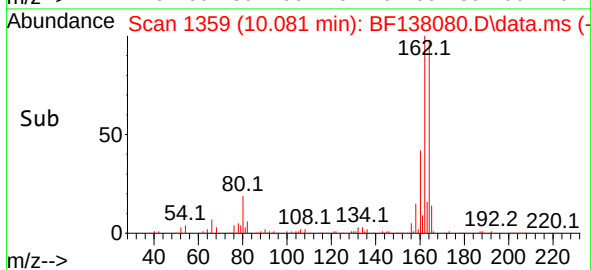
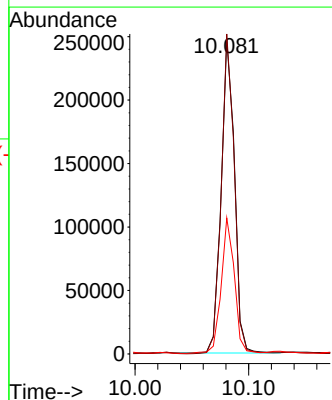
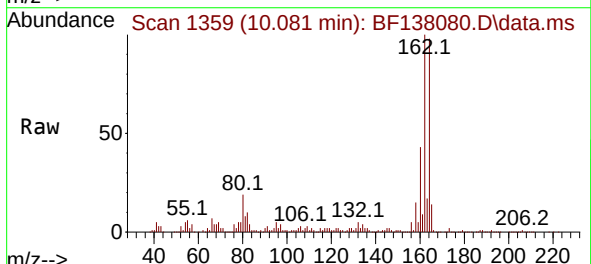
Instrument :
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HR-02-05242024

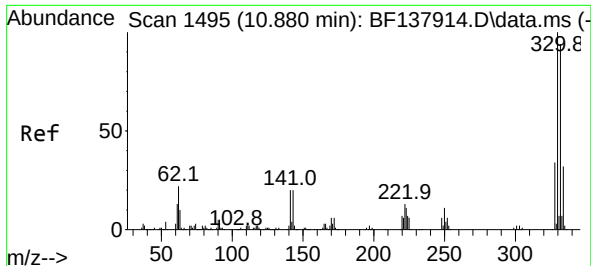
Tgt Ion:	107	Resp:	11480
Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.7	31.1
142	68.3	64.0	96.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Tgt Ion:	164	Resp:	202052
Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.4	119.2
160	43.3	33.1	49.7





#42

2,4,6-Tribromophenol

Concen: 54.389 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

HR-02-05242024

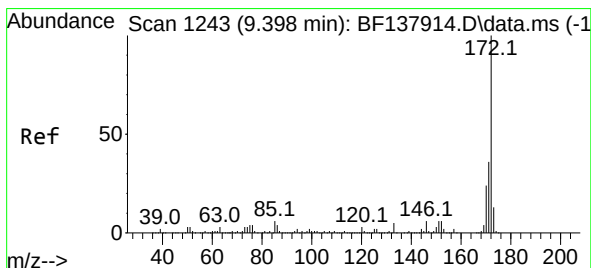
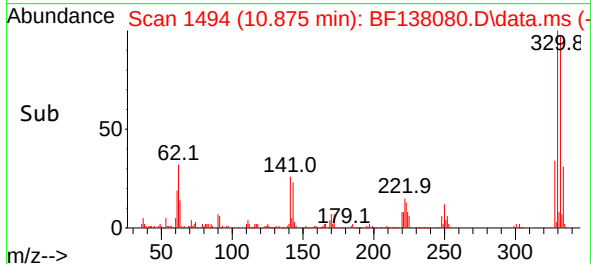
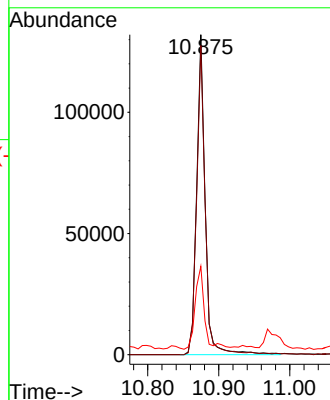
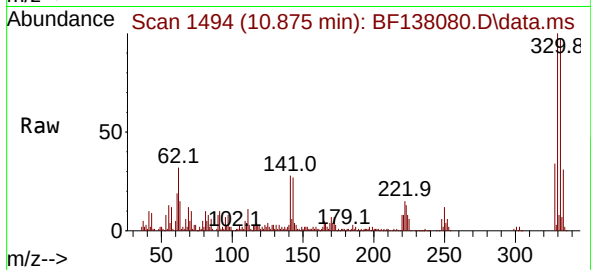
Tgt Ion:330 Resp: 110807

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.8

141 26.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 45.492 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

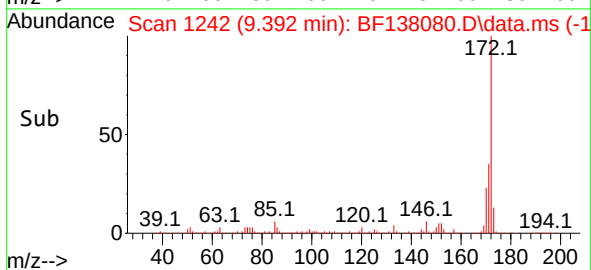
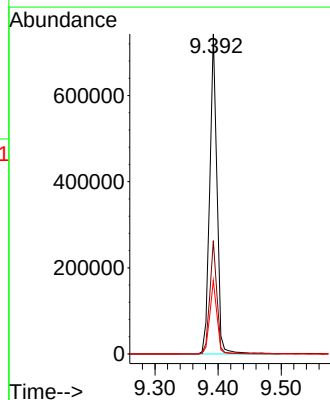
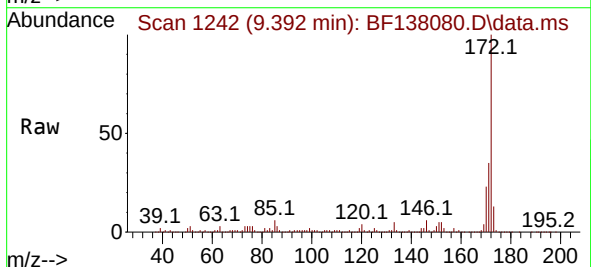
Tgt Ion:172 Resp: 596718

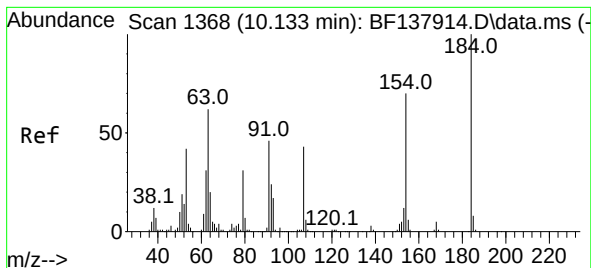
Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.0 18.9 28.3

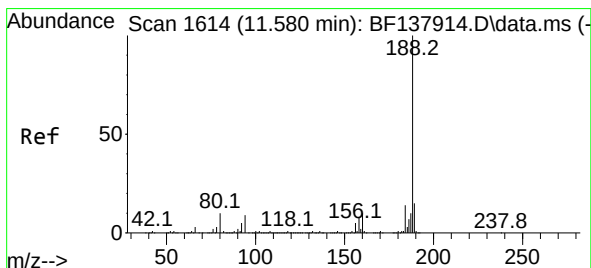
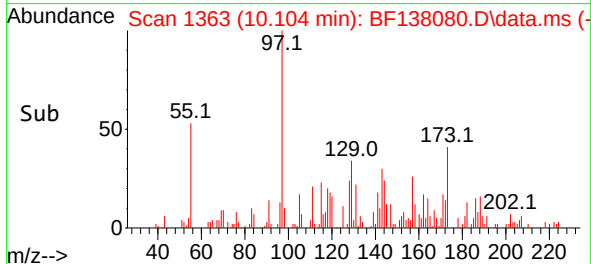
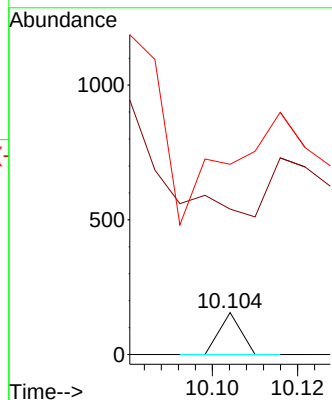
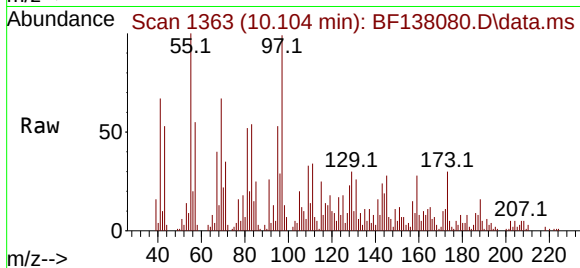




#54
2,4-Dinitrophenol
Concen: 7.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

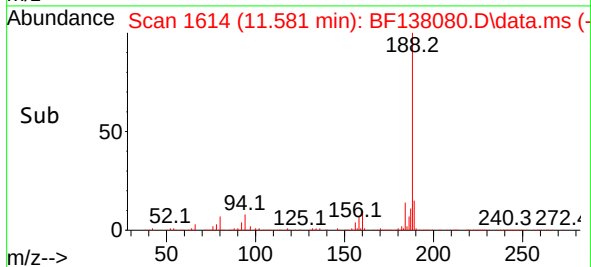
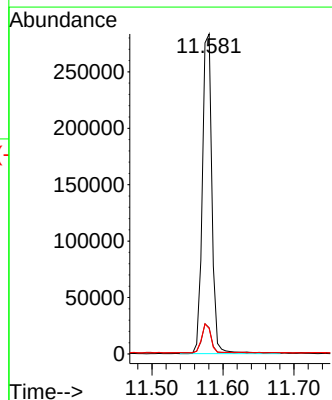
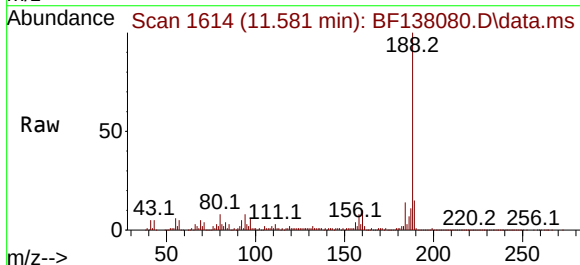
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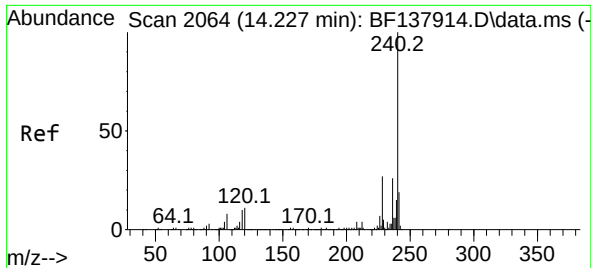
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 346.2 50.4 75.6#
154 452.6 63.7 95.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.581 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Tgt Ion:188 Resp: 266464
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 7.9 7.7 11.5

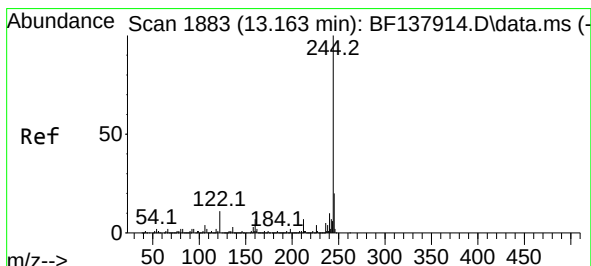
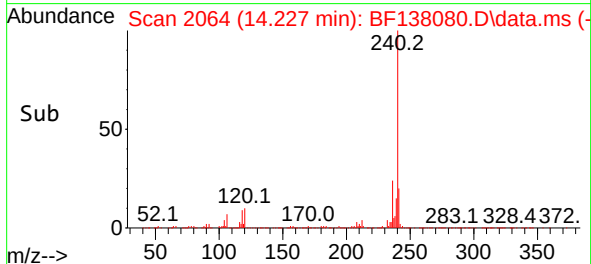
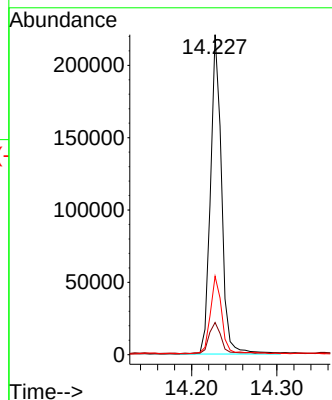
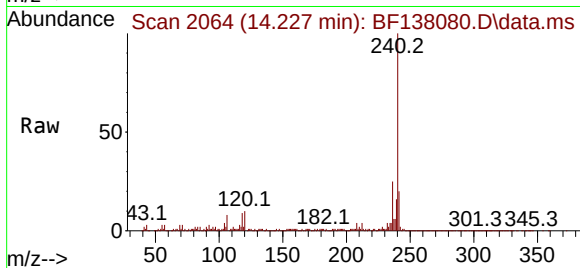




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

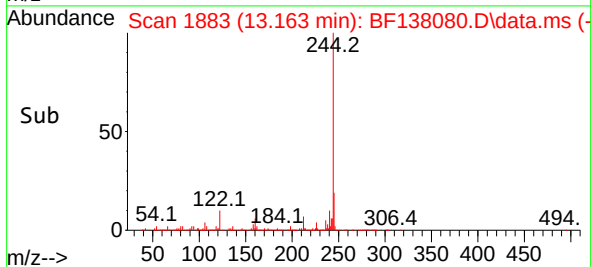
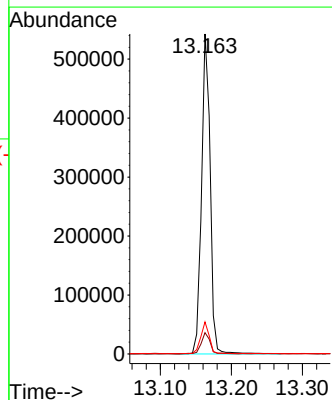
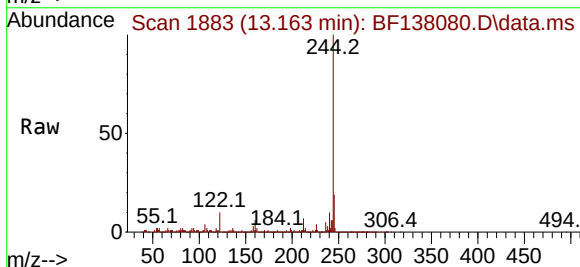
Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

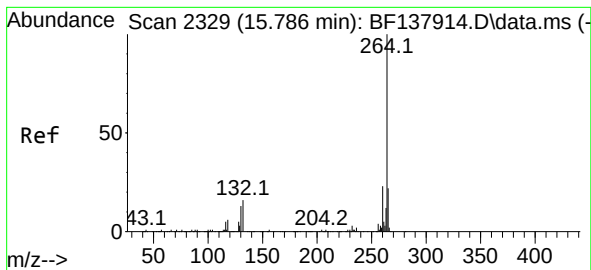
Tgt Ion:240 Resp: 199291
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 24.5 21.0 31.4



#79
Terphenyl-d14
Concen: 34.067 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Tgt Ion:244 Resp: 460663
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.0 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138080.D
Acq: 30 May 2024 17:21

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Tgt Ion:264 Resp: 156213

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	23.5	17.6	26.4

