

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138358.D
Acq On : 26 Jun 2024 18:29
Operator : CG\JU
Sample : P2915-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

Quant Time: Jun 27 01:13:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	206740	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	807941	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	426308	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	714615	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	425053	20.000	ng	-0.02
86) Perylene-d12	15.504	264	453845	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1494076	120.893	ng	0.00
7) Phenol-d6	6.510	99	1882921	120.151	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1168643	84.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	566898	133.577	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	2170939	80.977	ng	-0.02
79) Terphenyl-d14	12.986	244	2192919	81.712	ng	-0.01

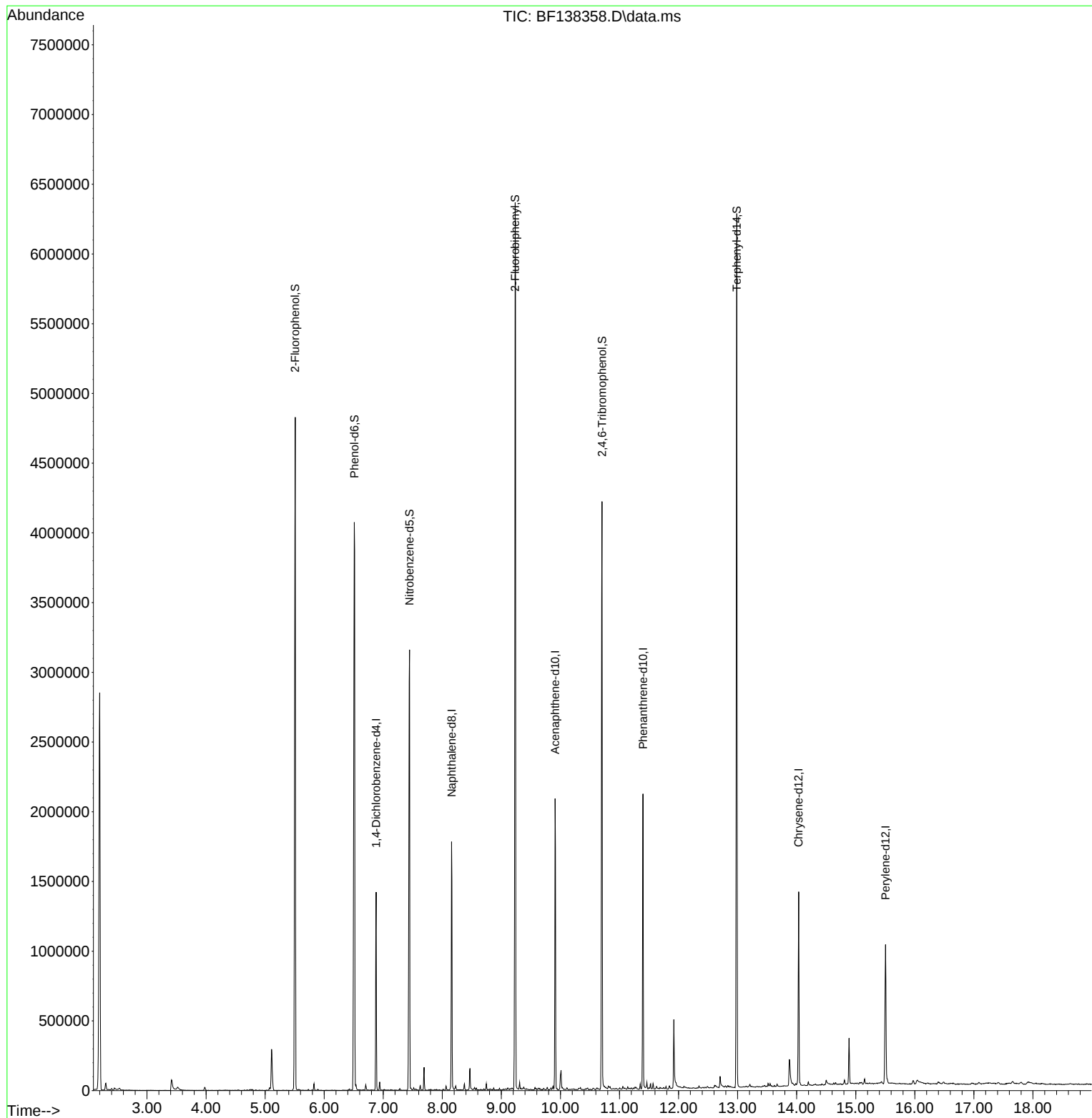
Target Compounds	Qvalue

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

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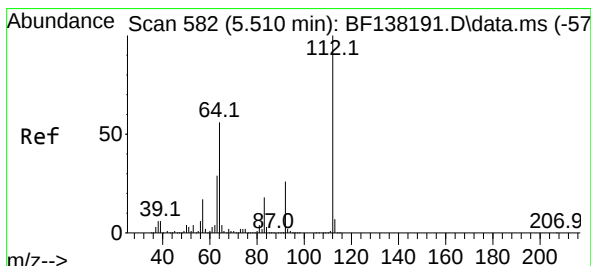
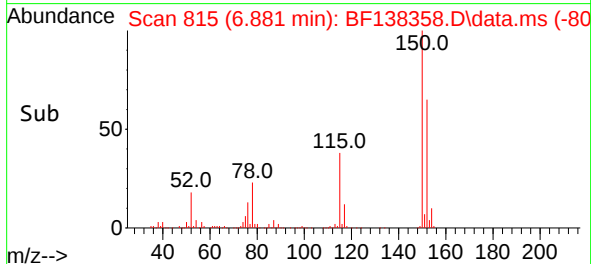
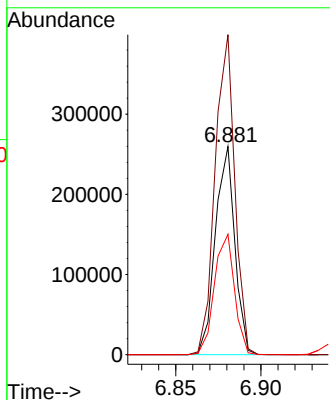
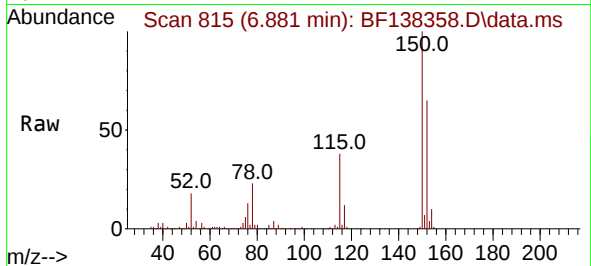




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138358.D
 Acq: 26 Jun 2024 18:29

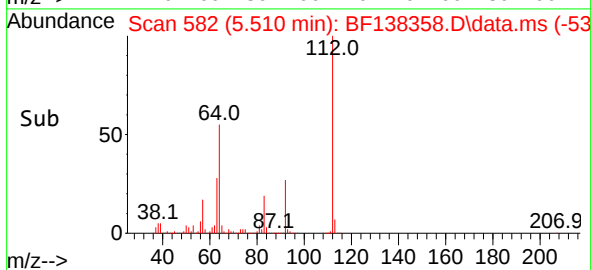
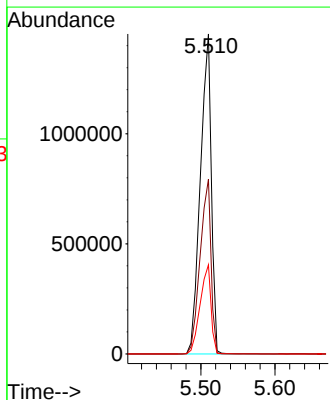
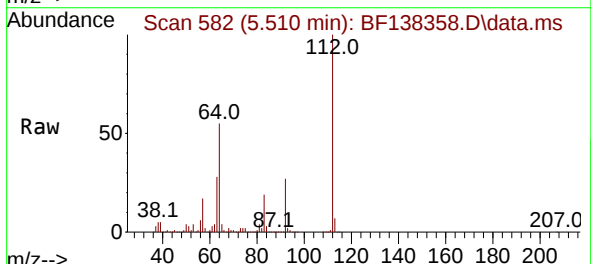
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Tgt Ion:152 Resp: 206740
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.0 187.4
 115 57.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 120.893 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF138358.D
 Acq: 26 Jun 2024 18:29

Tgt Ion:112 Resp: 1494076
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.2 67.8
 63 27.9 22.9 34.3

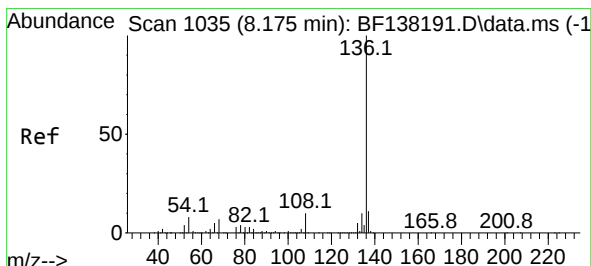
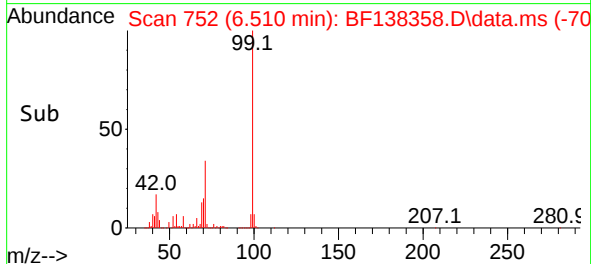
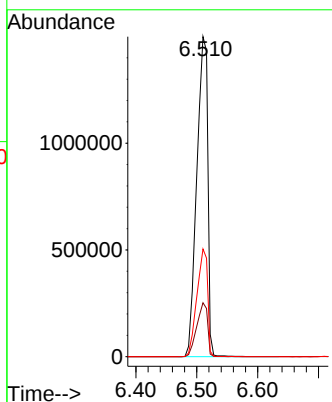
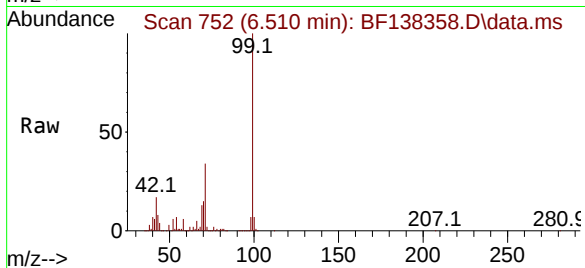




#7
Phenol-d6
Concen: 120.151 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

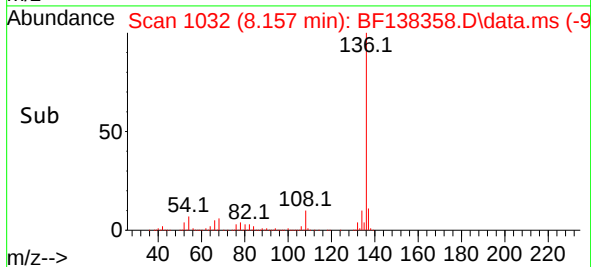
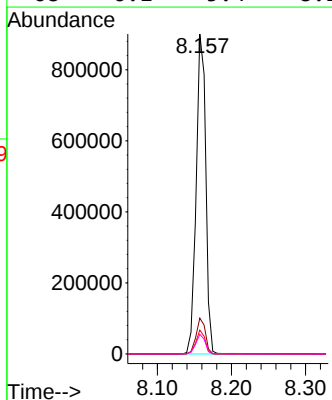
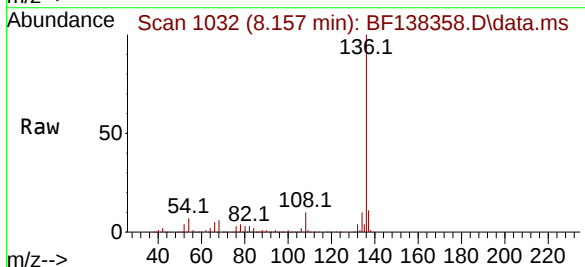
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

Tgt Ion: 99 Resp: 1882921
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 33.7 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion: 136 Resp: 807941
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 6.6 10.0
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.207 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Instrument :

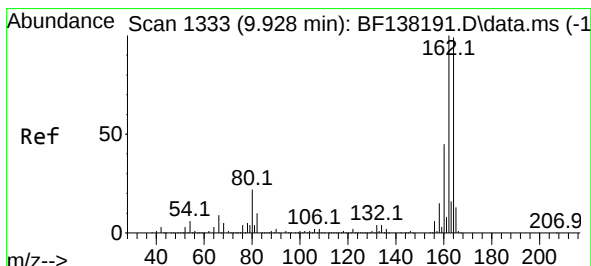
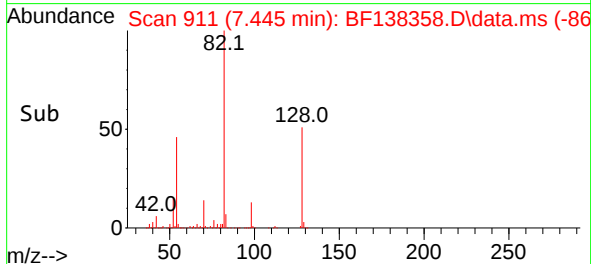
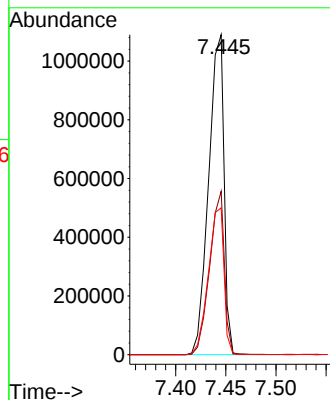
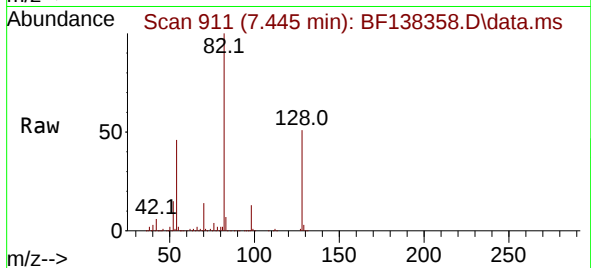
BNA_F

ClientSampleId :

WC-SOUTH-1

Tgt Ion: 82 Resp: 1168643

Ion	Ratio	Lower	Upper
82	100		
128	51.1	37.2	55.8
54	45.9	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

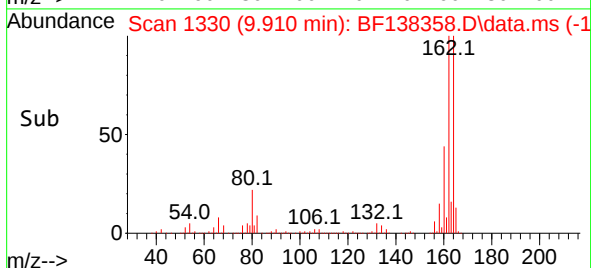
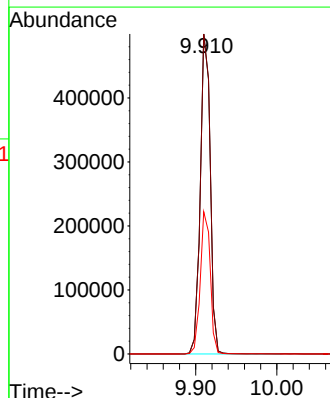
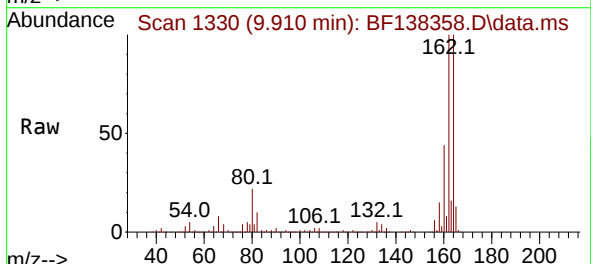
Delta R.T. -0.018 min

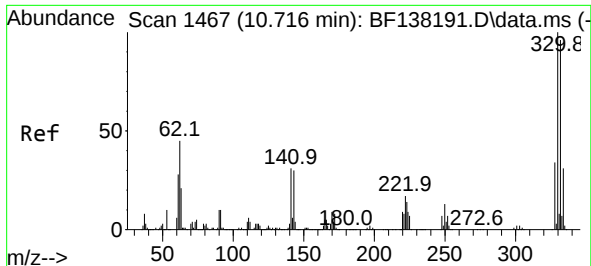
Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Tgt Ion: 164 Resp: 426308

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 133.577 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-SOUTH-1

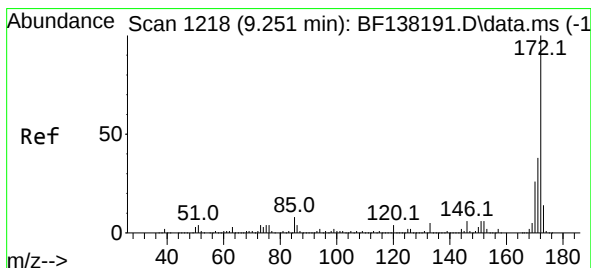
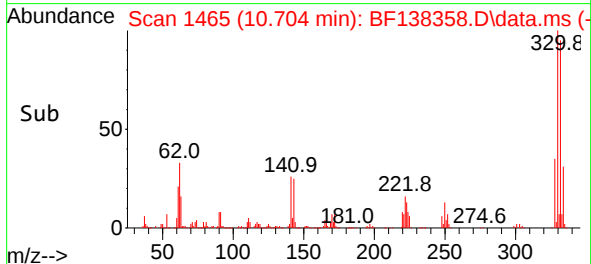
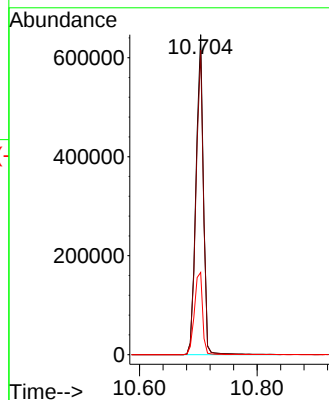
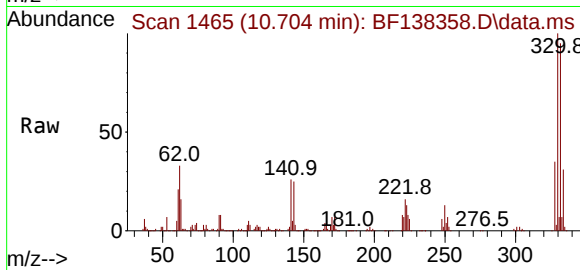
Tgt Ion:330 Resp: 566898

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 28.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.977 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

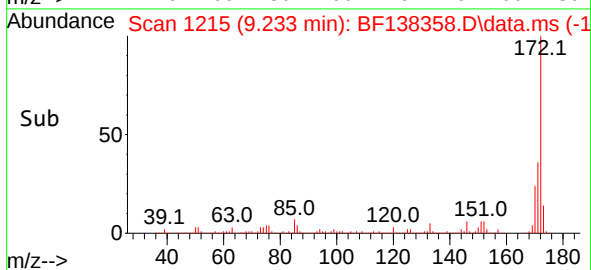
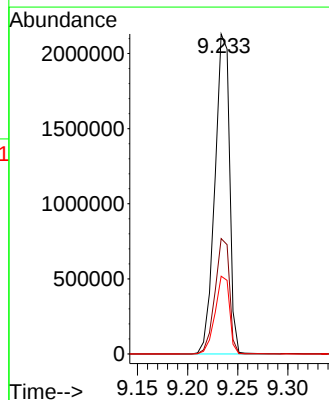
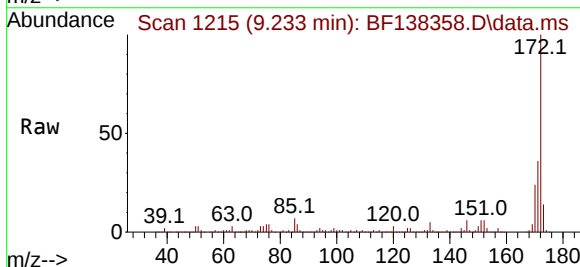
Tgt Ion:172 Resp: 2170939

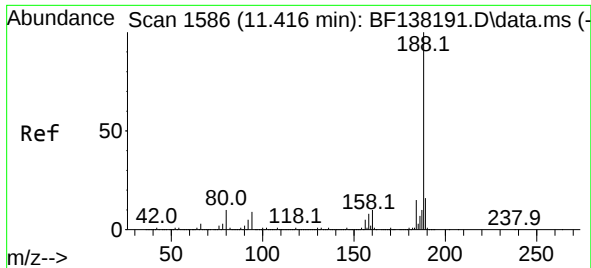
Ion Ratio Lower Upper

172 100

171 36.1 30.3 45.5

170 24.3 20.6 30.8

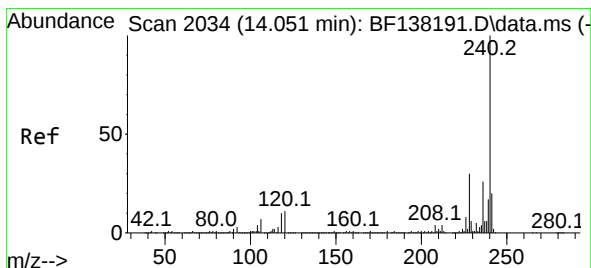
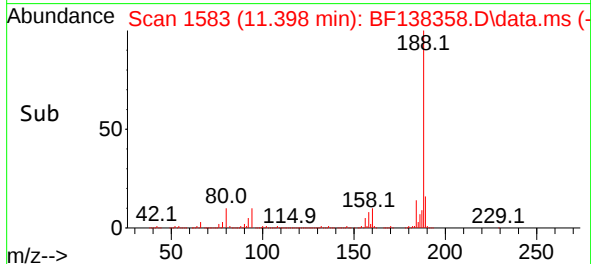
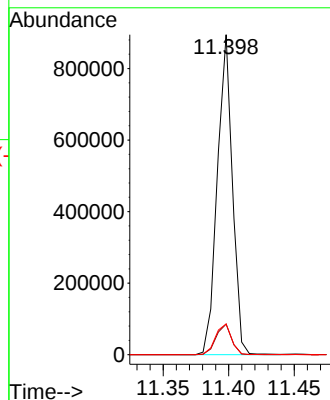
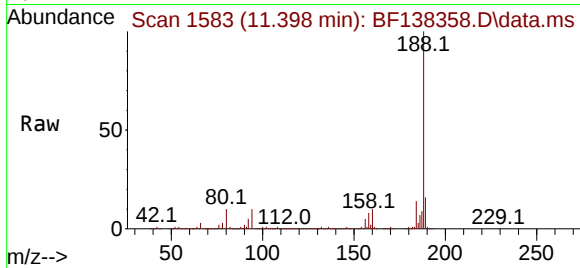




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

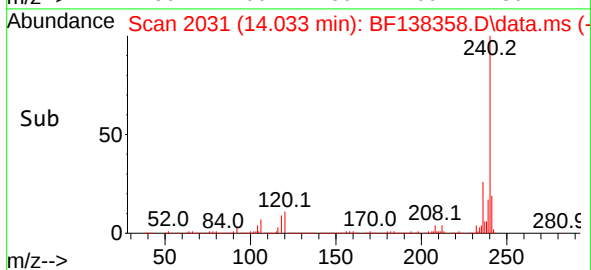
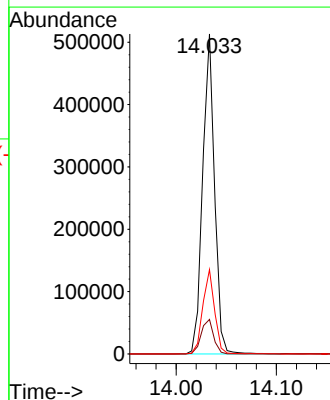
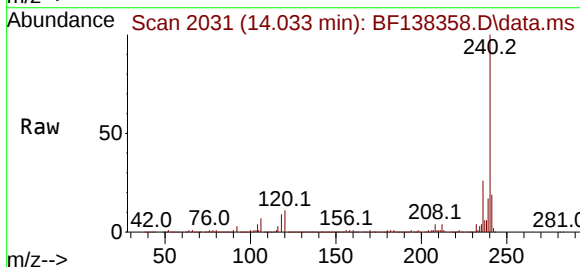
Instrument :
BNA_F
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WC-SOUTH-1

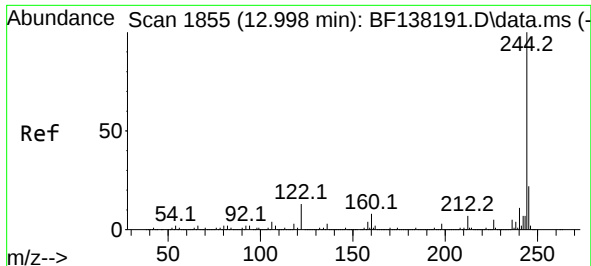
Tgt Ion:188 Resp: 714615
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:240 Resp: 425053
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.4 21.0 31.6

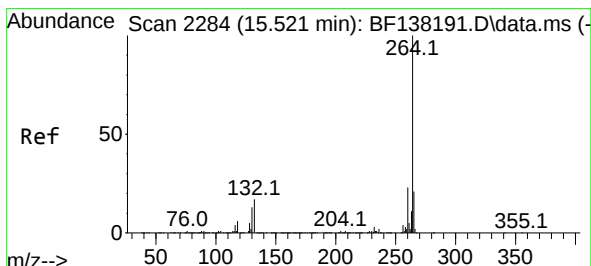
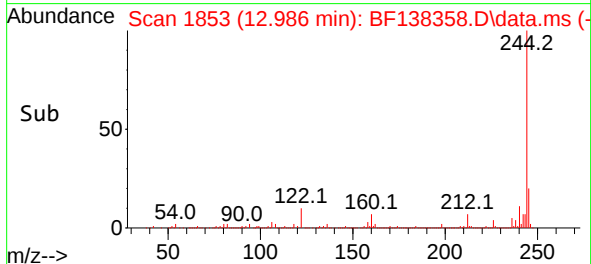
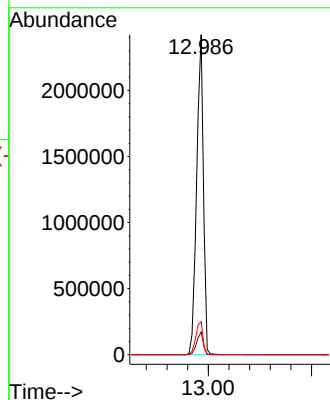
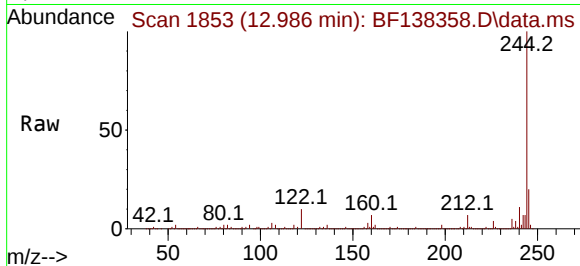




#79
 Terphenyl-d14
 Concen: 81.712 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138358.D
 Acq: 26 Jun 2024 18:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Tgt Ion:244 Resp: 2192919
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.3 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138358.D
 Acq: 26 Jun 2024 18:29

Tgt Ion:264 Resp: 453845
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.8 17.0 25.6

