

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138205.D
 Acq On : 17 Jun 2024 15:33
 Operator : CG\JU
 Sample : P2864-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-H

Quant Time: Jun 17 16:02:19 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	6.892	152	416413	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1636123	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	928716	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1676277	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1102876	20.000	ng	0.00
86) Perylene-d12	15.521	264	930456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2924671	117.491	ng	0.02
7) Phenol-d6	6.522	99	3420322	108.358	ng	0.00
23) Nitrobenzene-d5	7.457	82	2378102	84.617	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1183299	127.985	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4243314	72.654	ng	0.00
79) Terphenyl-d14	13.004	244	5121083	73.543	ng	0.00

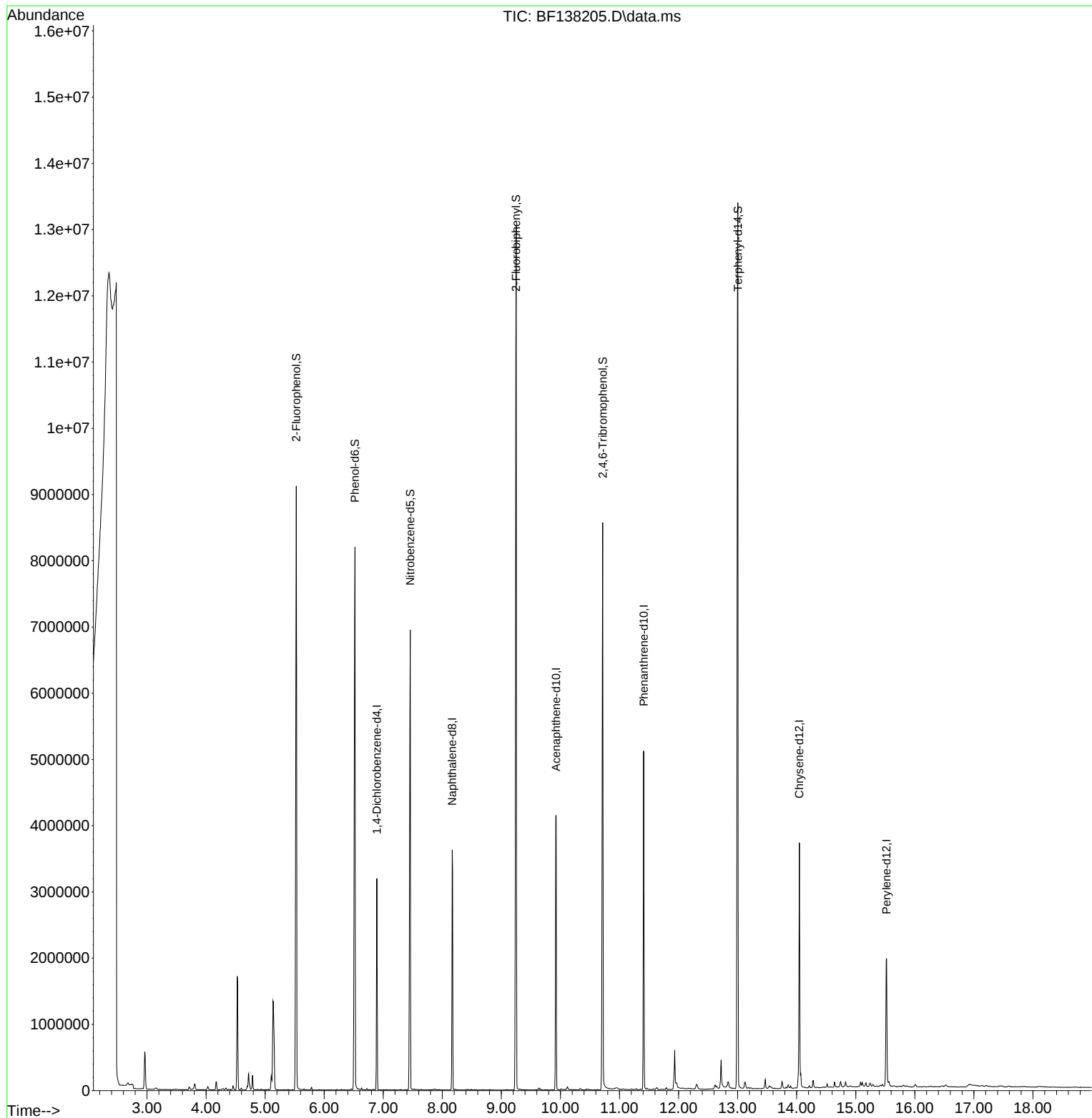
Target Compounds	Qvalue

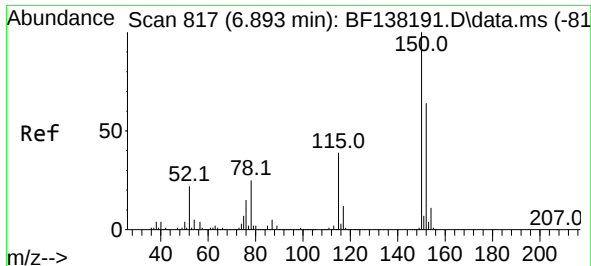
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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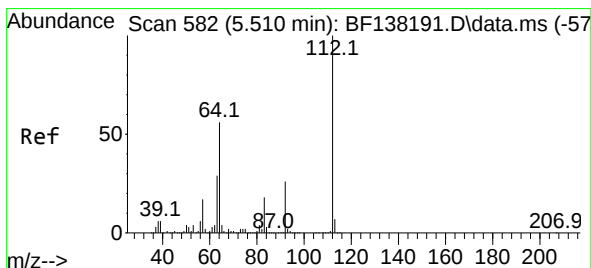
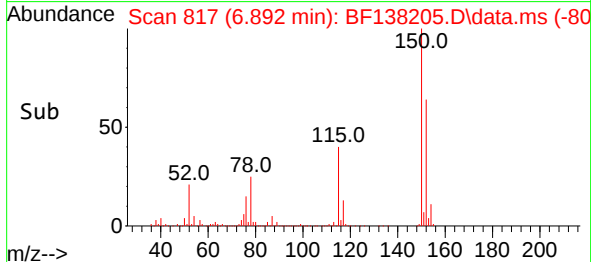
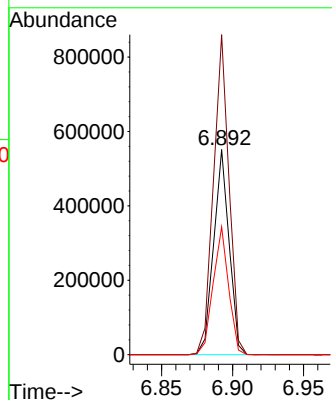
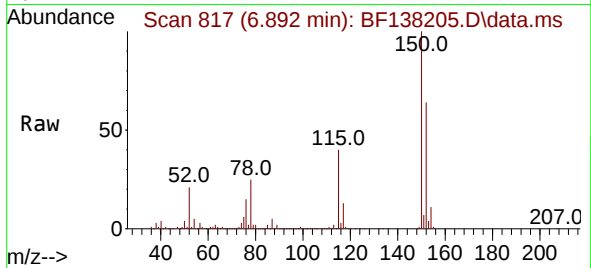




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138205.D
 Acq: 17 Jun 2024 15:33

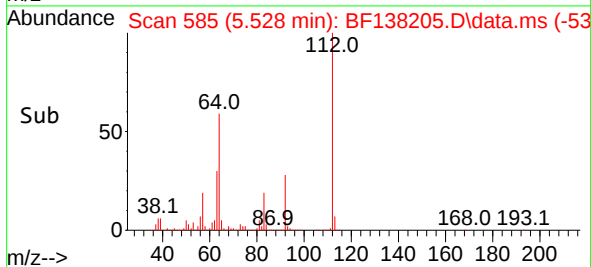
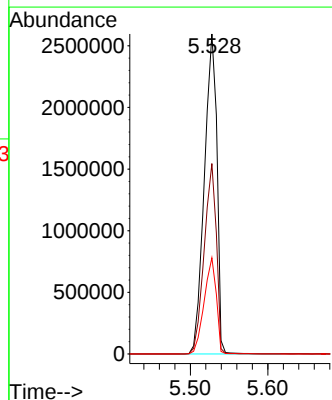
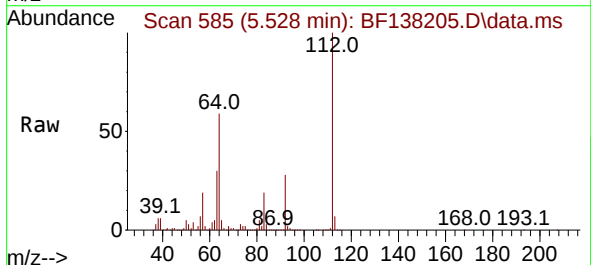
Instrument :
 BNA_F
 ClientSampleId :
 WC-H

Tgt Ion:152 Resp: 416413
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 62.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 117.491 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.017 min
 Lab File: BF138205.D
 Acq: 17 Jun 2024 15:33

Tgt Ion:112 Resp: 2924671
 Ion Ratio Lower Upper
 112 100
 64 59.5 45.2 67.8
 63 30.1 22.9 34.3



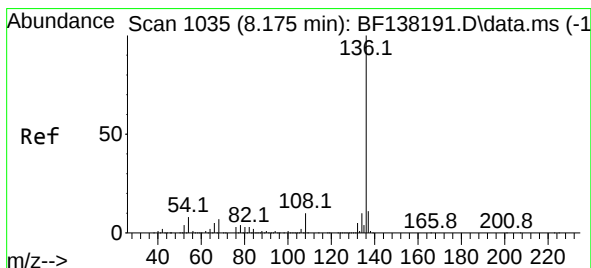
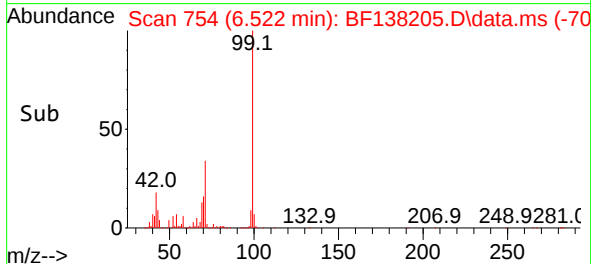
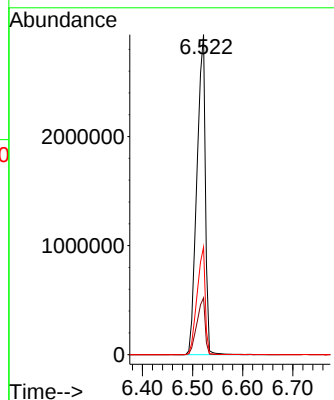
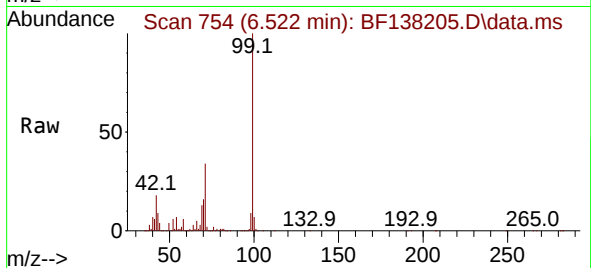


#7
Phenol-d6
Concen: 108.358 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Instrument :
BNA_F
ClientSampleId :
WC-H

Tgt Ion: 99 Resp: 3420322

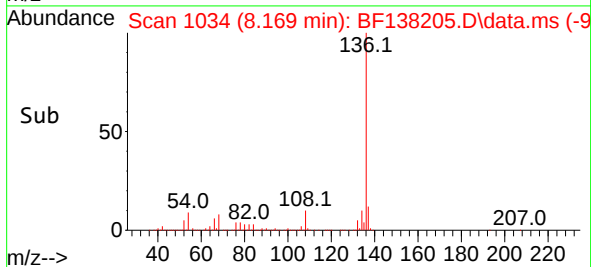
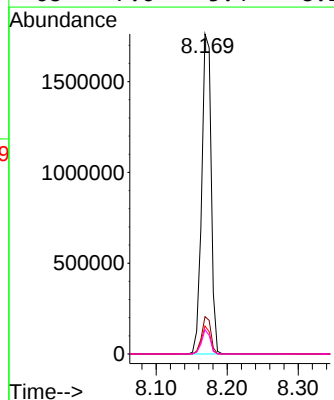
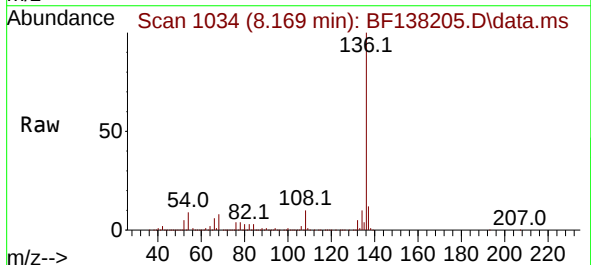
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	33.6	25.0	37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion: 136 Resp: 1636123

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	6.6	10.0
68	7.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 84.617 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

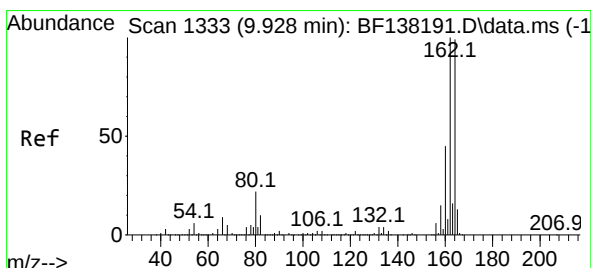
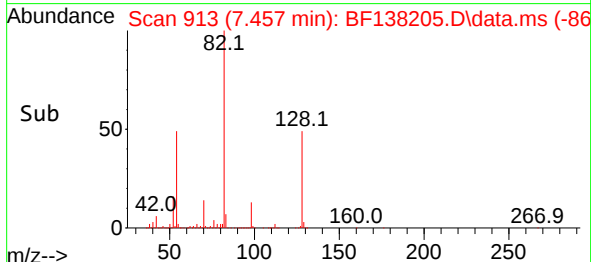
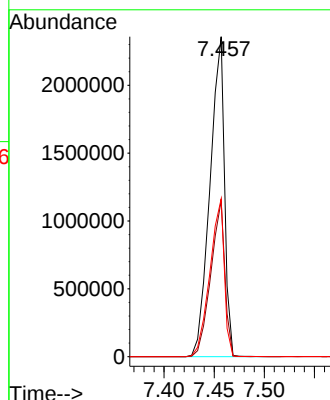
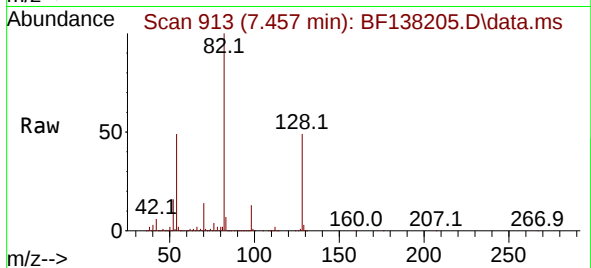
BNA_F

ClientSampleId :

WC-H

Tgt Ion: 82 Resp: 2378102

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.2	55.8
54	49.3	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

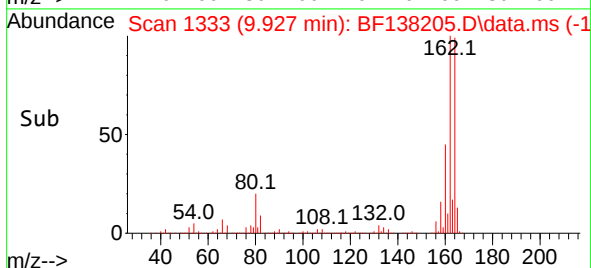
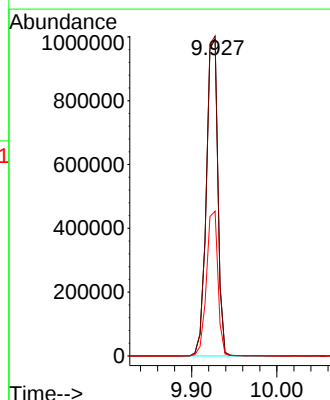
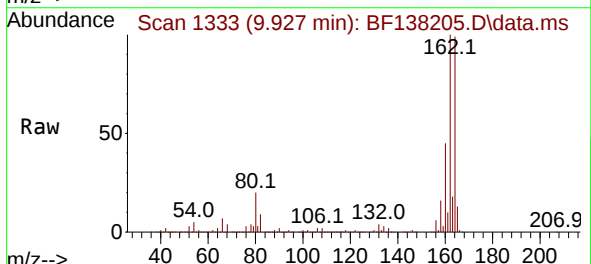
Delta R.T. -0.000 min

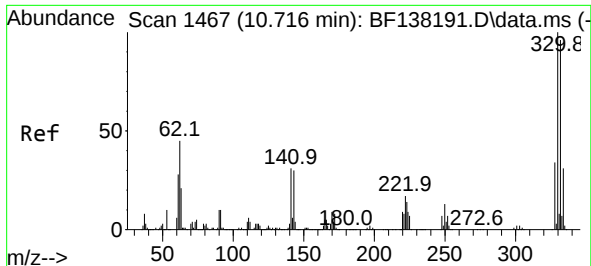
Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Tgt Ion: 164 Resp: 928716

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	121.0
160	45.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 127.985 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

BNA_F

ClientSampleId :

WC-H

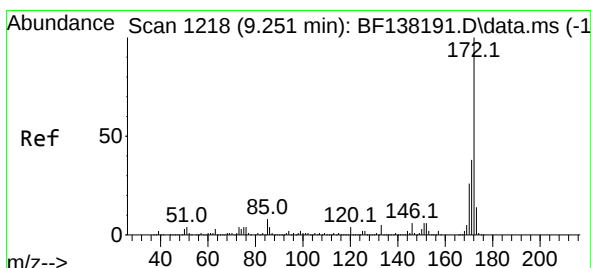
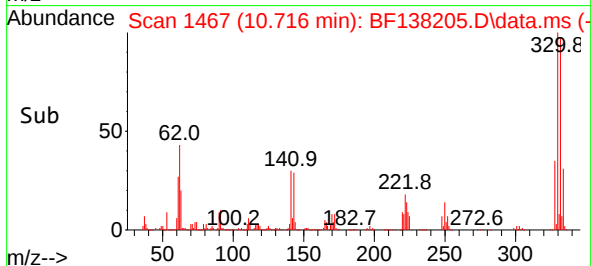
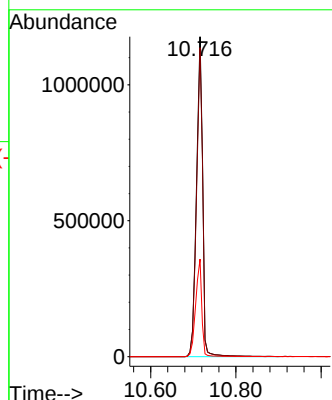
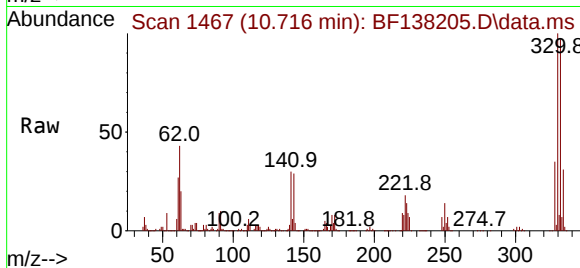
Tgt Ion:330 Resp: 1183299

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 30.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.654 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

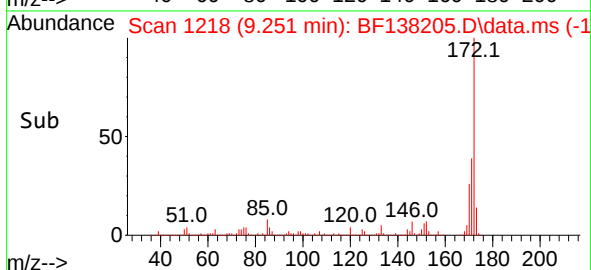
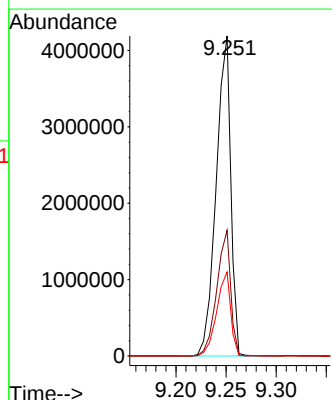
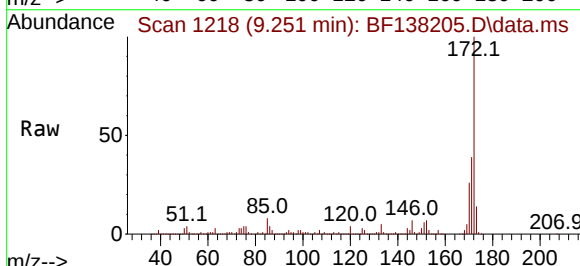
Tgt Ion:172 Resp: 4243314

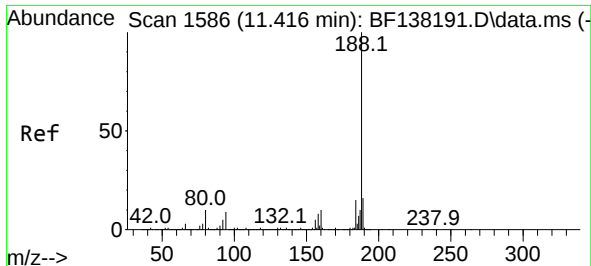
Ion Ratio Lower Upper

172 100

171 39.2 30.3 45.5

170 26.3 20.6 30.8

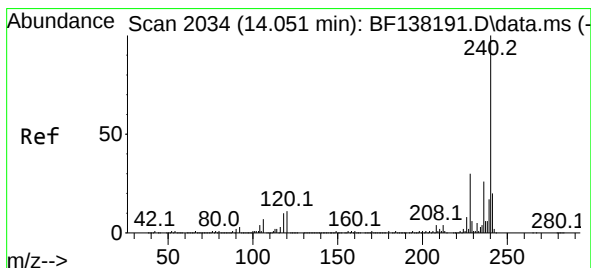
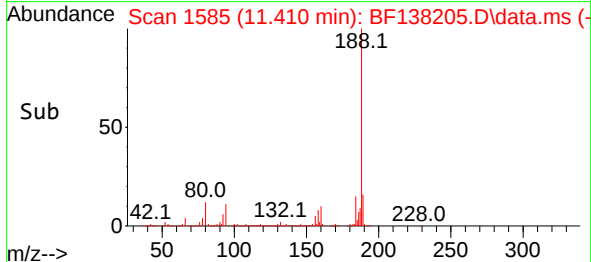
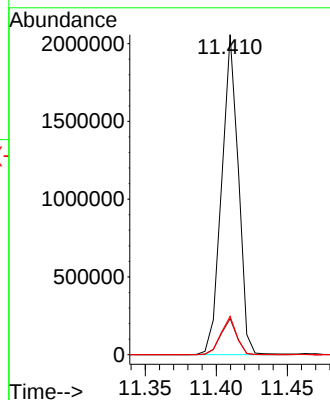
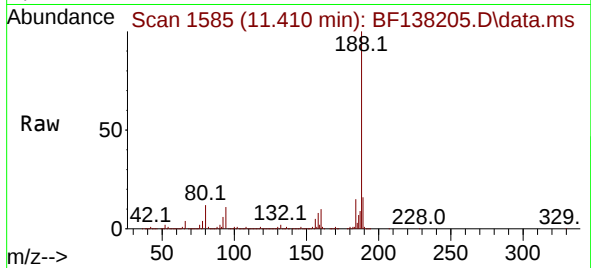




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

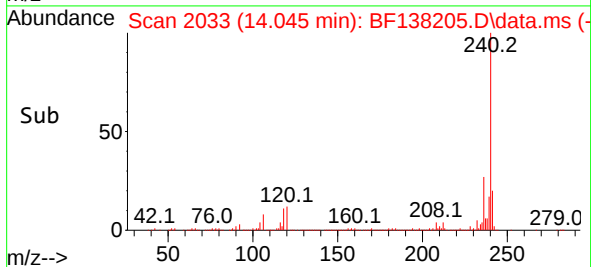
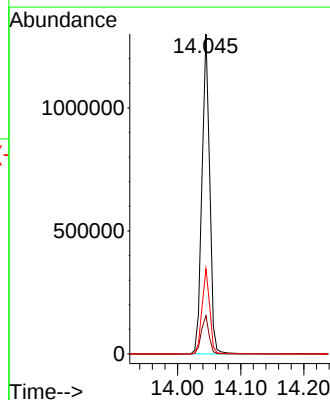
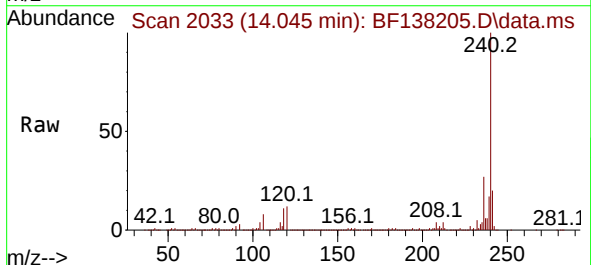
Instrument :
BNA_F
ClientSampleId :
WC-H

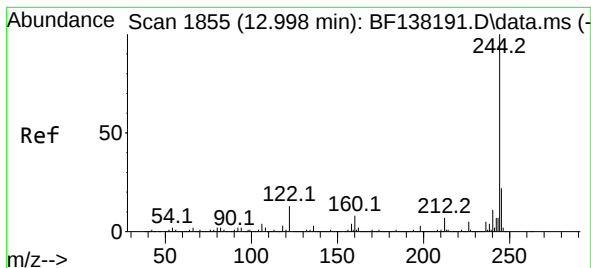
Tgt Ion:188 Resp: 1676277
Ion Ratio Lower Upper
188 100
94 11.3 7.6 11.4
80 12.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:240 Resp: 1102876
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 73.543 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

BNA_F

ClientSampleId :

WC-H

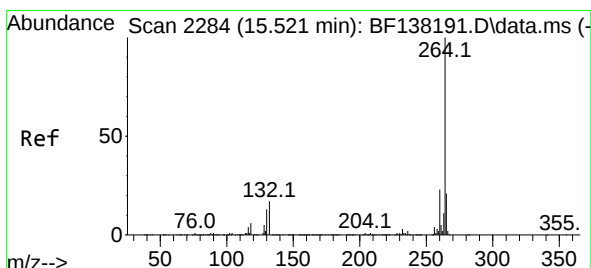
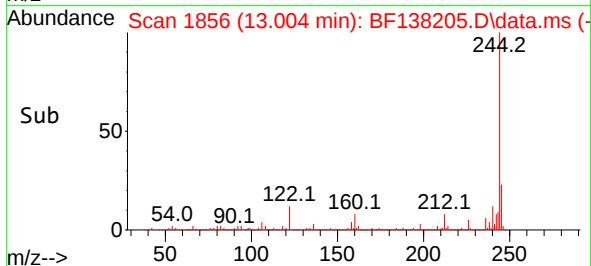
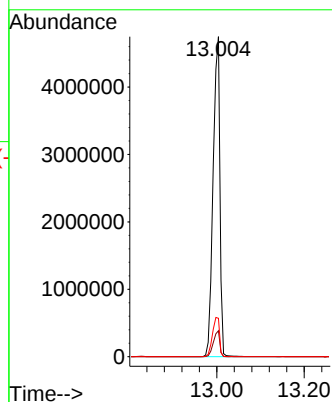
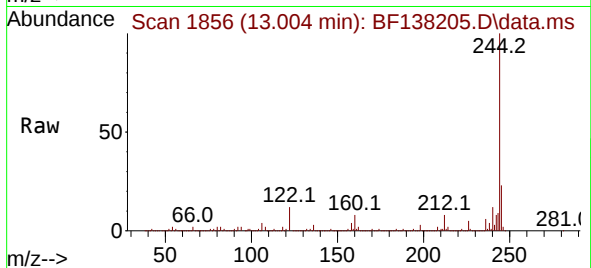
Tgt Ion:244 Resp: 5121083

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

122 12.0 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Tgt Ion:264 Resp: 930456

Ion Ratio Lower Upper

264 100

260 25.2 18.7 28.1

265 21.9 17.0 25.6

