

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
Data File : BF138178.D
Acq On : 10 Jun 2024 18:08
Operator : CG\JU
Sample : P2795-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

Quant Time: Jun 10 18:41:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	406910	20.000	ng	-0.02
21) Naphthalene-d8	8.175	136	1558151	20.000	ng	-0.02
39) Acenaphthene-d10	9.934	164	851306	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1411157	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	822689	20.000	ng	-0.02
86) Perylene-d12	15.527	264	796860	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1857847	77.811	ng	-0.01
7) Phenol-d6	6.516	99	2375128	78.623	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1302098	56.857	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	556345	67.907	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	2663811	54.713	ng	-0.02
79) Terphenyl-d14	13.004	244	2384074	43.345	ng	-0.02

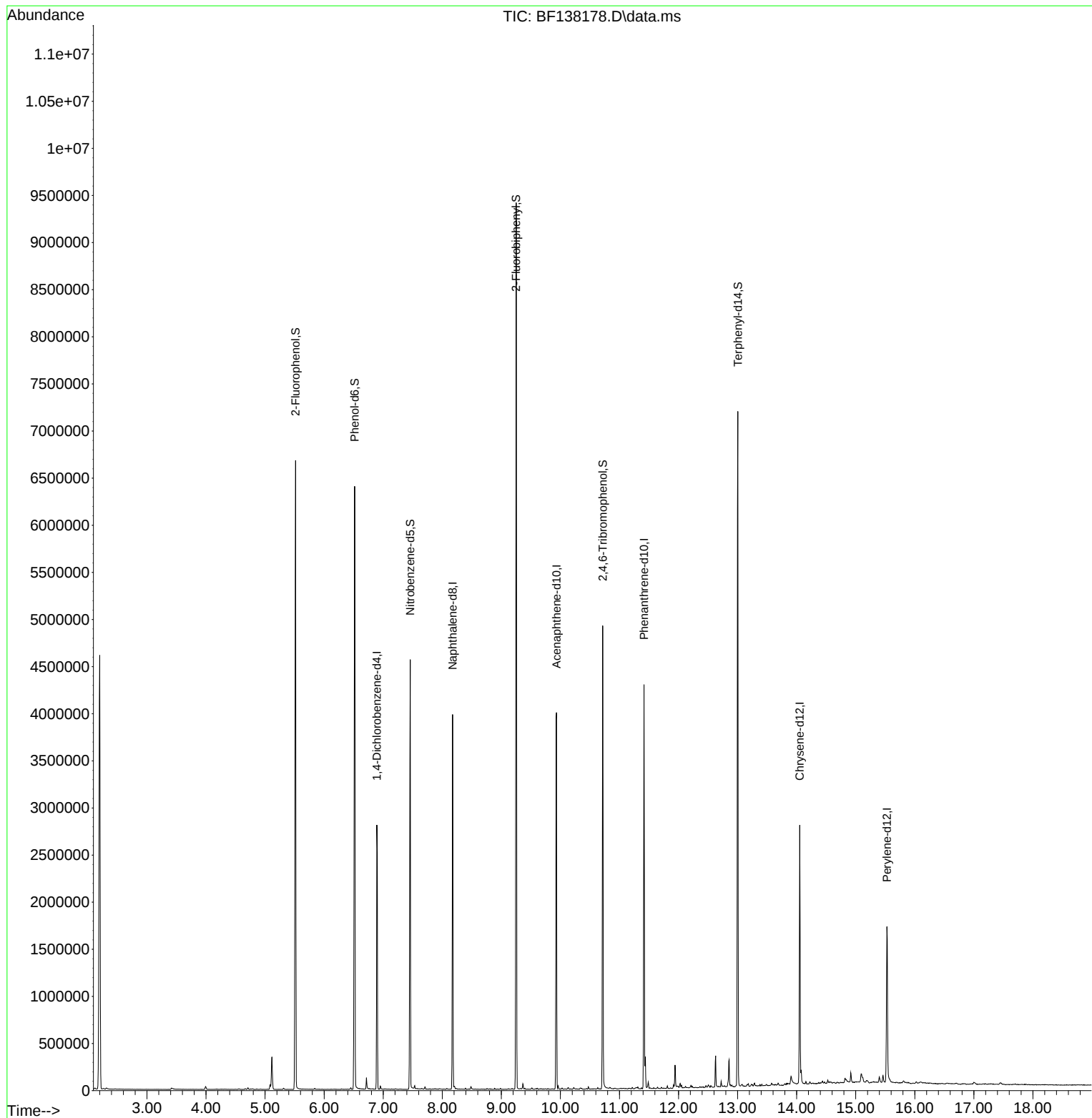
Target Compounds	Qvalue

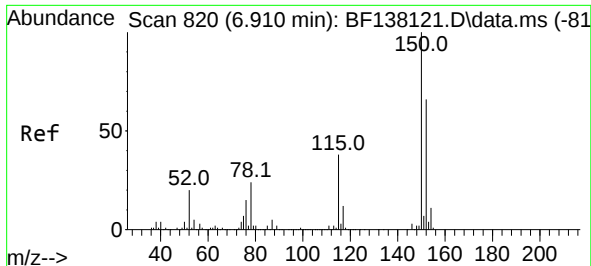
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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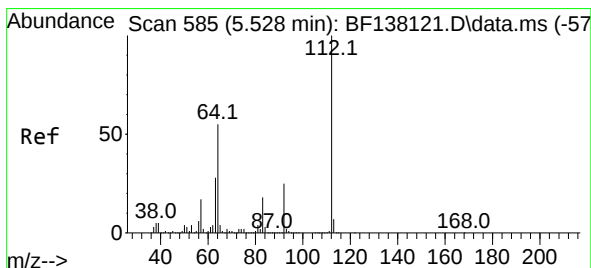
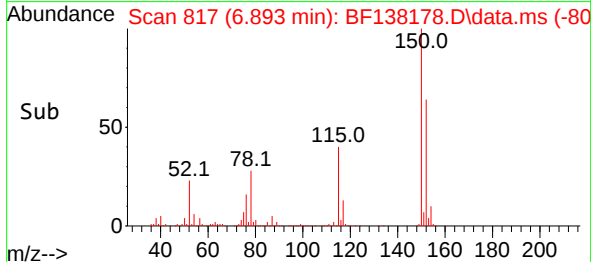
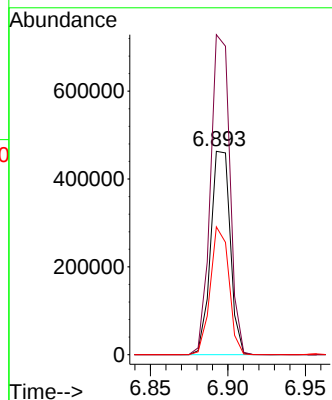
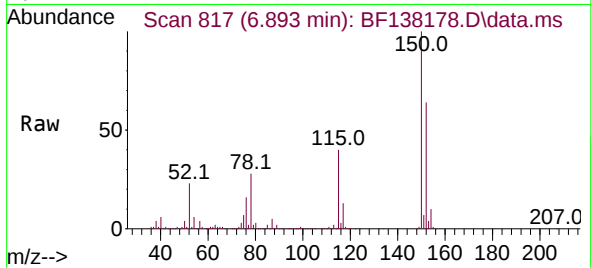




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

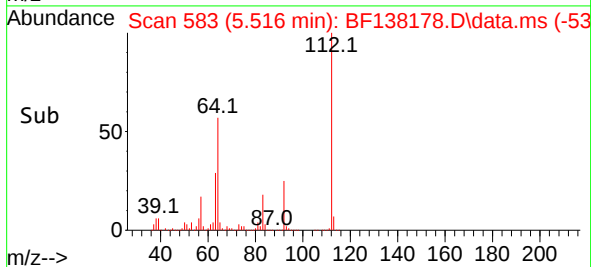
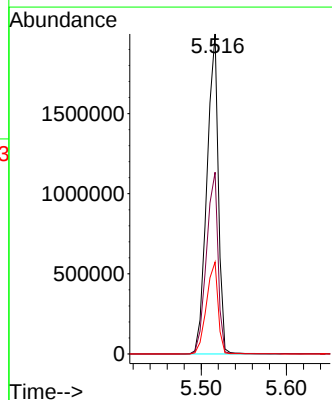
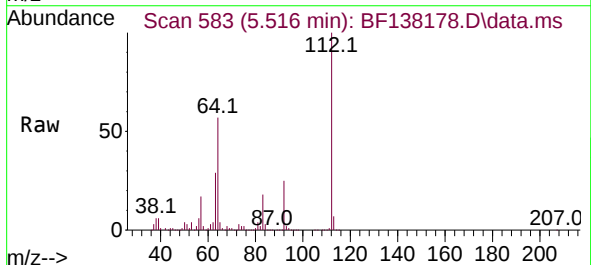
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

Tgt Ion:152 Resp: 406910
Ion Ratio Lower Upper
152 100
150 157.3 121.8 182.6
115 62.9 46.2 69.2



#5
2-Fluorophenol
Concen: 77.811 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:112 Resp: 1857847
Ion Ratio Lower Upper
112 100
64 56.8 44.0 66.0
63 28.7 22.1 33.1



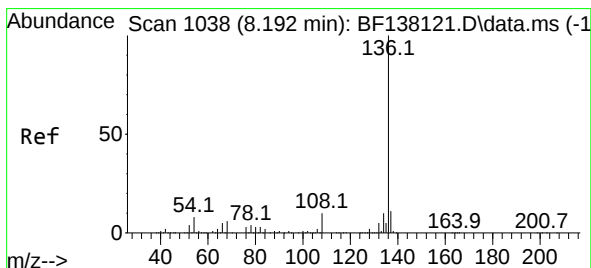
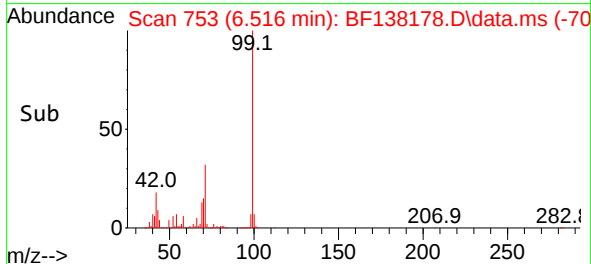
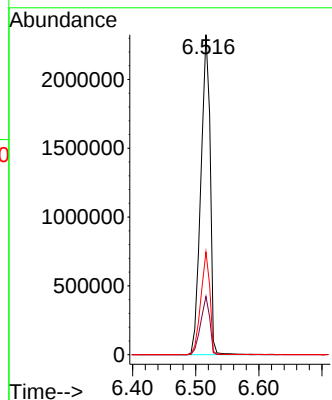
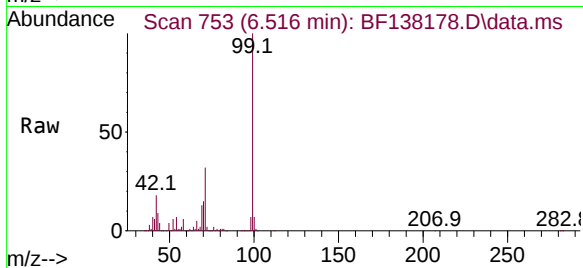


#7
Phenol-d6
Concen: 78.623 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

Tgt Ion: 99 Resp: 2375128

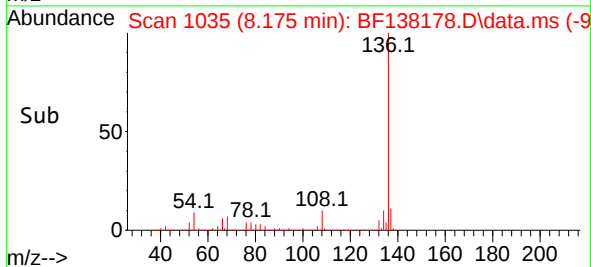
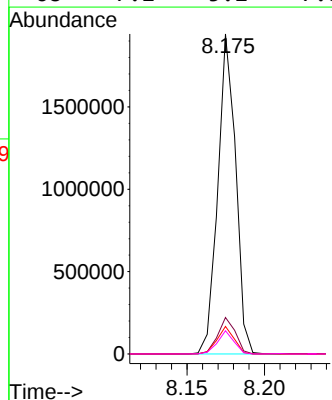
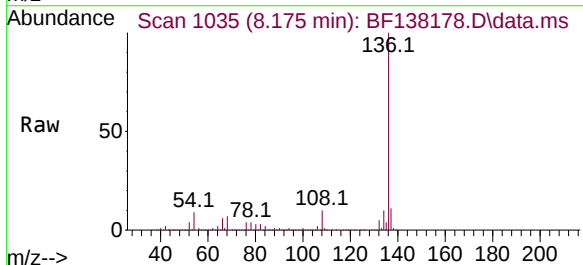
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.4	21.6
71	32.1	25.5	38.3

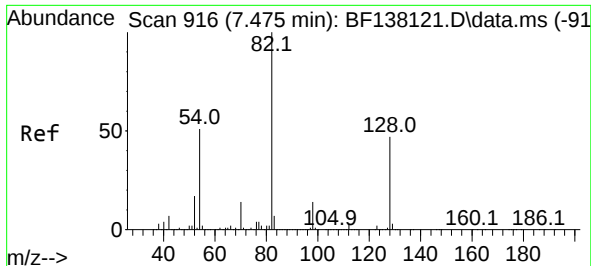


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion: 136 Resp: 1558151

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.6	6.2	9.2
68	7.2	5.2	7.8

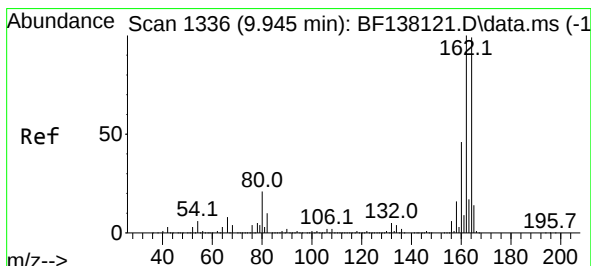
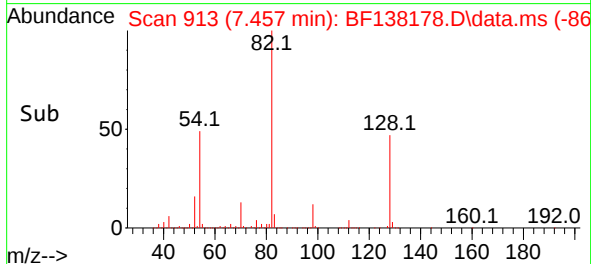
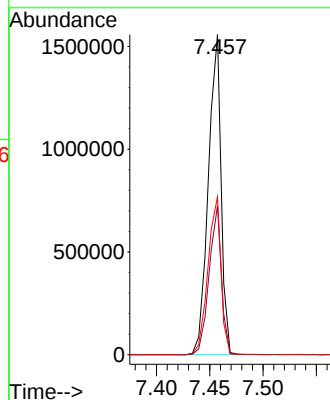
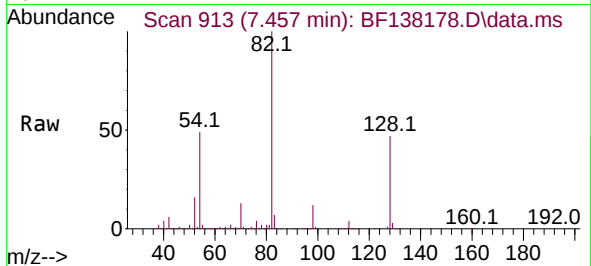




#23
Nitrobenzene-d5
Concen: 56.857 ng
RT: 7.457 min Scan# 916
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

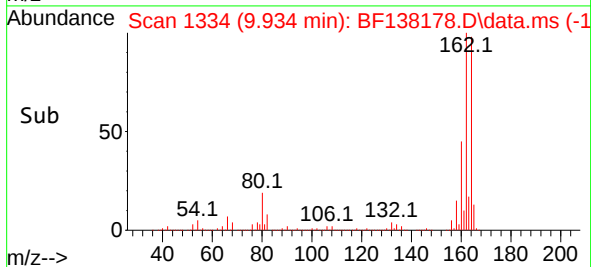
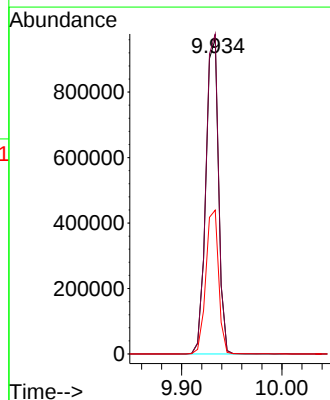
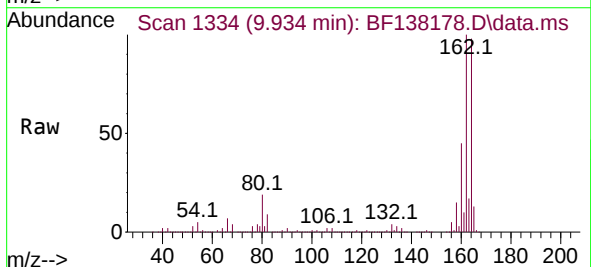
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

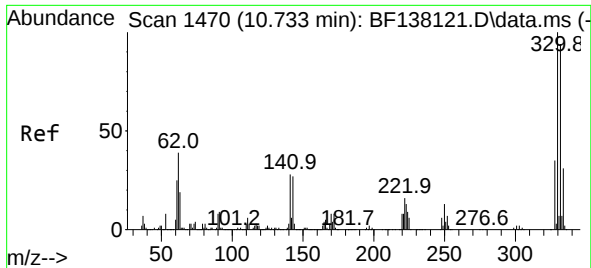
Tgt Ion: 82 Resp: 1302098
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 49.3 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion: 164 Resp: 851306
Ion Ratio Lower Upper
164 100
162 101.6 80.9 121.3
160 45.6 37.0 55.6

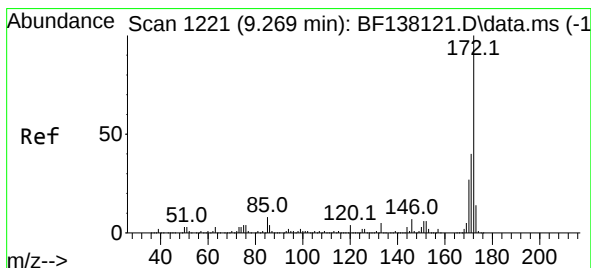
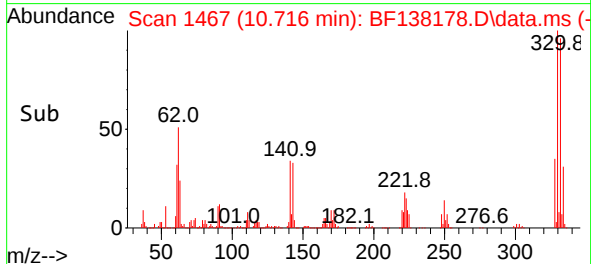
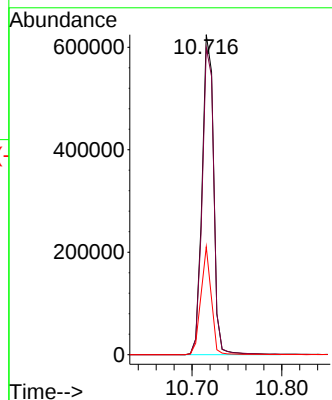
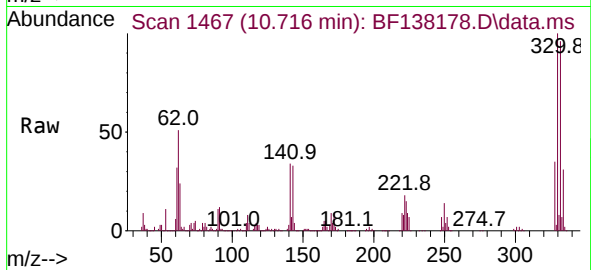




#42
2,4,6-Tribromophenol
Concen: 67.907 ng
RT: 10.716 min Scan# 1470
Delta R.T. -0.017 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

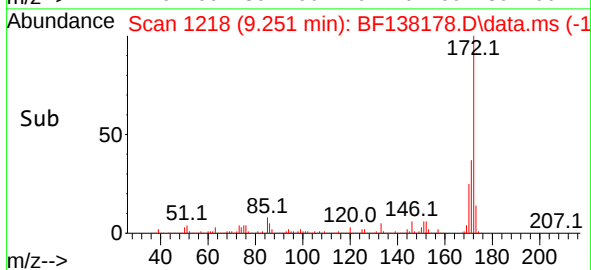
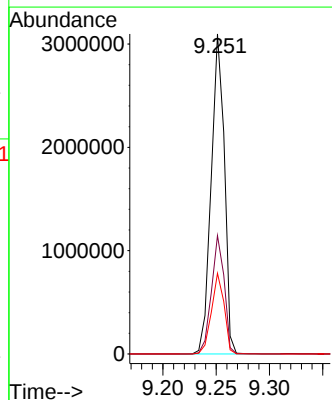
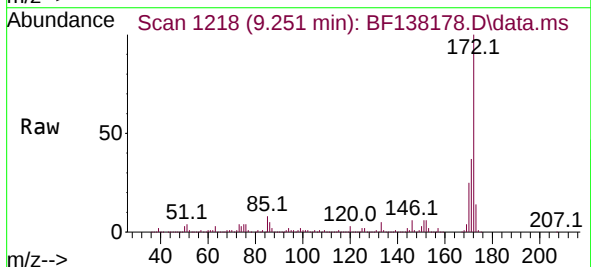
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

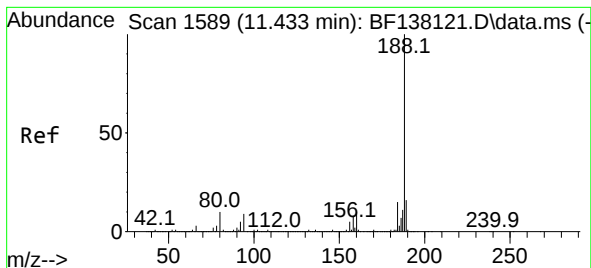
Tgt Ion:330 Resp: 556345
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 30.6 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 54.713 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:172 Resp: 2663811
Ion Ratio Lower Upper
172 100
171 37.0 31.6 47.4
170 25.2 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2-(5-10)-COMP

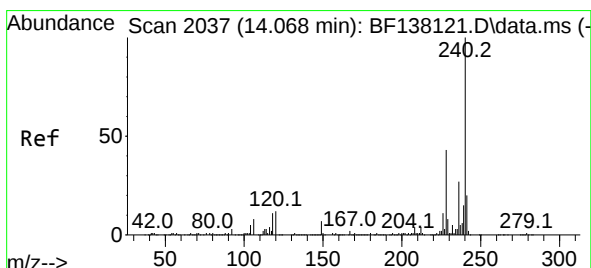
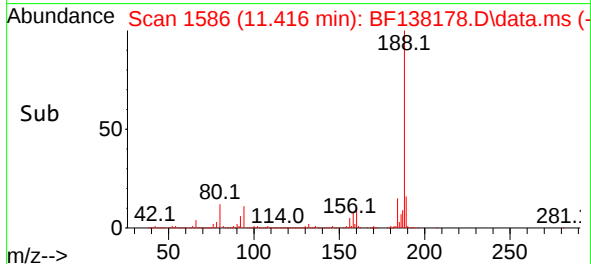
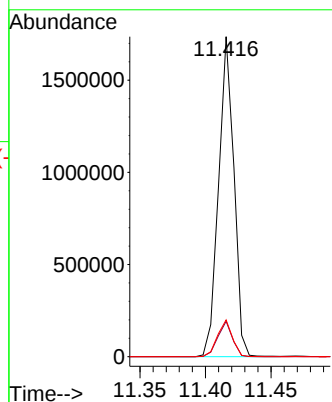
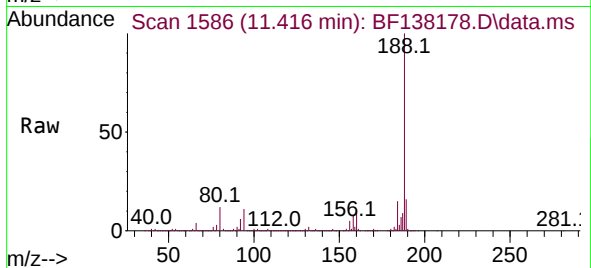
Tgt Ion:188 Resp: 1411157

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 11.5 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.017 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

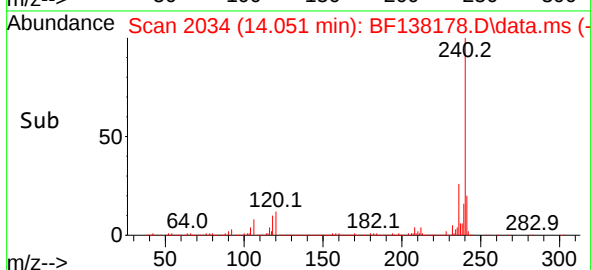
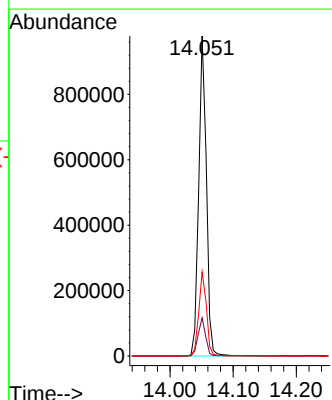
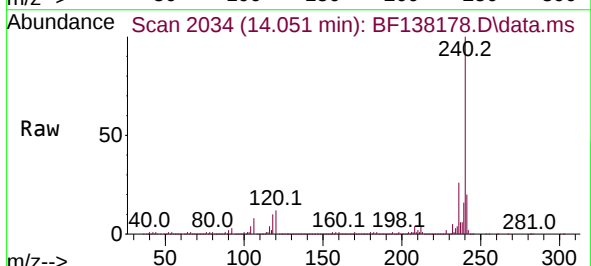
Tgt Ion:240 Resp: 822689

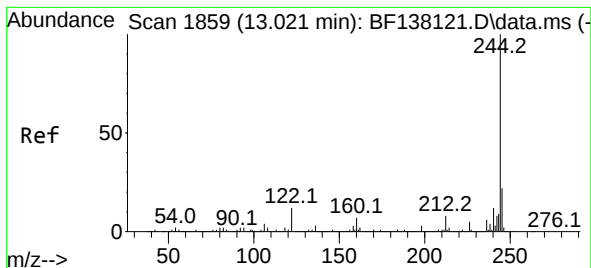
Ion Ratio Lower Upper

240 100

120 11.9 9.8 14.8

236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 43.345 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2-(5-10)-COMP

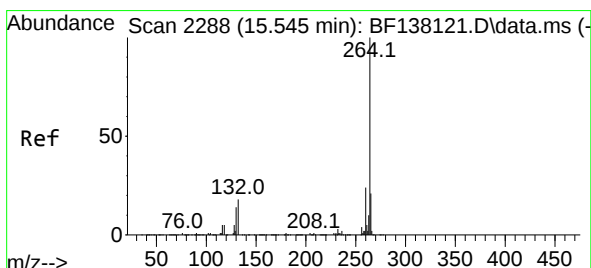
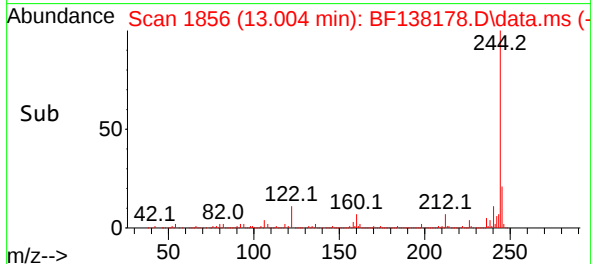
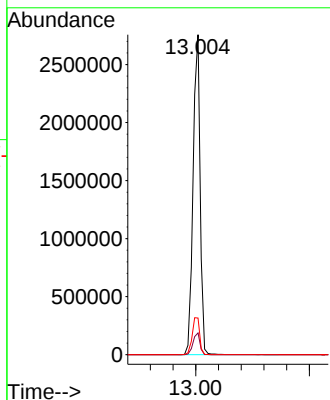
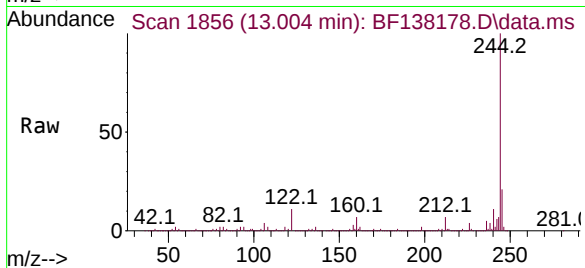
Tgt Ion:244 Resp: 2384074

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

122 11.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Tgt Ion:264 Resp: 796860

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.1 25.7

