

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138208.D
 Acq On : 17 Jun 2024 17:01
 Operator : CG\JU
 Sample : P2864-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-I

Quant Time: Jun 17 17:26:22 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)

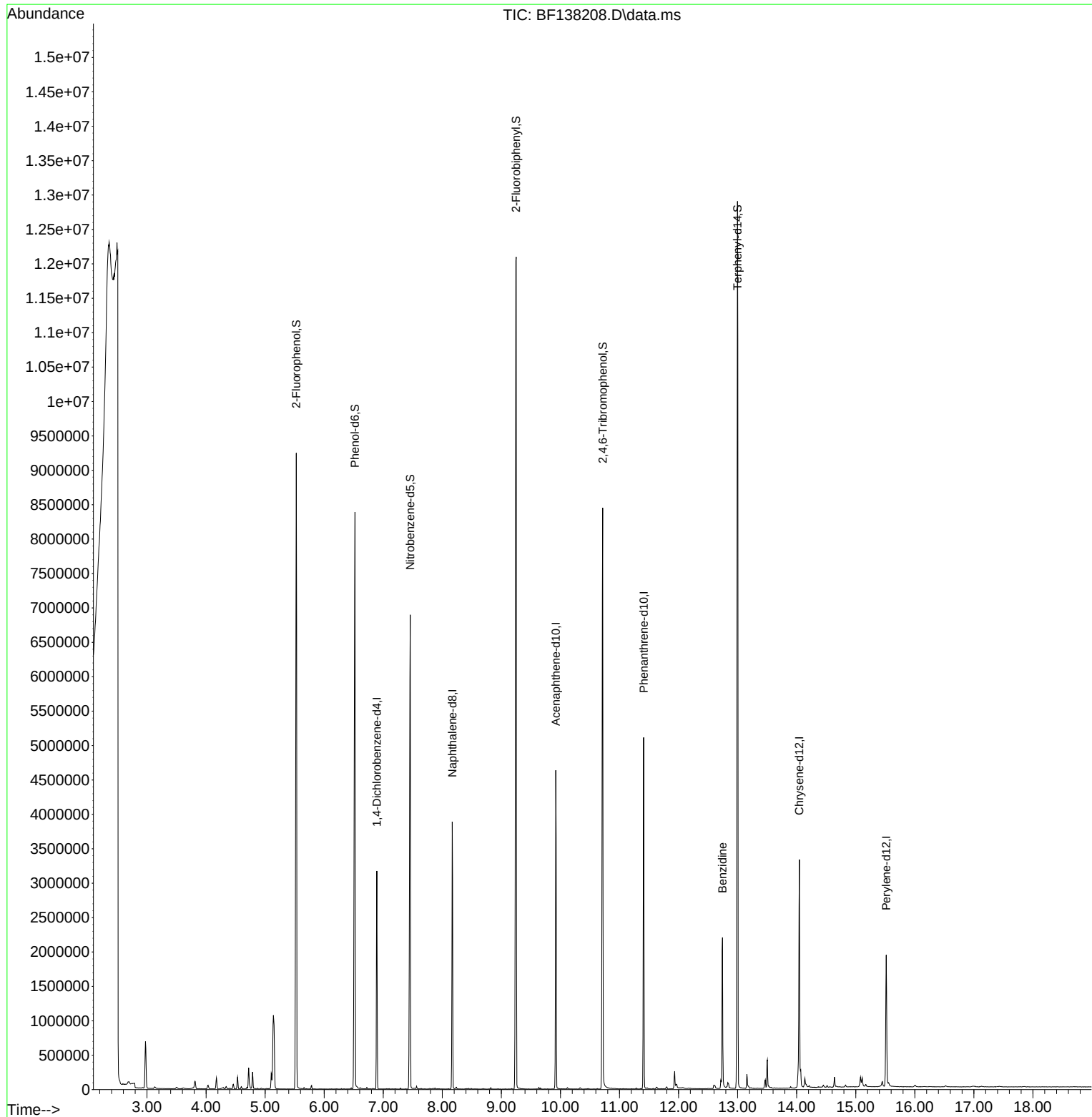
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	428726	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1676948	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	938428	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1668377	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1027224	20.000	ng	0.00
86) Perylene-d12	15.515	264	870515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3026246	118.080	ng	0.02
7) Phenol-d6	6.522	99	3492736	107.474	ng	0.00
23) Nitrobenzene-d5	7.457	82	2485570	86.288	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1185756	126.924	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4366446	73.989	ng	0.00
79) Terphenyl-d14	12.998	244	4990928	76.953	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	839695	70.672	ng	Qvalue 99

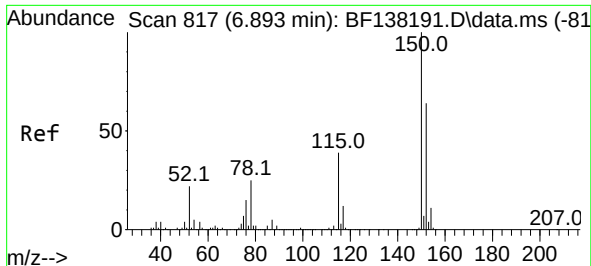
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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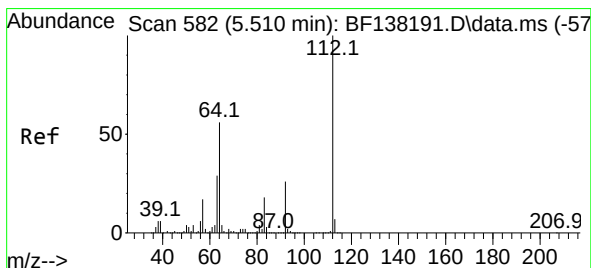
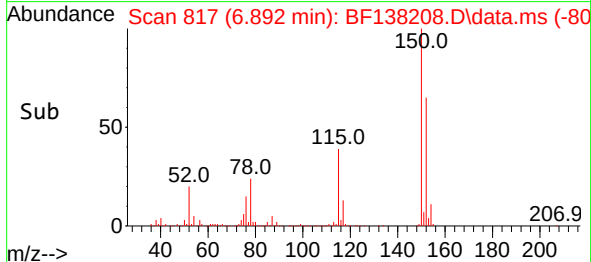
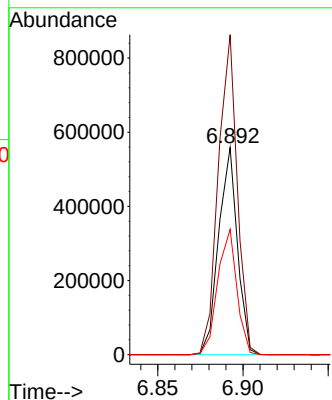
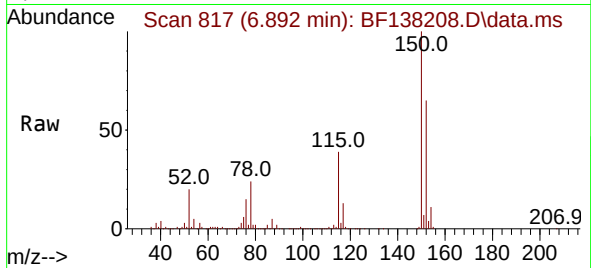




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

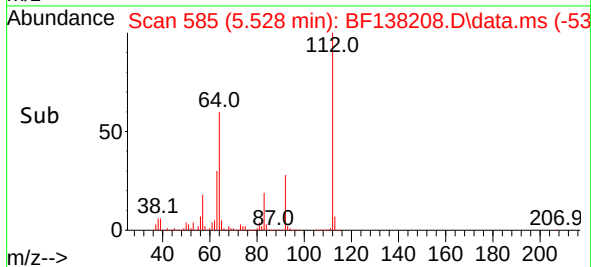
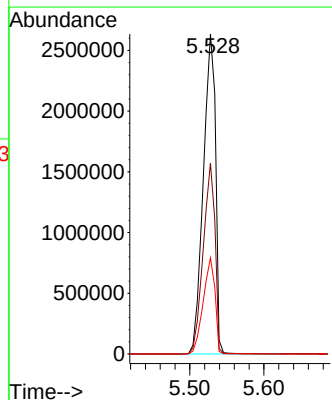
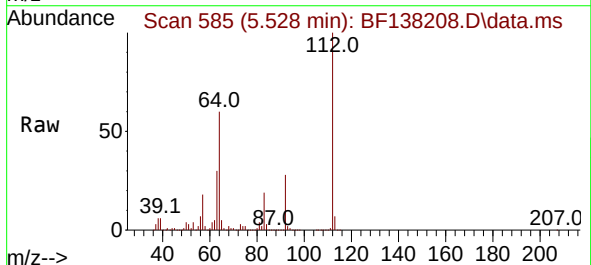
Instrument :
BNA_F
ClientSampleId :
WC-I

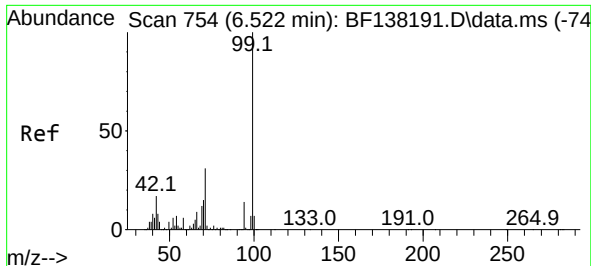
Tgt Ion:152 Resp: 428726
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 60.5 48.4 72.6



#5
2-Fluorophenol
Concen: 118.080 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:112 Resp: 3026246
Ion Ratio Lower Upper
112 100
64 59.6 45.2 67.8
63 30.1 22.9 34.3



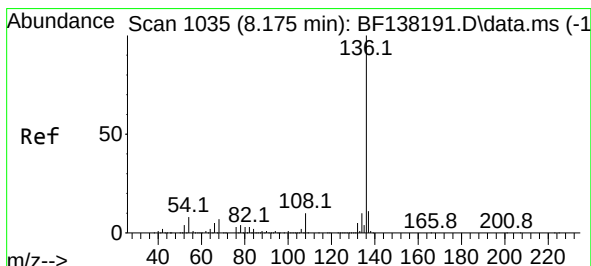
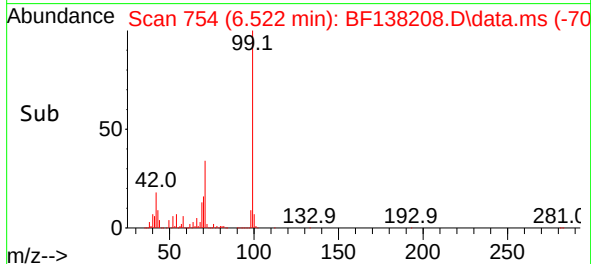
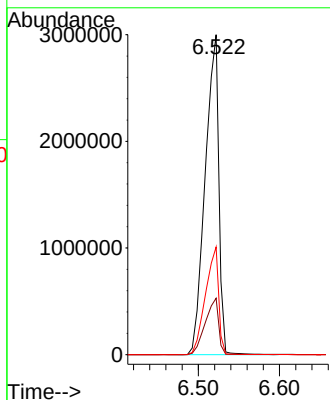
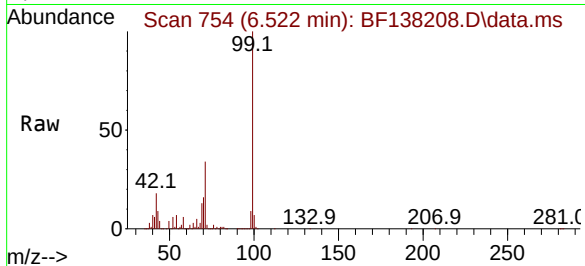


#7
Phenol-d6
Concen: 107.474 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Instrument :
BNA_F
ClientSampleId :
WC-I

Tgt Ion: 99 Resp: 3492736

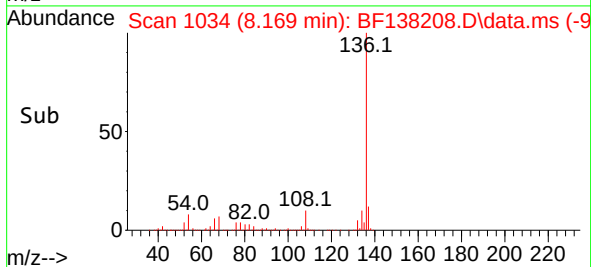
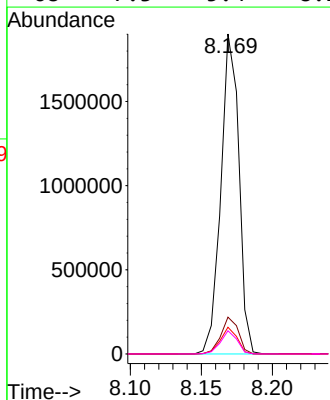
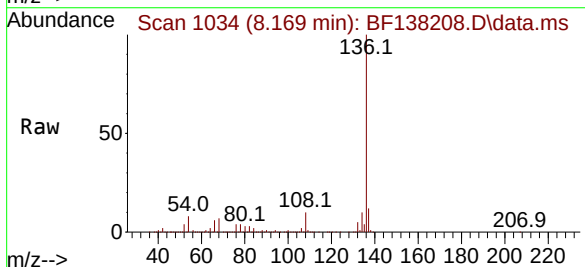
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	33.7	25.0	37.6

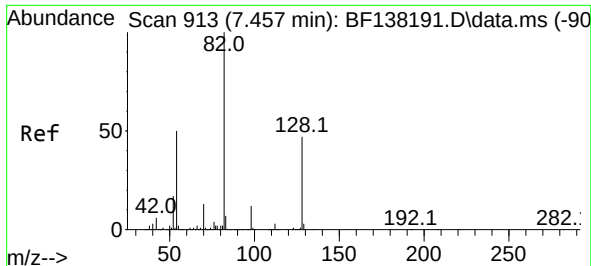


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:136 Resp: 1676948

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.4	6.6	10.0
68	7.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 86.288 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

Instrument :

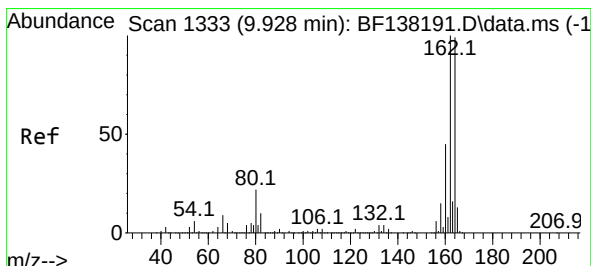
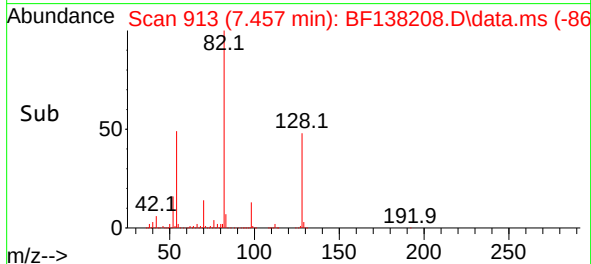
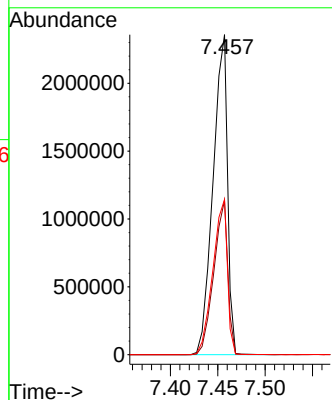
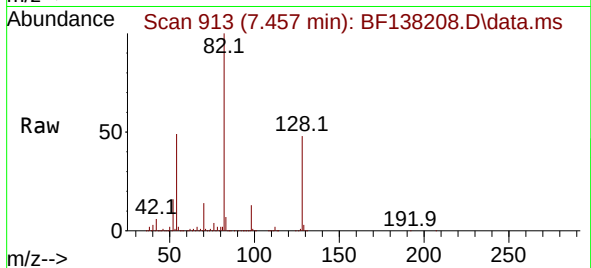
BNA_F

ClientSampleId :

WC-I

Tgt Ion: 82 Resp: 2485570

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.2	55.8
54	48.5	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

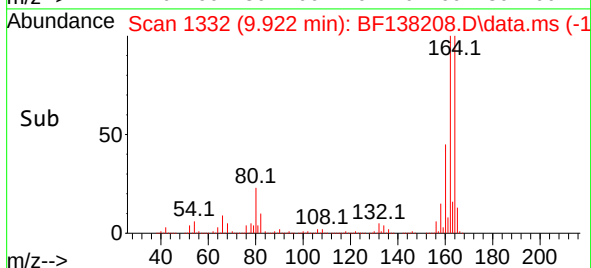
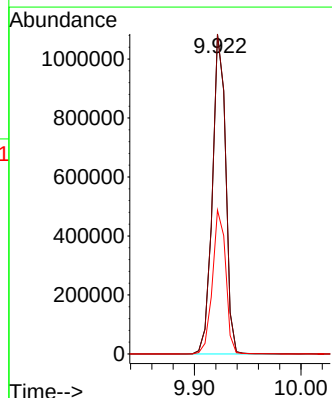
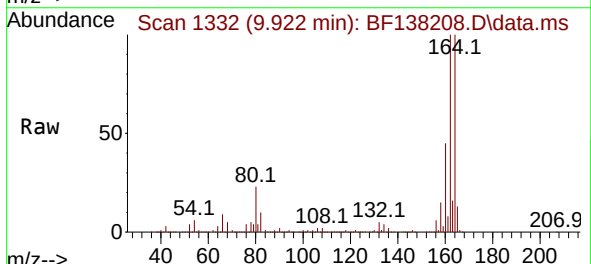
Delta R.T. -0.006 min

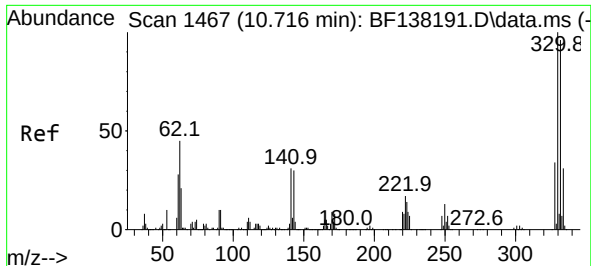
Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

Tgt Ion: 164 Resp: 938428

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.0	36.3	54.5

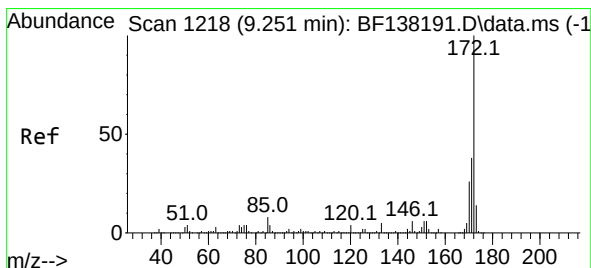
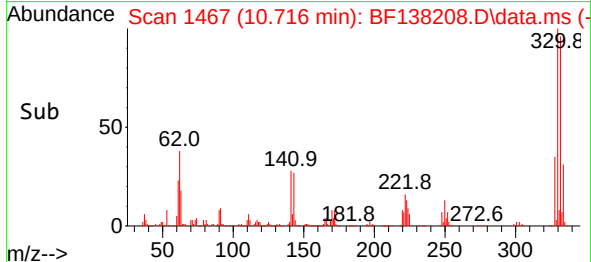
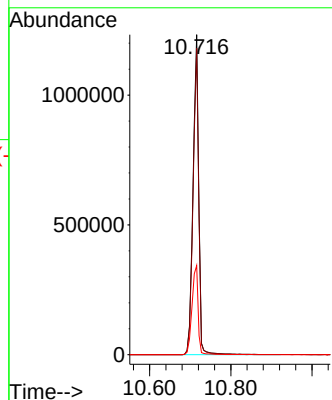
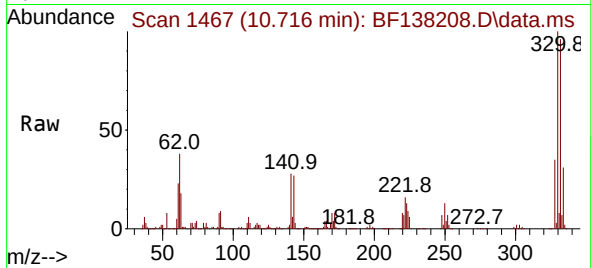




#42
2,4,6-Tribromophenol
Concen: 126.924 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

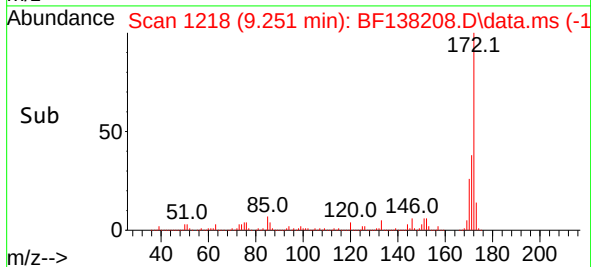
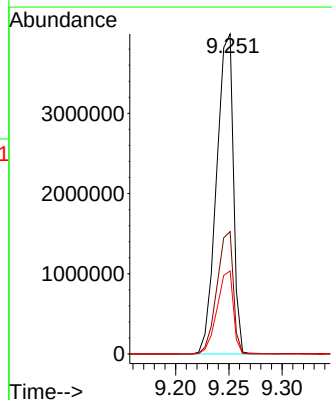
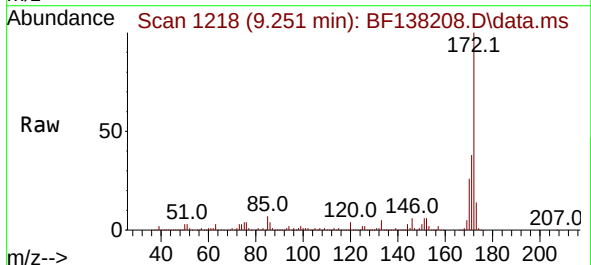
Instrument :
BNA_F
ClientSampleId :
WC-I

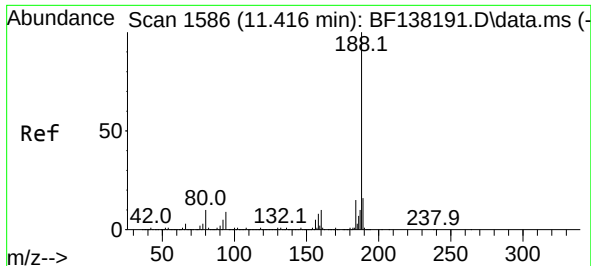
Tgt Ion:330 Resp: 1185756
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.989 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:172 Resp: 4366446
Ion Ratio Lower Upper
172 100
171 38.2 30.3 45.5
170 26.0 20.6 30.8

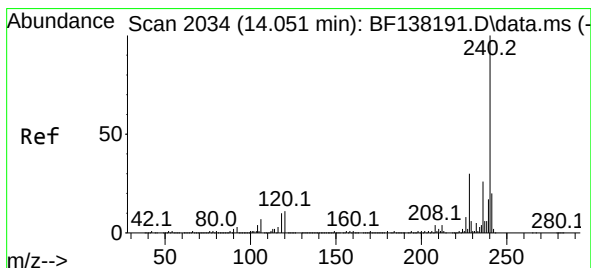
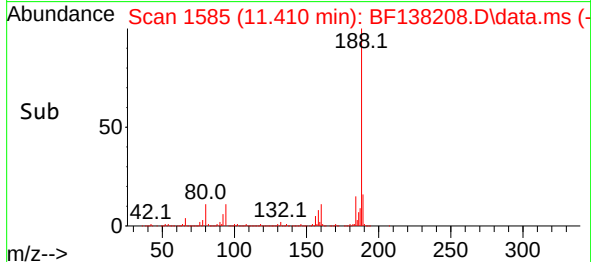
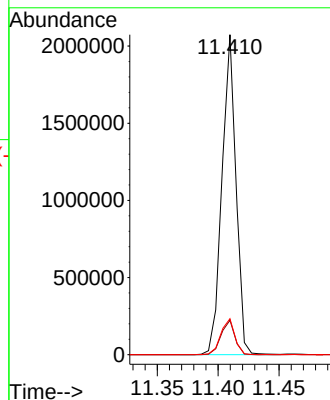
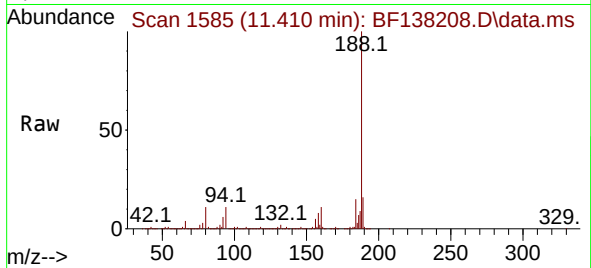




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

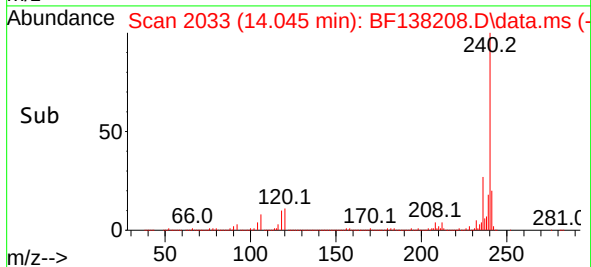
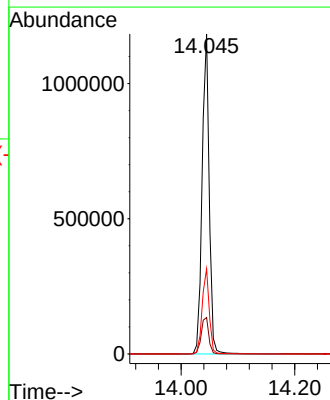
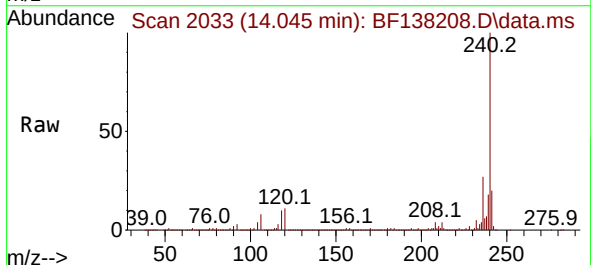
Instrument :
BNA_F
ClientSampleId :
WC-I

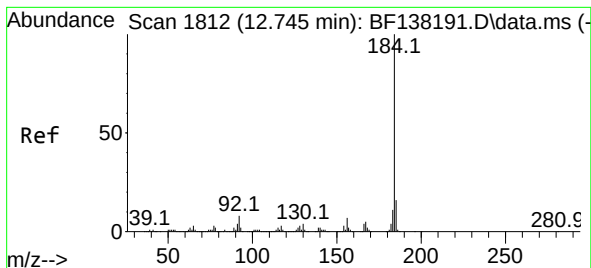
Tgt Ion:188 Resp: 1668377
Ion Ratio Lower Upper
188 100
94 10.8 7.6 11.4
80 11.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:240 Resp: 1027224
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.6 21.0 31.6





#77

Benzidine

Concen: 70.672 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WC-I

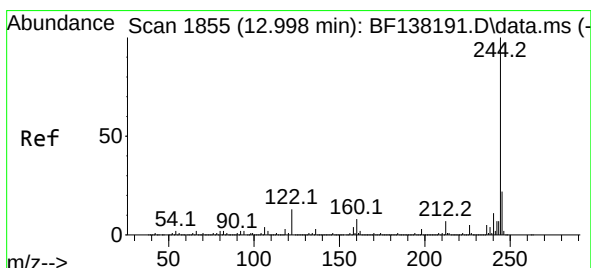
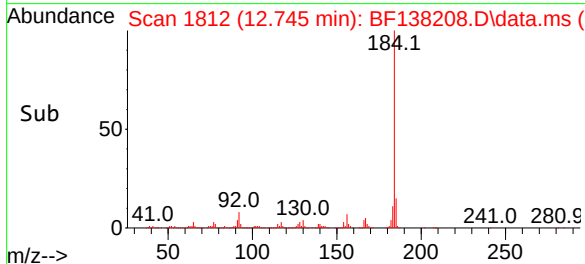
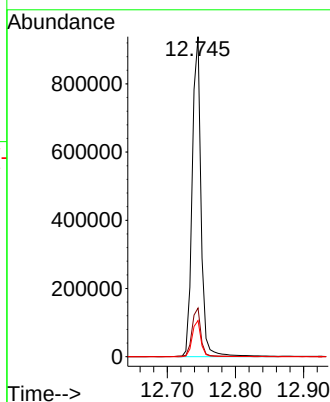
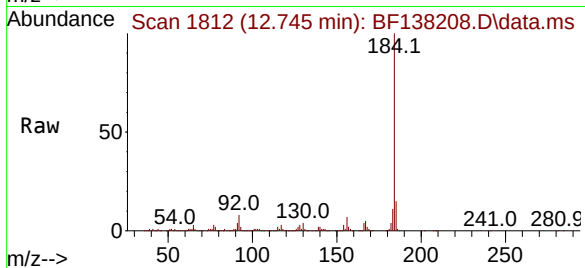
Tgt Ion:184 Resp: 839695

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

183 11.3 9.0 13.6



#79

Terphenyl-d14

Concen: 76.953 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

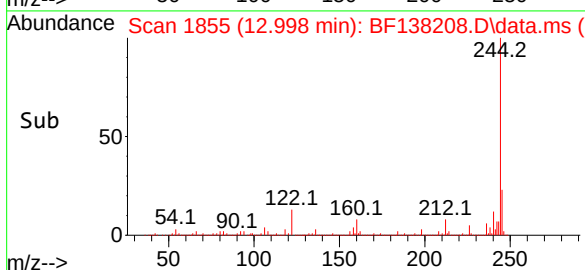
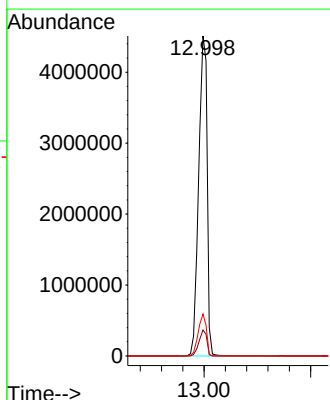
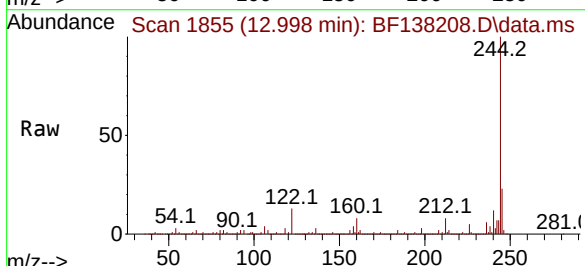
Tgt Ion:244 Resp: 4990928

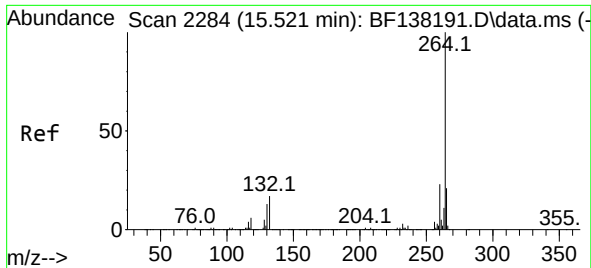
Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

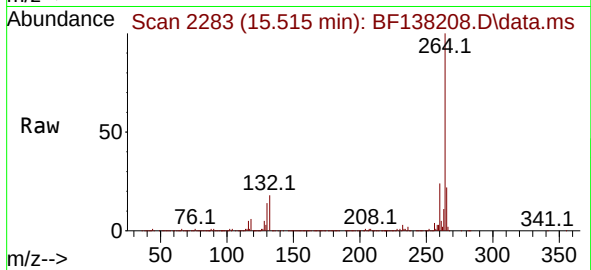
122 13.1 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Instrument :
BNA_F
ClientSampleId :
WC-I



Tgt Ion:264 Resp: 870515
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.5 17.0 25.6

