

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138502.D
 Acq On : 10 Jul 2024 15:36
 Operator : CG\JU
 Sample : P2886-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 10 16:02:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91200	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	325424	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	158629	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	244744	20.000	ng	0.00
76) Chrysene-d12	14.027	240	204425	20.000	ng	0.00
86) Perylene-d12	15.492	264	217314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	177148	30.763	ng	0.00
7) Phenol-d6	6.492	99	139413	18.199	ng	-0.01
23) Nitrobenzene-d5	7.428	82	466912	70.444	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	98924	66.726	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	753800	74.269	ng	0.00
79) Terphenyl-d14	13.027	244	812326	64.736	ng	0.05

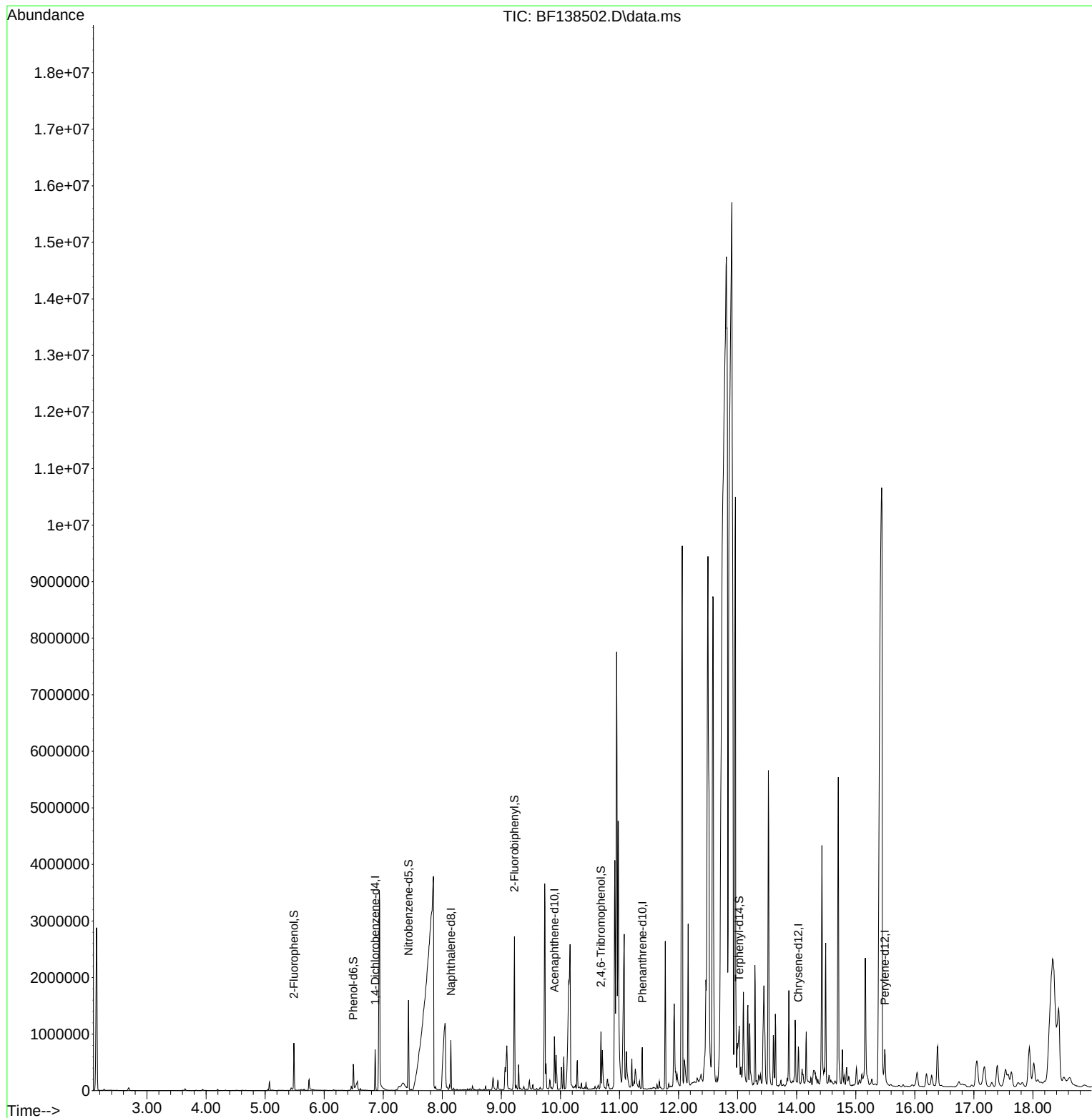
Target Compounds	Qvalue

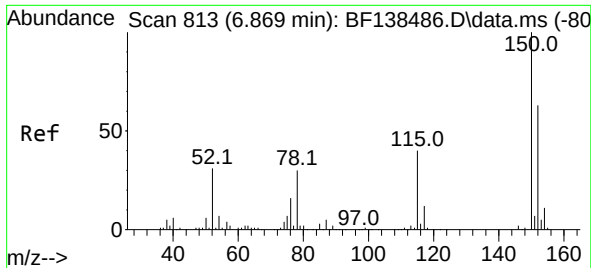
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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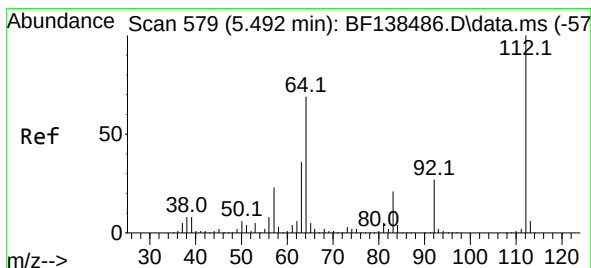
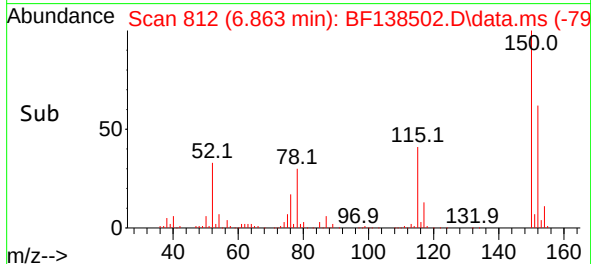
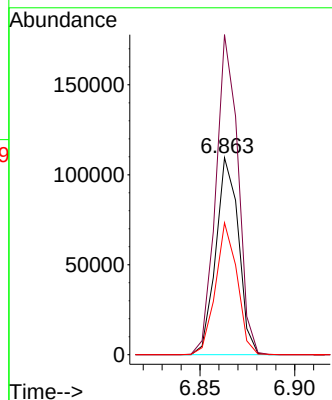
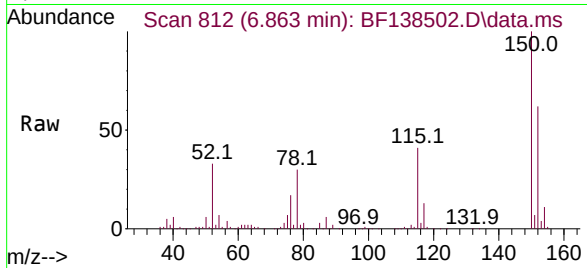




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

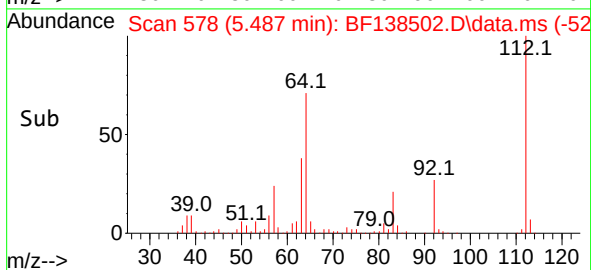
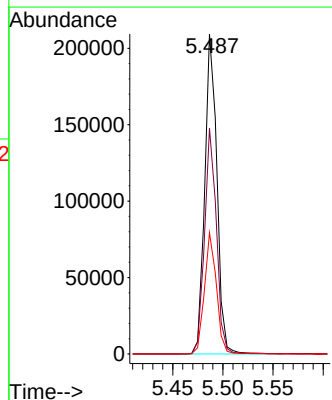
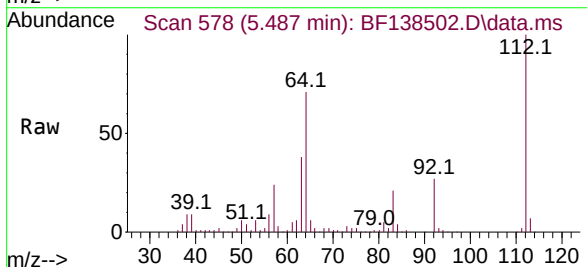
Instrument :
BNA_F
ClientSampleId :
EFF-WW

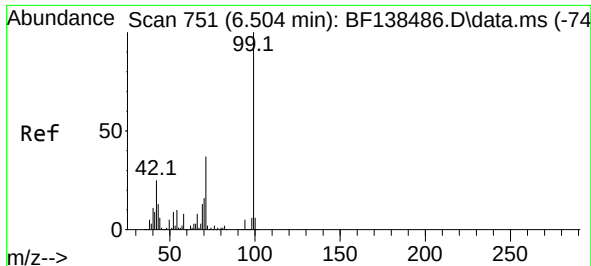
Tgt Ion:152 Resp: 91200
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 30.763 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion:112 Resp: 177148
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.9 29.0 43.6

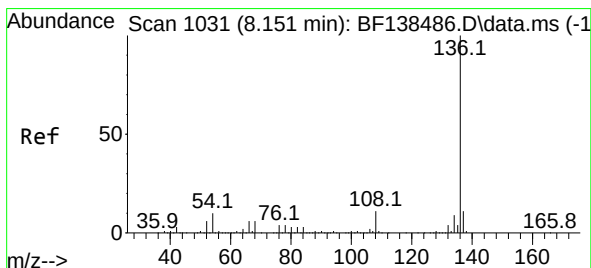
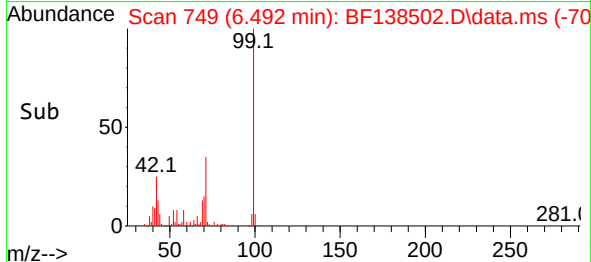
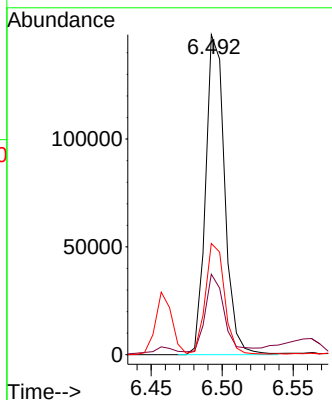
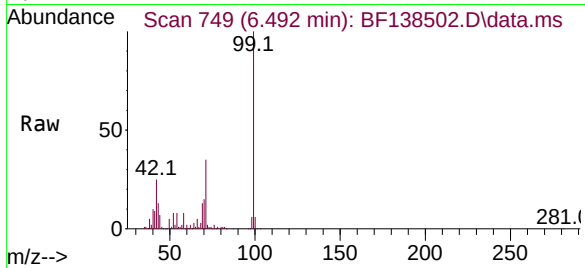




#7
Phenol-d6
Concen: 18.199 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

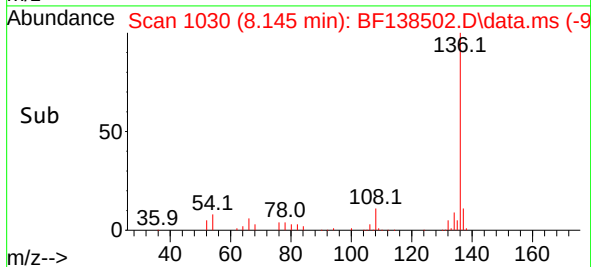
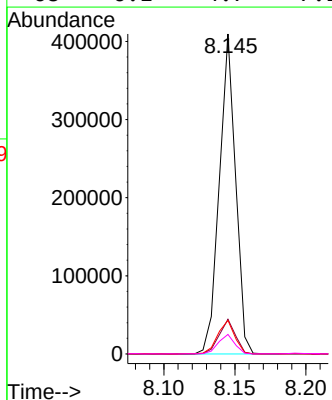
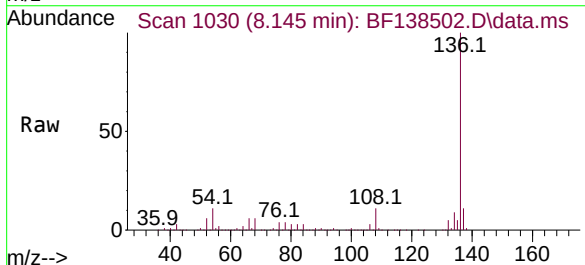
Instrument :
BNA_F
ClientSampleId :
EFF-WW

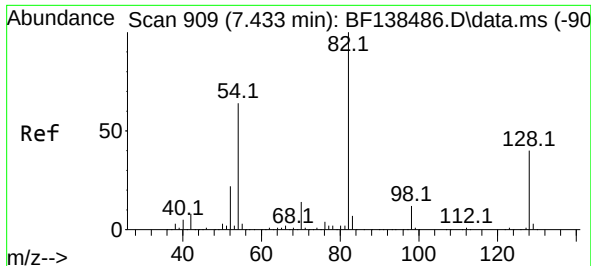
Tgt Ion: 99 Resp: 139413
Ion Ratio Lower Upper
99 100
42 25.2 19.7 29.5
71 34.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion: 136 Resp: 325424
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.5 8.1 12.1
68 6.1 4.7 7.1

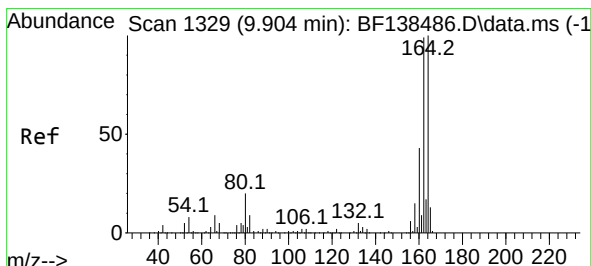
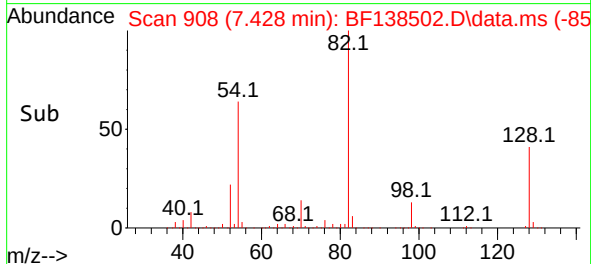
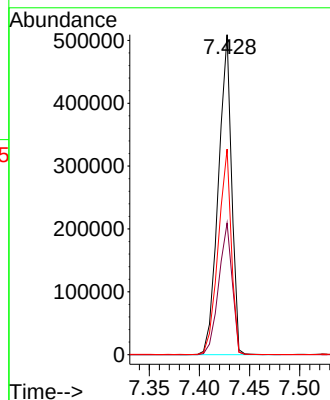
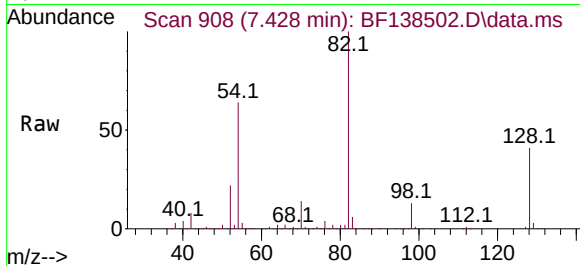




#23
Nitrobenzene-d5
Concen: 70.444 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

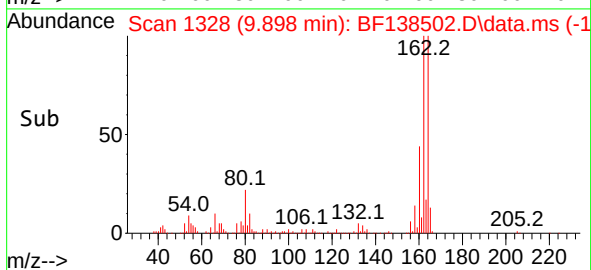
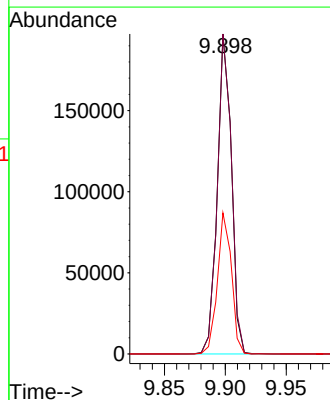
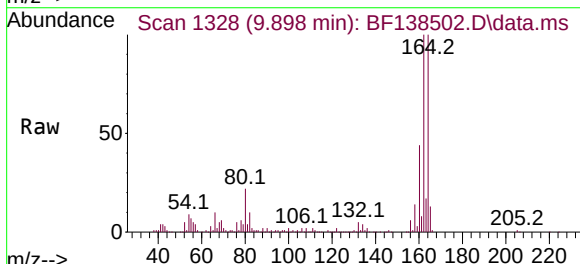
Instrument :
BNA_F
ClientSampleId :
EFF-WW

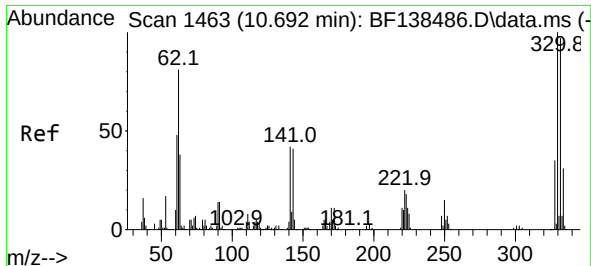
Tgt Ion: 82 Resp: 466912
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 64.2 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

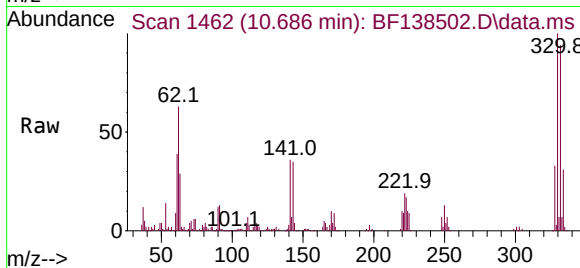
Tgt Ion:164 Resp: 158629
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.1 34.4 51.6





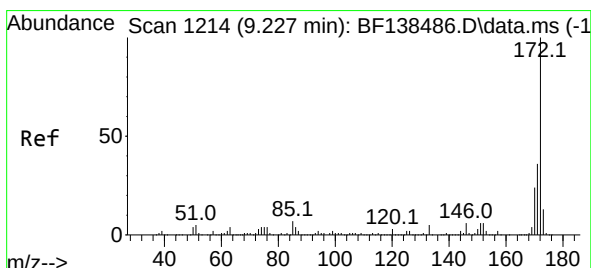
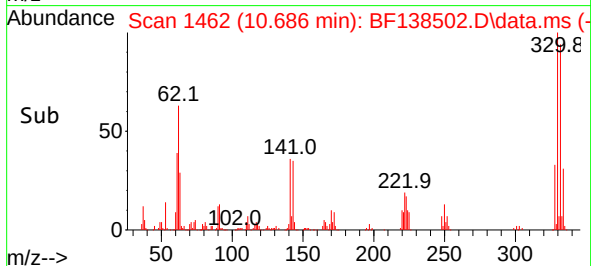
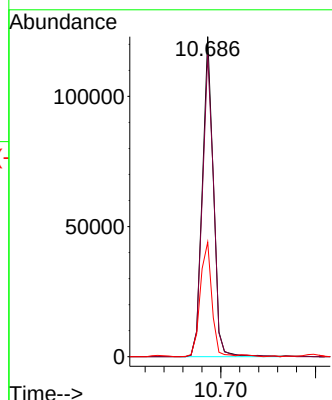
#42
2,4,6-Tribromophenol
Concen: 66.726 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 330 Resp: 98924

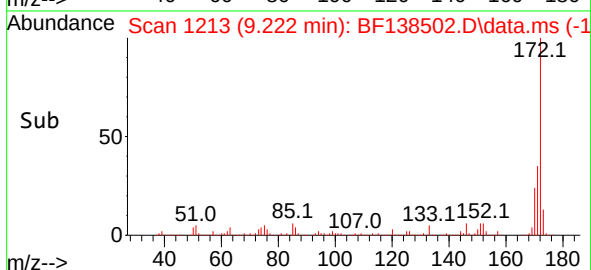
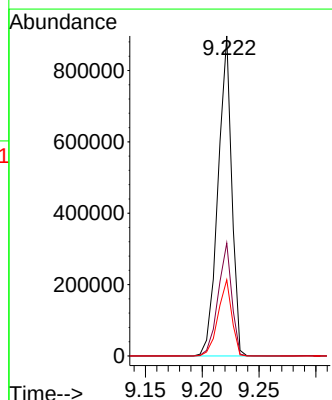
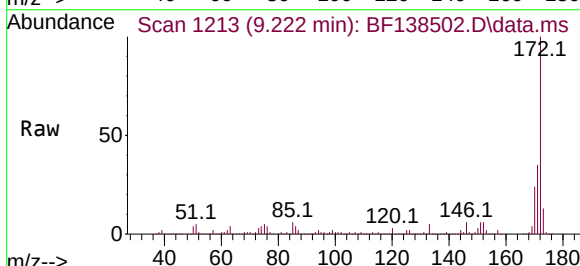
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	37.9	29.4	44.2

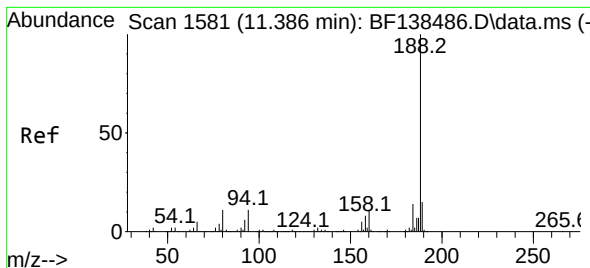


#45
2-Fluorobiphenyl
Concen: 74.269 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion: 172 Resp: 753800

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.8	18.9	28.3

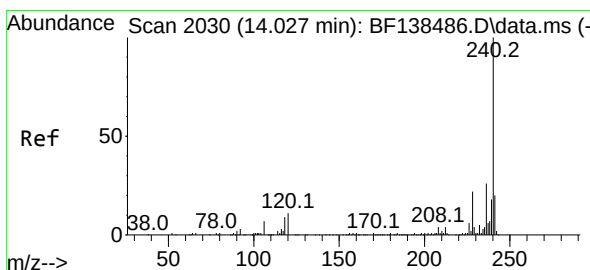
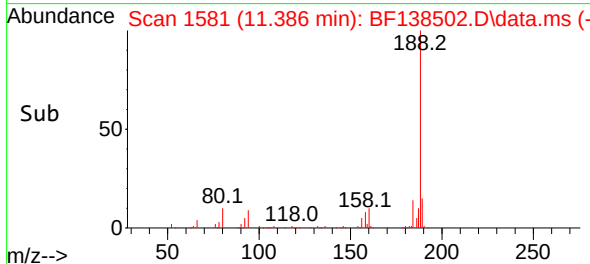
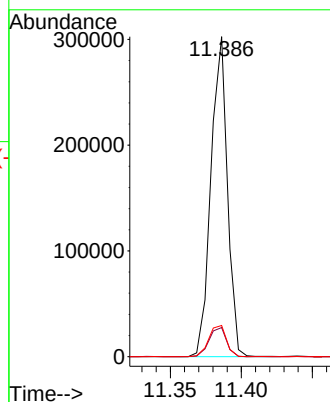
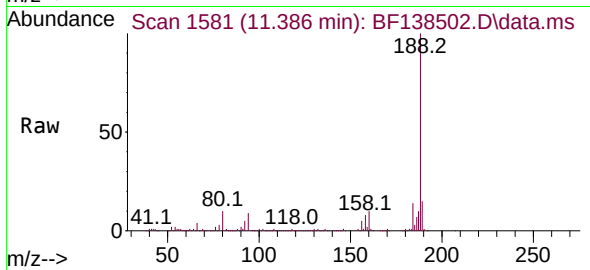




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

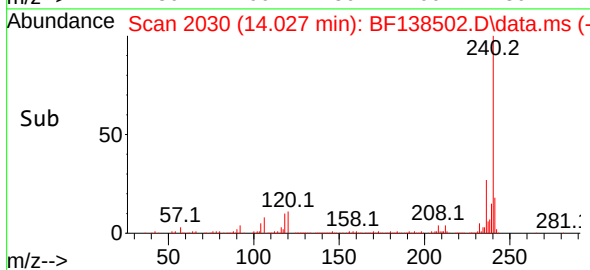
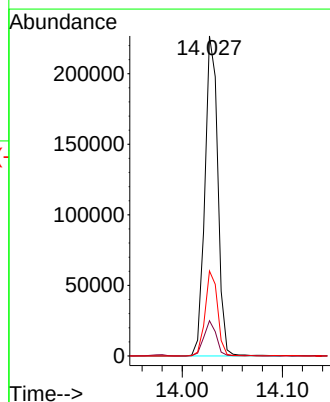
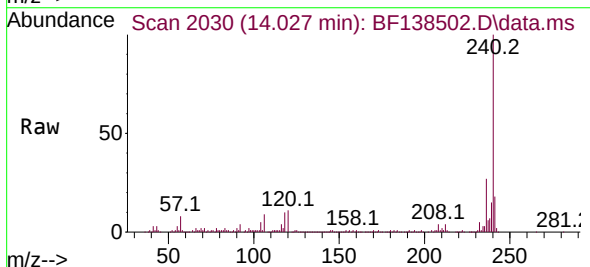
Instrument :
BNA_F
ClientSampleId :
EFF-WW

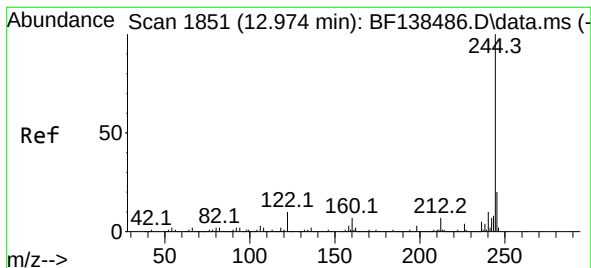
Tgt Ion:188 Resp: 244744
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 9.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion:240 Resp: 204425
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 64.736 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.053 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

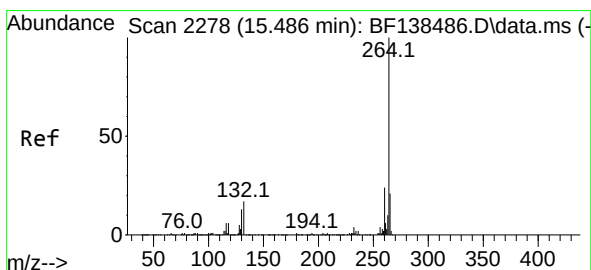
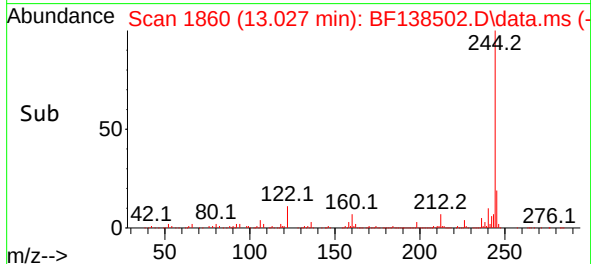
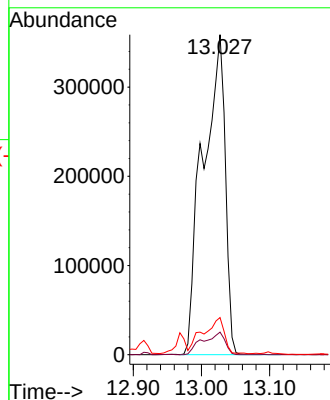
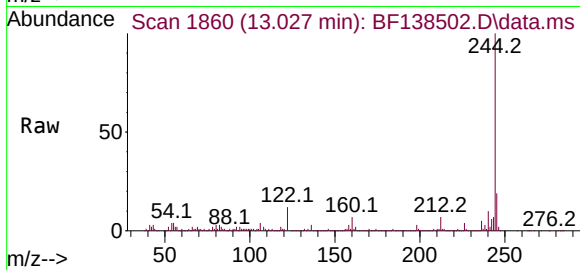
Tgt Ion:244 Resp: 812326

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.6 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Tgt Ion:264 Resp: 217314

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 20.6 17.0 25.4

