

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138503.D
 Acq On : 10 Jul 2024 16:08
 Operator : CG\JU
 Sample : P3189-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240703078-01

Quant Time: Jul 10 16:32:10 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	83143	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322747	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	170587	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	257111	20.000	ng	0.00
76) Chrysene-d12	14.016	240	155765	20.000	ng	-0.01
86) Perylene-d12	15.486	264	171303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	229454	43.708	ng	0.00
7) Phenol-d6	6.493	99	197071	28.219	ng	-0.01
23) Nitrobenzene-d5	7.428	82	513796	78.161	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	126737	79.494	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	891646	81.692	ng	0.00
79) Terphenyl-d14	12.969	244	766191	80.135	ng	0.00

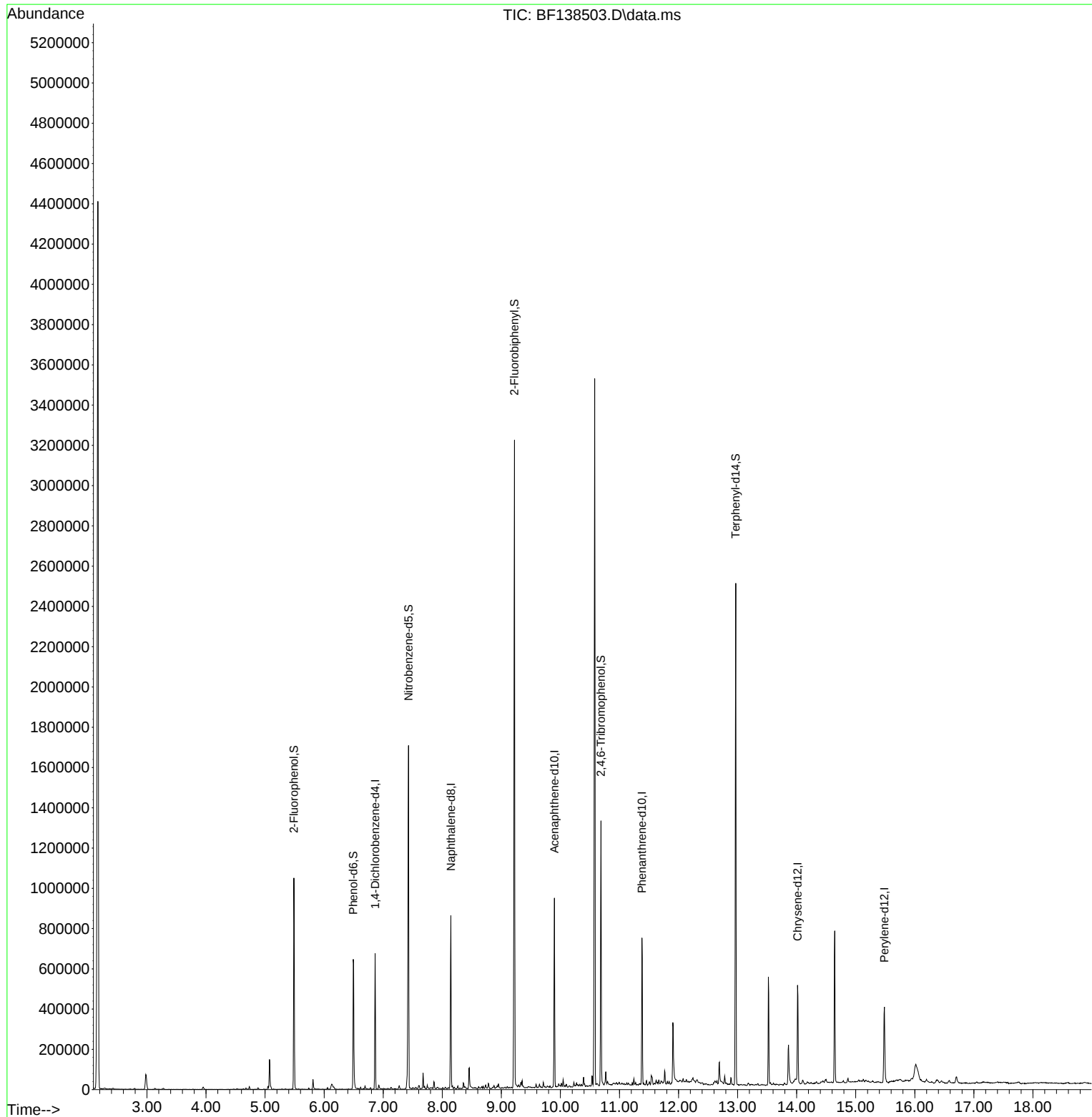
Target Compounds	Qvalue

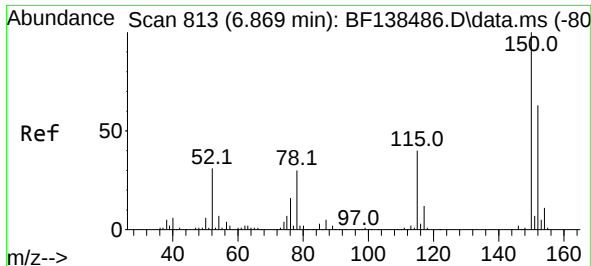
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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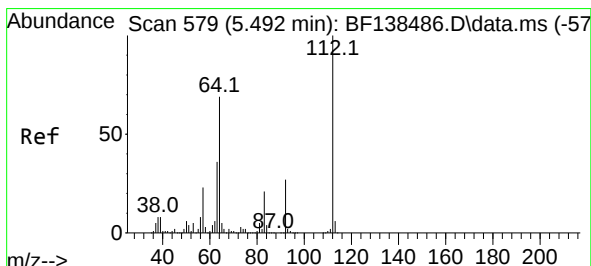
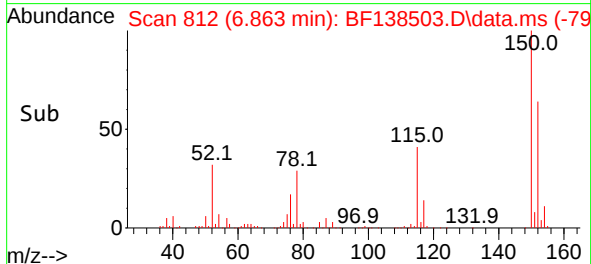
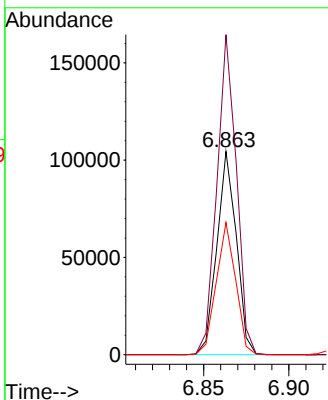
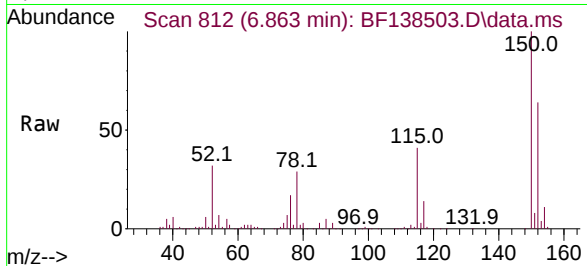




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

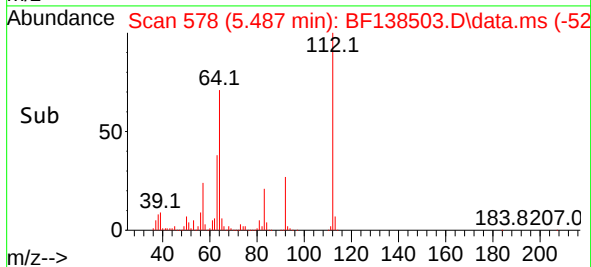
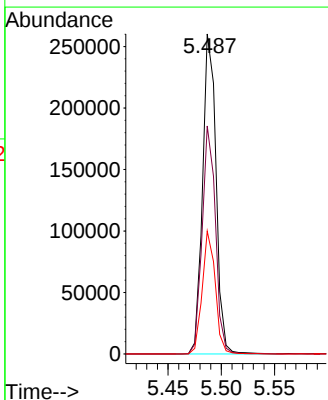
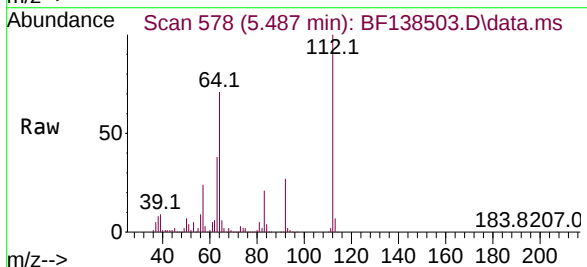
Instrument :
BNA_F
ClientSampleId :
240703078-01

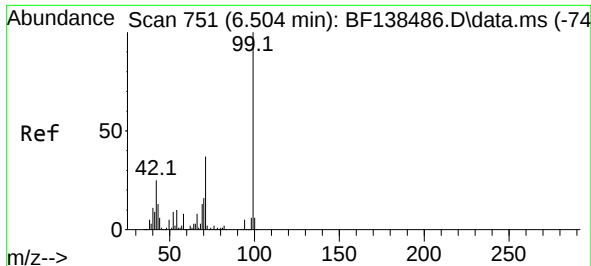
Tgt Ion:152 Resp: 83143
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 65.0 50.3 75.5



#5
2-Fluorophenol
Concen: 43.708 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion:112 Resp: 229454
Ion Ratio Lower Upper
112 100
64 71.2 55.1 82.7
63 38.4 29.0 43.6

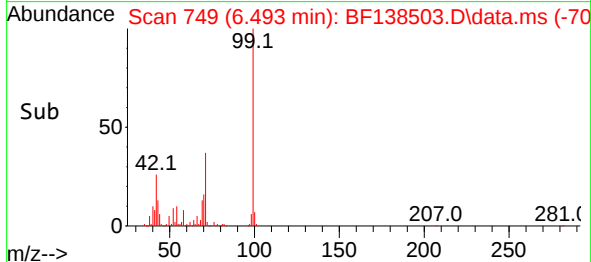
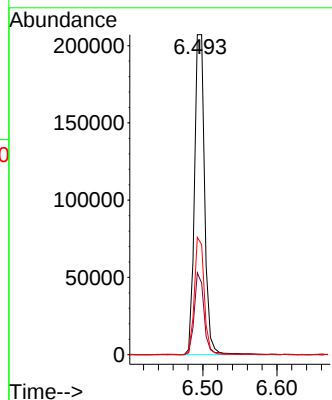
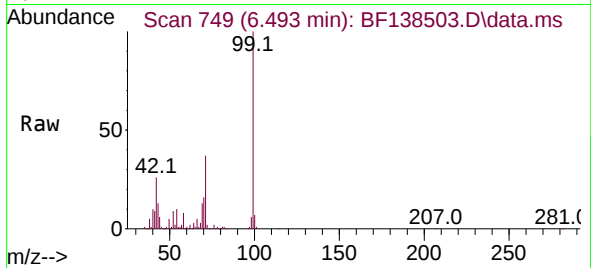




#7
Phenol-d6
Concen: 28.219 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

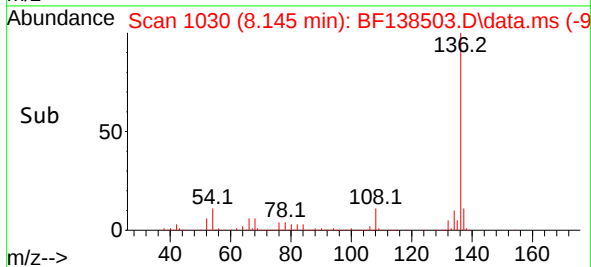
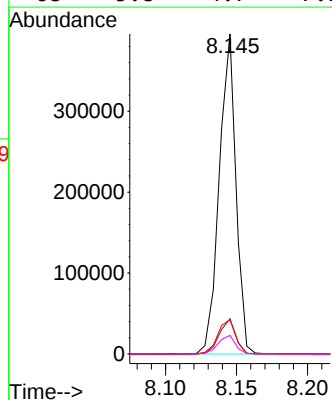
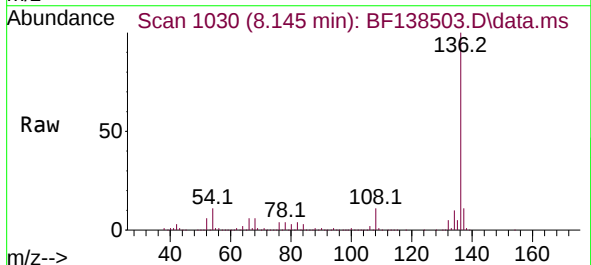
Instrument :
BNA_F
ClientSampleId :
240703078-01

Tgt Ion: 99 Resp: 197071
Ion Ratio Lower Upper
99 100
42 25.6 19.7 29.5
71 36.7 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: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion: 136 Resp: 322747
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.7 8.1 12.1
68 5.8 4.7 7.1

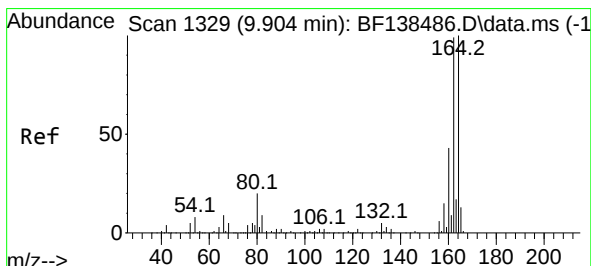
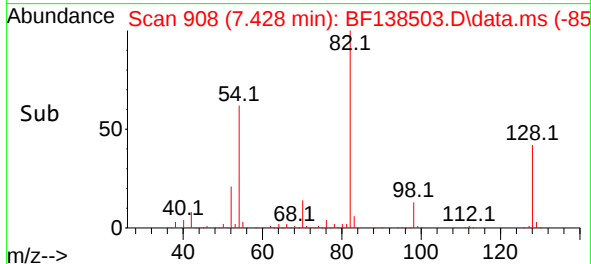
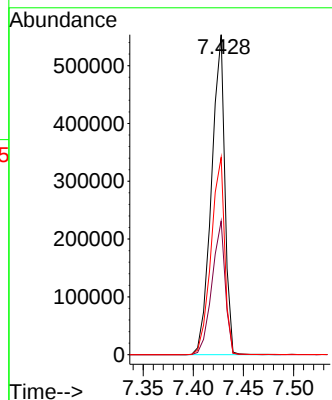
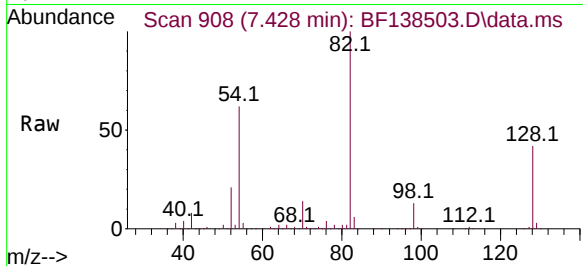




#23
Nitrobenzene-d5
Concen: 78.161 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

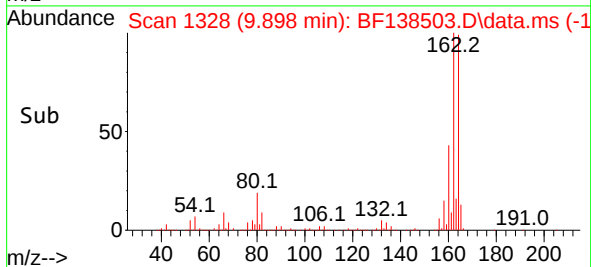
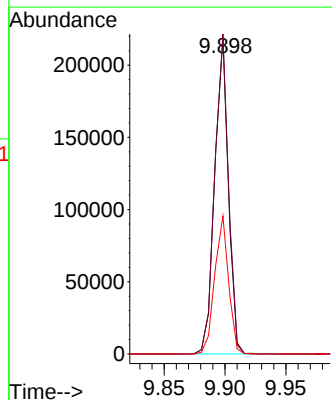
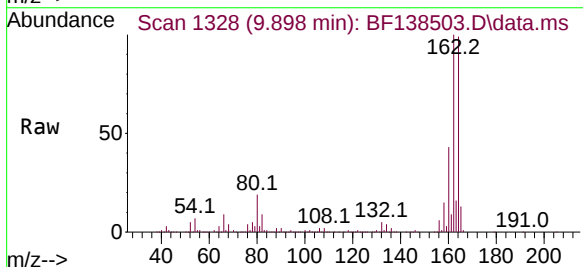
Instrument :
BNA_F
ClientSampleId :
240703078-01

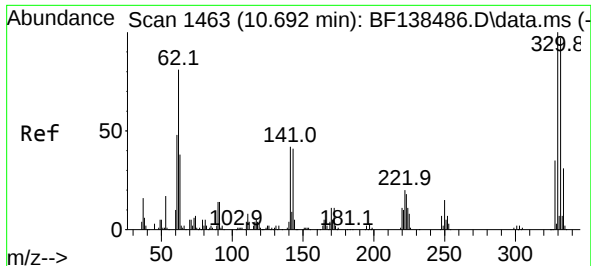
Tgt Ion: 82 Resp: 513796
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 61.7 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

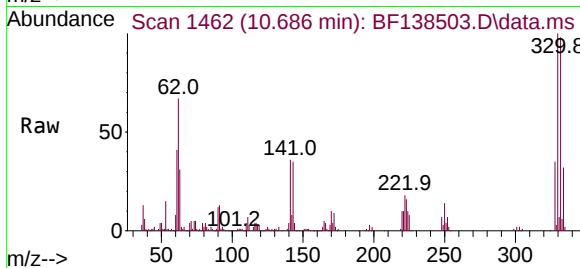
Tgt Ion:164 Resp: 170587
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.6
160 43.6 34.4 51.6



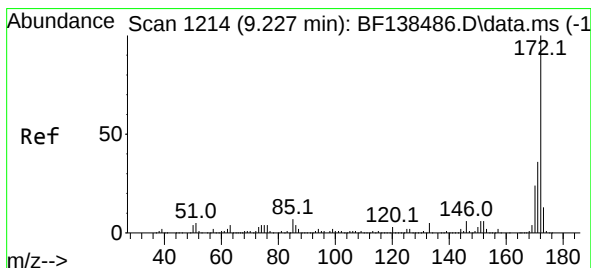
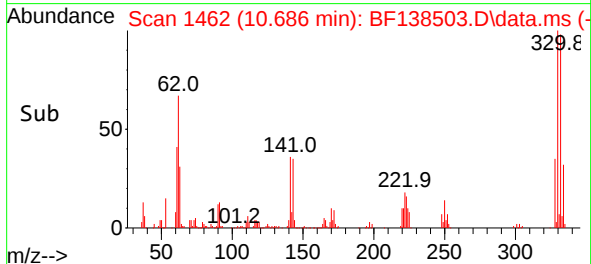
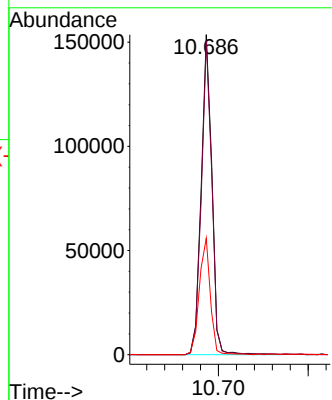


#42
2,4,6-Tribromophenol
Concen: 79.494 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Instrument :
BNA_F
ClientSampleId :
240703078-01

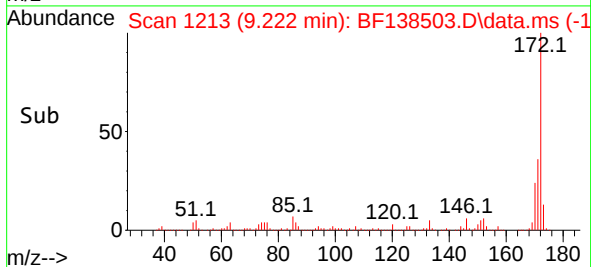
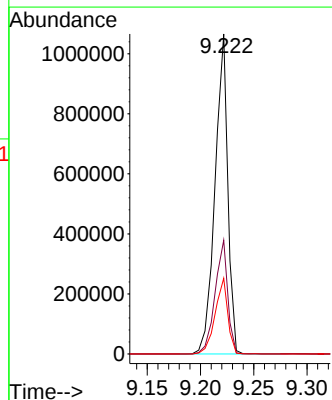
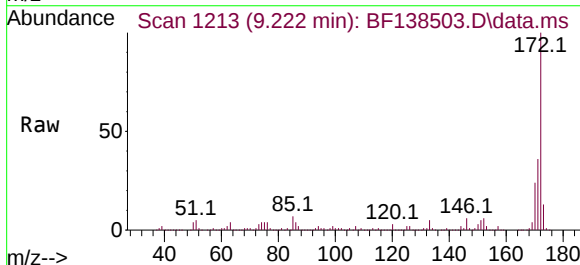


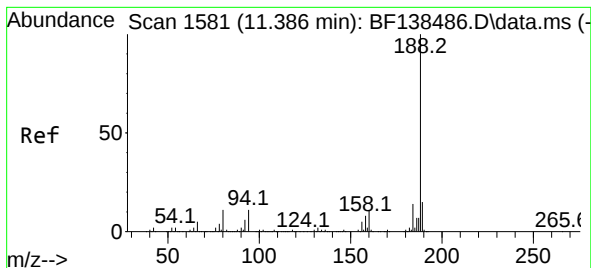
Tgt Ion: 330 Resp: 126737
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 37.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 81.692 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion: 172 Resp: 891646
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

Instrument :

BNA_F

ClientSampleId :

240703078-01

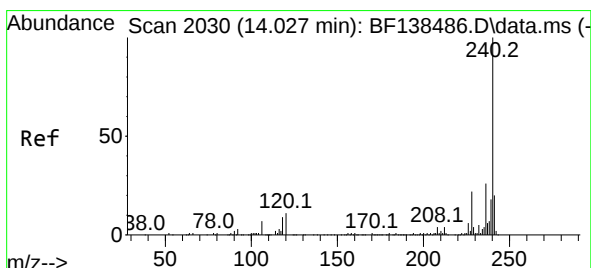
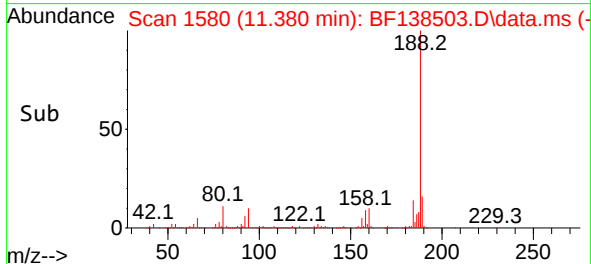
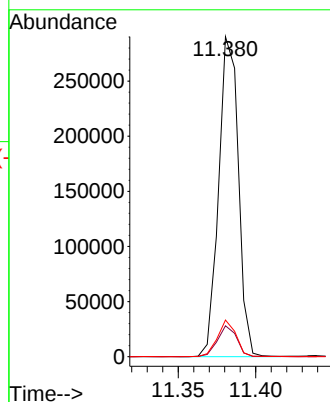
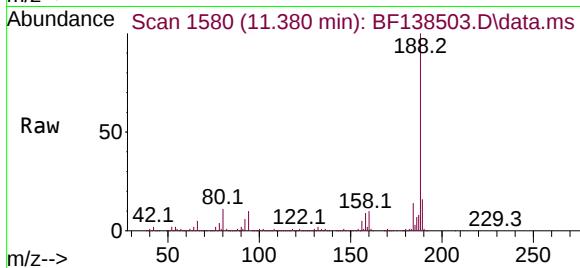
Tgt Ion:188 Resp: 257111

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

80 11.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

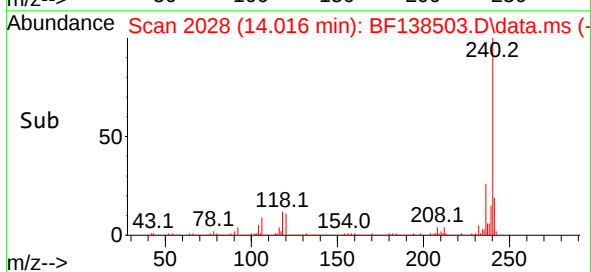
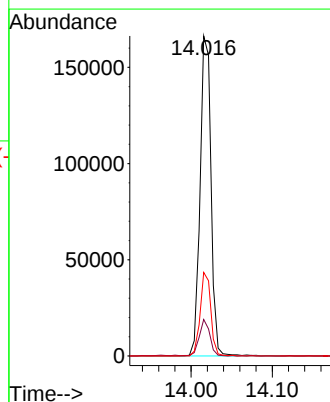
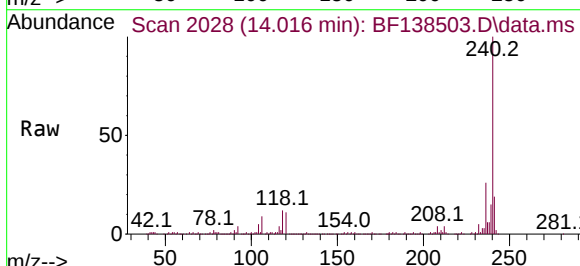
Tgt Ion:240 Resp: 155765

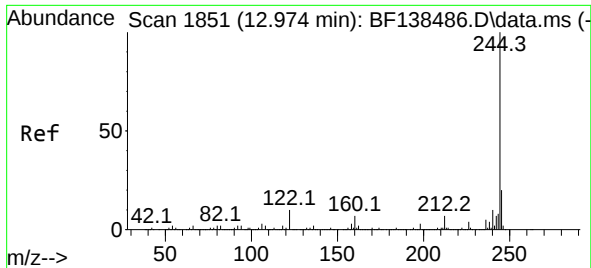
Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 26.1 21.0 31.6

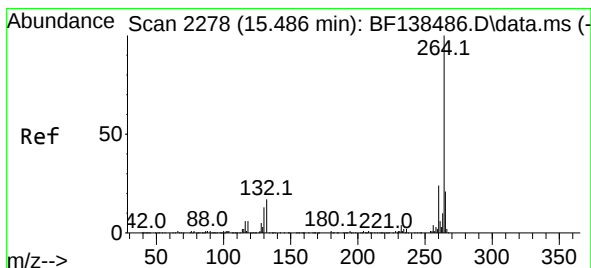
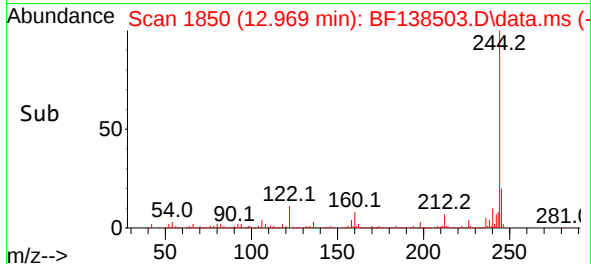
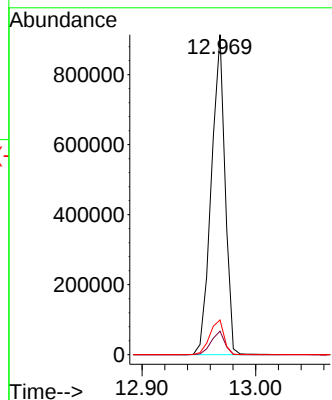
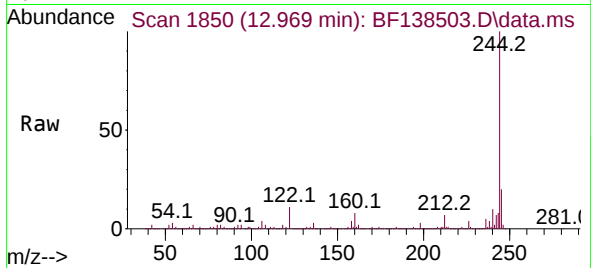




#79
 Terphenyl-d14
 Concen: 80.135 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138503.D
 Acq: 10 Jul 2024 16:08

Instrument :
 BNA_F
 ClientSampleId :
 240703078-01

Tgt Ion:244 Resp: 766191
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138503.D
 Acq: 10 Jul 2024 16:08

Tgt Ion:264 Resp: 171303
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 21.9 17.0 25.4

