

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138520.D
 Acq On : 11 Jul 2024 13:39
 Operator : CG\JU
 Sample : P3183-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N28660

Quant Time: Jul 11 14:05:15 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	82370	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	330055	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	182061	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	284472	20.000	ng	0.00
76) Chrysene-d12	14.016	240	161729	20.000	ng	-0.01
86) Perylene-d12	15.480	264	137482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	791158	152.119	ng	0.02
7) Phenol-d6	6.504	99	1013579	146.497	ng	0.00
23) Nitrobenzene-d5	7.428	82	688910	102.480	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	249921	146.879	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1202849	103.259	ng	0.00
79) Terphenyl-d14	12.969	244	1017838	102.528	ng	0.00

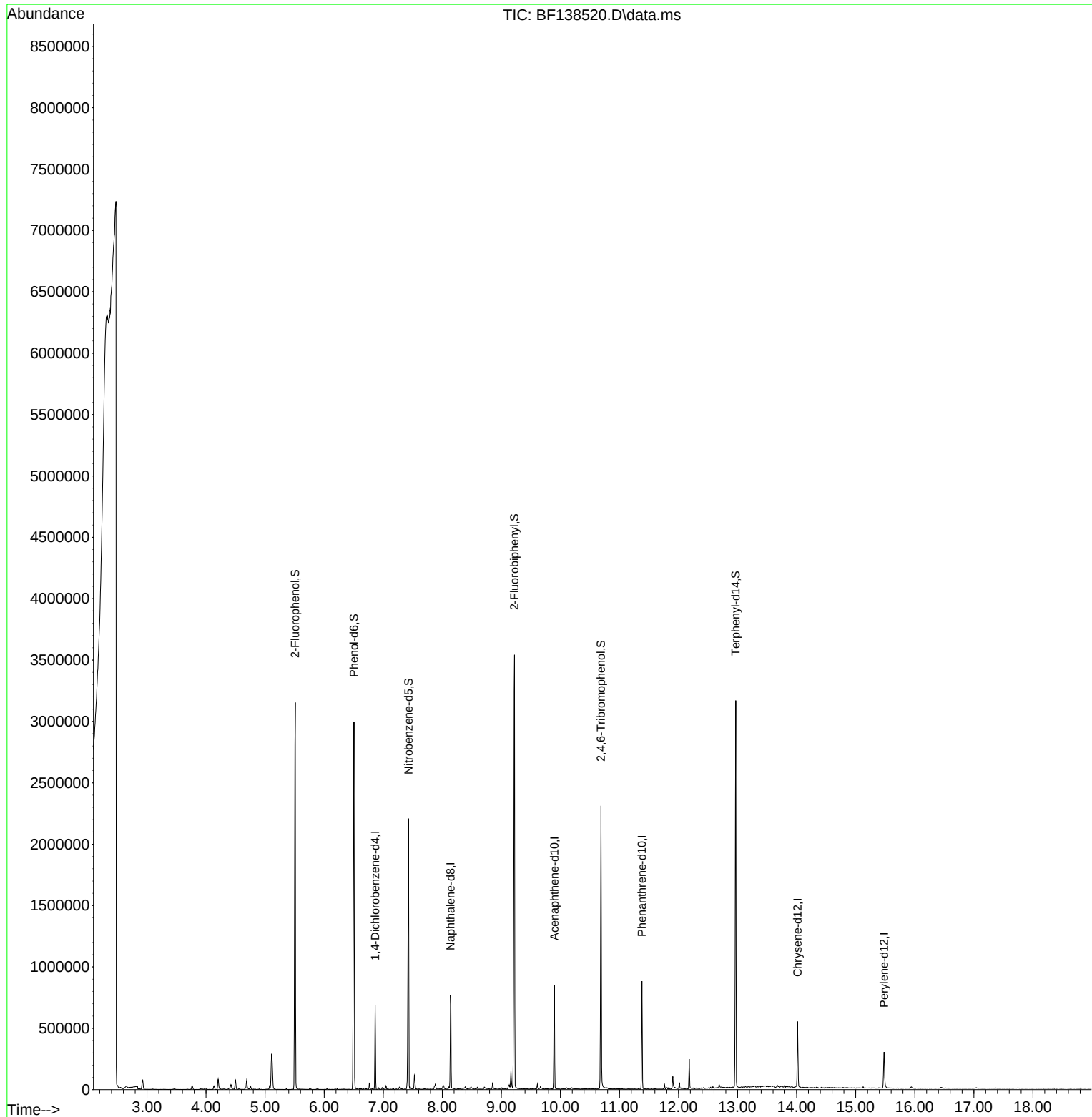
Target Compounds	Qvalue

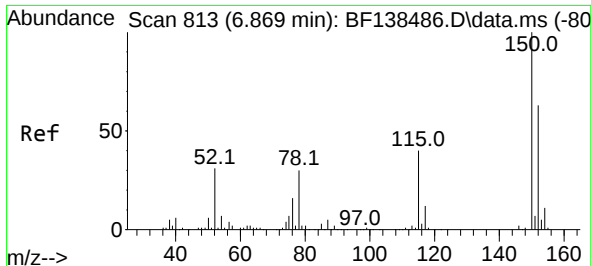
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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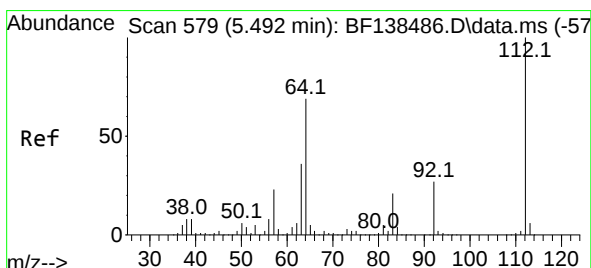
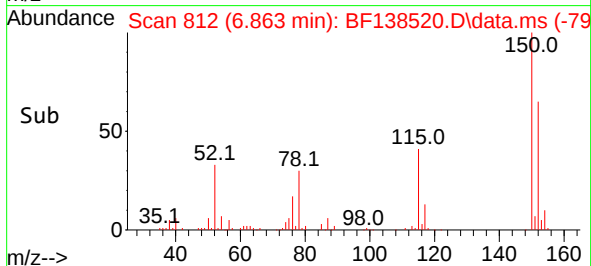
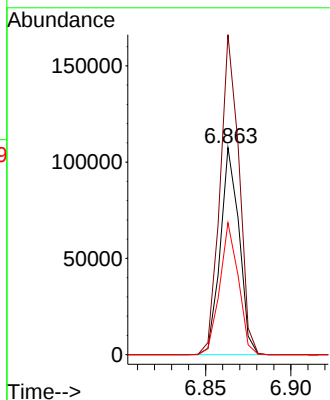
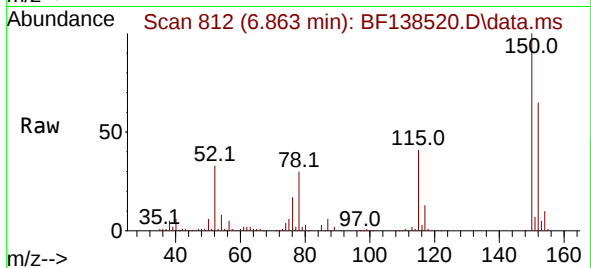




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

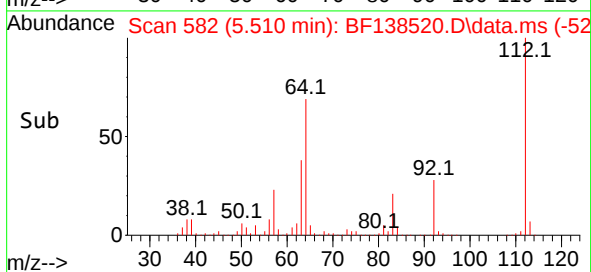
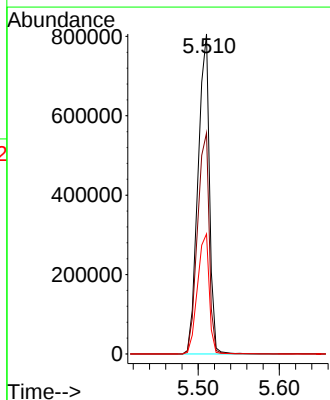
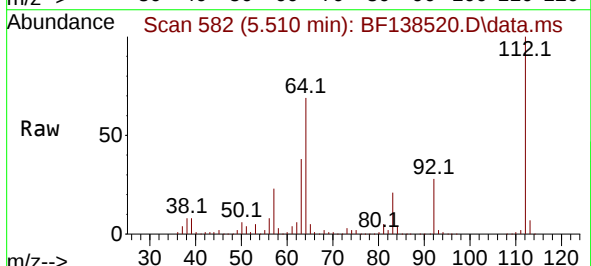
Instrument :
BNA_F
ClientSampleId :
N28660

Tgt Ion:152 Resp: 82370
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.4
115 63.7 50.3 75.5



#5
2-Fluorophenol
Concen: 152.119 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

Tgt Ion:112 Resp: 791158
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 37.5 29.0 43.6

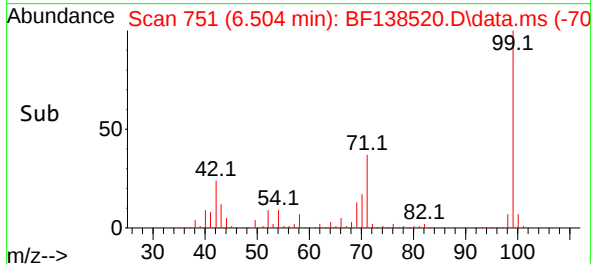
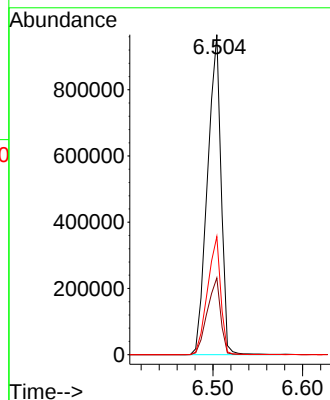
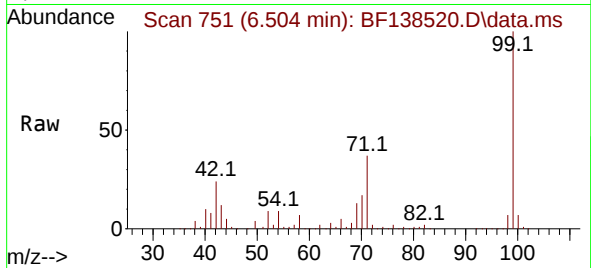




#7
Phenol-d6
Concen: 146.497 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

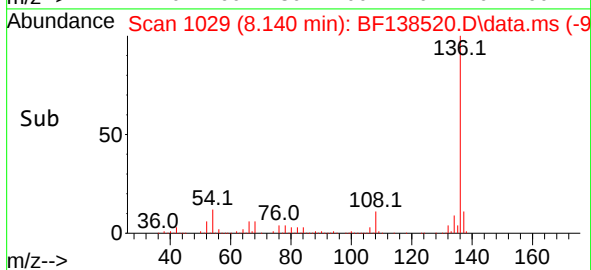
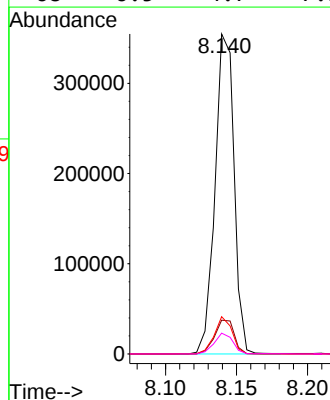
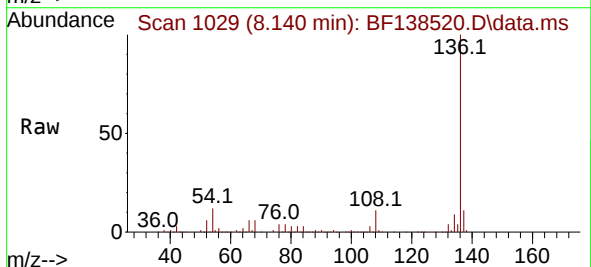
Instrument :
BNA_F
ClientSampleId :
N28660

Tgt Ion: 99 Resp: 1013579
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 36.9 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF138520.D
Acq: 11 Jul 2024 13:39

Tgt Ion:136 Resp: 330055
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.7 8.1 12.1
68 6.5 4.7 7.1

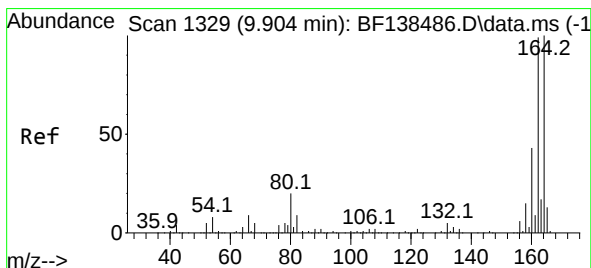
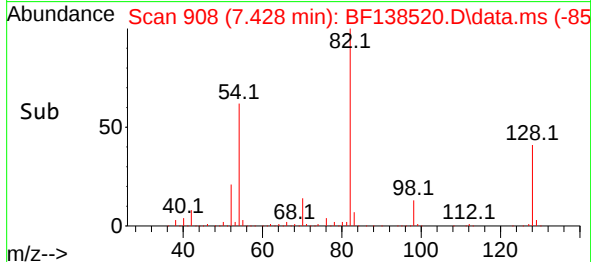
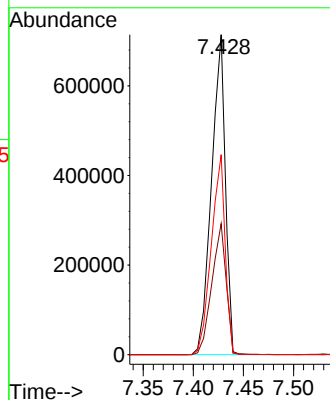
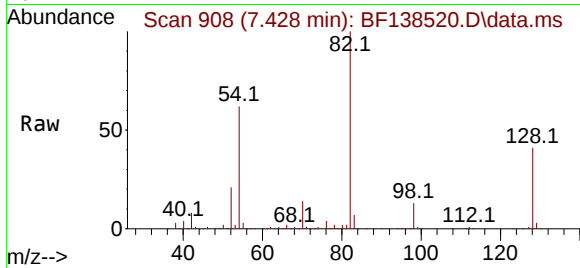




#23
 Nitrobenzene-d5
 Concen: 102.480 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

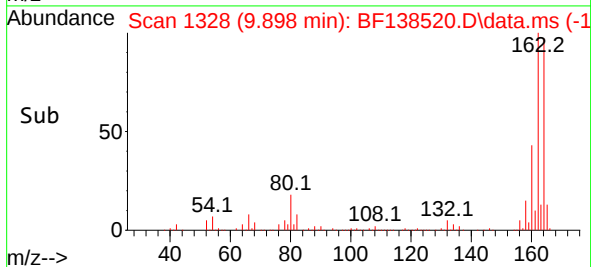
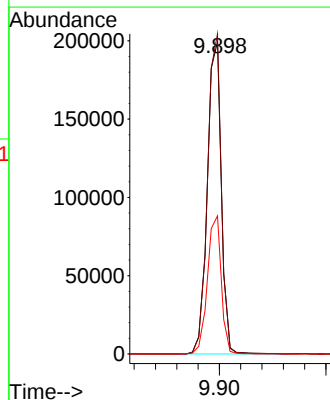
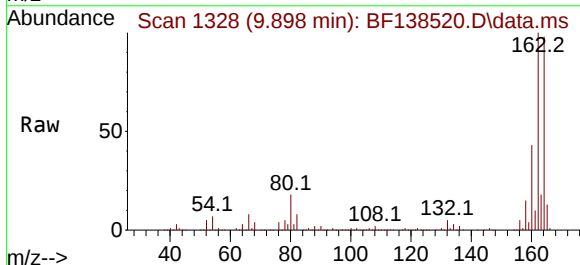
Instrument :
 BNA_F
 ClientSampleId :
 N28660

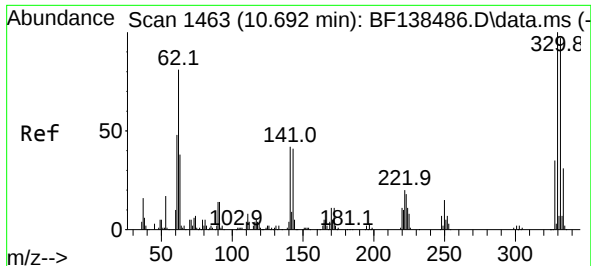
Tgt Ion: 82 Resp: 688910
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.3 48.5
 54 62.5 51.4 77.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

Tgt Ion:164 Resp: 182061
 Ion Ratio Lower Upper
 164 100
 162 102.5 79.0 118.6
 160 44.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 146.879 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

Instrument :

BNA_F

ClientSampleId :

N28660

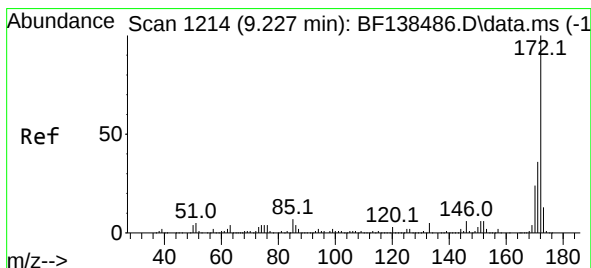
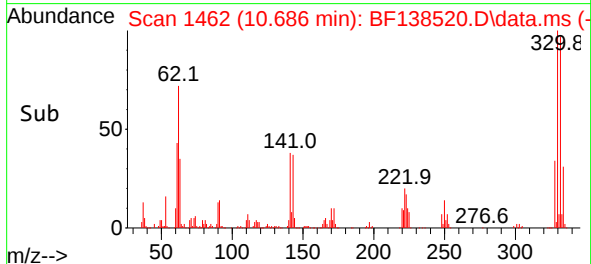
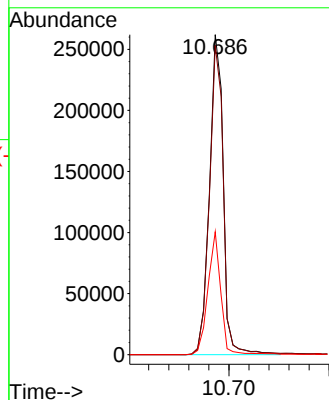
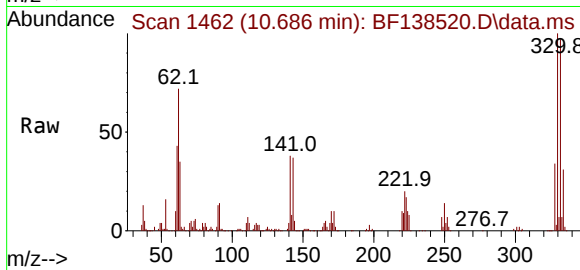
Tgt Ion:330 Resp: 249921

Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

141 36.3 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 103.259 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138520.D

Acq: 11 Jul 2024 13:39

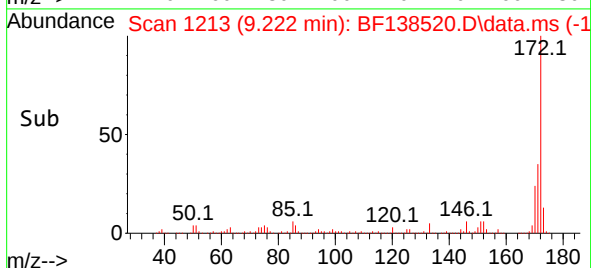
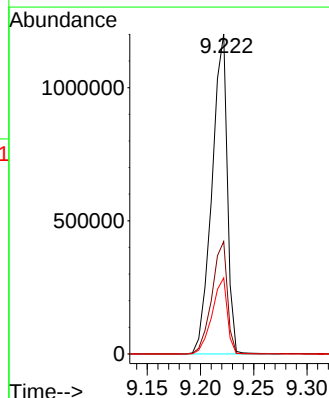
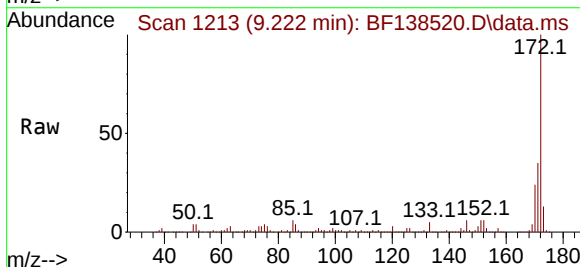
Tgt Ion:172 Resp: 1202849

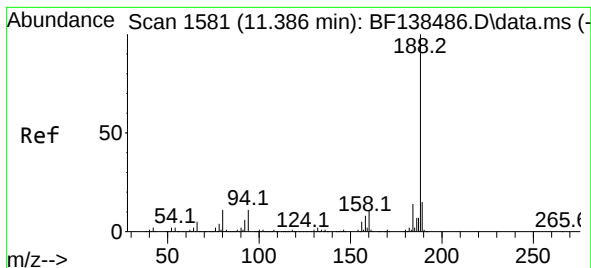
Ion Ratio Lower Upper

172 100

171 35.1 28.9 43.3

170 23.8 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: BF138520.D

Acq: 11 Jul 2024 13:39

Instrument :

BNA_F

ClientSampleId :

N28660

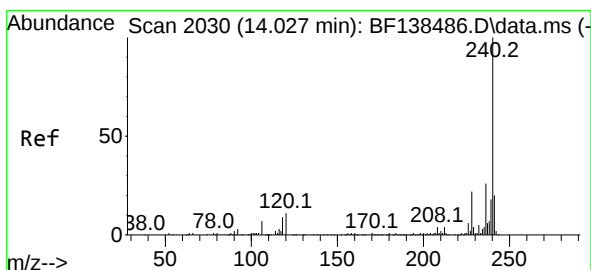
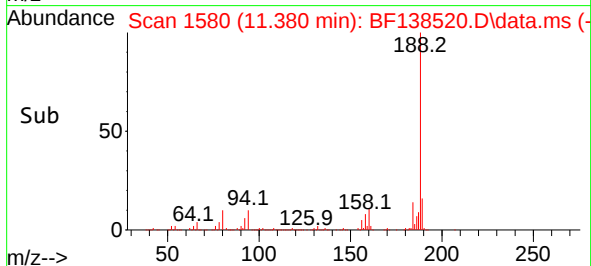
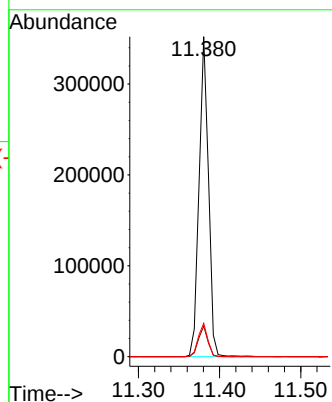
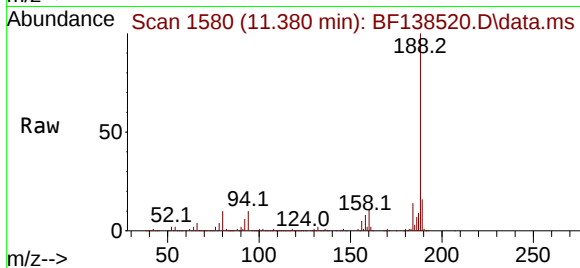
Tgt Ion:188 Resp: 284472

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

80 10.5 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: BF138520.D

Acq: 11 Jul 2024 13:39

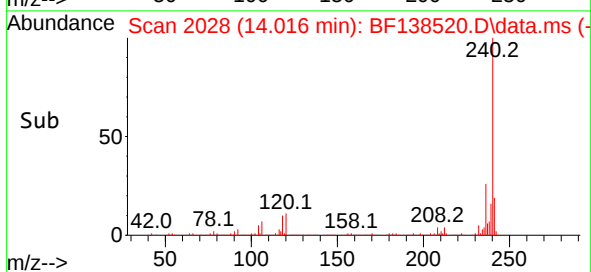
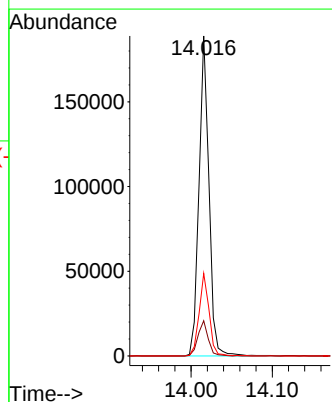
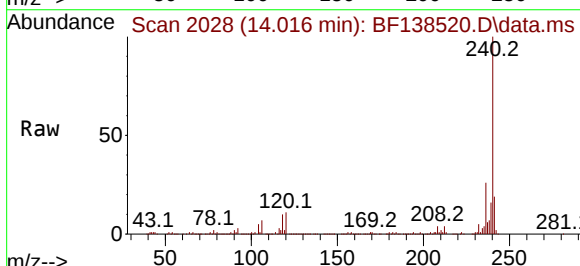
Tgt Ion:240 Resp: 161729

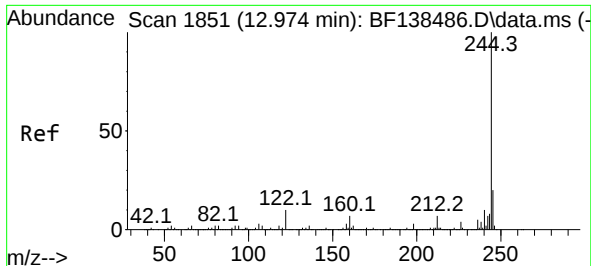
Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 25.8 21.0 31.6

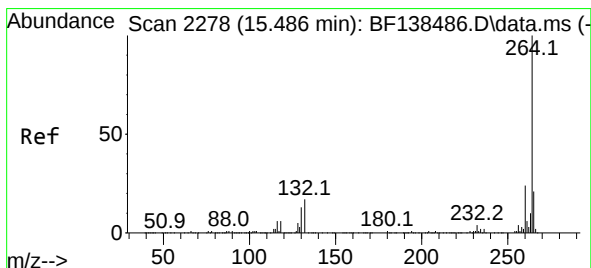
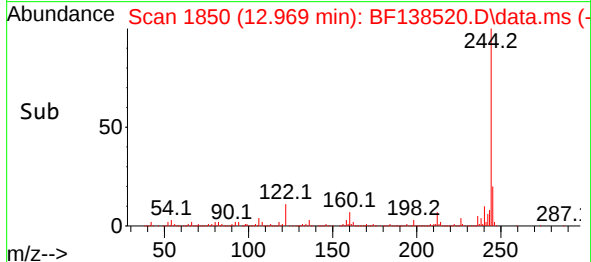
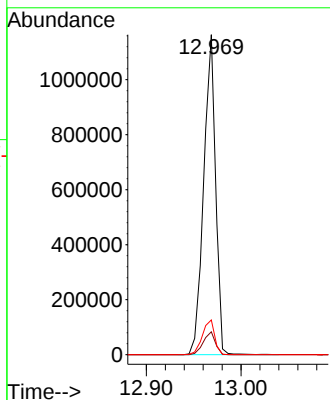
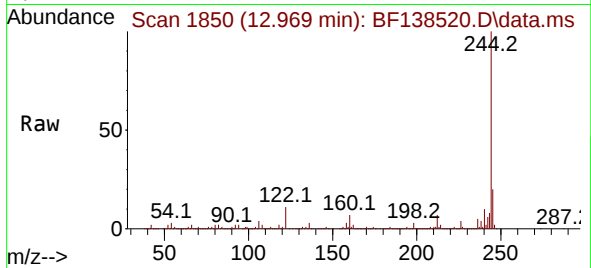




#79
 Terphenyl-d14
 Concen: 102.528 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

Instrument :
 BNA_F
 ClientSampleId :
 N28660

Tgt Ion:244 Resp: 1017838
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138520.D
 Acq: 11 Jul 2024 13:39

Tgt Ion:264 Resp: 137482
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.3 17.0 25.4

