

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138519.D
 Acq On : 11 Jul 2024 12:57
 Operator : CG\JU
 Sample : PB161973TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161973TB

Quant Time: Jul 11 13:50:33 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	94717	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	382675	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	220128	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	401799	20.000	ng	# 0.00
76) Chrysene-d12	14.022	240	266549	20.000	ng	0.00
86) Perylene-d12	15.486	264	204485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	859100	143.649	ng	0.01
7) Phenol-d6	6.504	99	1127028	141.660	ng	0.00
23) Nitrobenzene-d5	7.428	82	750420	96.280	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	294125	142.965	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1343855	95.413	ng	0.00
79) Terphenyl-d14	12.975	244	1503228	91.876	ng	0.00

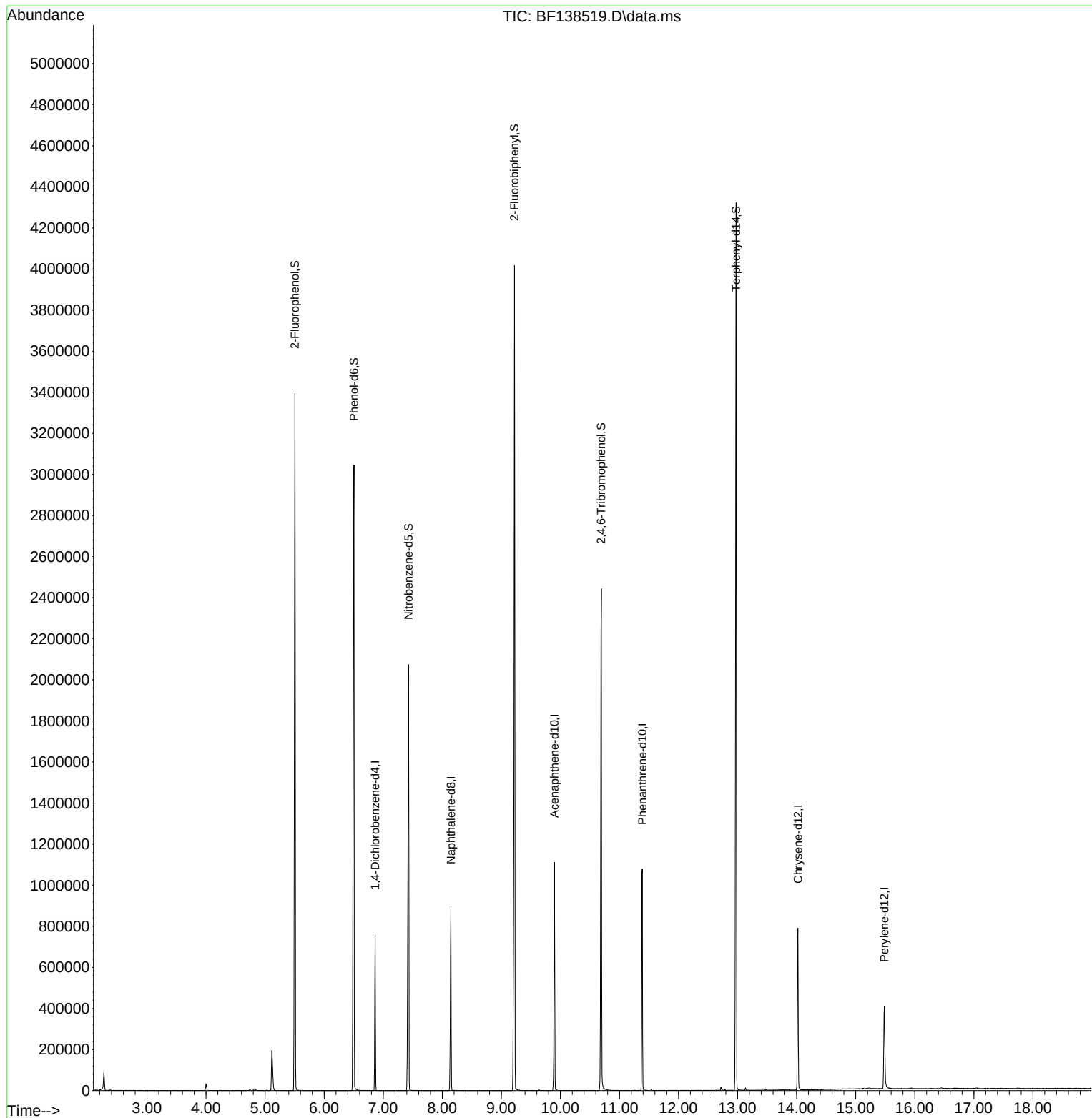
Target Compounds	Qvalue

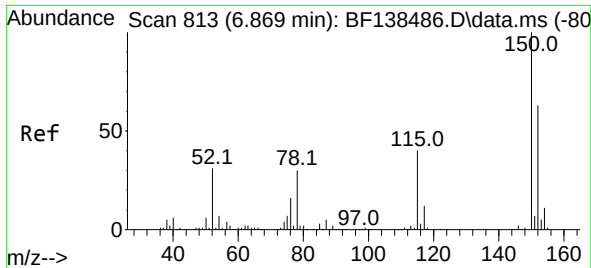
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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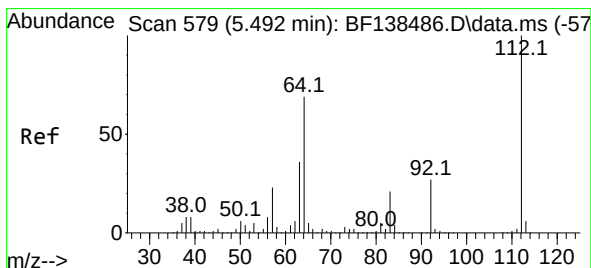
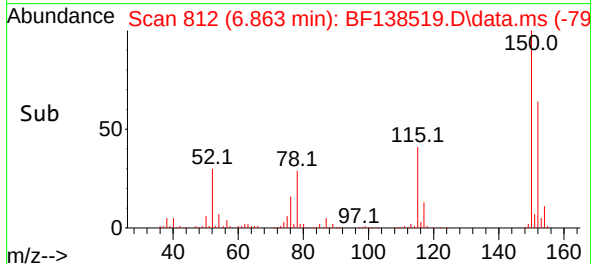
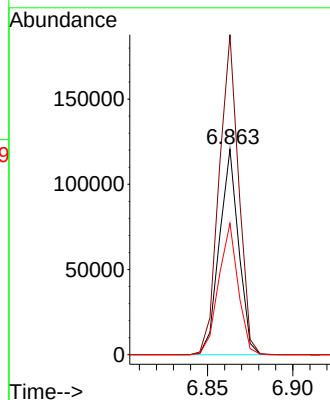
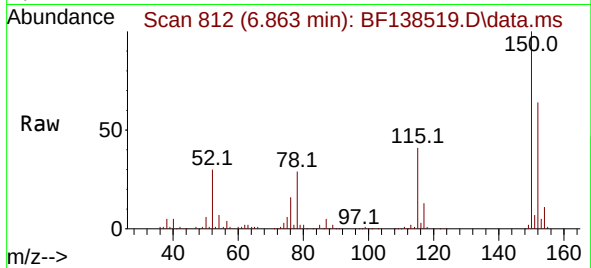




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

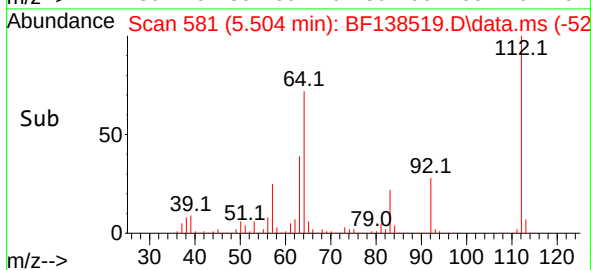
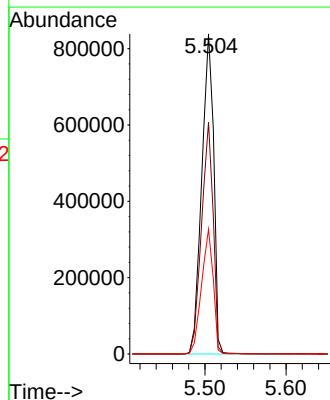
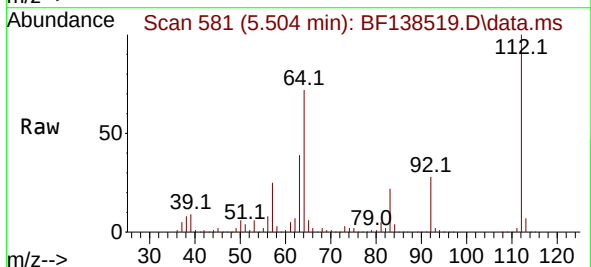
Instrument :
BNA_F
ClientSampleId :
PB161973TB

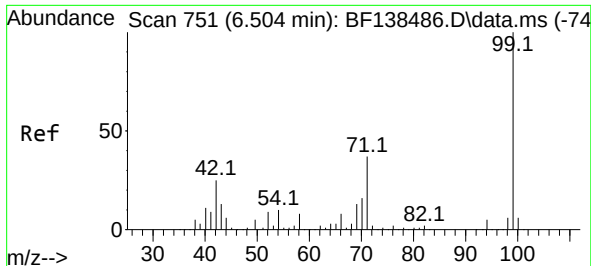
Tgt Ion:152 Resp: 94717
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.4
115 64.0 50.3 75.5



#5
2-Fluorophenol
Concen: 143.649 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

Tgt Ion:112 Resp: 859100
Ion Ratio Lower Upper
112 100
64 72.4 55.1 82.7
63 39.0 29.0 43.6





#7

Phenol-d6

Concen: 141.660 ng

RT: 6.504 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF138519.D

Acq: 11 Jul 2024 12:57

Instrument :

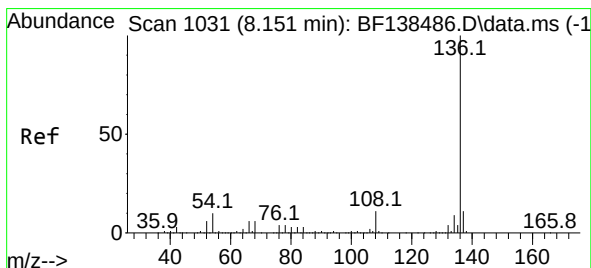
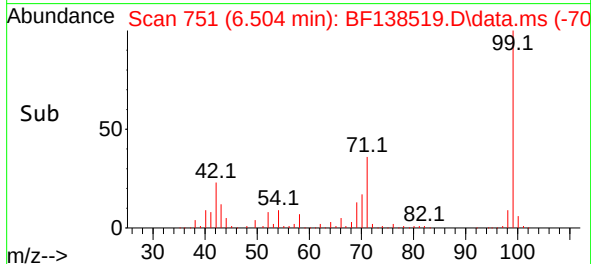
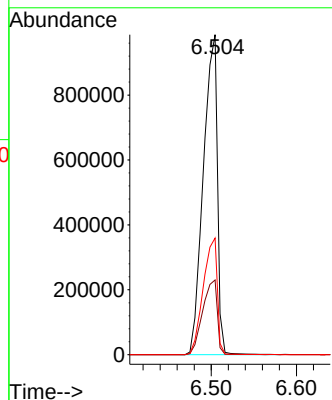
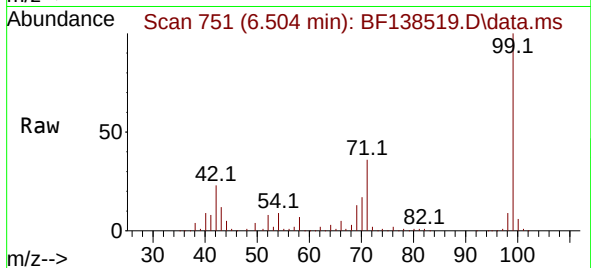
BNA_F

ClientSampleId :

PB161973TB

Tgt Ion: 99 Resp: 1127028

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.7	29.5
71	36.4	29.9	44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

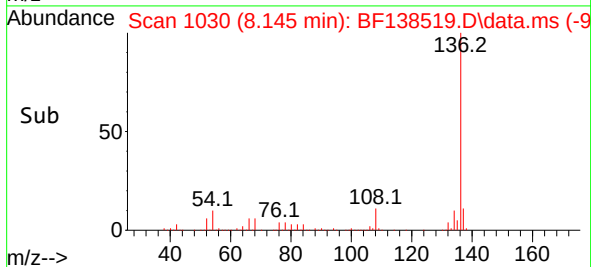
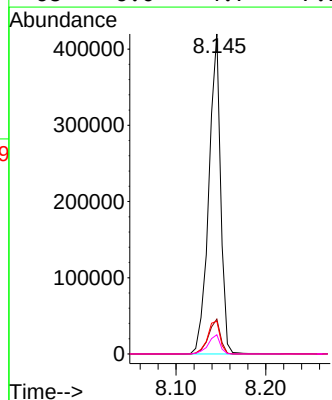
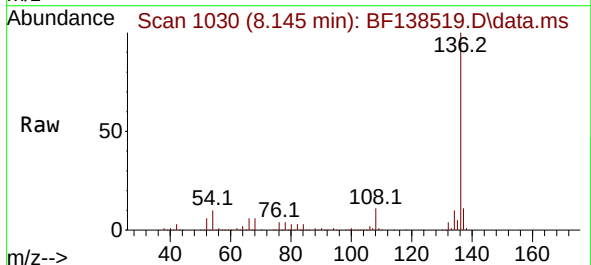
Delta R.T. -0.006 min

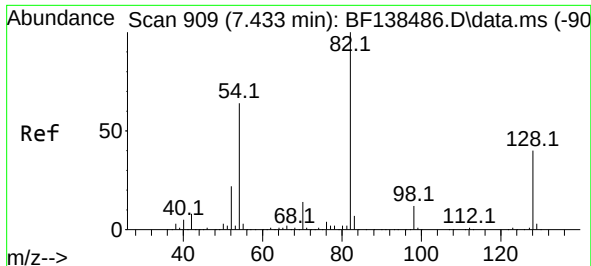
Lab File: BF138519.D

Acq: 11 Jul 2024 12:57

Tgt Ion: 136 Resp: 382675

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	8.1	12.1
68	6.0	4.7	7.1

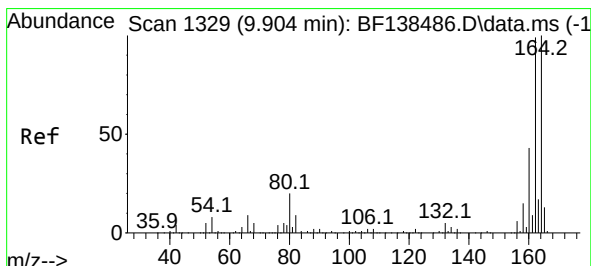
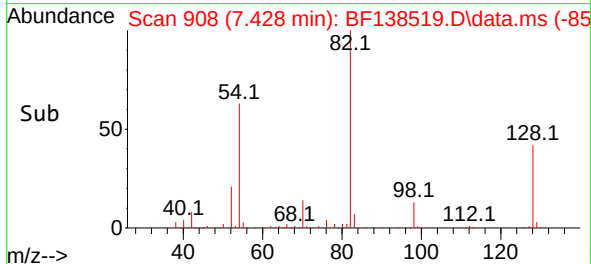
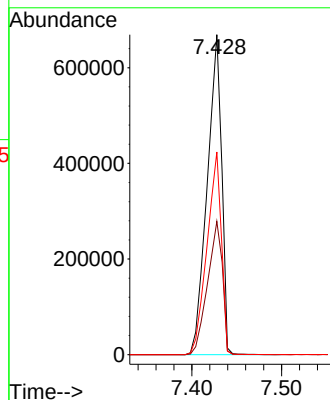
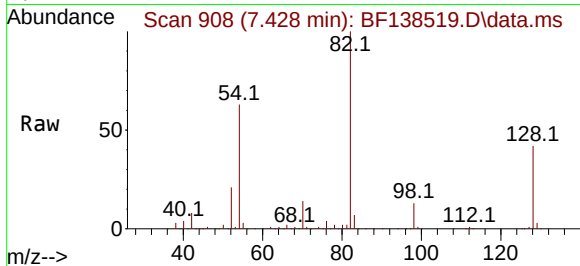




#23
Nitrobenzene-d5
Concen: 96.280 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

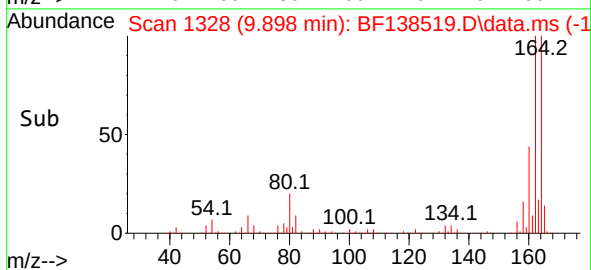
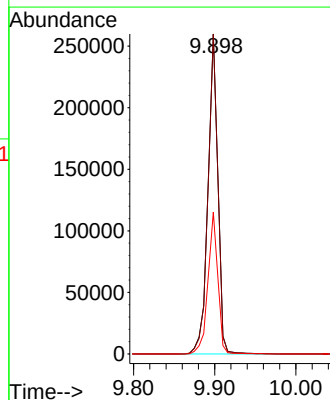
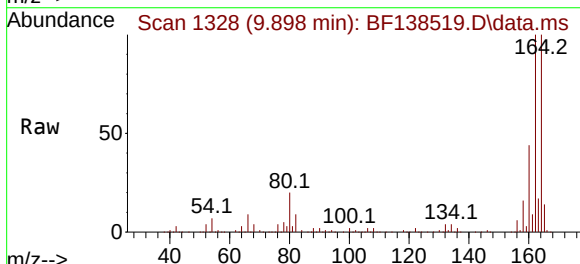
Instrument :
BNA_F
ClientSampleId :
PB161973TB

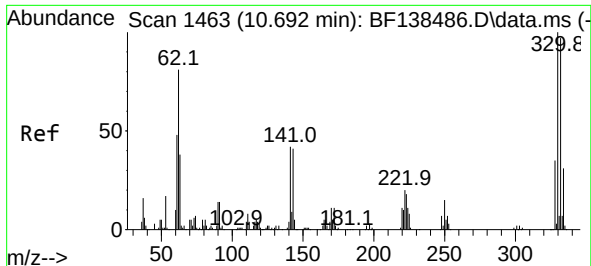
Tgt Ion: 82 Resp: 750420
Ion Ratio Lower Upper
82 100
128 41.7 32.3 48.5
54 63.4 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

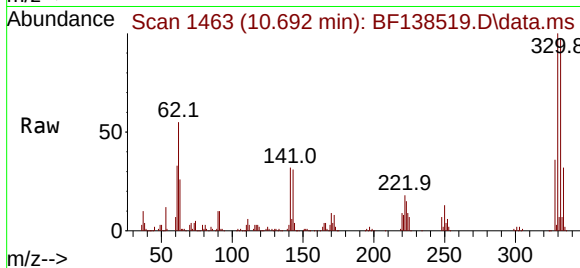
Tgt Ion:164 Resp: 220128
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.4 34.4 51.6



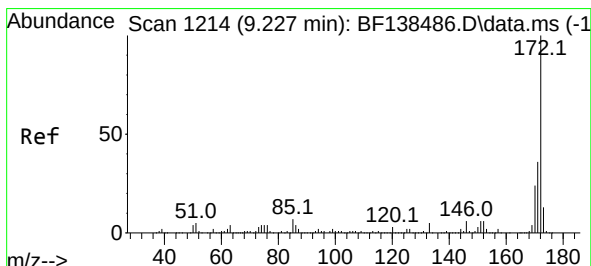
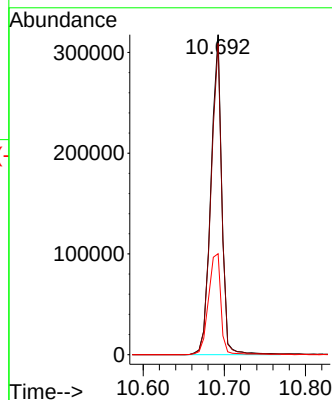
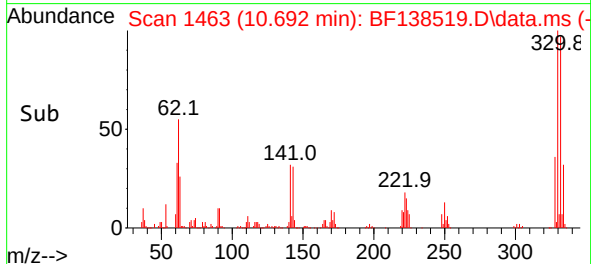


#42
2,4,6-Tribromophenol
Concen: 142.965 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB161973TB

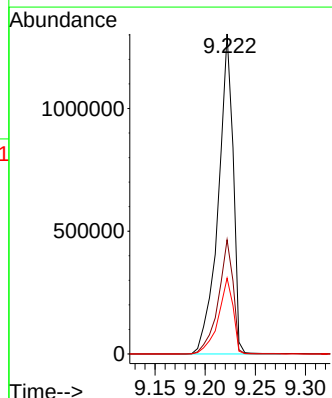
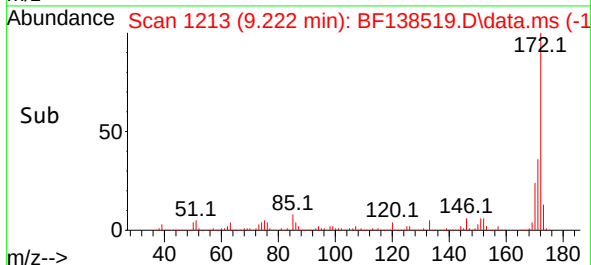
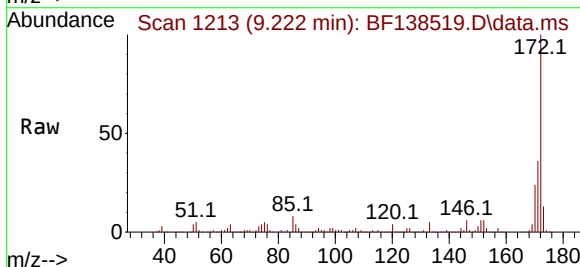


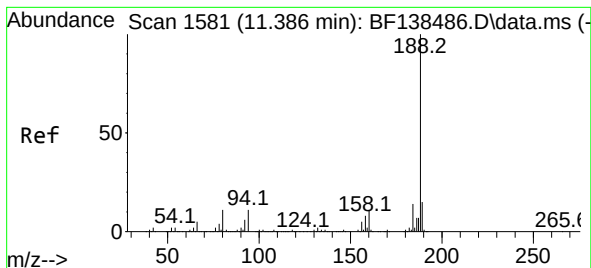
Tgt Ion:330 Resp: 294125
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 36.3 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 95.413 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138519.D
Acq: 11 Jul 2024 12:57

Tgt Ion:172 Resp: 1343855
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.7 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: BF138519.D

Acq: 11 Jul 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB161973TB

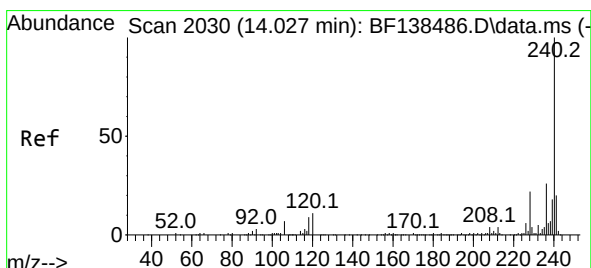
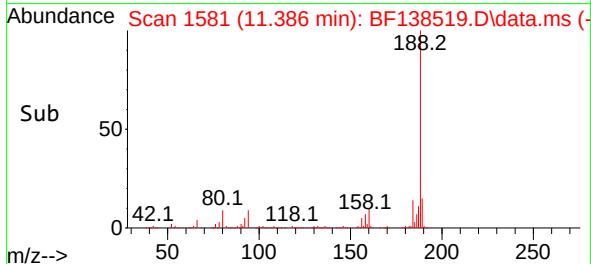
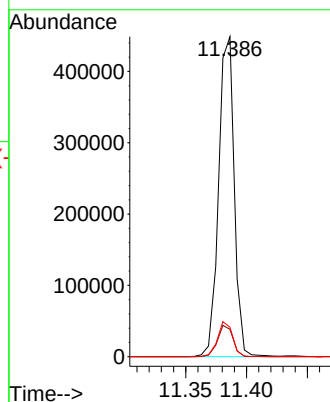
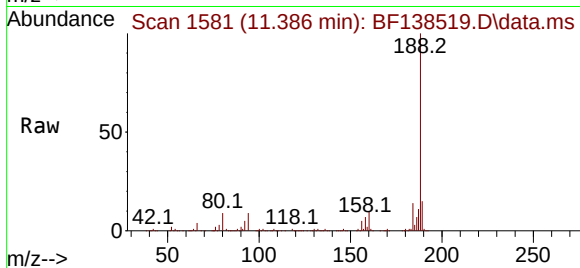
Tgt Ion:188 Resp: 401799

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

80 9.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138519.D

Acq: 11 Jul 2024 12:57

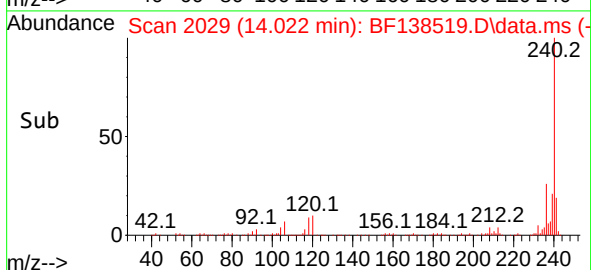
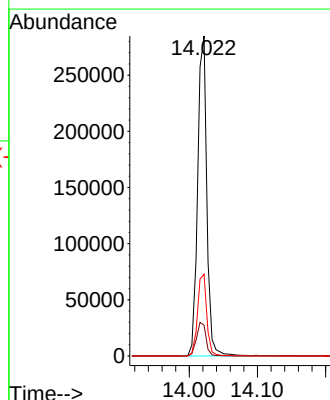
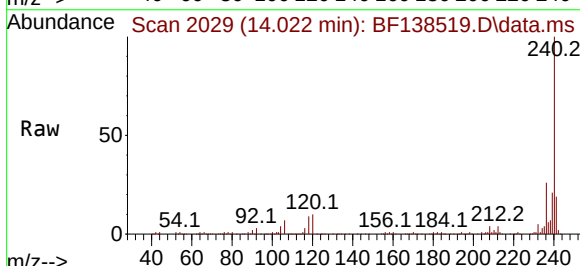
Tgt Ion:240 Resp: 266549

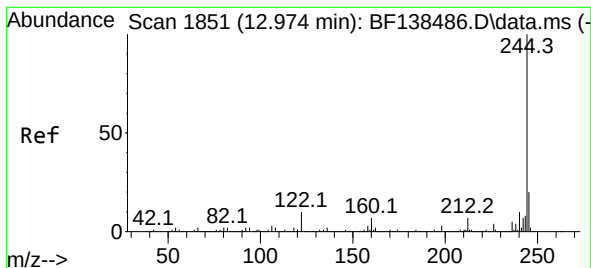
Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 25.5 21.0 31.6





#79

Terphenyl-d14

Concen: 91.876 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138519.D

Acq: 11 Jul 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB161973TB

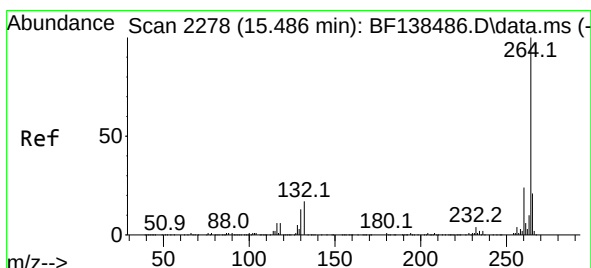
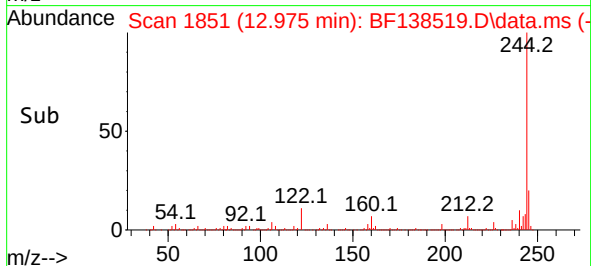
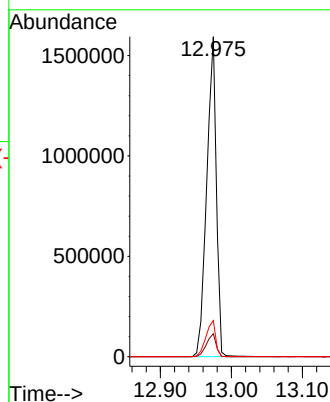
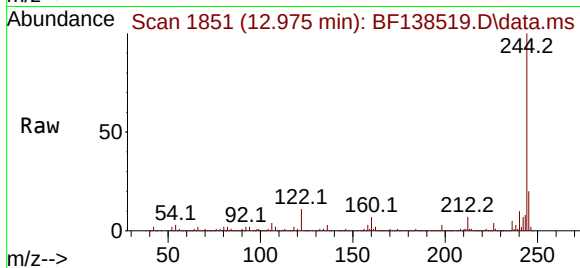
Tgt Ion:244 Resp: 1503228

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.3 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: BF138519.D

Acq: 11 Jul 2024 12:57

Tgt Ion:264 Resp: 204485

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.1 17.0 25.4

