

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
 Data File : BF138126.D
 Acq On : 05 Jun 2024 18:06
 Operator : CG\JU
 Sample : PB161196BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

Quant Time: Jun 06 05:44:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	470723	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1827375	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	1077845	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1977746	20.000	ng	0.00
76) Chrysene-d12	14.063	240	1276862	20.000	ng	0.00
86) Perylene-d12	15.539	264	738275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	3504019	126.862	ng	0.02
7) Phenol-d6	6.534	99	4209960	120.468	ng	0.00
23) Nitrobenzene-d5	7.469	82	2644363	98.456	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1411659	136.091	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	5138416	83.358	ng	0.00
79) Terphenyl-d14	13.022	244	6135046	71.867	ng	0.00

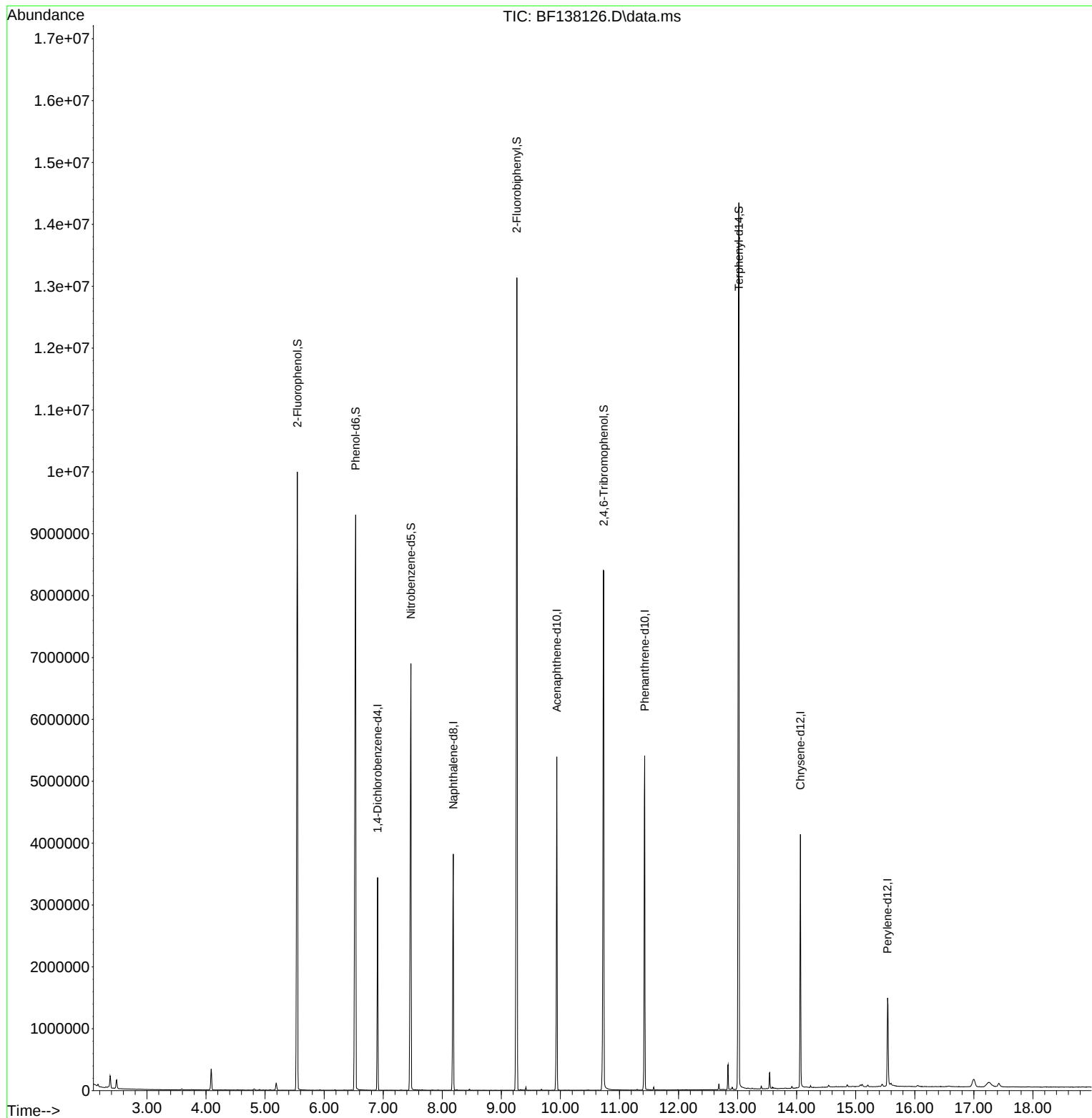
Target Compounds	Qvalue

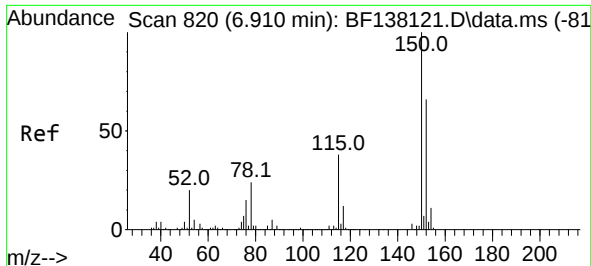
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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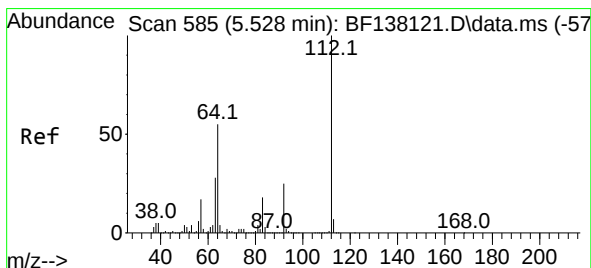
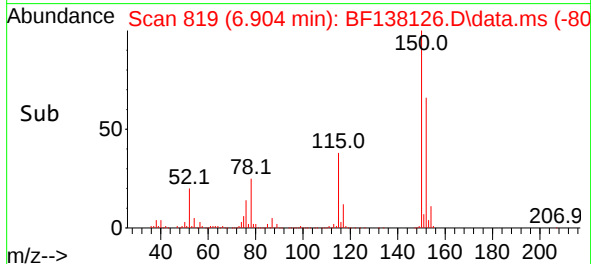
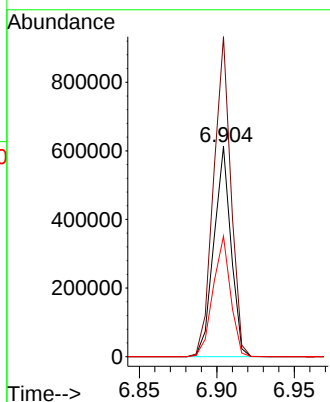
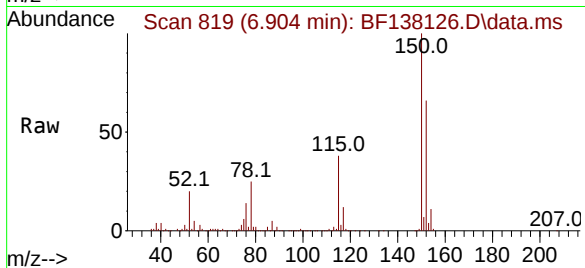




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138126.D
 Acq: 05 Jun 2024 18:06

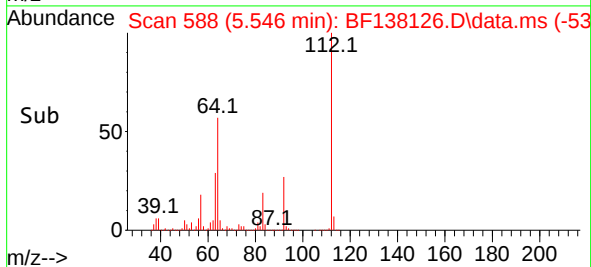
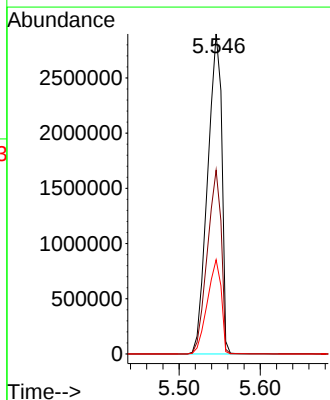
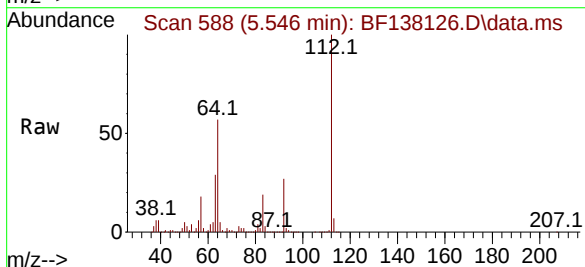
Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

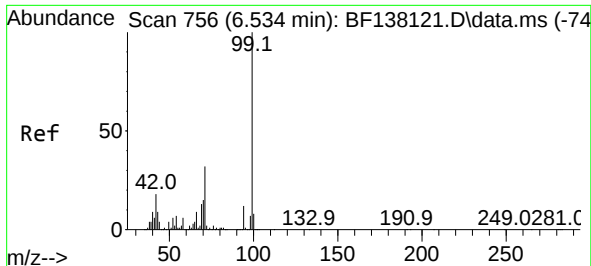
Tgt Ion:152 Resp: 470723
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.8 182.6
 115 57.3 46.2 69.2



#5
 2-Fluorophenol
 Concen: 126.862 ng
 RT: 5.546 min Scan# 588
 Delta R.T. 0.018 min
 Lab File: BF138126.D
 Acq: 05 Jun 2024 18:06

Tgt Ion:112 Resp: 3504019
 Ion Ratio Lower Upper
 112 100
 64 57.5 44.0 66.0
 63 29.4 22.1 33.1

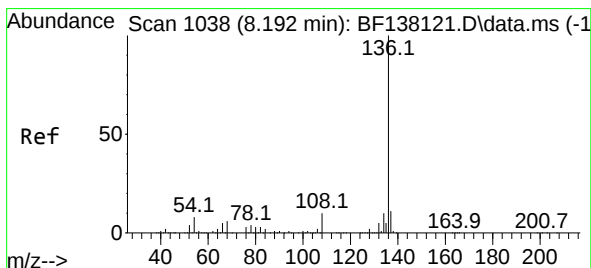
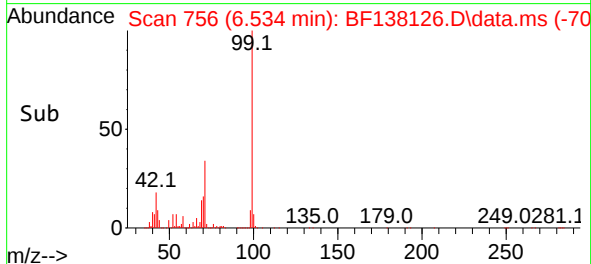
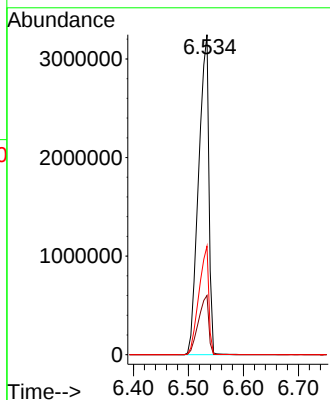
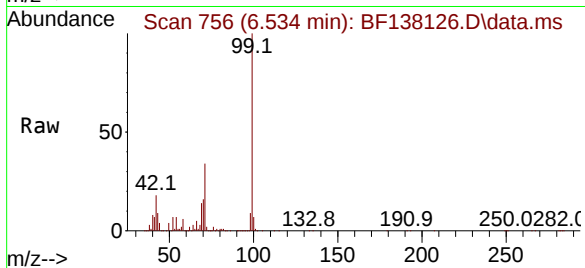




#7
Phenol-d6
Concen: 120.468 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138126.D
Acq: 05 Jun 2024 18:06

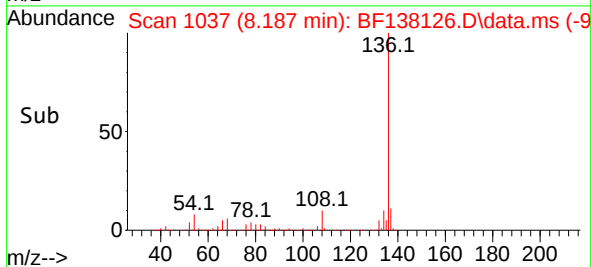
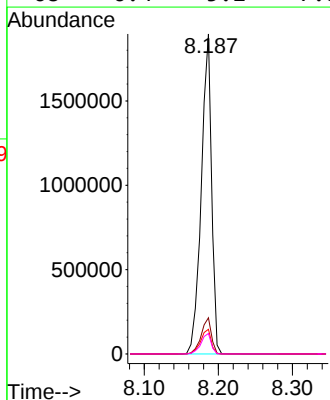
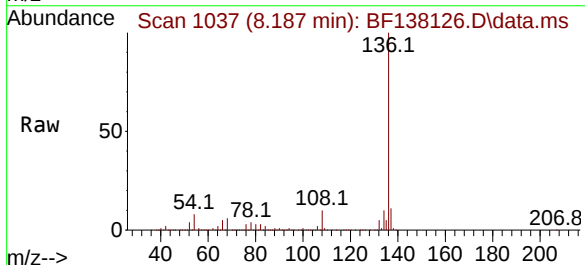
Instrument :
BNA_F
ClientSampleId :
PB161196BL

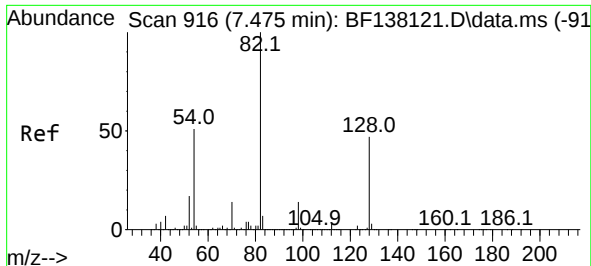
Tgt Ion: 99 Resp: 4209960
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 33.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138126.D
Acq: 05 Jun 2024 18:06

Tgt Ion: 136 Resp: 1827375
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.2 9.2
68 6.4 5.2 7.8

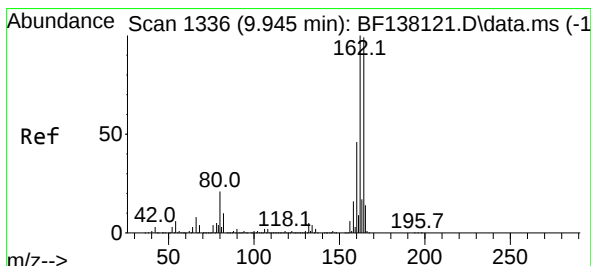
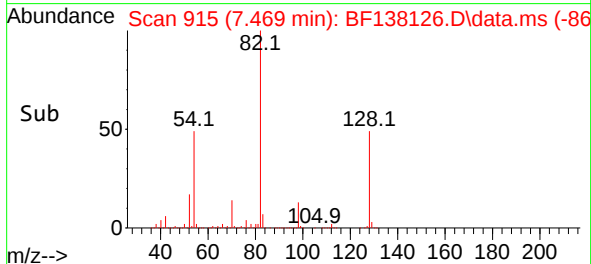
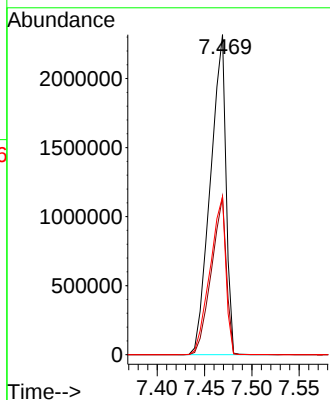
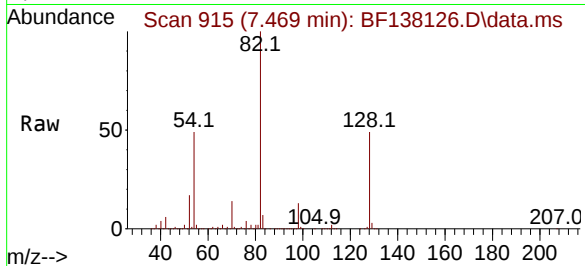




#23
Nitrobenzene-d5
Concen: 98.456 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138126.D
Acq: 05 Jun 2024 18:06

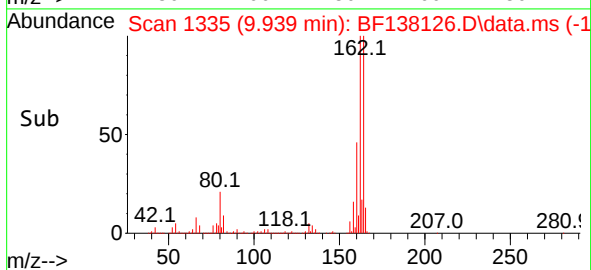
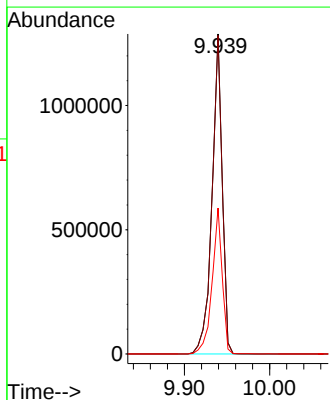
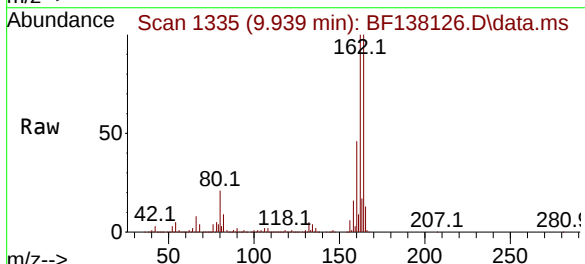
Instrument :
BNA_F
ClientSampleId :
PB161196BL

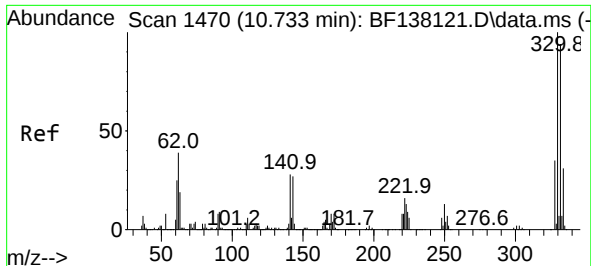
Tgt Ion: 82 Resp: 2644363
Ion Ratio Lower Upper
82 100
128 49.4 37.7 56.5
54 49.4 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138126.D
Acq: 05 Jun 2024 18:06

Tgt Ion:164 Resp: 1077845
Ion Ratio Lower Upper
164 100
162 99.6 80.9 121.3
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 136.091 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

PB161196BL

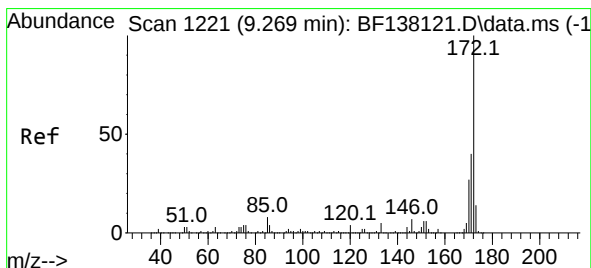
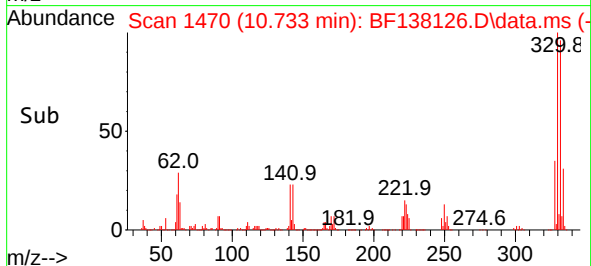
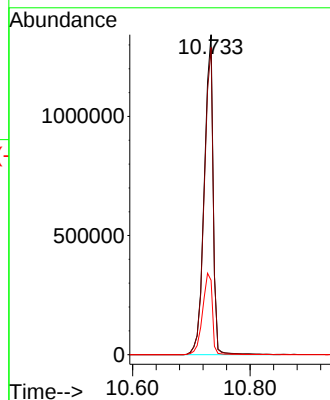
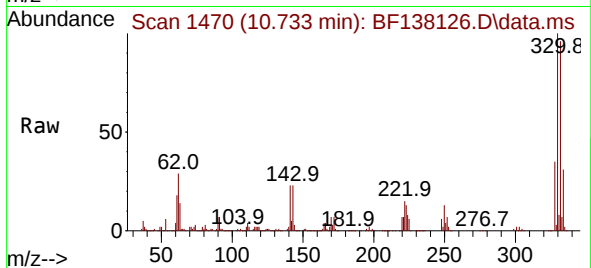
Tgt Ion:330 Resp: 1411659

Ion Ratio Lower Upper

330 100

332 96.9 75.8 113.8

141 28.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 83.358 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

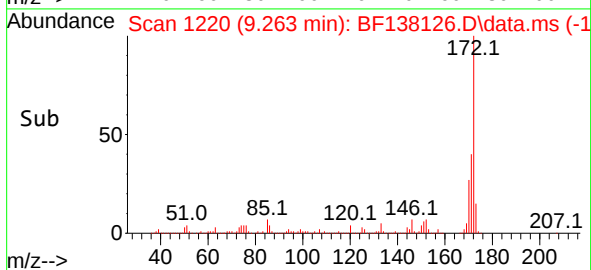
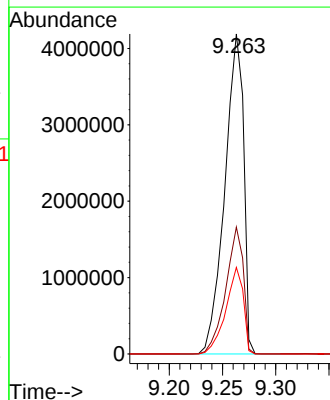
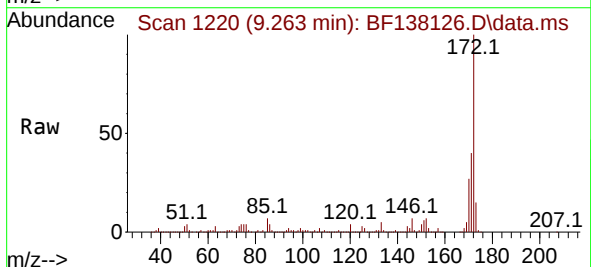
Tgt Ion:172 Resp: 5138416

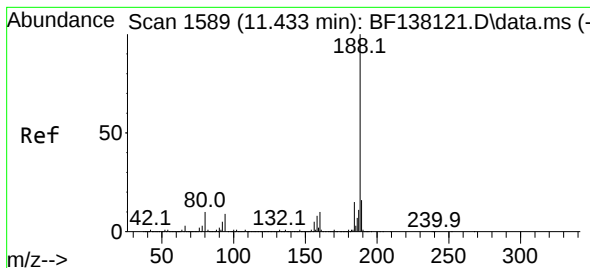
Ion Ratio Lower Upper

172 100

171 39.7 31.6 47.4

170 27.0 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

PB161196BL

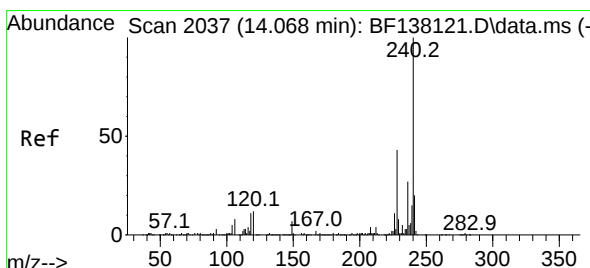
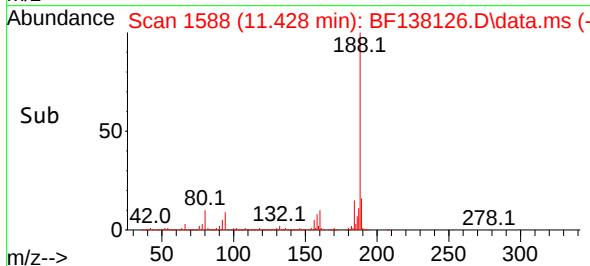
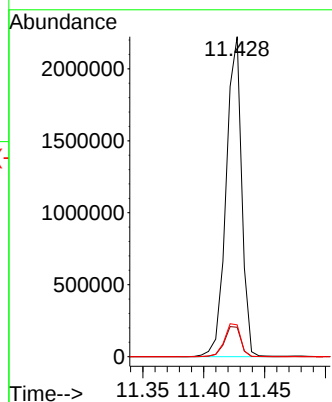
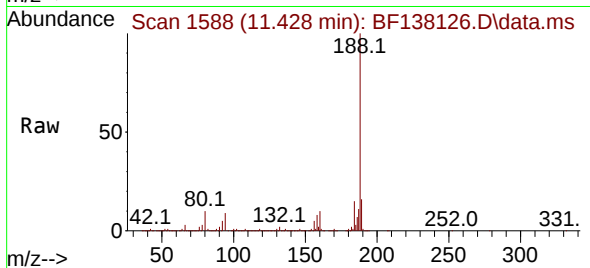
Tgt Ion:188 Resp: 1977746

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

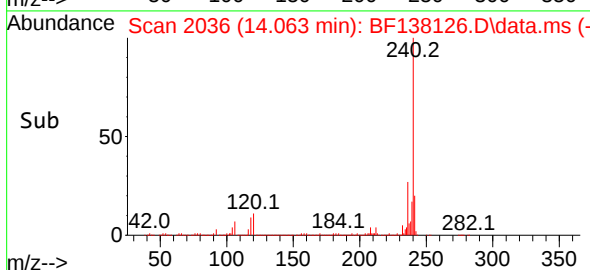
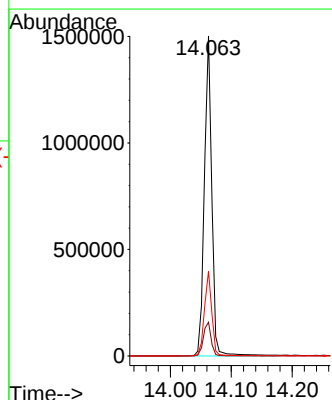
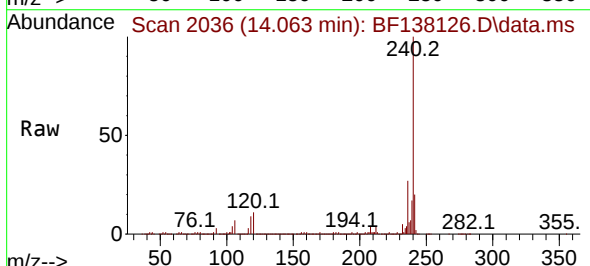
Tgt Ion:240 Resp: 1276862

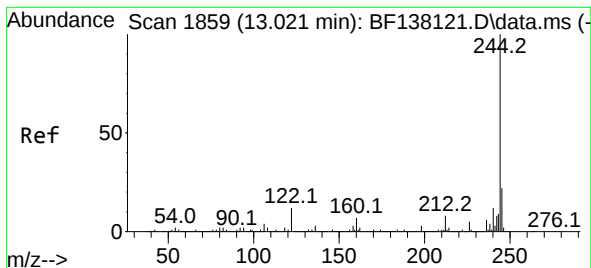
Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 71.867 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

PB161196BL

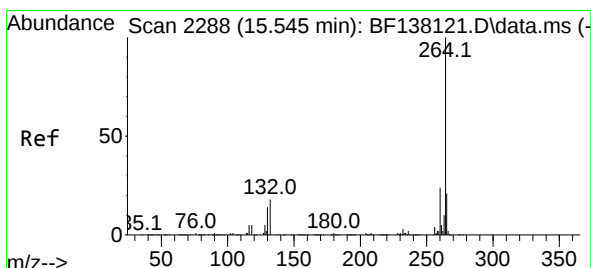
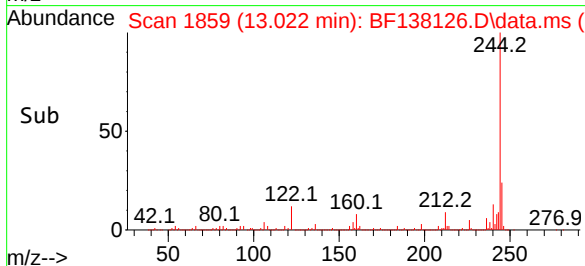
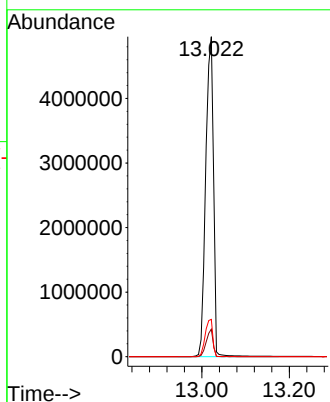
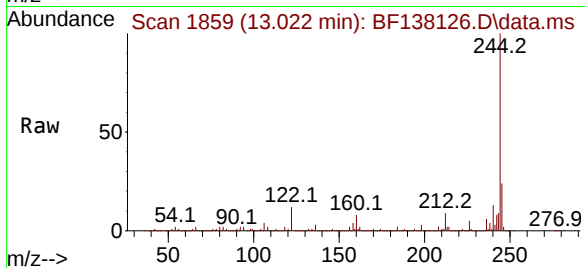
Tgt Ion:244 Resp: 6135046

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

122 11.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF138126.D

Acq: 05 Jun 2024 18:06

Tgt Ion:264 Resp: 738275

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.0 17.1 25.7

