

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138150.D
 Acq On : 07 Jun 2024 10:05
 Operator : CG\JU
 Sample : PB161296TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161296TB

Quant Time: Jun 07 11:13:41 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	409059	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1586702	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	900731	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1690235	20.000	ng	0.00
76) Chrysene-d12	14.062	240	1095422	20.000	ng	0.00
86) Perylene-d12	15.545	264	720572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	2956880	123.191	ng	0.01
7) Phenol-d6	6.534	99	3601657	118.598	ng	0.00
23) Nitrobenzene-d5	7.469	82	2211648	94.835	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1214500	140.107	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4405648	85.524	ng	0.00
79) Terphenyl-d14	13.021	244	5353653	73.101	ng	0.00

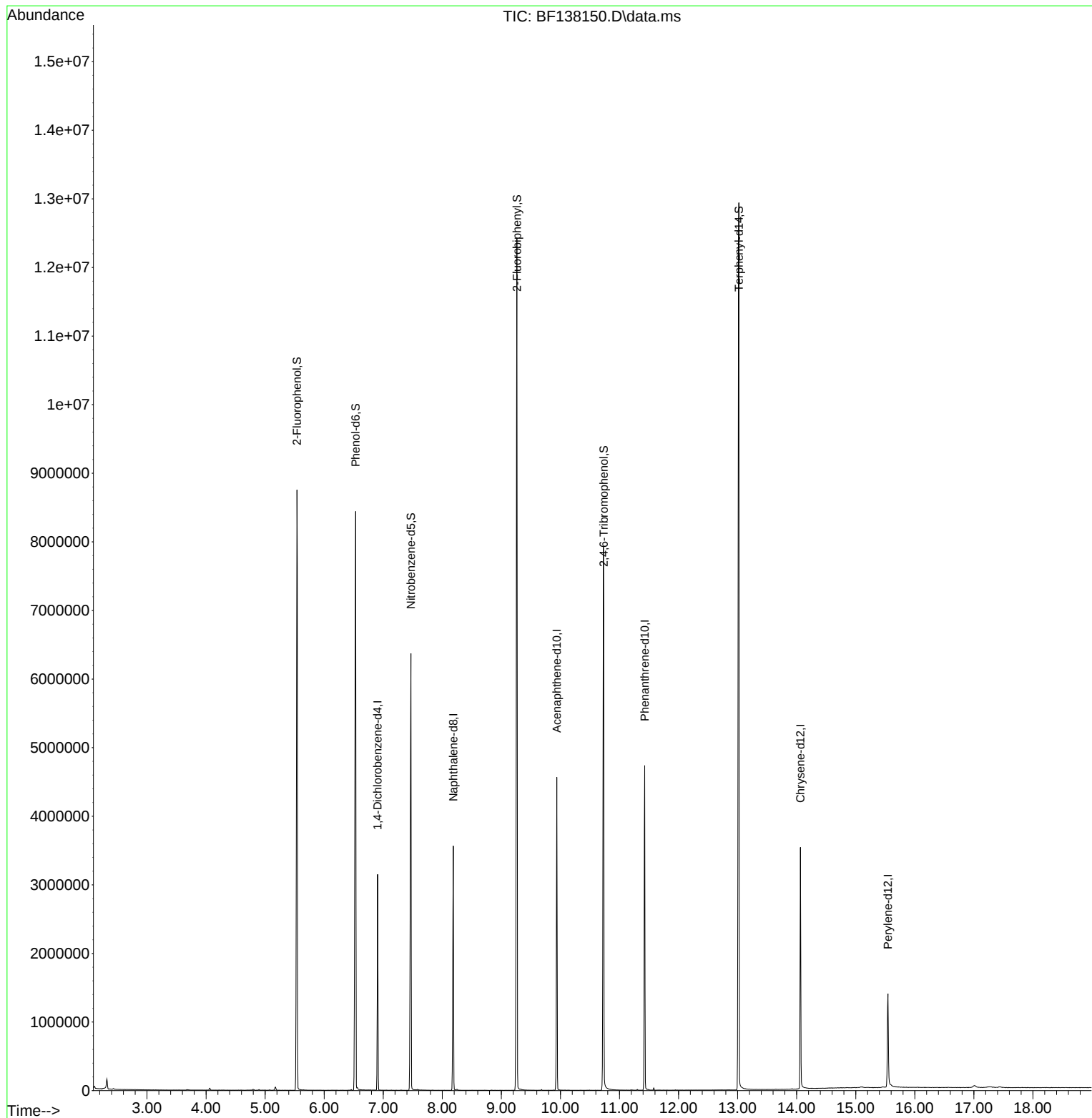
Target Compounds	Qvalue

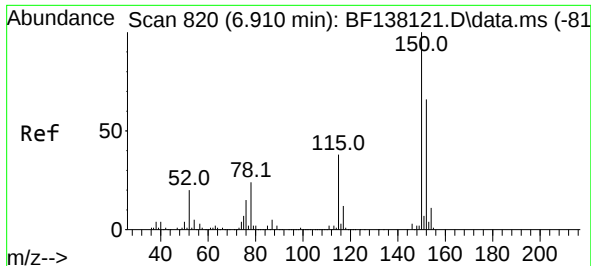
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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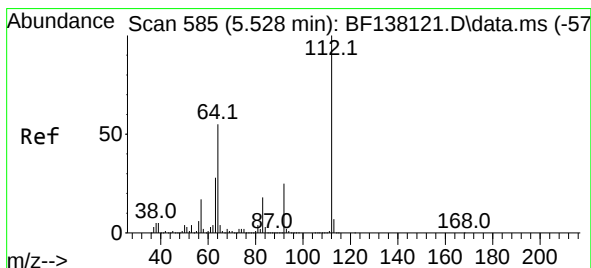
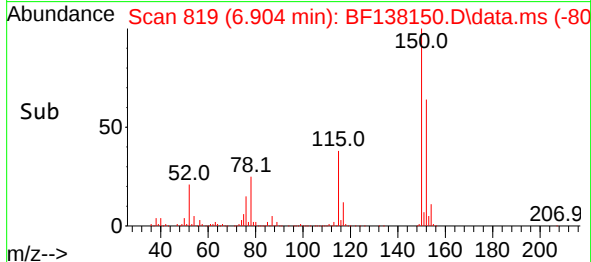
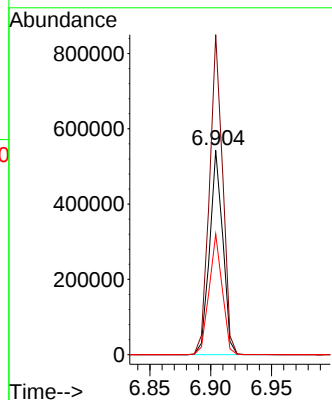
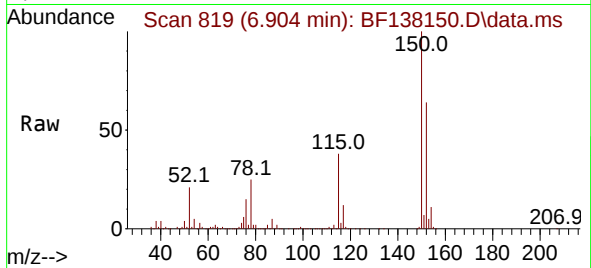




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138150.D
 Acq: 07 Jun 2024 10:05

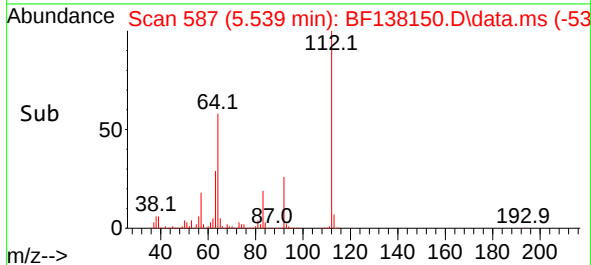
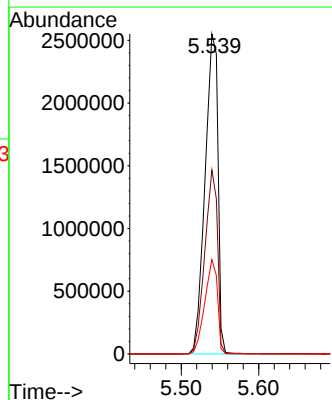
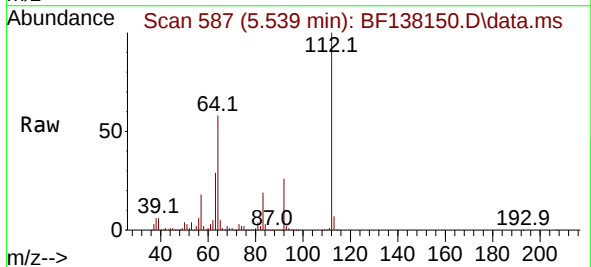
Instrument :
 BNA_F
 ClientSampleId :
 PB161296TB

Tgt Ion:152 Resp: 409059
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.8 182.6
 115 59.1 46.2 69.2



#5
 2-Fluorophenol
 Concen: 123.191 ng
 RT: 5.539 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138150.D
 Acq: 07 Jun 2024 10:05

Tgt Ion:112 Resp: 2956880
 Ion Ratio Lower Upper
 112 100
 64 57.5 44.0 66.0
 63 29.5 22.1 33.1

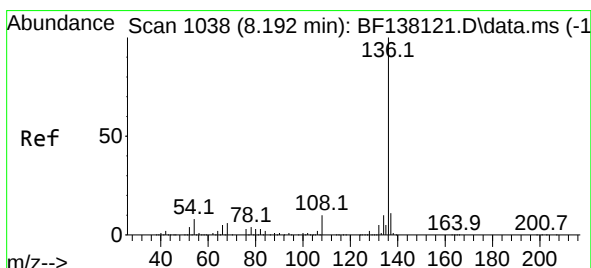
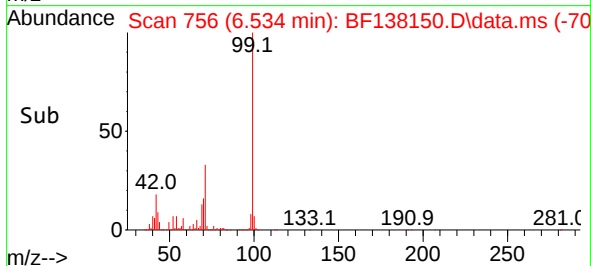
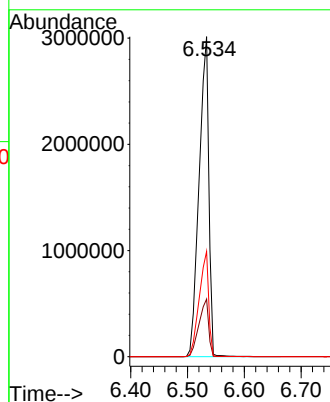
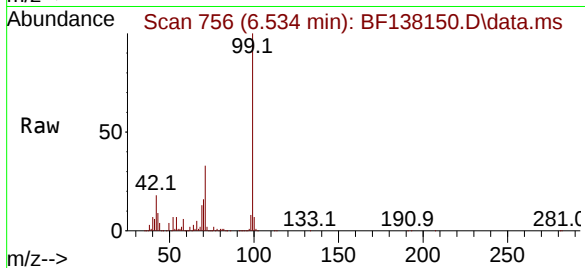




#7
Phenol-d6
Concen: 118.598 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

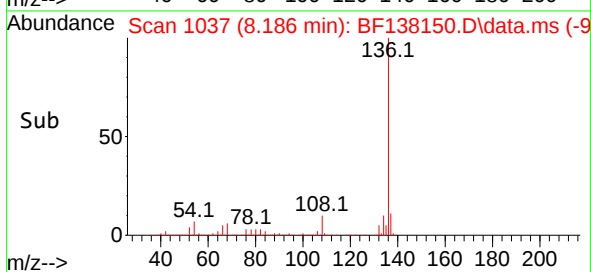
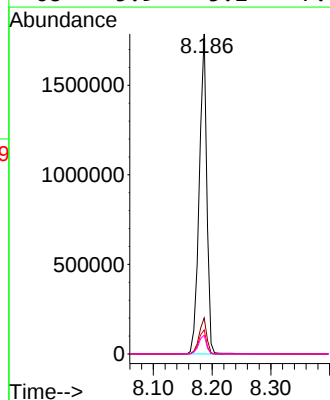
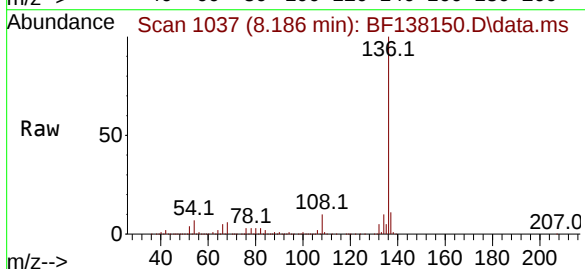
Instrument :
BNA_F
ClientSampleId :
PB161296TB

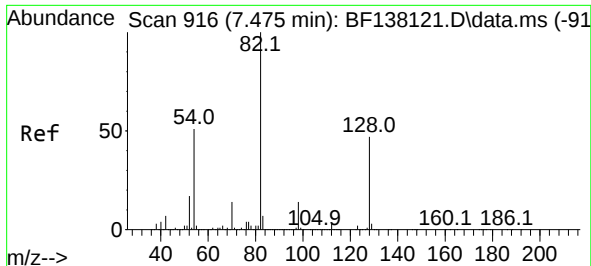
Tgt Ion: 99 Resp: 3601657
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 32.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

Tgt Ion:136 Resp: 1586702
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 6.2 9.2
68 5.9 5.2 7.8

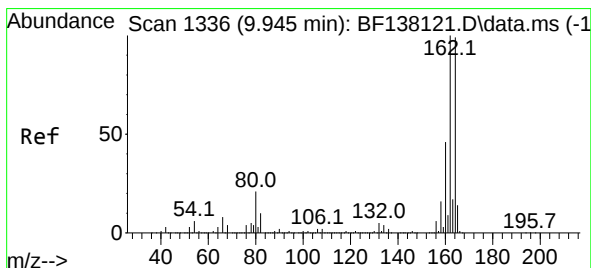
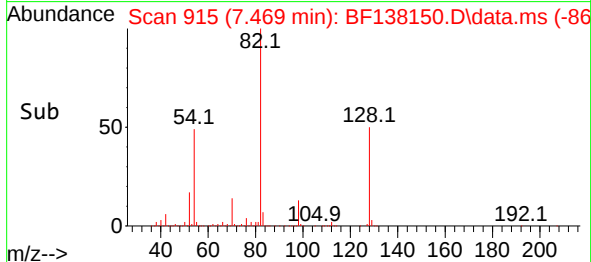
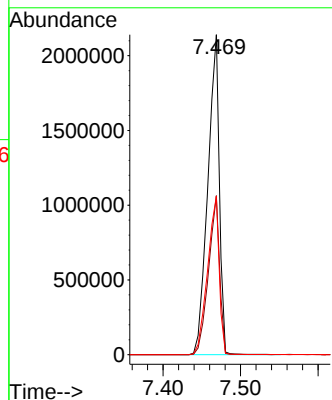
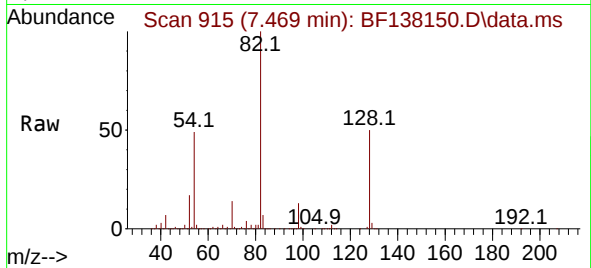




#23
Nitrobenzene-d5
Concen: 94.835 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

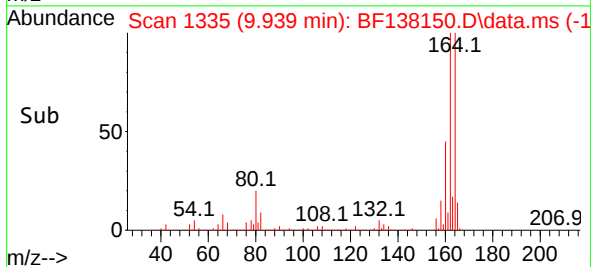
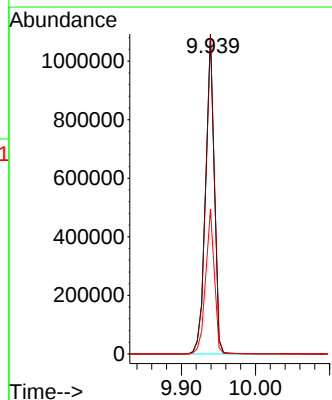
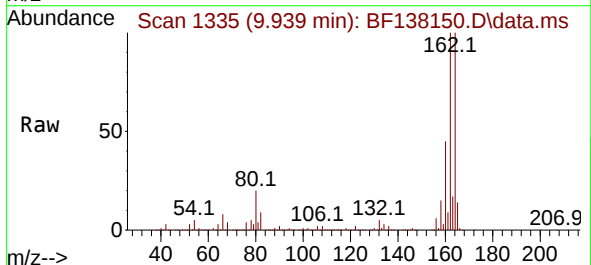
Instrument :
BNA_F
ClientSampleId :
PB161296TB

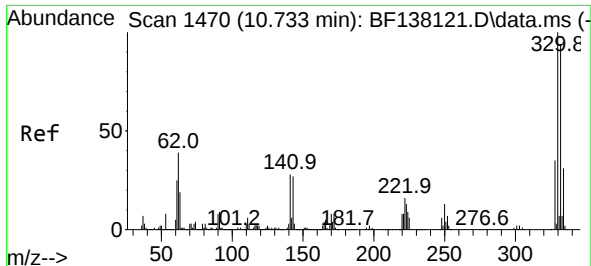
Tgt Ion: 82 Resp: 2211648
Ion Ratio Lower Upper
82 100
128 49.7 37.7 56.5
54 49.5 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

Tgt Ion: 164 Resp: 900731
Ion Ratio Lower Upper
164 100
162 99.7 80.9 121.3
160 45.3 37.0 55.6

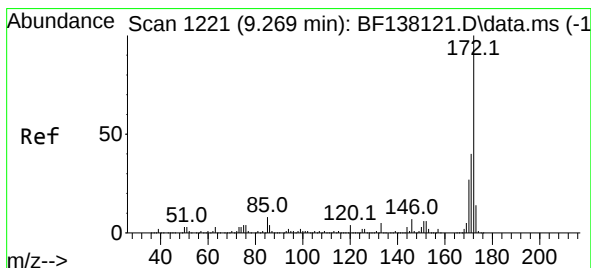
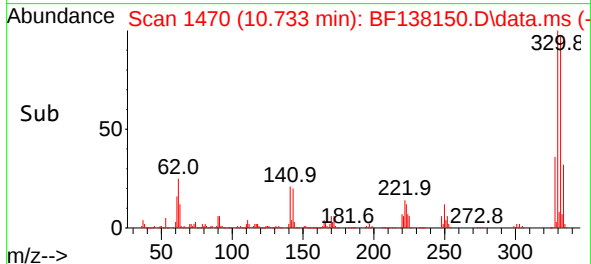
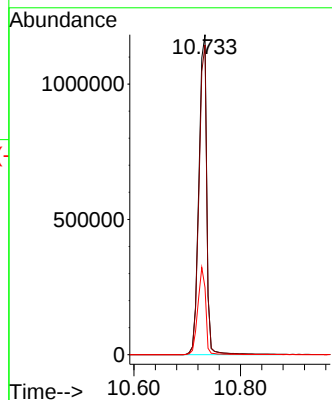
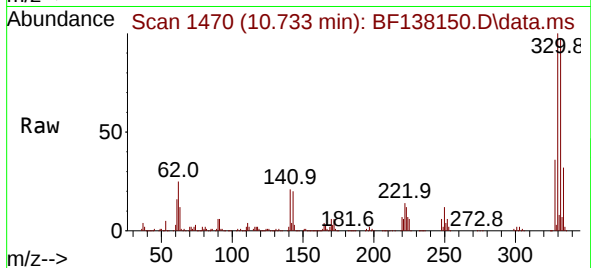




#42
2,4,6-Tribromophenol
Concen: 140.107 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

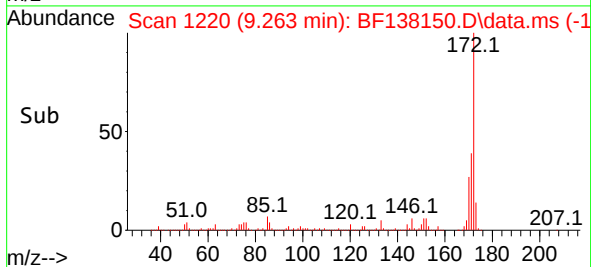
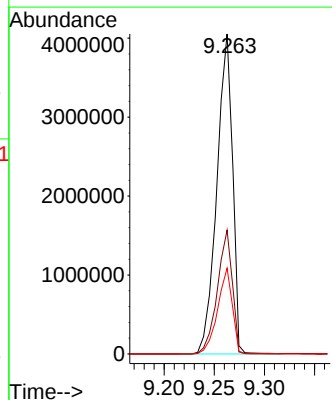
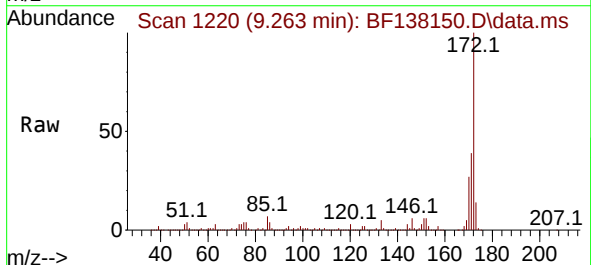
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BNA_F
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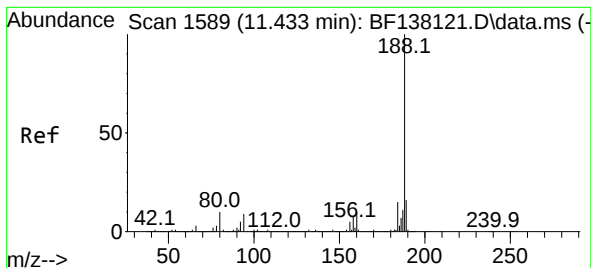
Tgt Ion:330 Resp: 1214500
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 27.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 85.524 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138150.D
Acq: 07 Jun 2024 10:05

Tgt Ion:172 Resp: 4405648
Ion Ratio Lower Upper
172 100
171 38.7 31.6 47.4
170 26.8 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138150.D

Acq: 07 Jun 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB161296TB

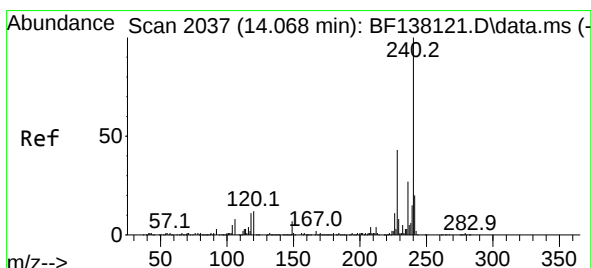
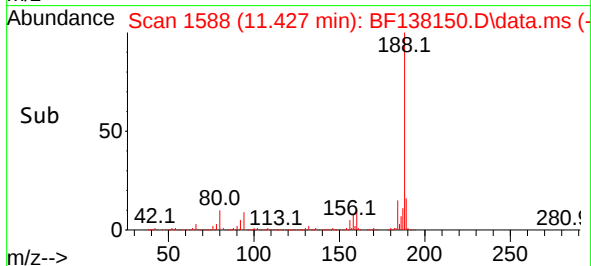
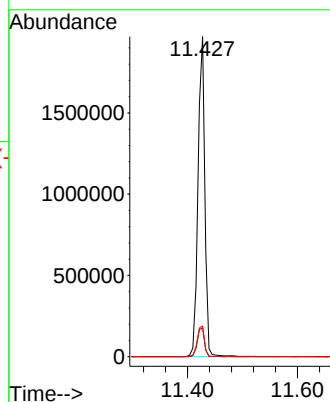
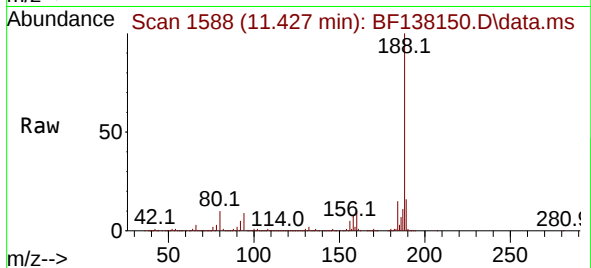
Tgt Ion:188 Resp: 1690235

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF138150.D

Acq: 07 Jun 2024 10:05

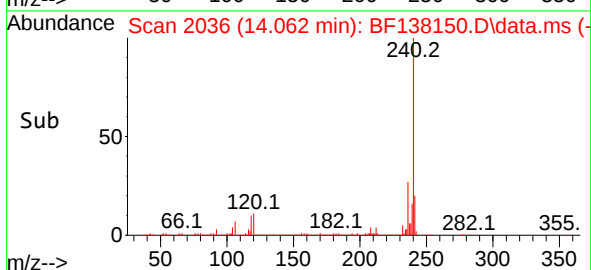
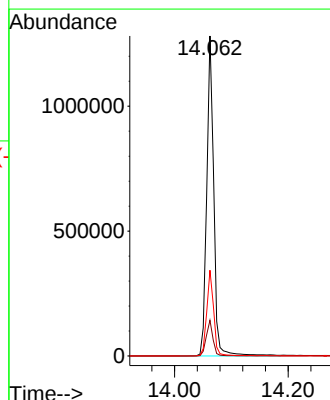
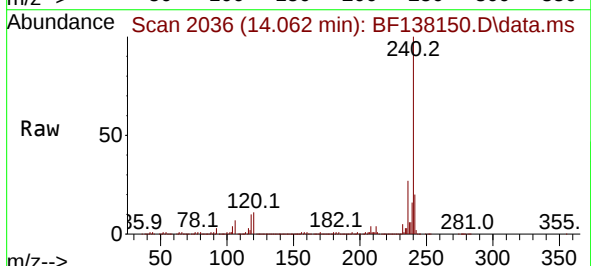
Tgt Ion:240 Resp: 1095422

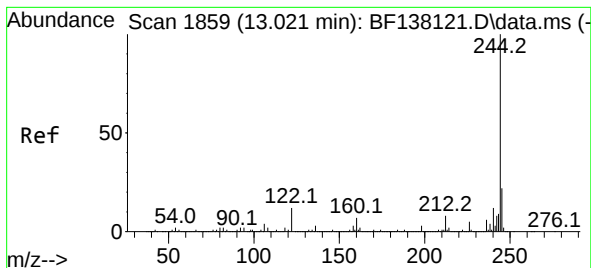
Ion Ratio Lower Upper

240 100

120 11.2 9.8 14.8

236 26.8 21.2 31.8





#79

Terphenyl-d14

Concen: 73.101 ng

RT: 13.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138150.D

Acq: 07 Jun 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB161296TB

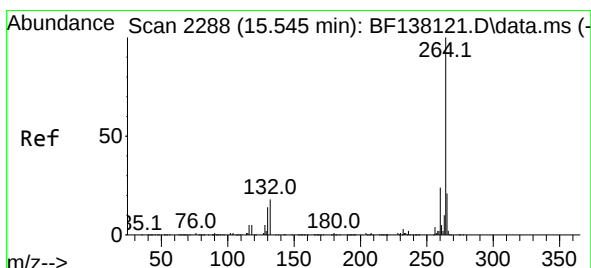
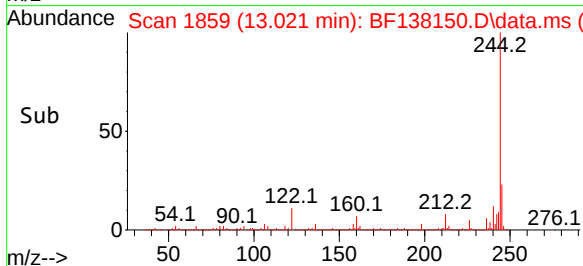
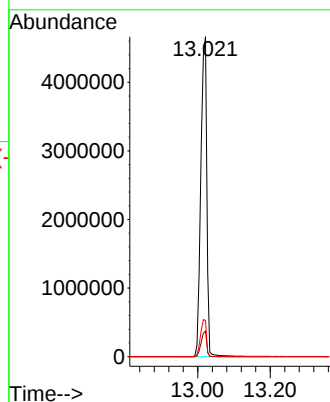
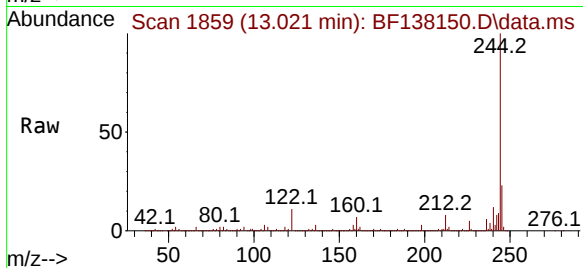
Tgt Ion:244 Resp: 5353653

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF138150.D

Acq: 07 Jun 2024 10:05

Tgt Ion:264 Resp: 720572

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 20.3 17.1 25.7

