

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138202.D
 Acq On : 17 Jun 2024 14:02
 Operator : CG\JU
 Sample : PB161466TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161466TB

Quant Time: Jun 17 14:28:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	424367	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1657130	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	899532	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1592990	20.000	ng	0.00
76) Chrysene-d12	14.045	240	999533	20.000	ng	0.00
86) Perylene-d12	15.521	264	907170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2917897	115.022	ng	0.01
7) Phenol-d6	6.516	99	3603384	112.018	ng	0.00
23) Nitrobenzene-d5	7.451	82	2225608	78.187	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	968160	108.113	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3961646	70.032	ng	0.00
79) Terphenyl-d14	12.998	244	4401605	69.747	ng	0.00

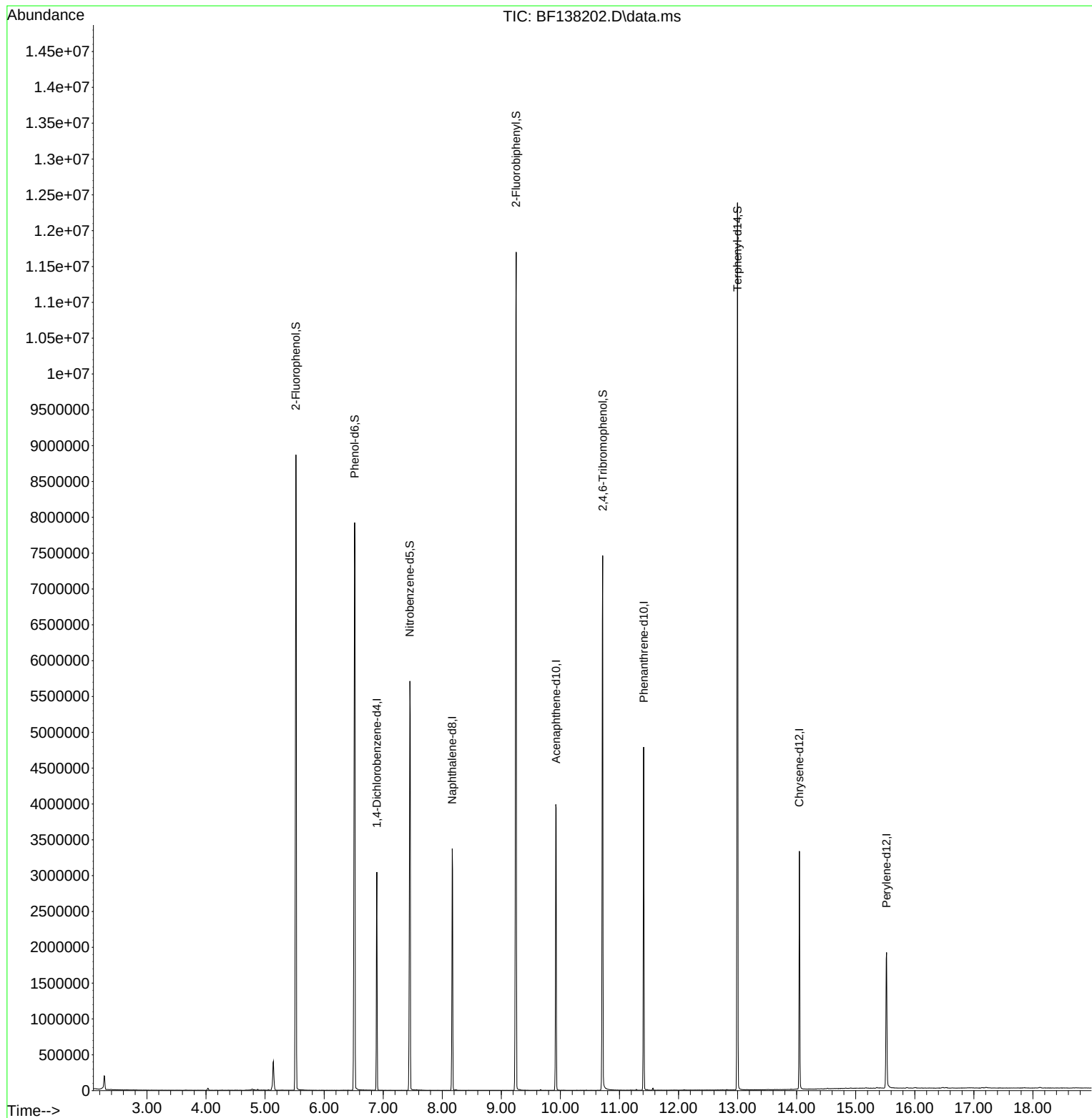
Target Compounds	Qvalue

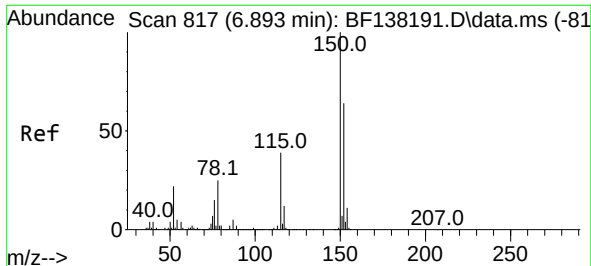
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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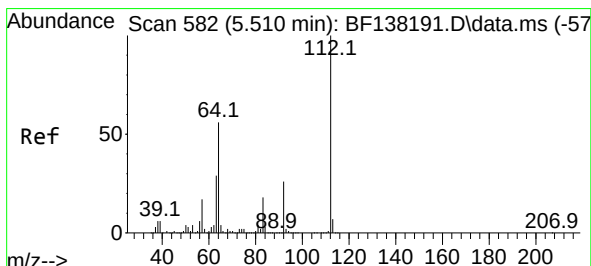
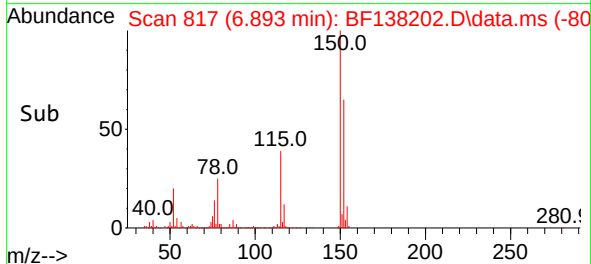
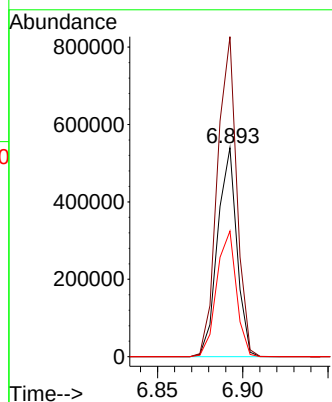
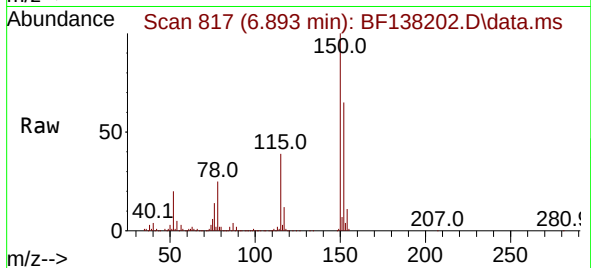




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: BF138202.D
 Acq: 17 Jun 2024 14:02

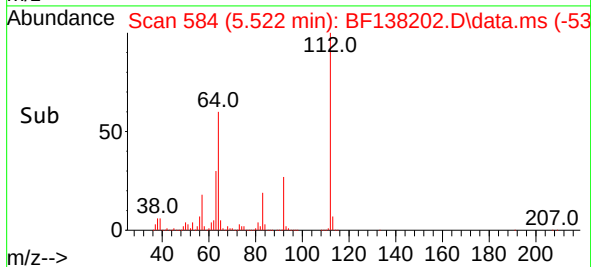
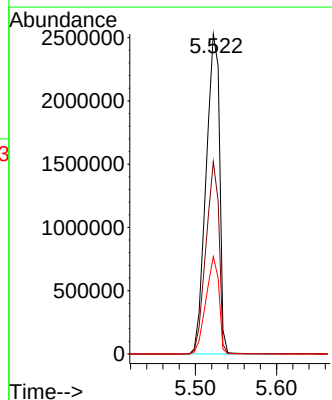
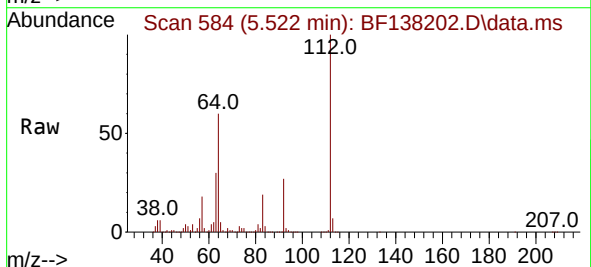
Instrument :
 BNA_F
 ClientSampleId :
 PB161466TB

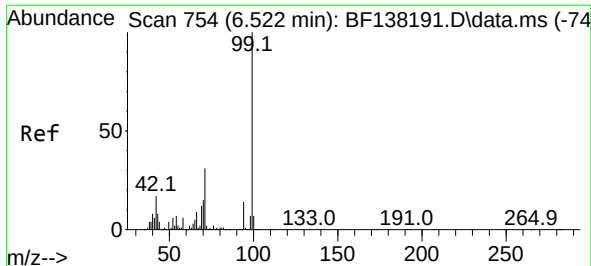
Tgt Ion:152 Resp: 424367
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.0 187.4
 115 60.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 115.022 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138202.D
 Acq: 17 Jun 2024 14:02

Tgt Ion:112 Resp: 2917897
 Ion Ratio Lower Upper
 112 100
 64 60.0 45.2 67.8
 63 30.4 22.9 34.3

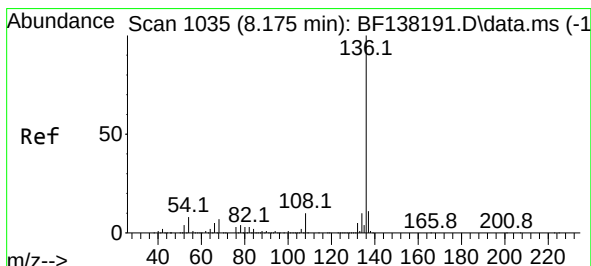
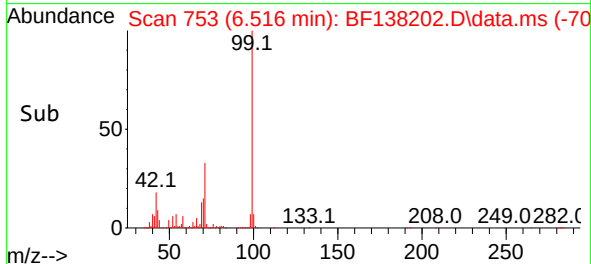
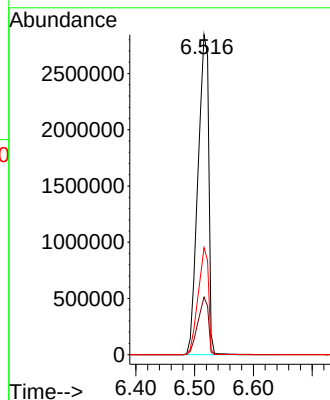
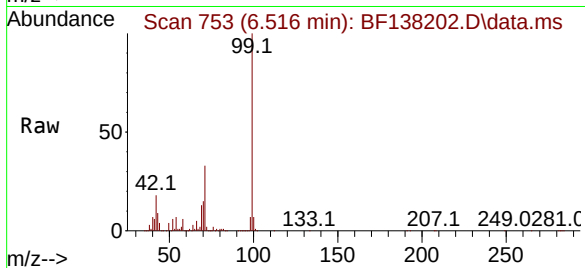




#7
Phenol-d6
Concen: 112.018 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

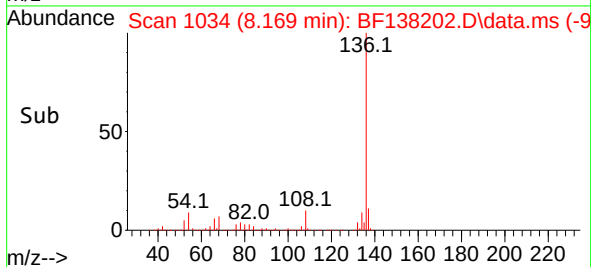
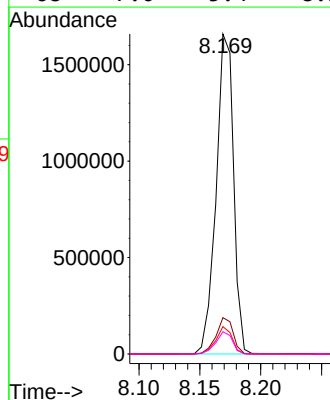
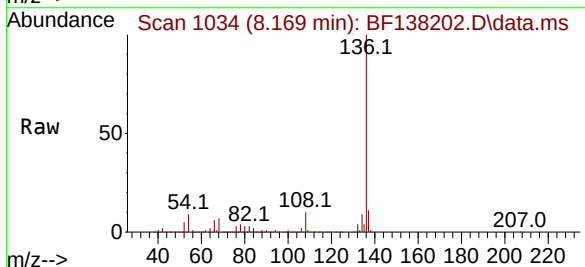
Instrument :
BNA_F
ClientSampleId :
PB161466TB

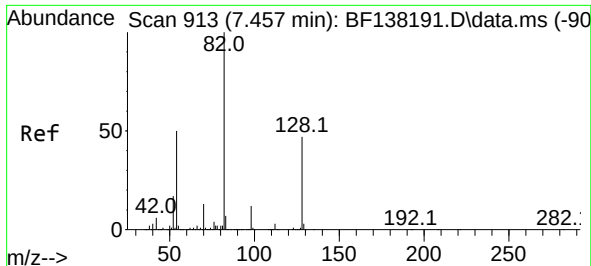
Tgt Ion: 99 Resp: 3603384
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 33.4 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion: 136 Resp: 1657130
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.6 6.6 10.0
68 7.0 5.4 8.2

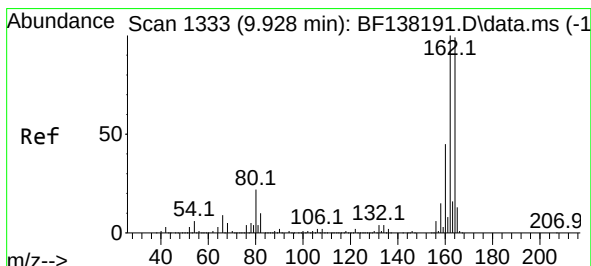
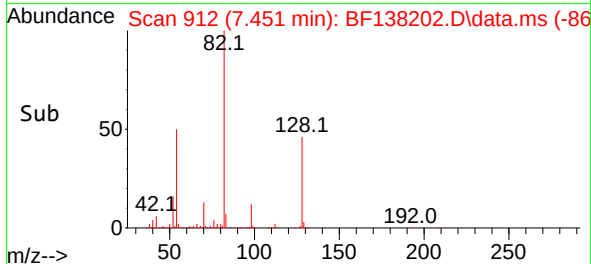
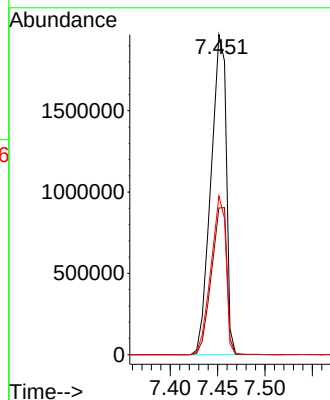
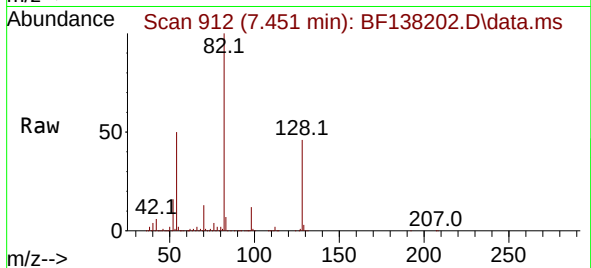




#23
Nitrobenzene-d5
Concen: 78.187 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

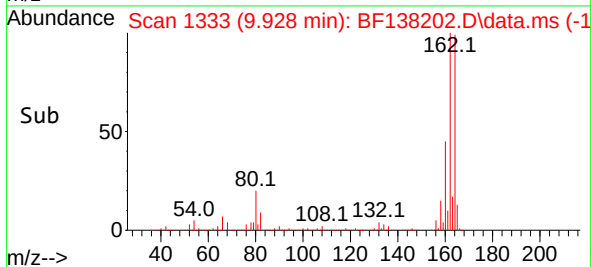
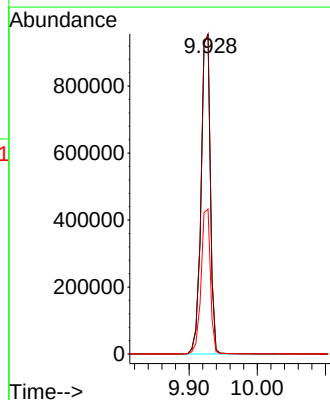
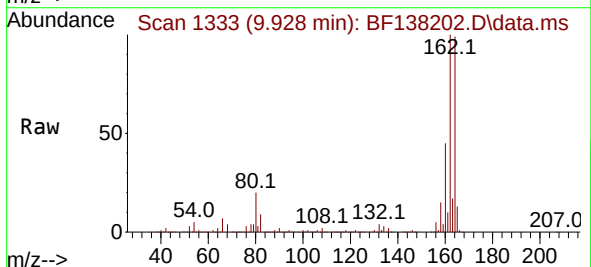
Instrument :
BNA_F
ClientSampleId :
PB161466TB

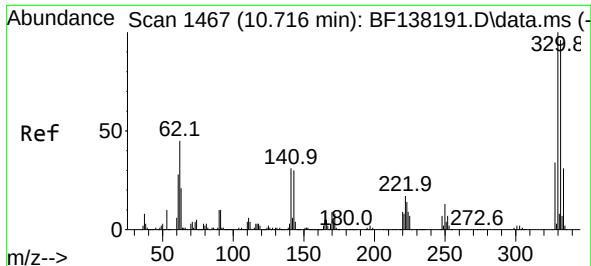
Tgt Ion: 82 Resp: 2225608
Ion Ratio Lower Upper
82 100
128 45.9 37.2 55.8
54 49.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:164 Resp: 899532
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 108.113 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

PB161466TB

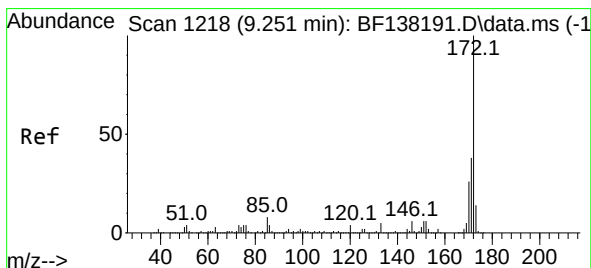
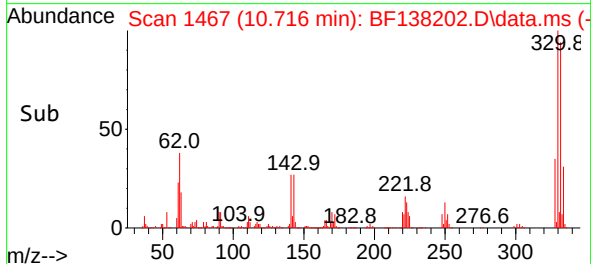
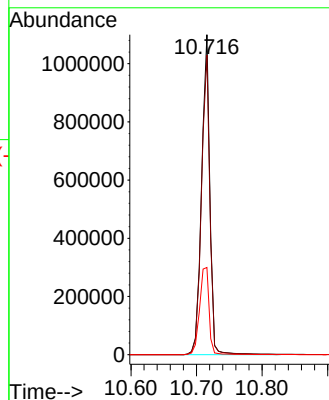
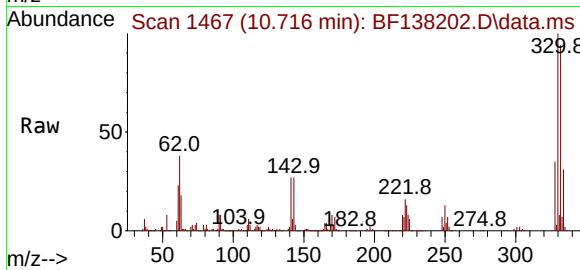
Tgt Ion:330 Resp: 968160

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

141 31.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 70.032 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

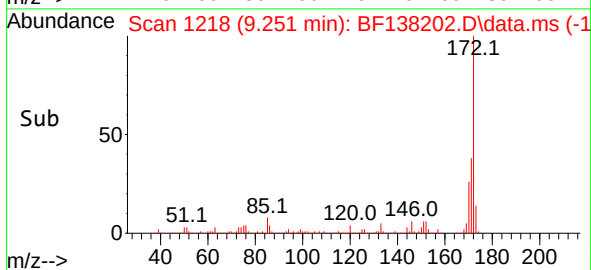
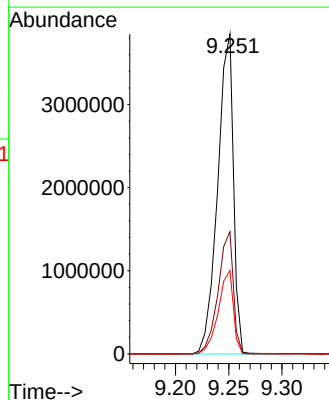
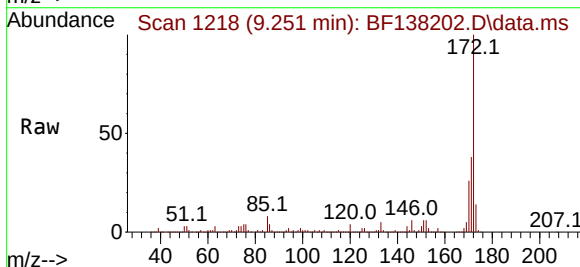
Tgt Ion:172 Resp: 3961646

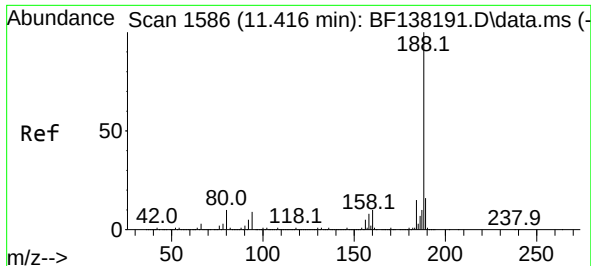
Ion Ratio Lower Upper

172 100

171 38.2 30.3 45.5

170 26.1 20.6 30.8

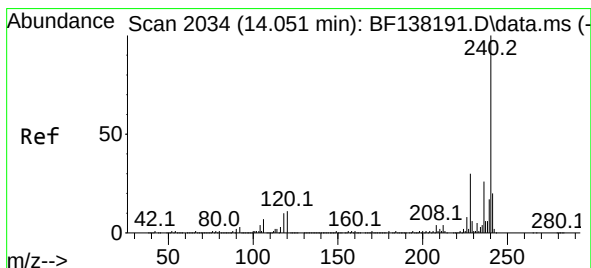
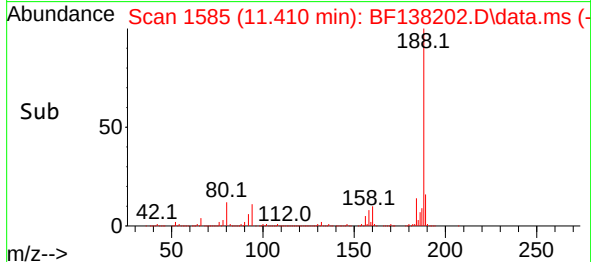
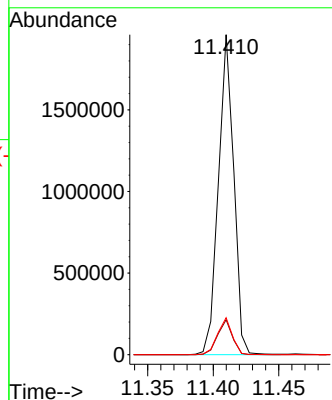
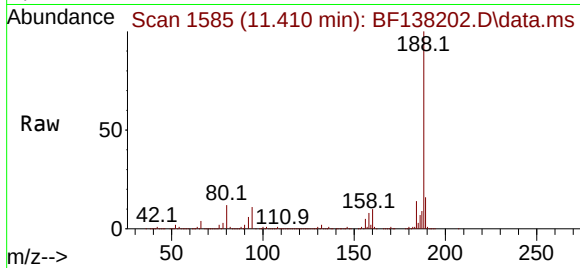




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

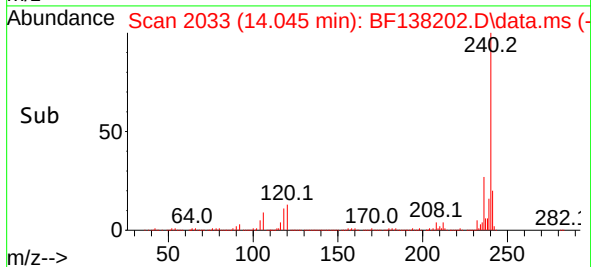
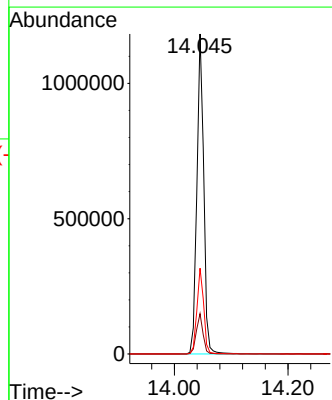
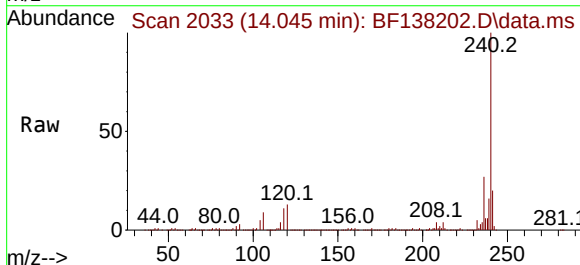
Instrument :
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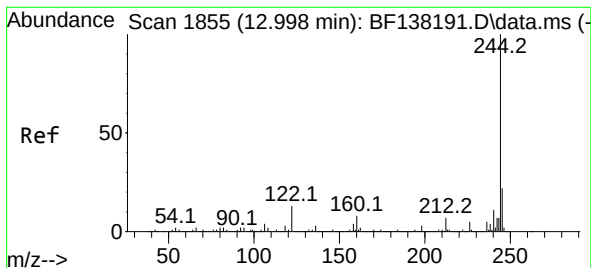
Tgt Ion:188 Resp: 1592990
Ion Ratio Lower Upper
188 100
94 10.9 7.6 11.4
80 11.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:240 Resp: 999533
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 69.747 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

PB161466TB

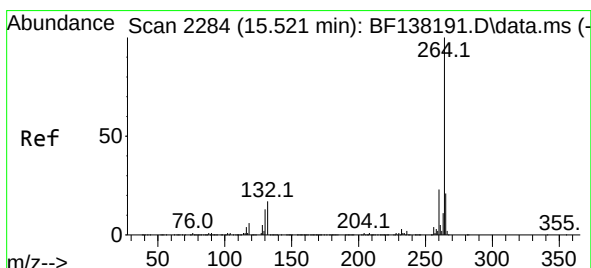
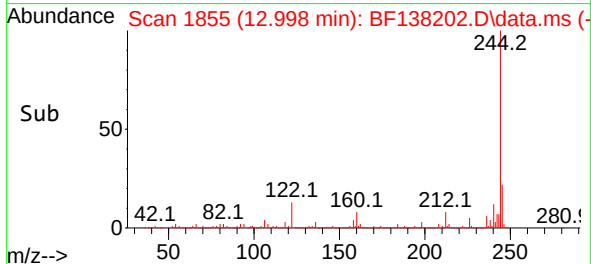
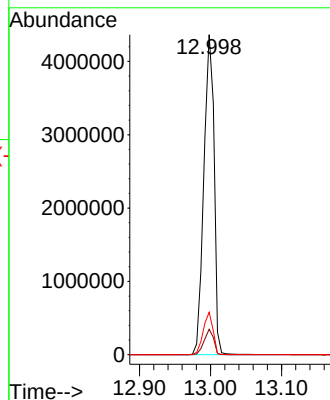
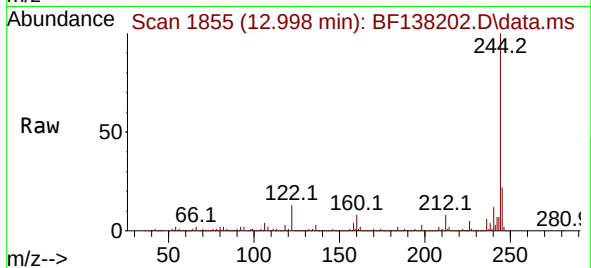
Tgt Ion:244 Resp: 4401605

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 13.2 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

Tgt Ion:264 Resp: 907170

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.5 17.0 25.6

