

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060723\
 Data File : BN025766.D
 Acq On : 07 Jun 2023 09:56
 Operator : CG/JU
 Sample : PB153187BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153187BL

Quant Time: Jun 08 02:55:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 15:34:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9952	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	25139	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	13530	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	21354	0.400	ng	0.01
29) Chrysene-d12	21.578	240	10429	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	6654	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	8692	0.311	ng	0.00
5) Phenol-d6	7.175	99	8398	0.244	ng	0.01
8) Nitrobenzene-d5	9.191	82	6204	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.419	152	12670	0.350	ng	0.01
14) 2,4,6-Tribromophenol	16.165	330	699	0.168	ng	0.03
15) 2-Fluorobiphenyl	13.283	172	18387	0.321	ng	0.01
27) Fluoranthene-d10	19.421	212	16382	0.373	ng	0.00
31) Terphenyl-d14	20.006	244	11489	0.454	ng	0.00

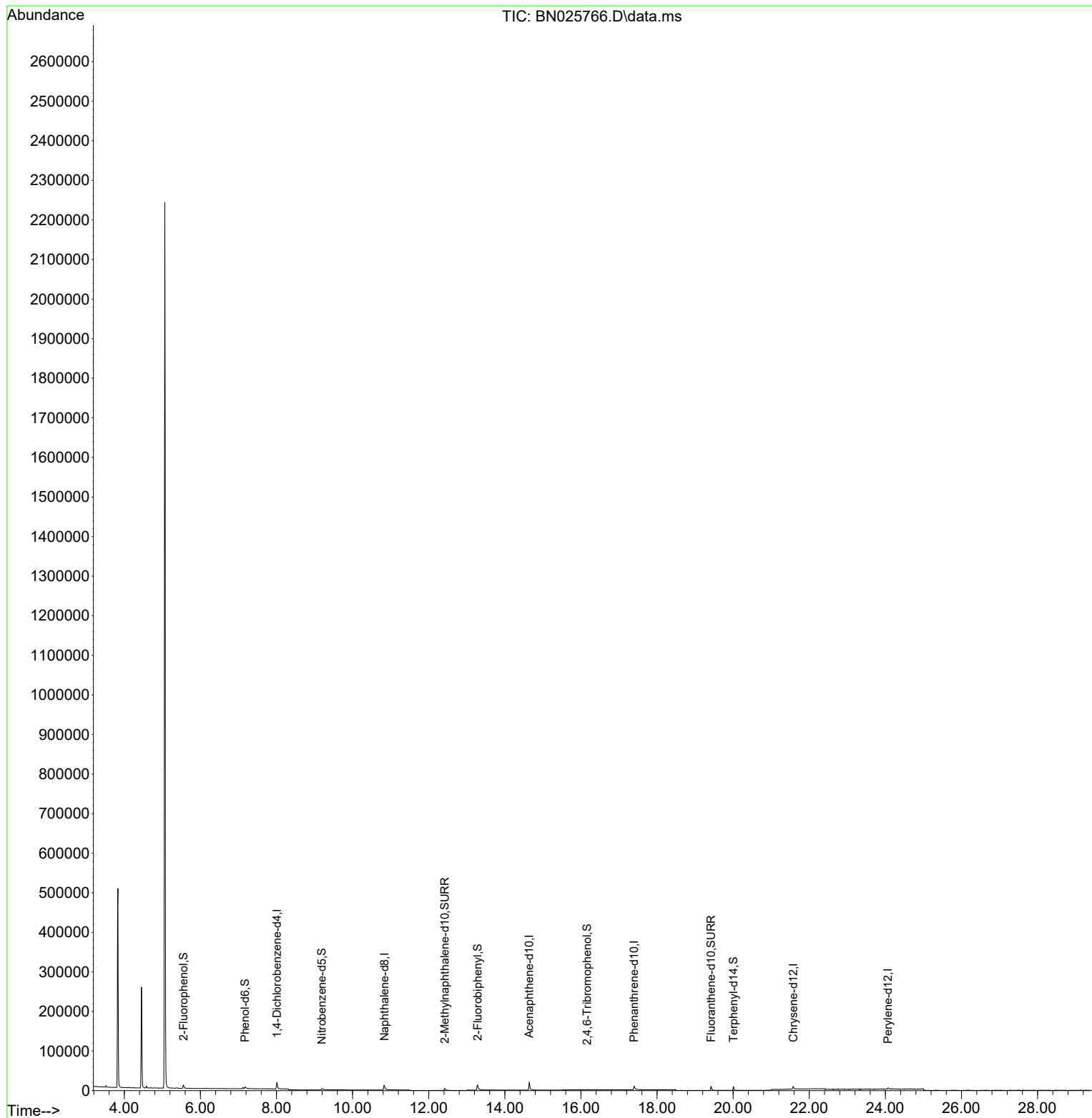
Target Compounds Qvalue

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

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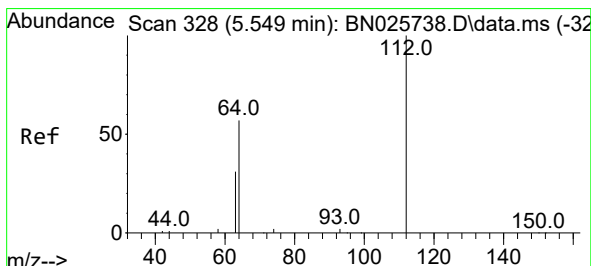
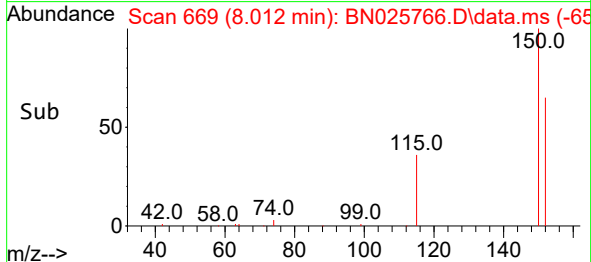
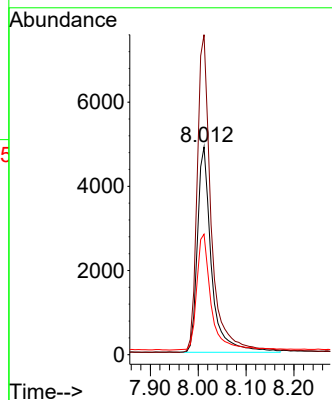
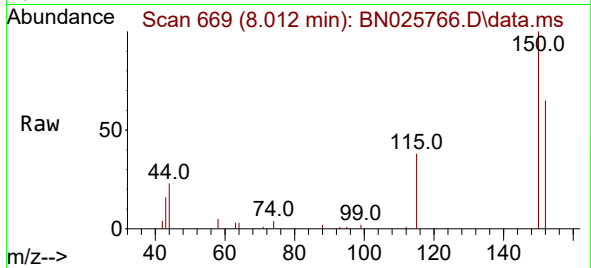




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

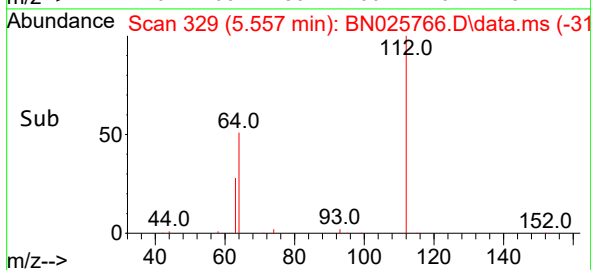
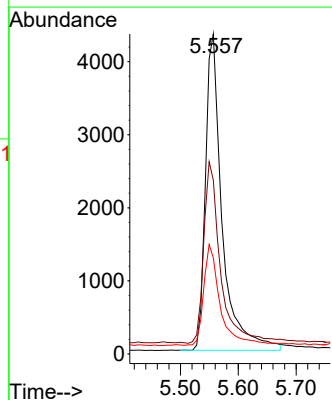
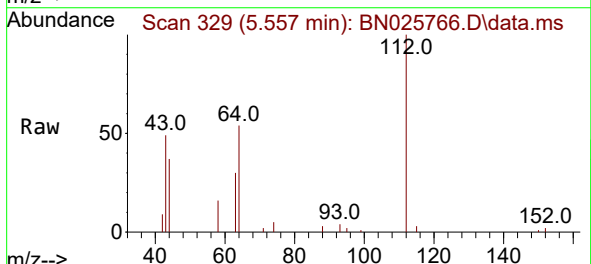
Instrument :
BNA_N
ClientSampleId :
PB153187BL

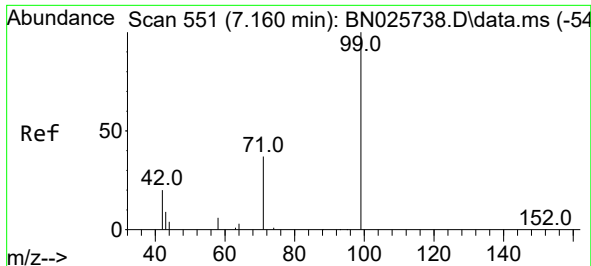
Tgt Ion:152 Resp: 9952
Ion Ratio Lower Upper
152 100
150 154.1 121.5 182.3
115 58.1 47.7 71.5



#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

Tgt Ion:112 Resp: 8692
Ion Ratio Lower Upper
112 100
64 57.6 47.5 71.3
63 31.7 26.2 39.4

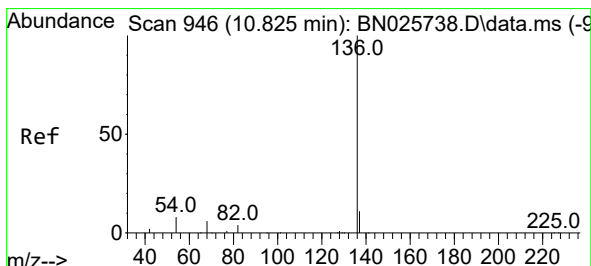
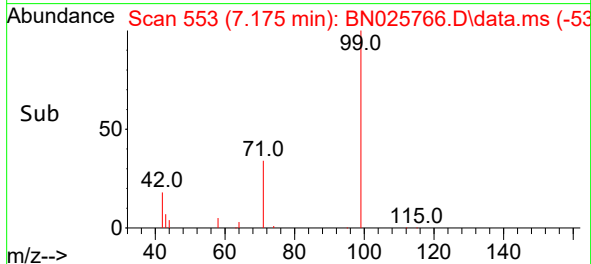
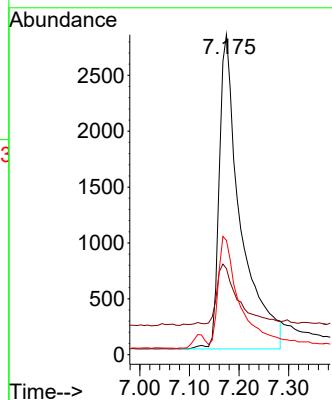
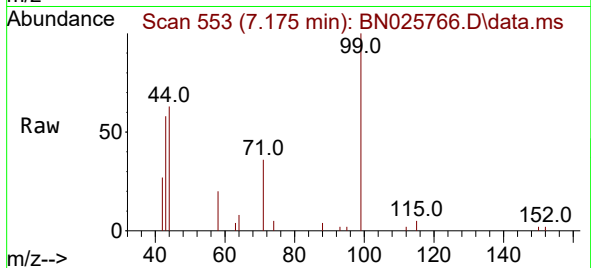




#5
Phenol-d6
Concen: 0.244 ng
RT: 7.175 min Scan# 511
Delta R.T. 0.015 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

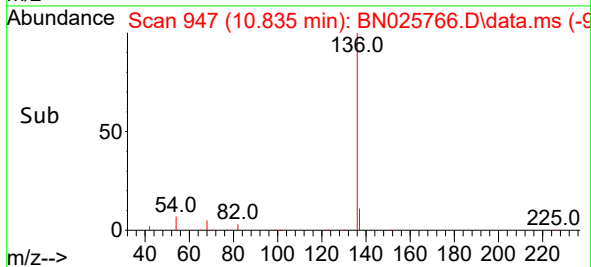
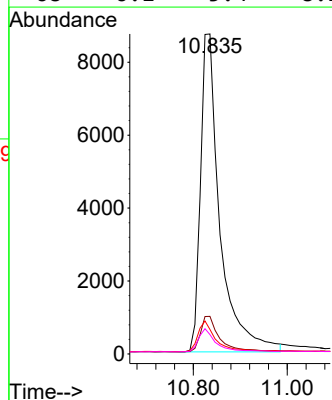
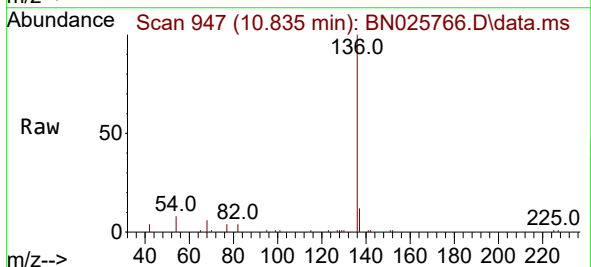
Instrument :
BNA_N
ClientSampleId :
PB153187BL

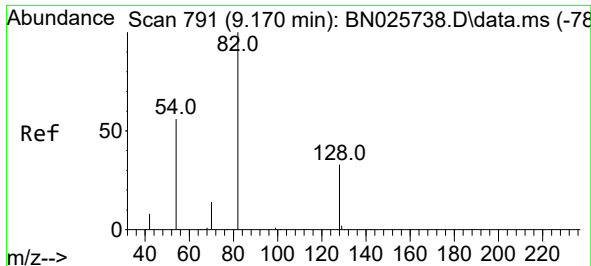
Tgt Ion: 99 Resp: 8398
Ion Ratio Lower Upper
99 100
42 18.5 18.6 28.0#
71 33.3 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.011 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

Tgt Ion: 136 Resp: 25139
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 7.6 7.2 10.8
68 6.1 5.4 8.2

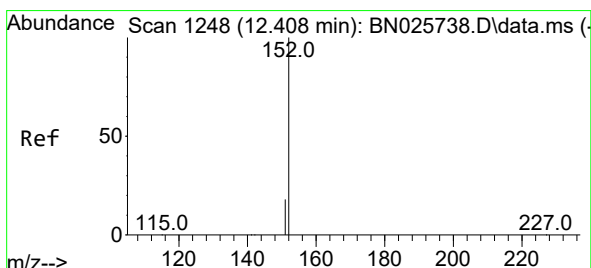
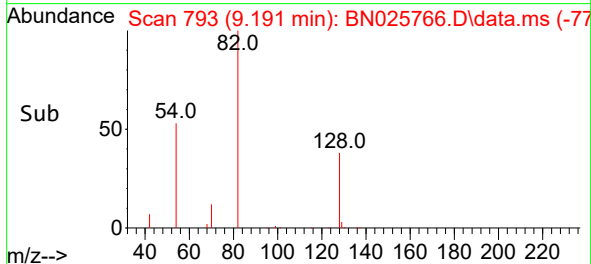
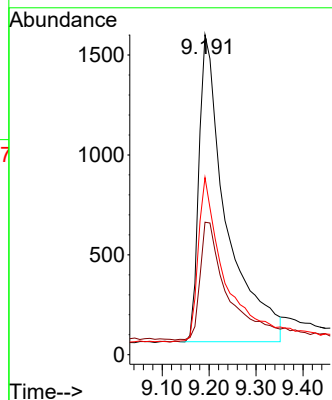
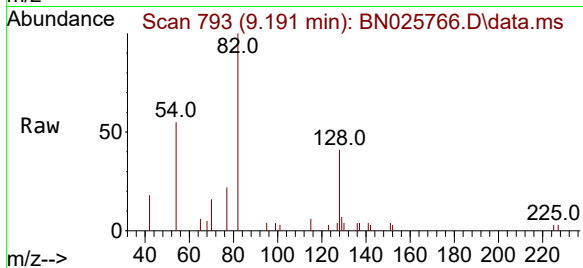




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 9.191 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

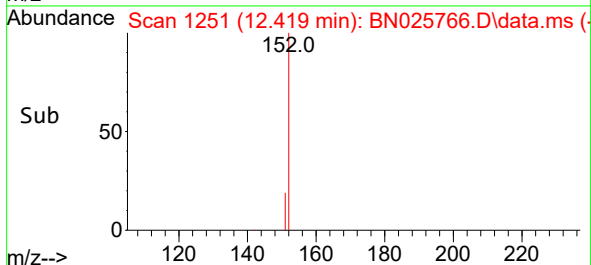
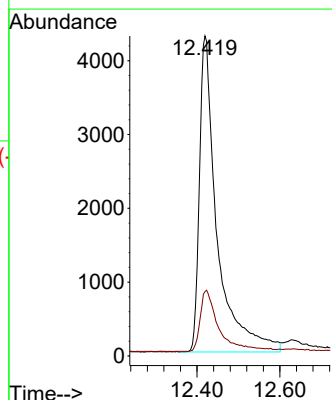
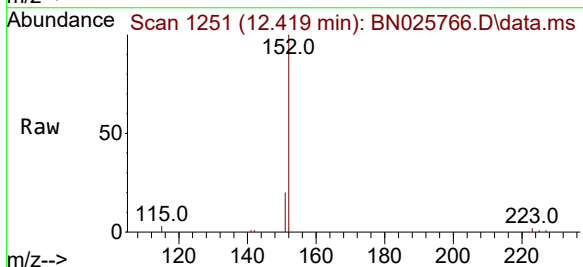
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BNA_N
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PB153187BL

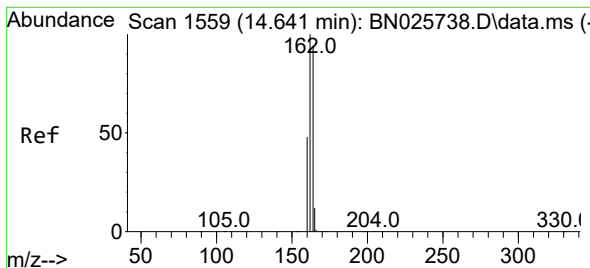
Tgt Ion: 82 Resp: 6204
Ion Ratio Lower Upper
82 100
128 41.4 27.6 41.4
54 55.4 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.419 min Scan# 1251
Delta R.T. 0.012 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

Tgt Ion: 152 Resp: 12670
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.641 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BN025766.D

Acq: 07 Jun 2023 09:56

Instrument :

BNA_N

ClientSampleId :

PB153187BL

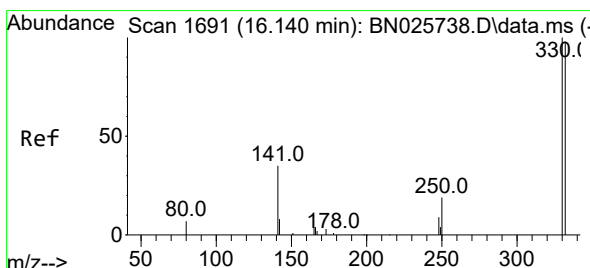
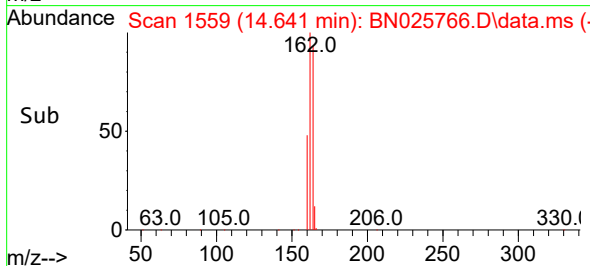
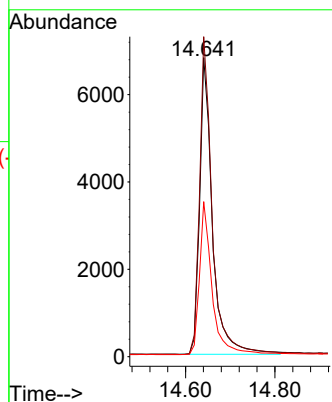
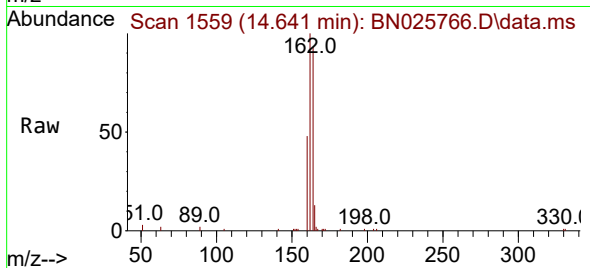
Tgt Ion:164 Resp: 13530

Ion Ratio Lower Upper

164 100

162 107.0 85.0 127.6

160 51.9 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.168 ng

RT: 16.165 min Scan# 1693

Delta R.T. 0.025 min

Lab File: BN025766.D

Acq: 07 Jun 2023 09:56

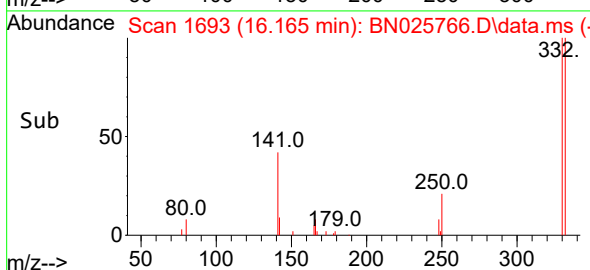
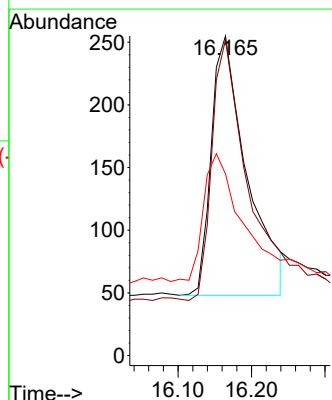
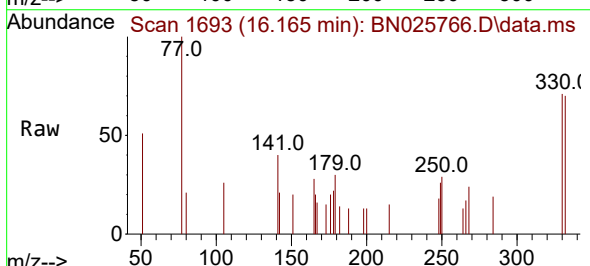
Tgt Ion:330 Resp: 699

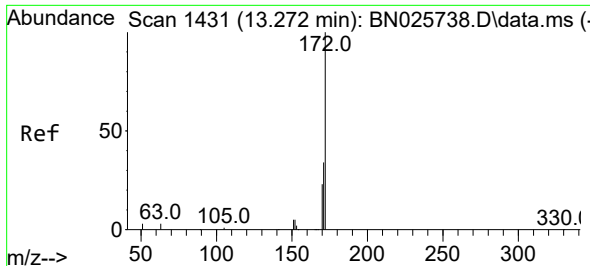
Ion Ratio Lower Upper

330 100

332 99.0 77.3 115.9

141 53.6 55.0 82.6#

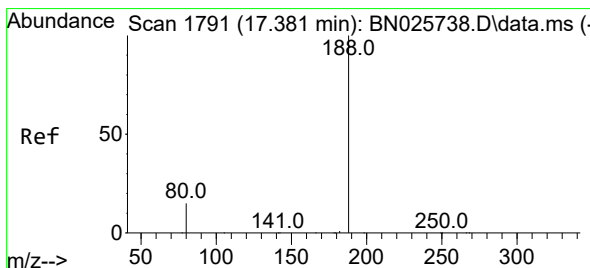
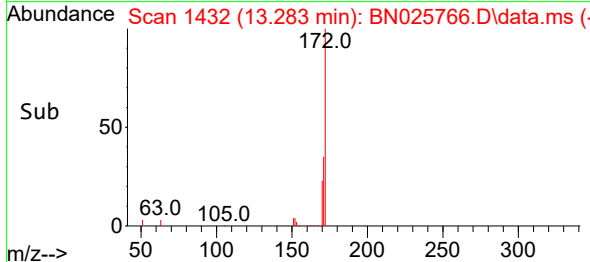
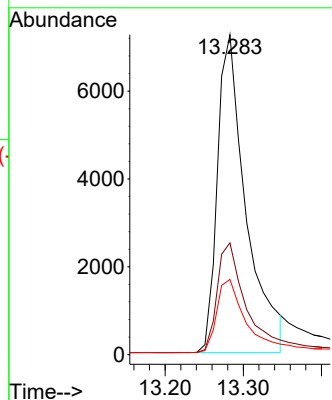
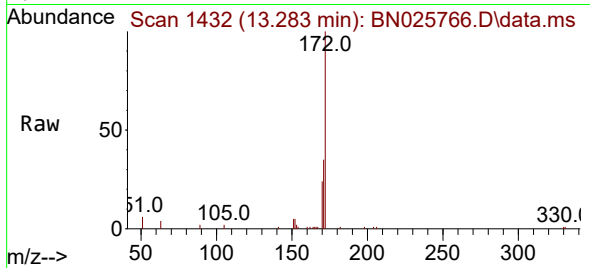




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.283 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

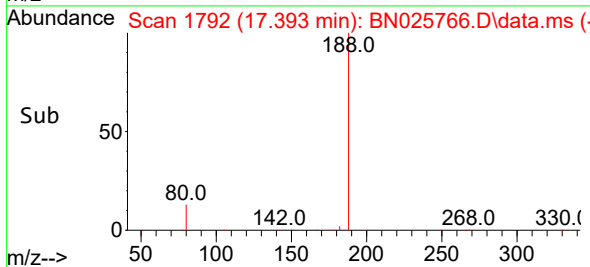
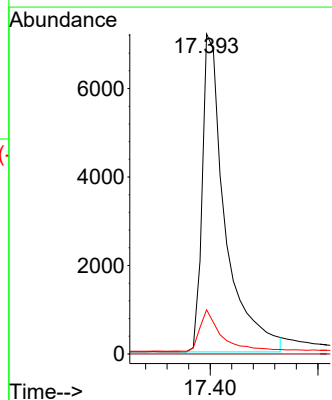
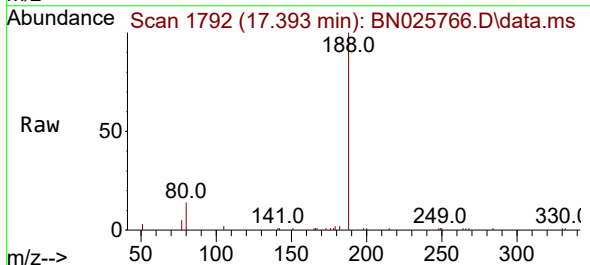
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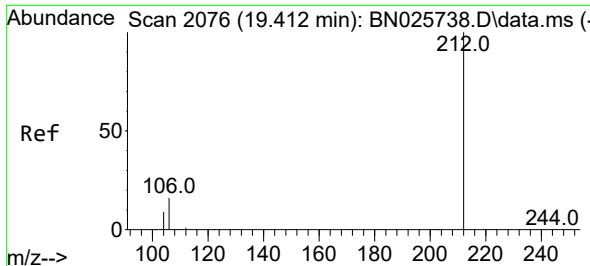
Tgt Ion:172 Resp: 18387
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.5 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.013 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

Tgt Ion:188 Resp: 21354
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 12.1 18.1

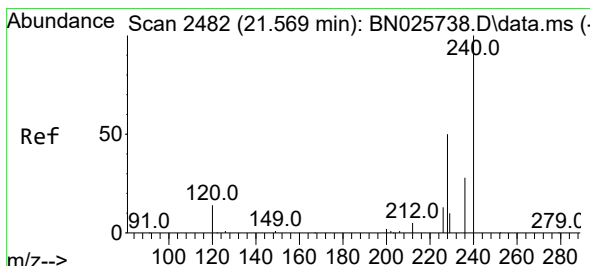
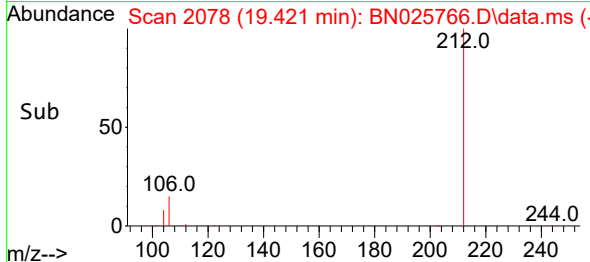
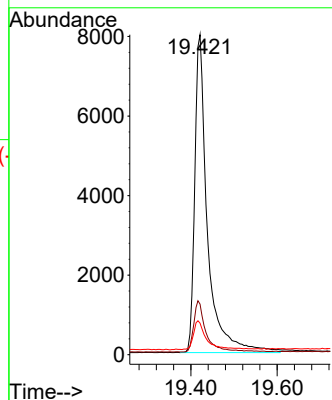
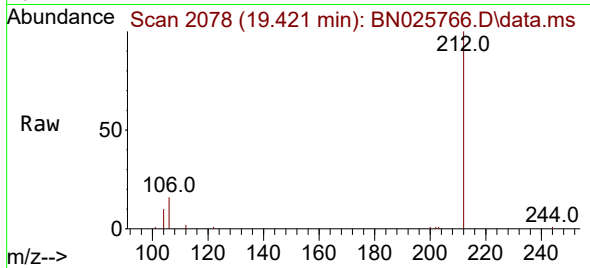




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.421 min Scan# 2076
Delta R.T. 0.010 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

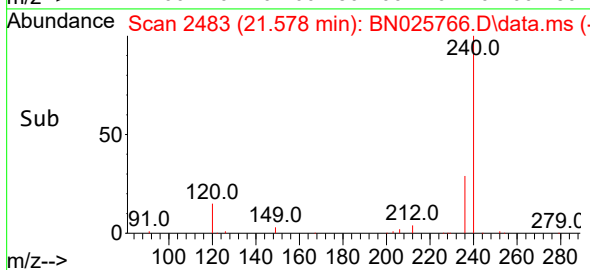
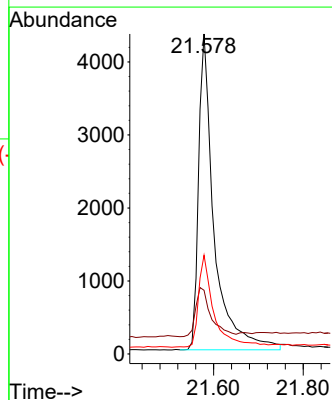
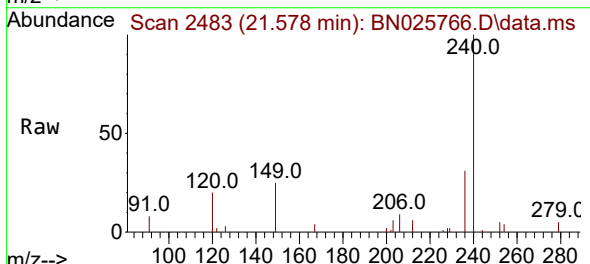
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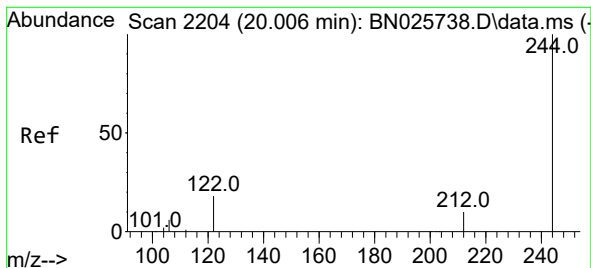
Tgt Ion:212 Resp: 16382
Ion Ratio Lower Upper
212 100
106 15.7 13.0 19.6
104 9.0 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.009 min
Lab File: BN025766.D
Acq: 07 Jun 2023 09:56

Tgt Ion:240 Resp: 10429
Ion Ratio Lower Upper
240 100
120 19.9 13.2 19.8#
236 30.8 23.1 34.7





#31

Terphenyl-d14

Concen: 0.454 ng

RT: 20.006 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN025766.D

Acq: 07 Jun 2023 09:56

Instrument :

BNA_N

ClientSampleId :

PB153187BL

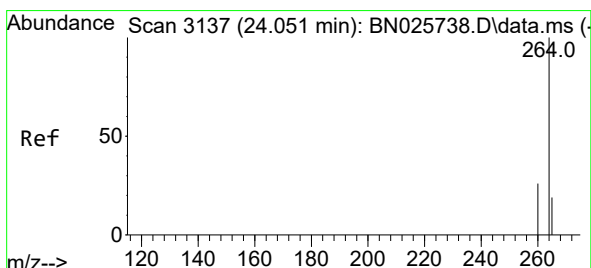
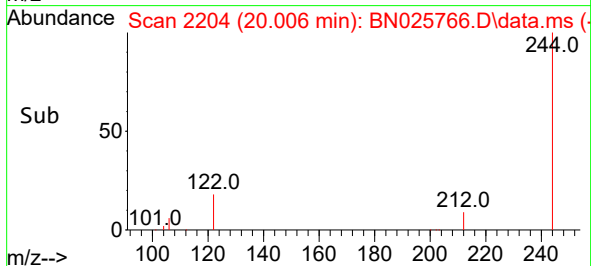
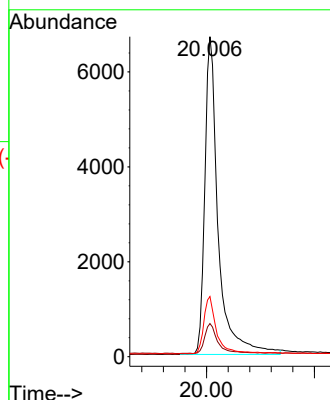
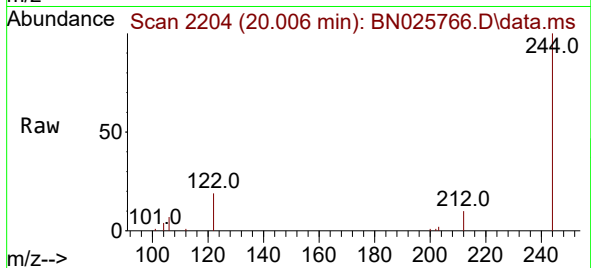
Tgt Ion:244 Resp: 11489

Ion Ratio Lower Upper

244 100

212 10.4 8.6 12.8

122 18.8 15.2 22.8



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.066 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BN025766.D

Acq: 07 Jun 2023 09:56

Tgt Ion:264 Resp: 6654

Ion Ratio Lower Upper

264 100

260 28.0 21.4 32.2

265 108.1 44.7 67.1#

