

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
 Data File : BP010721.D
 Acq On : 08 Jun 2022 11:17
 Operator : CG/JU
 Sample : PB145377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145377BL

Quant Time: Jun 08 12:32:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 19:29:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	93861	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	363203	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	222396	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	456234	20.000	ng	0.00
76) Chrysene-d12	21.322	240	418359	20.000	ng	0.00
86) Perylene-d12	23.727	264	418035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	777510	142.966	ng	0.00
7) Phenol-d6	7.016	99	1001692	134.680	ng	0.00
23) Nitrobenzene-d5	8.999	82	686555	89.018	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	370485	122.332	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1383029	89.461	ng	0.00
79) Terphenyl-d14	19.792	244	2200811	98.367	ng	0.00

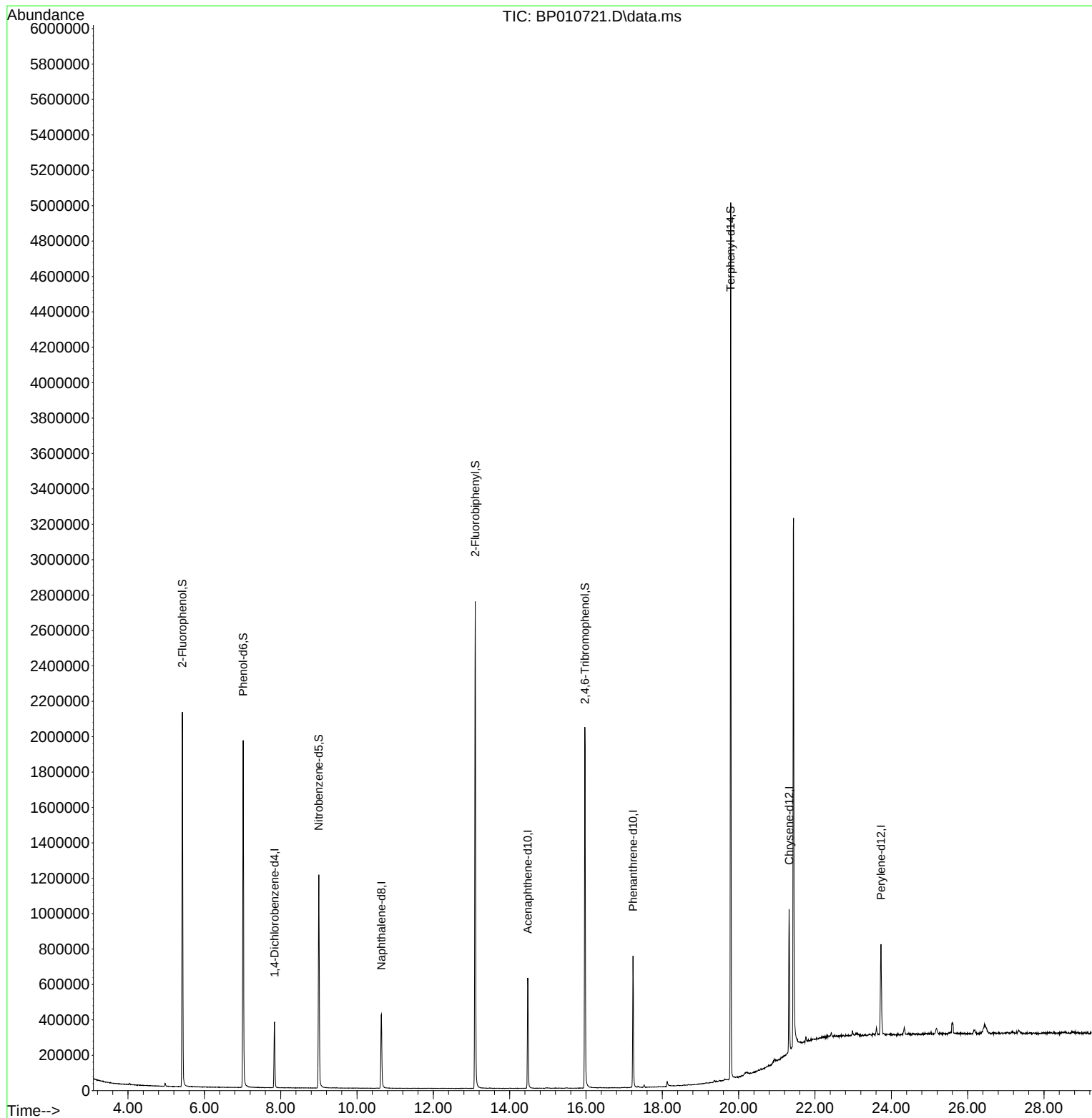
Target Compounds	Qvalue

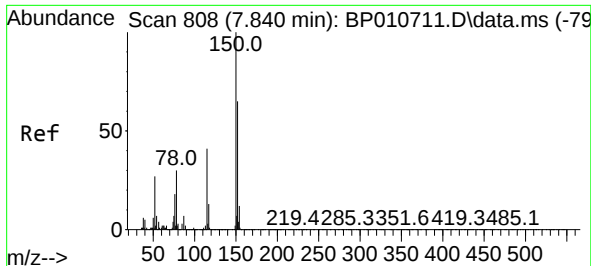
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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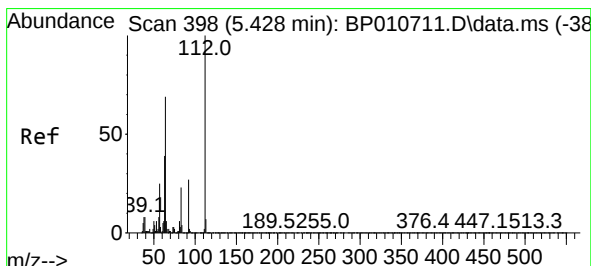
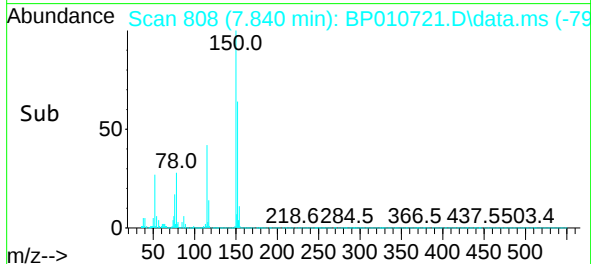
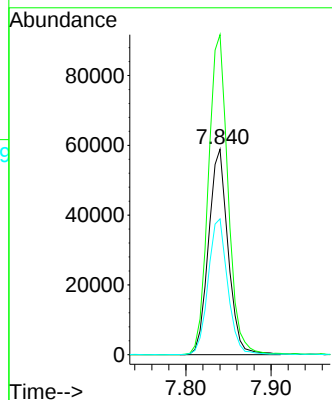
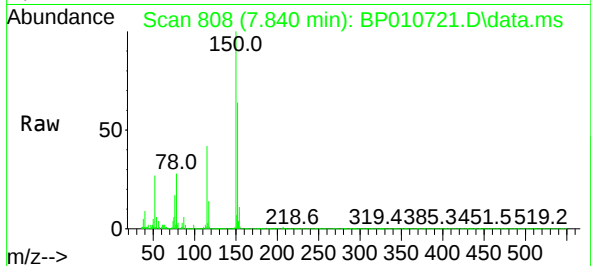




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

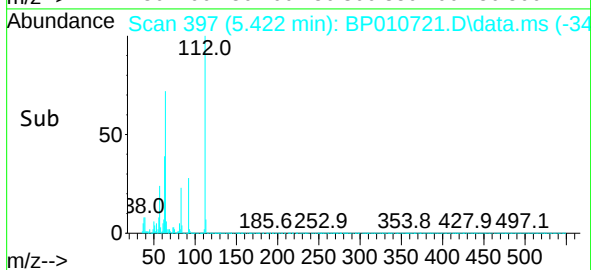
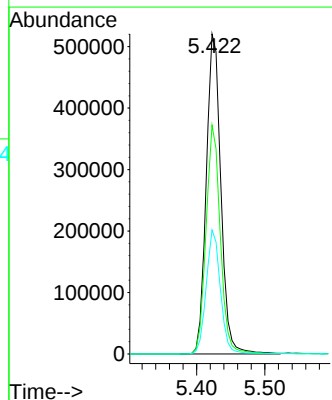
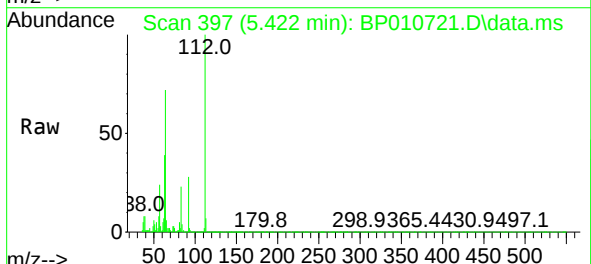
Instrument :
BNA_P
ClientSampleId :
PB145377BL

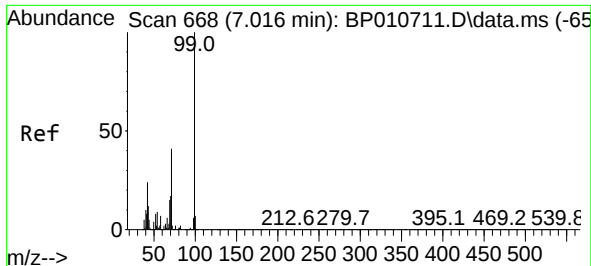
Tgt Ion:152 Resp: 93861
Ion Ratio Lower Upper
152 100
150 155.7 123.4 185.2
115 66.1 51.3 76.9



#5
2-Fluorophenol
Concen: 142.966 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

Tgt Ion:112 Resp: 777510
Ion Ratio Lower Upper
112 100
64 71.5 56.9 85.3
63 38.7 31.2 46.8

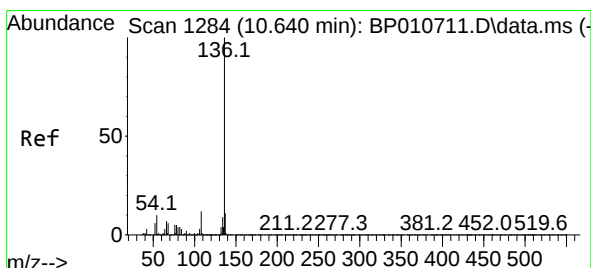
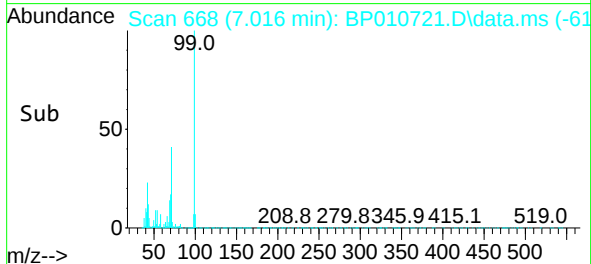
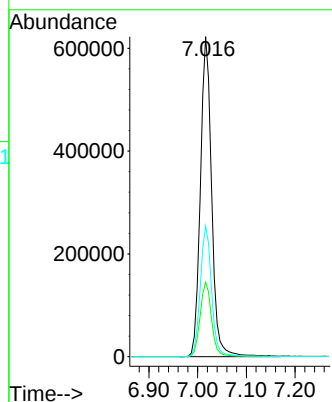
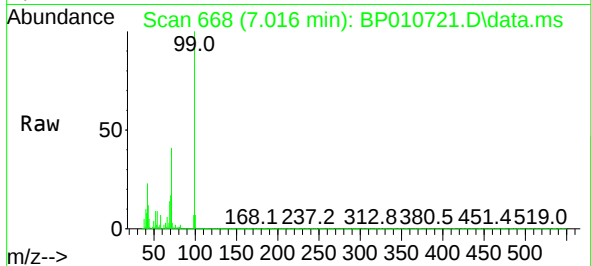




#7
Phenol-d6
Concen: 134.680 ng
RT: 7.016 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

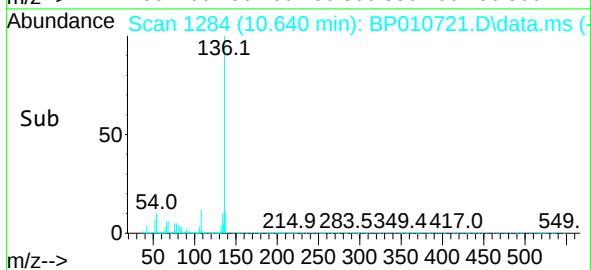
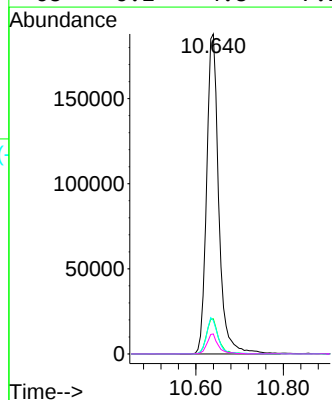
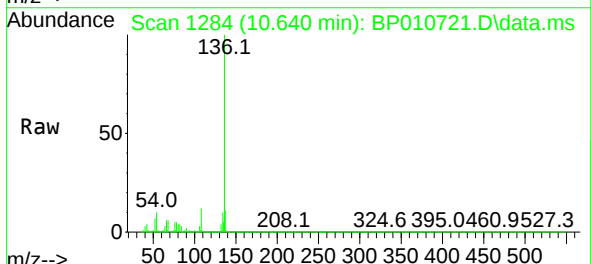
Instrument :
BNA_P
ClientSampleId :
PB145377BL

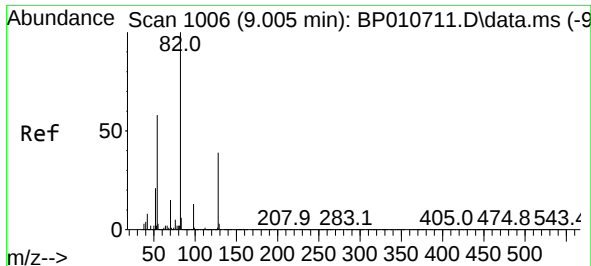
Tgt Ion: 99 Resp: 1001692
Ion Ratio Lower Upper
99 100
42 23.2 20.3 30.5
71 40.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

Tgt Ion: 136 Resp: 363203
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.5 8.7 13.1
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.018 ng

RT: 8.999 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP010721.D

Acq: 08 Jun 2022 11:17

Instrument :

BNA_P

ClientSampleId :

PB145377BL

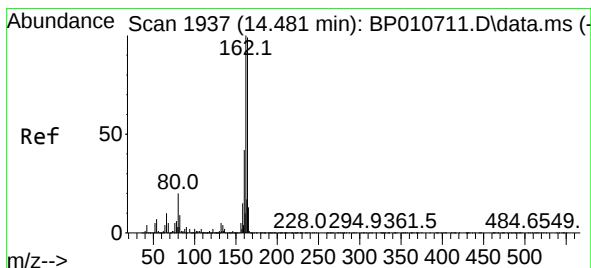
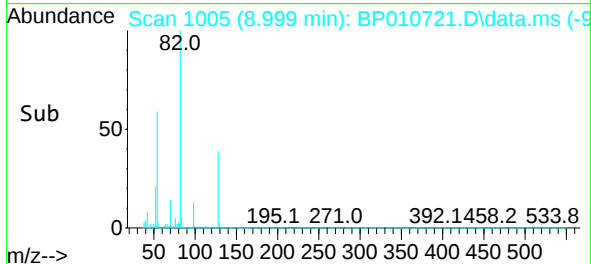
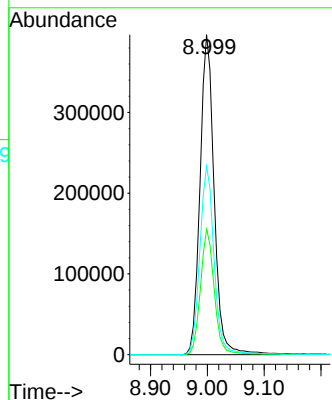
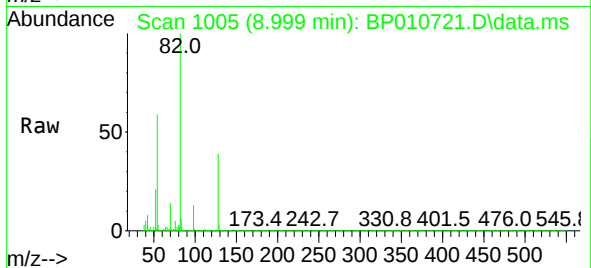
Tgt Ion: 82 Resp: 686555

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

54 58.9 49.8 74.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BP010721.D

Acq: 08 Jun 2022 11:17

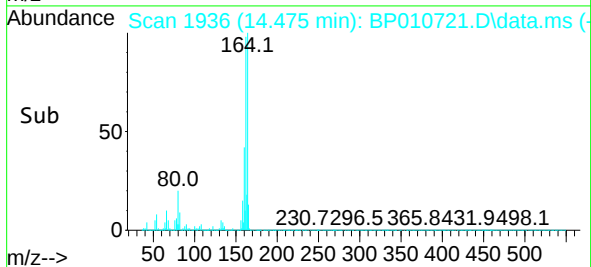
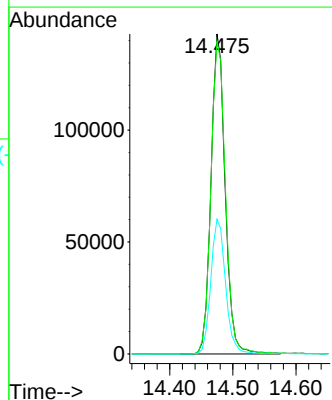
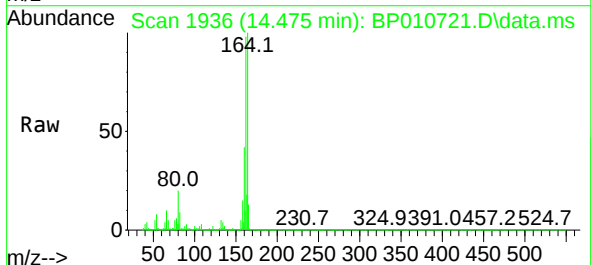
Tgt Ion: 164 Resp: 222396

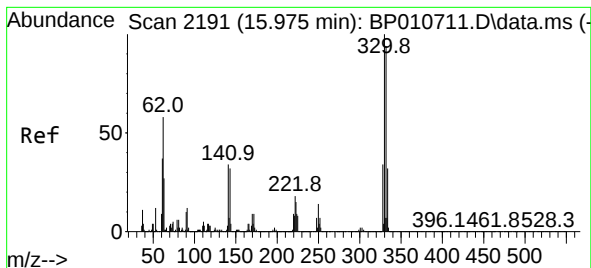
Ion Ratio Lower Upper

164 100

162 97.6 81.9 122.9

160 42.1 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 122.332 ng

RT: 15.975 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BP010721.D

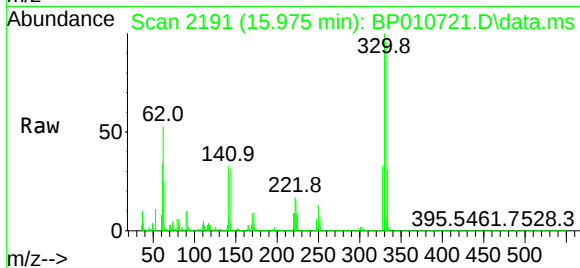
Acq: 08 Jun 2022 11:17

Instrument :

BNA_P

ClientSampleId :

PB145377BL



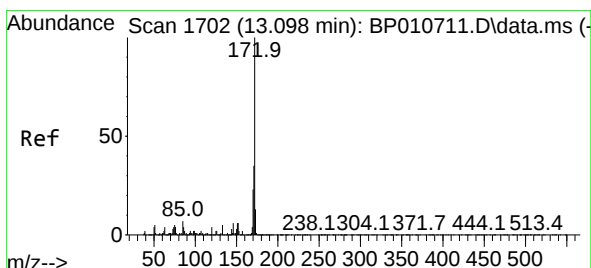
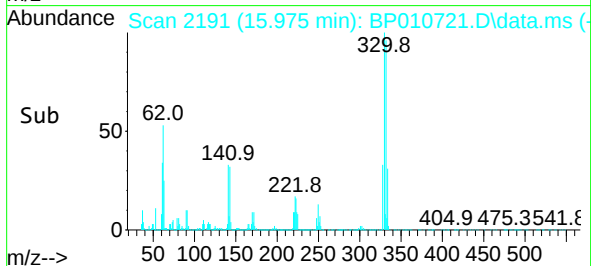
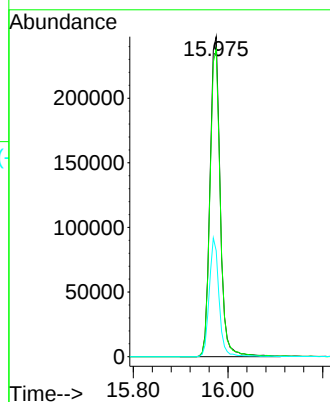
Tgt Ion:330 Resp: 370485

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 35.6 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 89.461 ng

RT: 13.099 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP010721.D

Acq: 08 Jun 2022 11:17

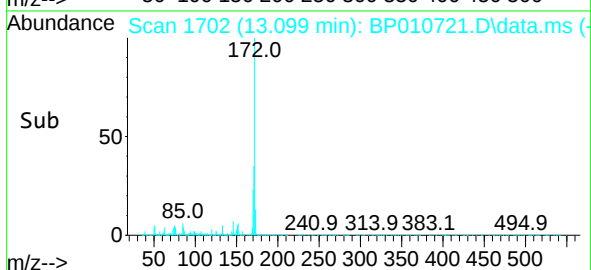
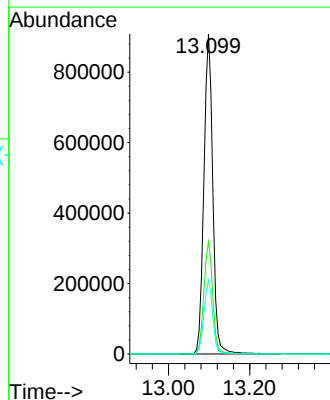
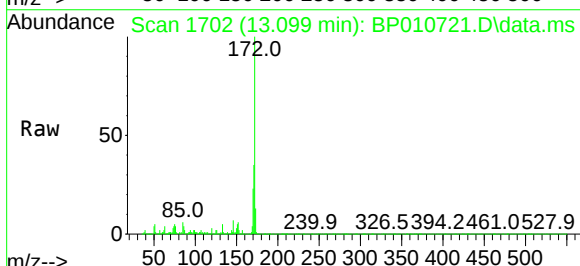
Tgt Ion:172 Resp: 1383029

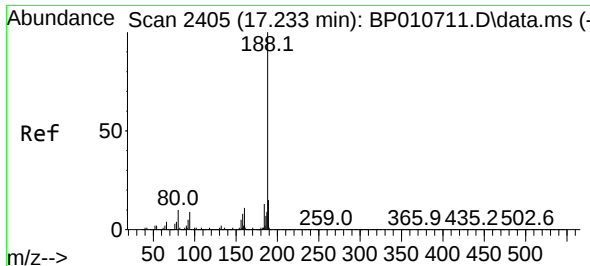
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.0 18.2 27.2

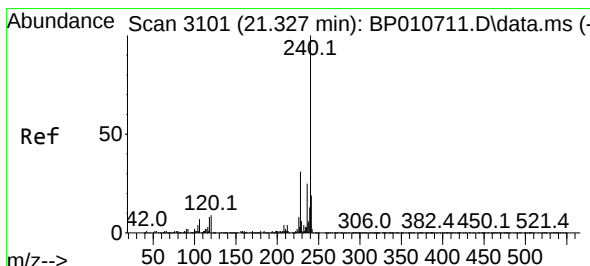
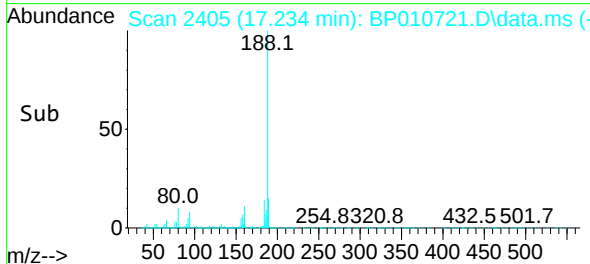
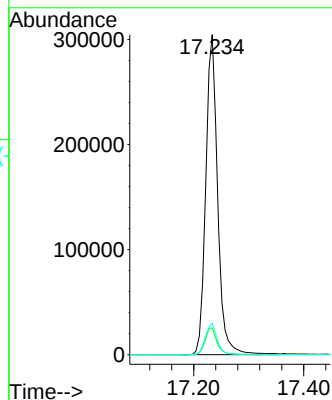
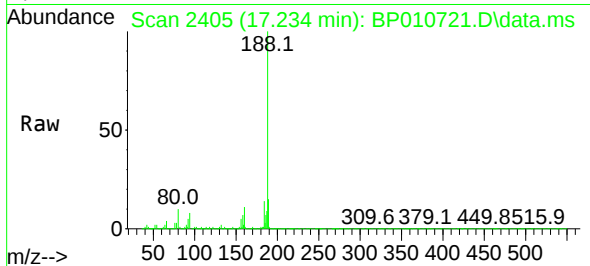




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

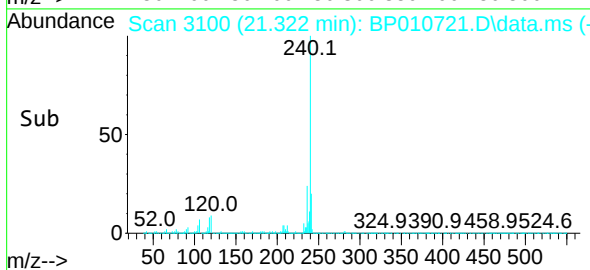
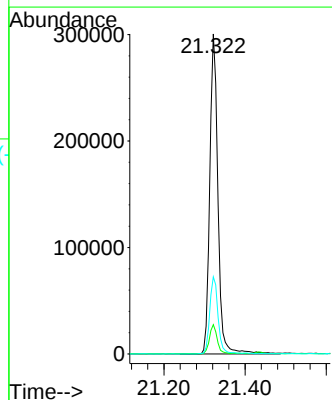
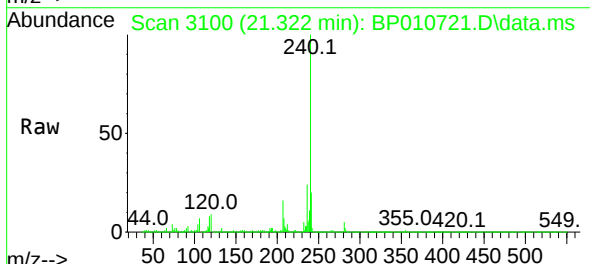
Instrument :
BNA_P
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PB145377BL

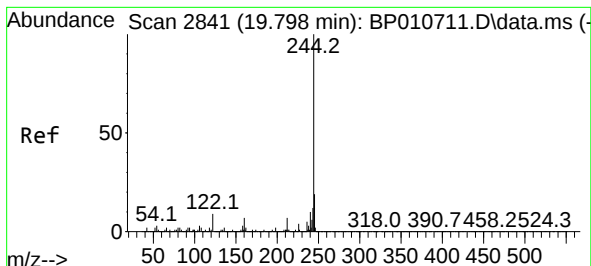
Tgt Ion:188 Resp: 456234
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP010721.D
Acq: 08 Jun 2022 11:17

Tgt Ion:240 Resp: 418359
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 24.1 19.8 29.6





#79

Terphenyl-d14

Concen: 98.367 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010721.D

Acq: 08 Jun 2022 11:17

Instrument :

BNA_P

ClientSampleId :

PB145377BL

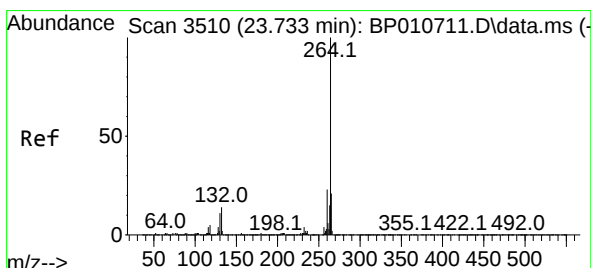
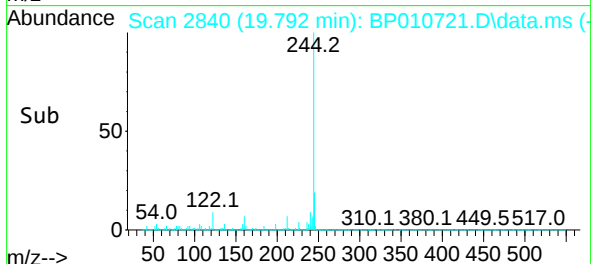
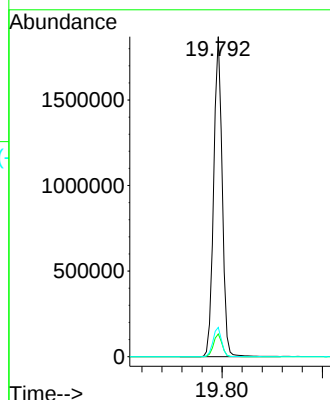
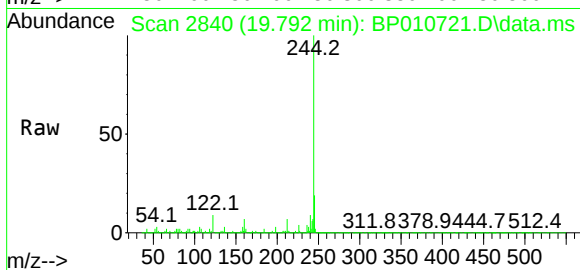
Tgt Ion:244 Resp: 2200811

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.2 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BP010721.D

Acq: 08 Jun 2022 11:17

Tgt Ion:264 Resp: 418035

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.8 18.0 27.0

