

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015312.D
 Acq On : 26 May 2023 16:51
 Operator : CG/JU
 Sample : 02945-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP03

Quant Time: May 26 18:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	176716	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	662747	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	369112	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	784558	20.000	ng	0.00
76) Chrysene-d12	21.580	240	794067	20.000	ng	0.00
86) Perylene-d12	24.133	264	970937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	727245	68.193	ng	0.00
7) Phenol-d6	7.258	99	594627	42.546	ng	0.00
23) Nitrobenzene-d5	9.281	82	1128010	83.103	ng	-0.01
42) 2,4,6-Tribromophenol	16.239	330	586267	116.880	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2235502	81.311	ng	0.00
79) Terphenyl-d14	20.033	244	3134592	74.251	ng	0.00

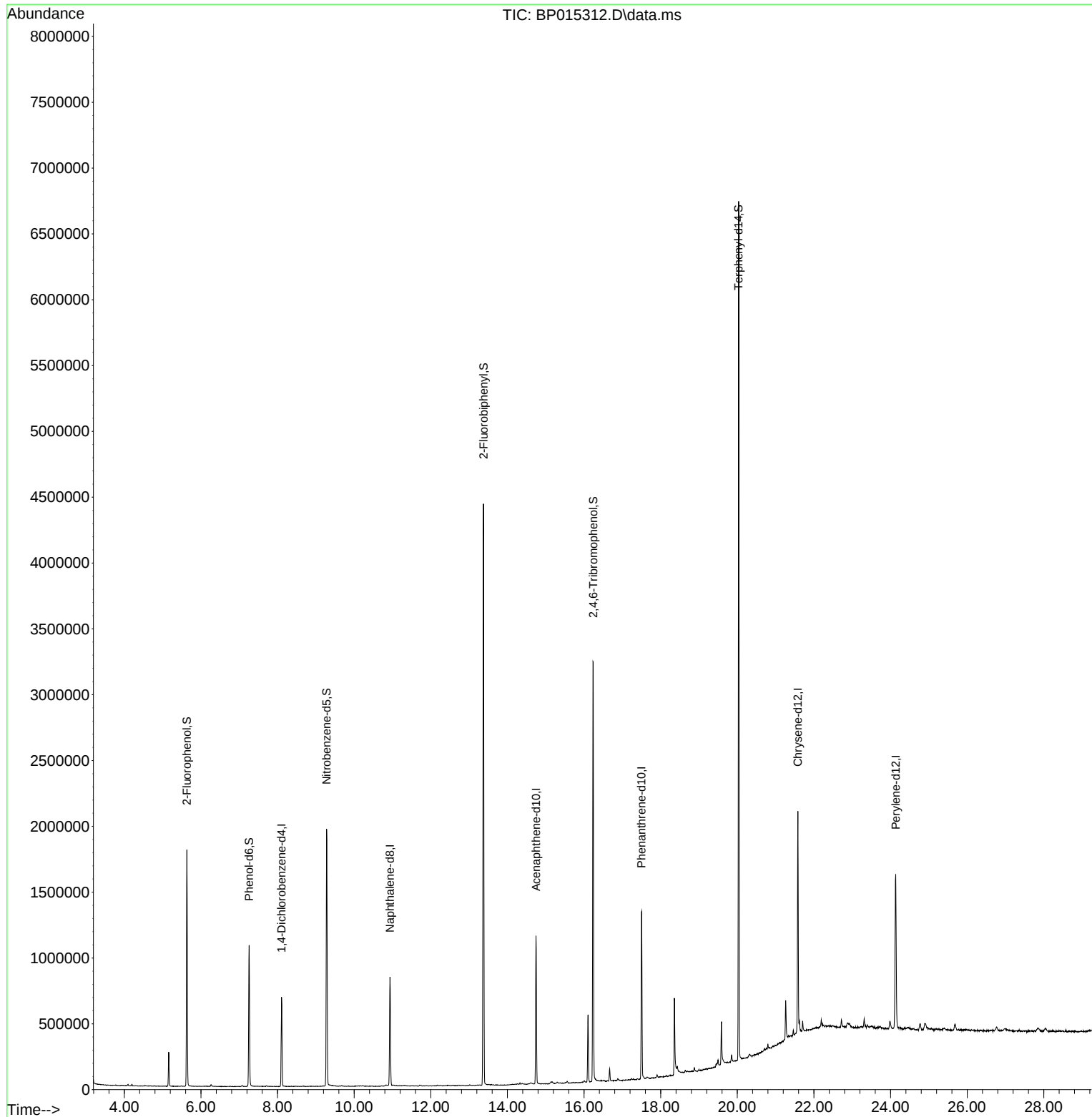
Target Compounds	Qvalue

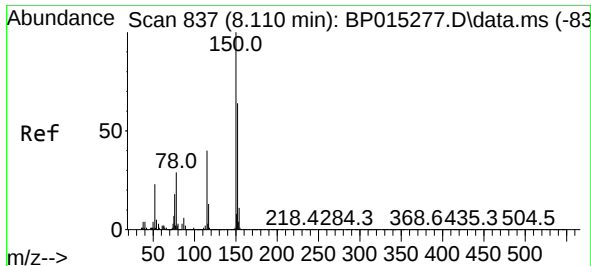
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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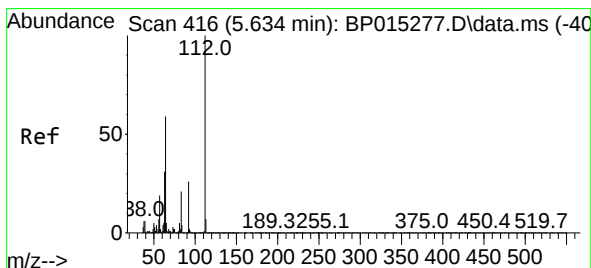
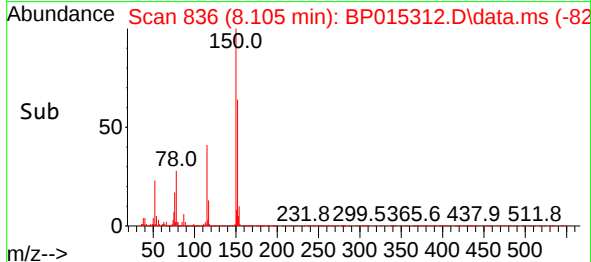
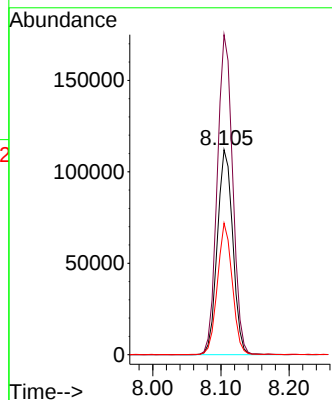
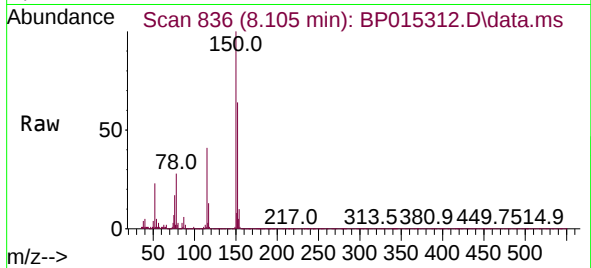




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

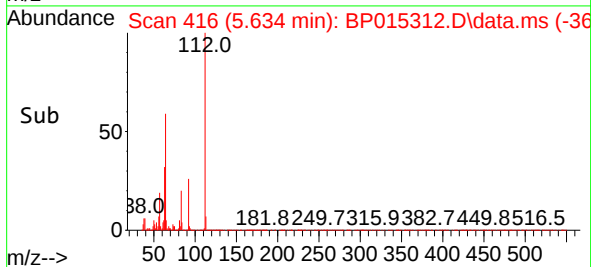
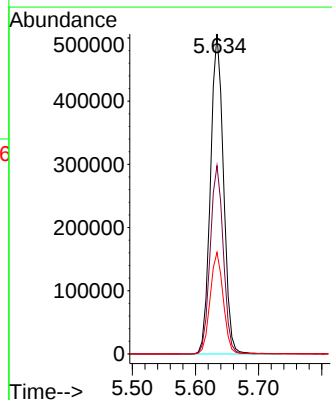
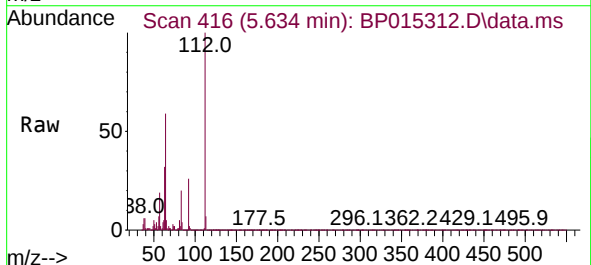
Instrument :
BNA_P
ClientSampleId :
TWP03

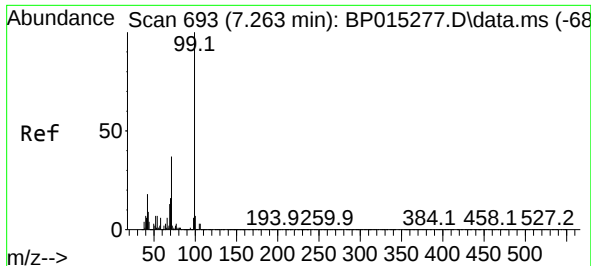
Tgt Ion:152 Resp: 176716
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 64.1 49.1 73.7



#5
2-Fluorophenol
Concen: 68.193 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

Tgt Ion:112 Resp: 727245
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 31.8 24.6 37.0

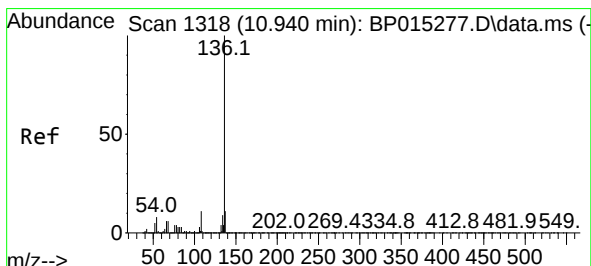
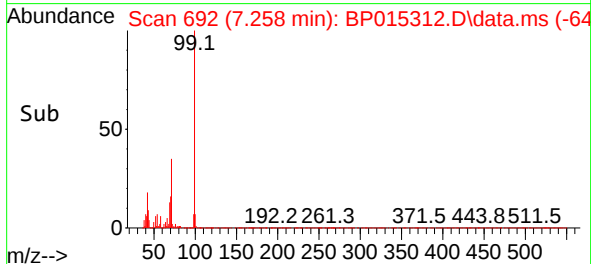
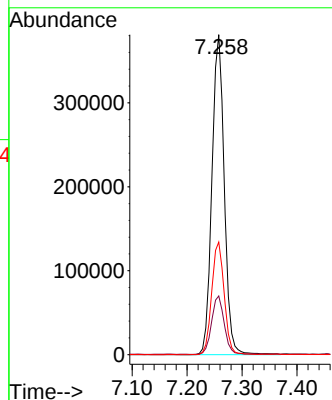
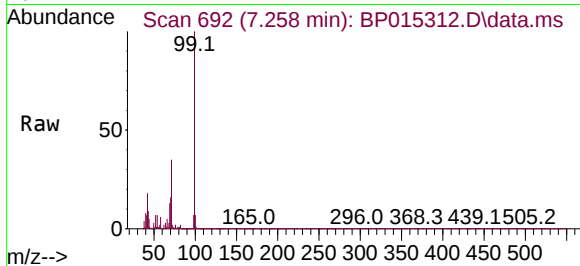




#7
Phenol-d6
Concen: 42.546 ng
RT: 7.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

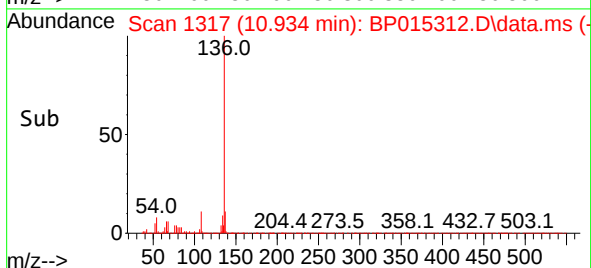
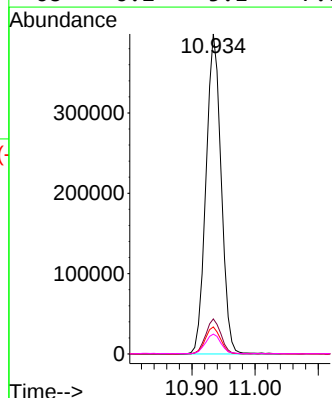
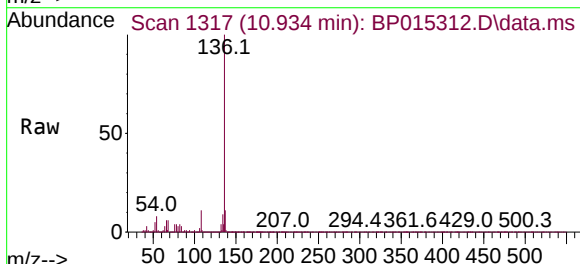
Instrument :
BNA_P
ClientSampleId :
TWP03

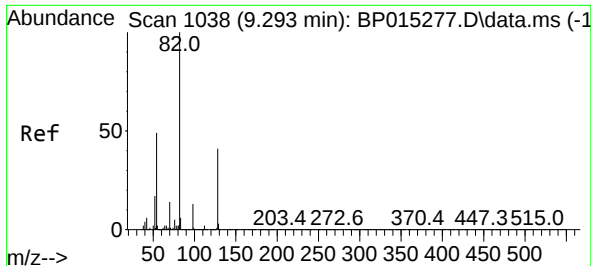
Tgt Ion: 99 Resp: 594627
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 35.2 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

Tgt Ion: 136 Resp: 662747
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 6.3 9.5
68 6.2 5.1 7.7

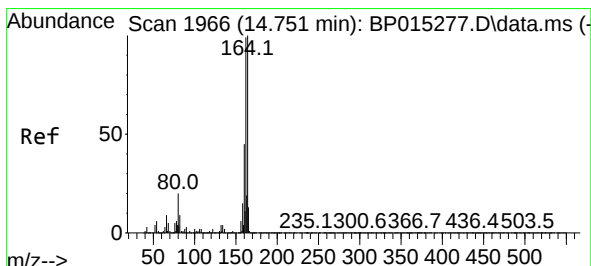
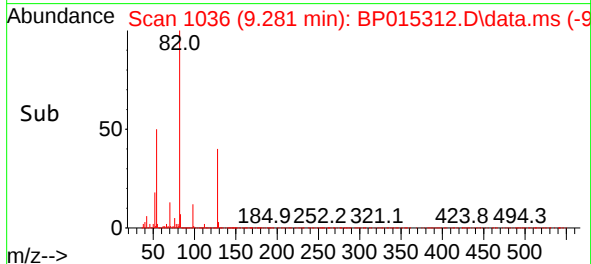
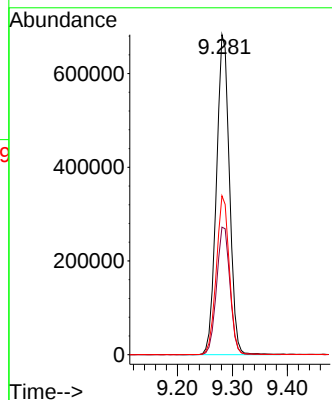
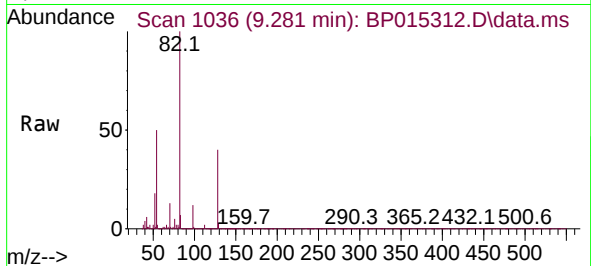




#23
Nitrobenzene-d5
Concen: 83.103 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

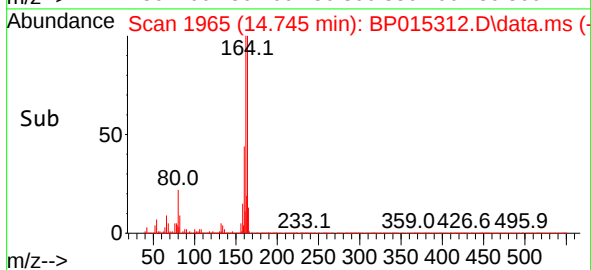
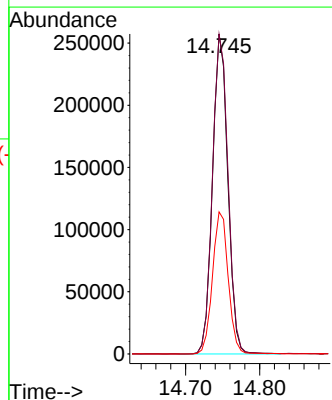
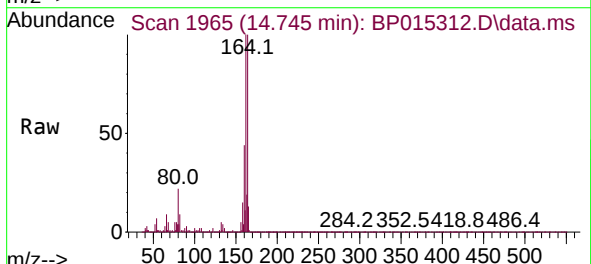
Instrument :
BNA_P
ClientSampleId :
TWP03

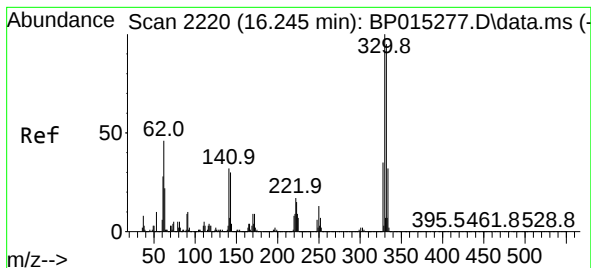
Tgt Ion: 82 Resp: 1128010
Ion Ratio Lower Upper
82 100
128 39.9 33.0 49.4
54 49.7 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015312.D
Acq: 26 May 2023 16:51

Tgt Ion:164 Resp: 369112
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 116.880 ng

RT: 16.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

Instrument :

BNA_P

ClientSampleId :

TWP03

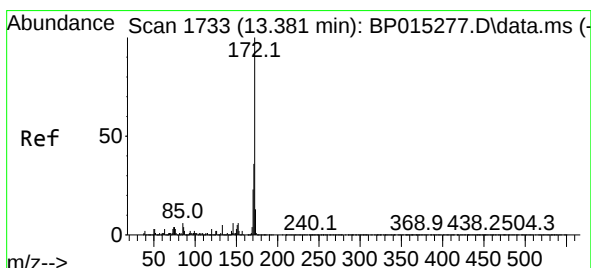
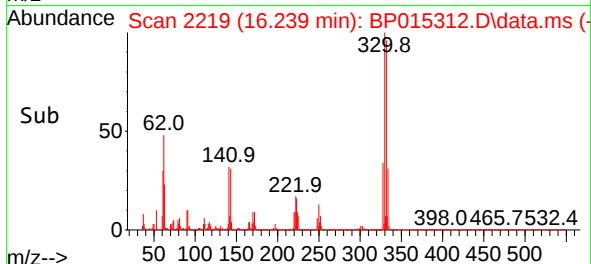
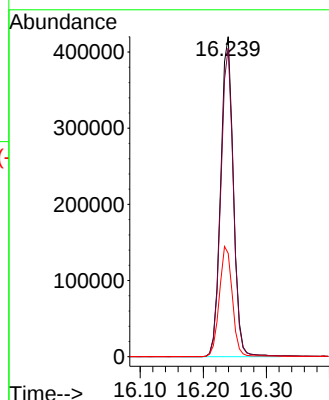
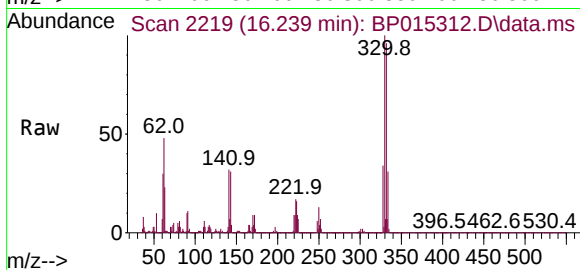
Tgt Ion:330 Resp: 586267

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

141 35.3 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 81.311 ng

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

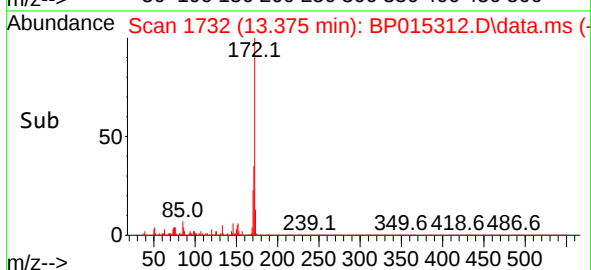
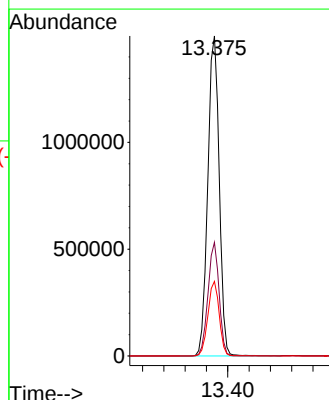
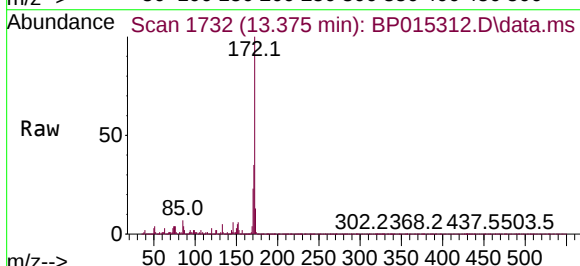
Tgt Ion:172 Resp: 2235502

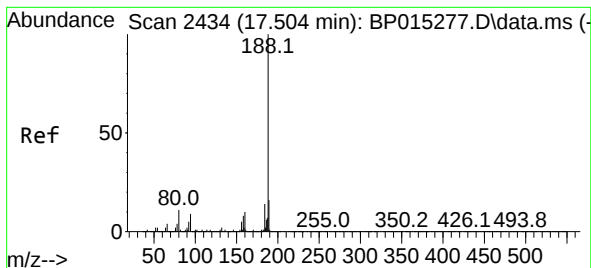
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

Instrument :

BNA_P

ClientSampleId :

TWP03

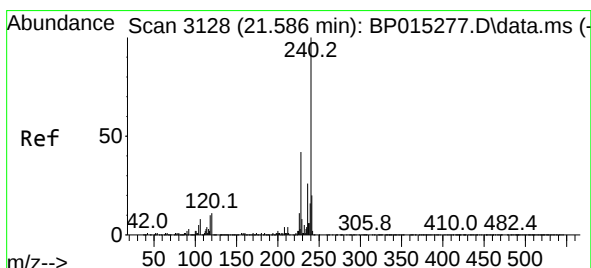
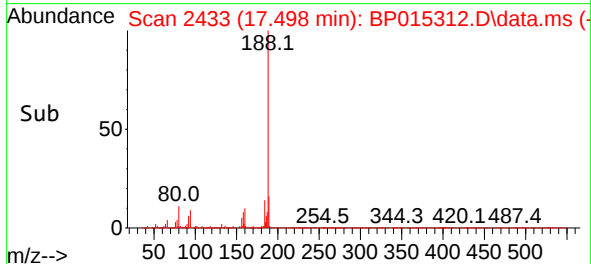
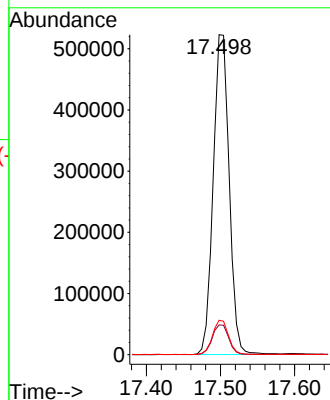
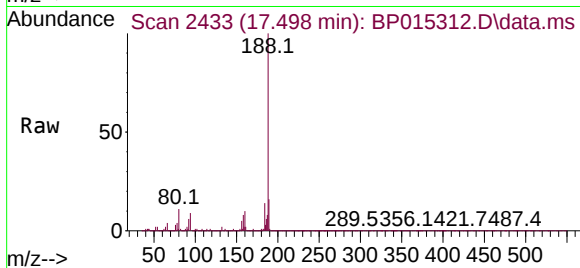
Tgt Ion:188 Resp: 784558

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.7 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

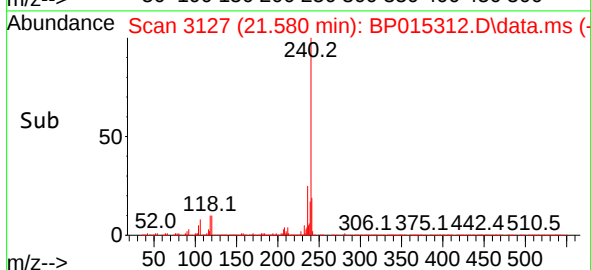
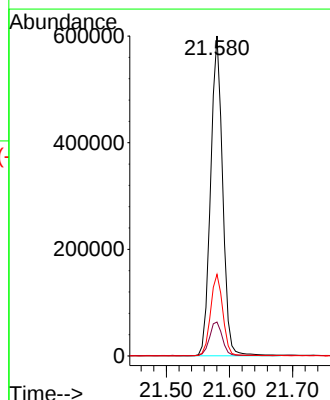
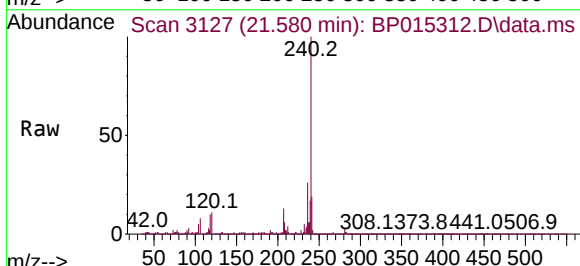
Tgt Ion:240 Resp: 794067

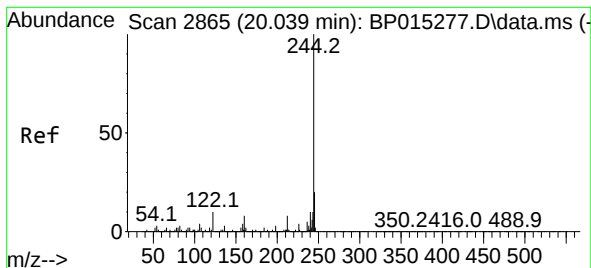
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 74.251 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

Instrument :

BNA_P

ClientSampleId :

TWP03

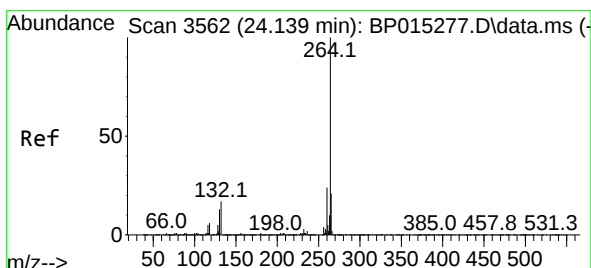
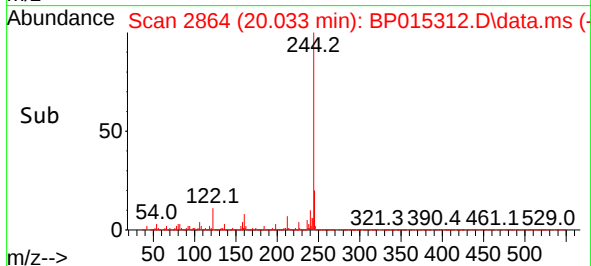
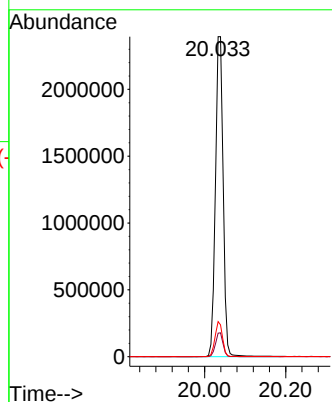
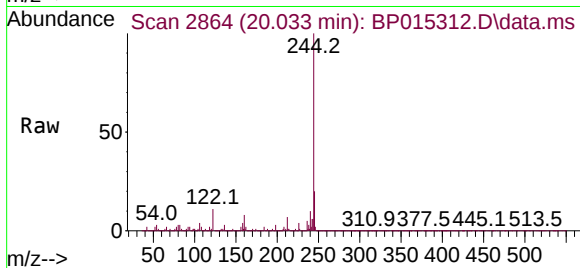
Tgt Ion:244 Resp: 3134592

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.0 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. -0.006 min

Lab File: BP015312.D

Acq: 26 May 2023 16:51

Tgt Ion:264 Resp: 970937

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.1 17.5 26.3

