

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015321.D
 Acq On : 26 May 2023 21:54
 Operator : CG/JU
 Sample : 02945-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB20

Quant Time: May 29 02:08:42 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)

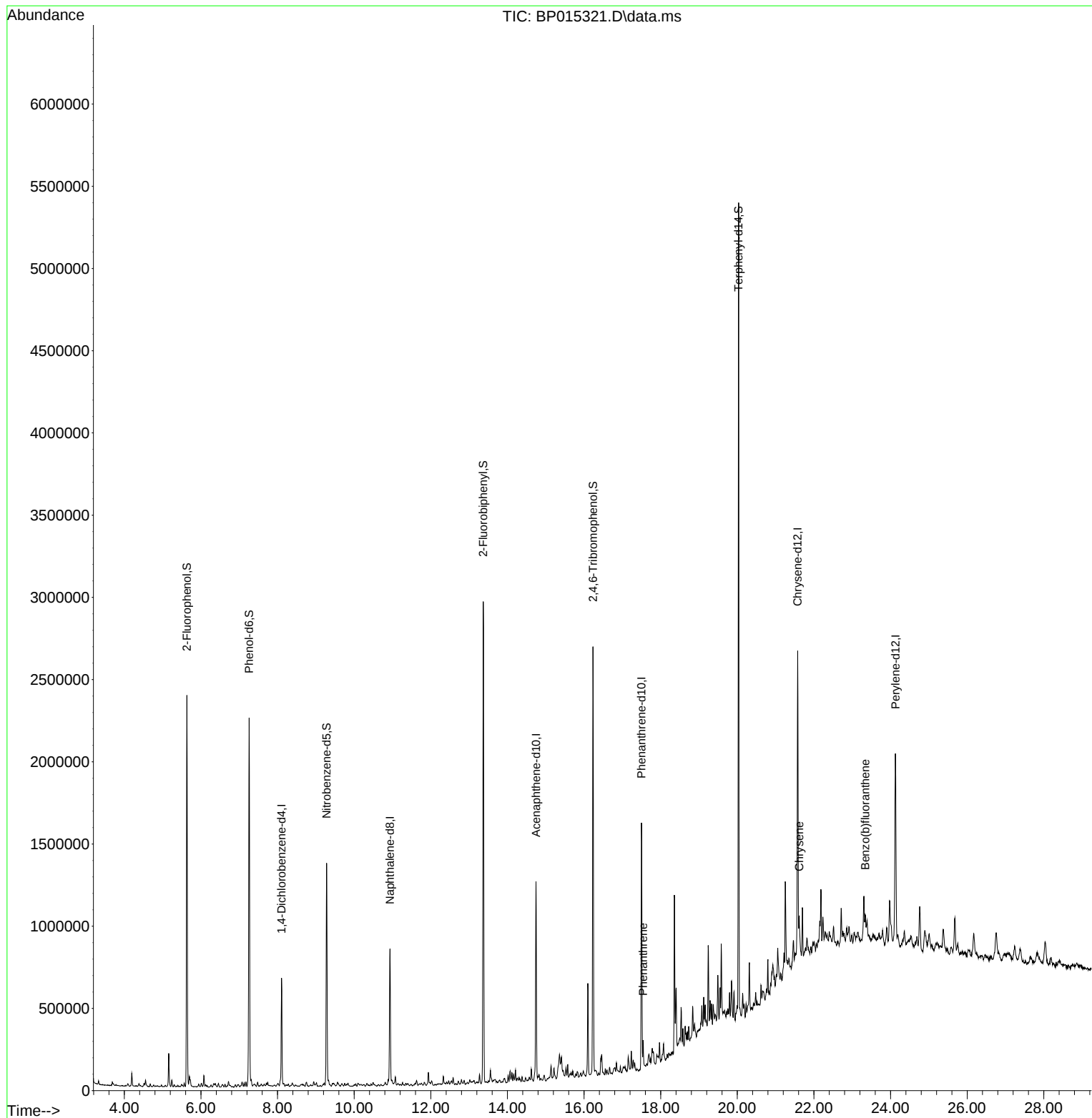
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	170123	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	660189	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	397255	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	878909	20.000	ng	0.00
76) Chrysene-d12	21.574	240	829505	20.000	ng	-0.01
86) Perylene-d12	24.127	264	967855	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	975283	94.996	ng	0.00
7) Phenol-d6	7.257	99	1233530	91.681	ng	0.00
23) Nitrobenzene-d5	9.281	82	776274	57.412	ng	-0.01
42) 2,4,6-Tribromophenol	16.233	330	475851	88.146	ng	-0.01
45) 2-Fluorobiphenyl	13.369	172	1458885	49.304	ng	-0.01
79) Terphenyl-d14	20.033	244	2230755	50.584	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.539	178	101771	2.173	ng	99
83) Chrysene	21.615	228	195855	3.544	ng	# 91
88) Benzo(b)fluoranthene	23.339	252	125890	2.139	ng	# 91

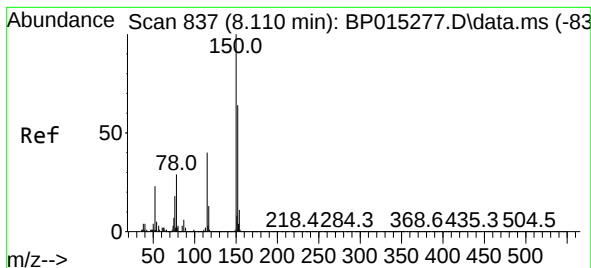
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.104 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP015321.D

Acq: 26 May 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SB20

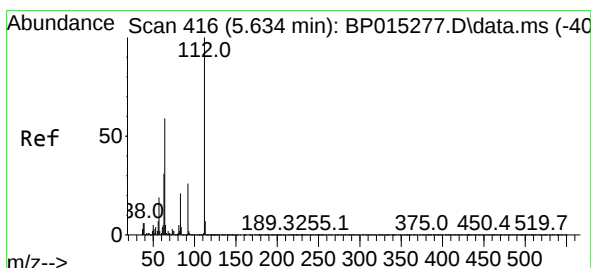
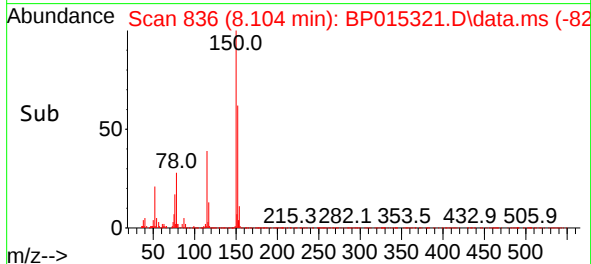
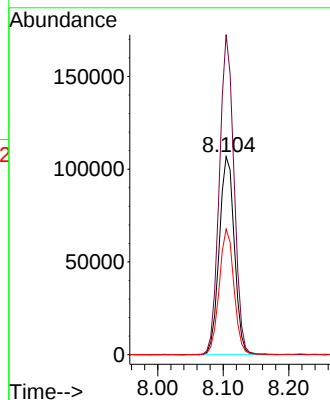
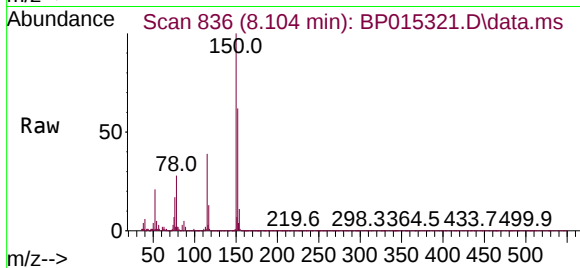
Tgt Ion:152 Resp: 170123

Ion Ratio Lower Upper

152 100

150 161.5 124.2 186.2

115 63.4 49.1 73.7



#5

2-Fluorophenol

Concen: 94.996 ng

RT: 5.634 min Scan# 416

Delta R.T. -0.000 min

Lab File: BP015321.D

Acq: 26 May 2023 21:54

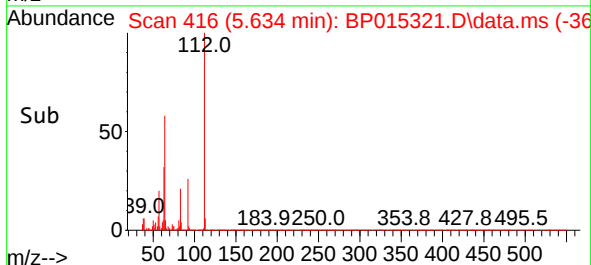
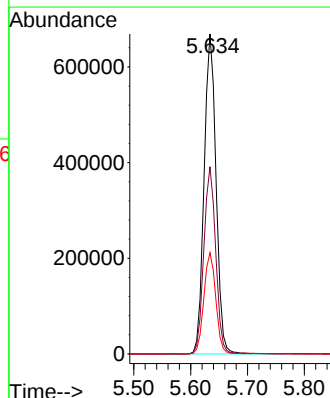
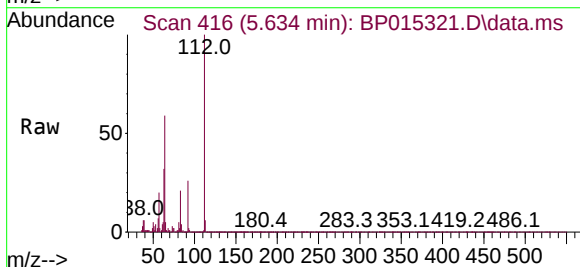
Tgt Ion:112 Resp: 975283

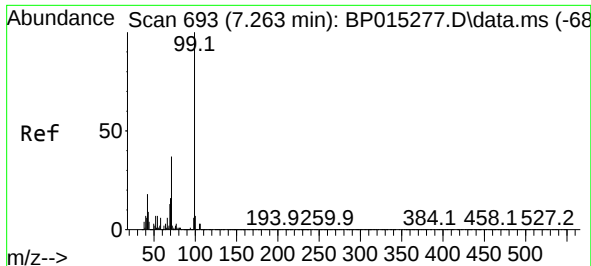
Ion Ratio Lower Upper

112 100

64 58.5 47.2 70.8

63 31.6 24.6 37.0

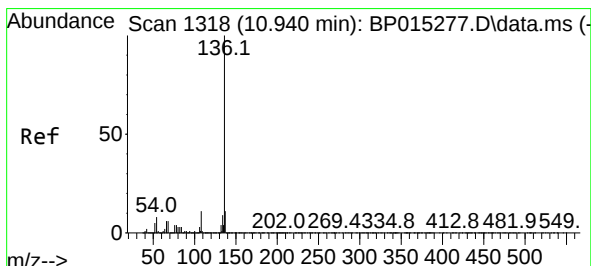
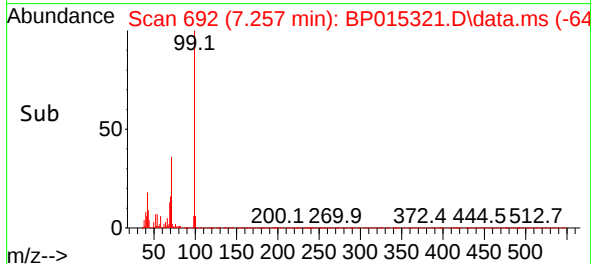
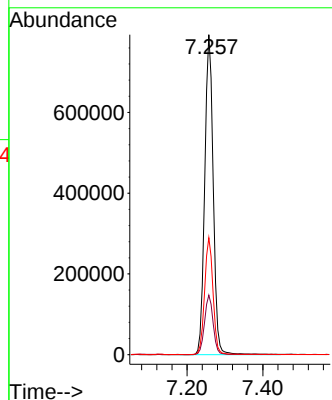
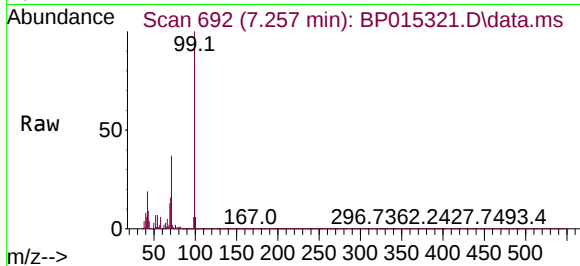




#7
Phenol-d6
Concen: 91.681 ng
RT: 7.257 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

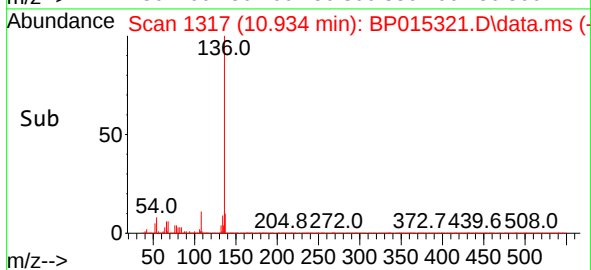
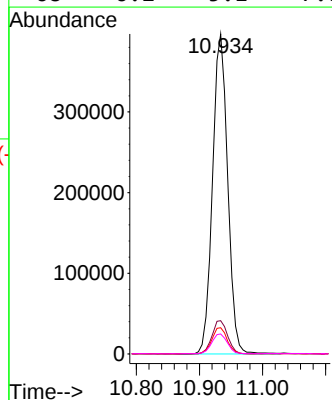
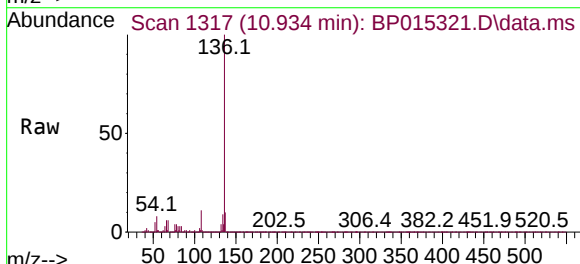
Instrument :
BNA_P
ClientSampleId :
SB20

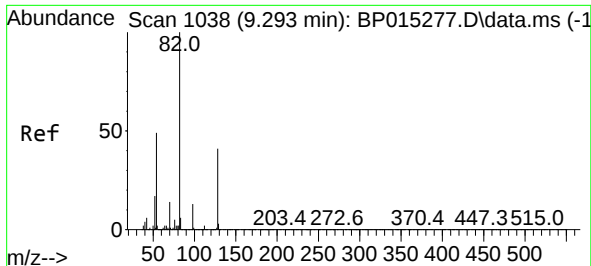
Tgt Ion: 99 Resp: 1233530
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 36.6 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

Tgt Ion: 136 Resp: 660189
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 8.2 6.3 9.5
68 6.2 5.1 7.7

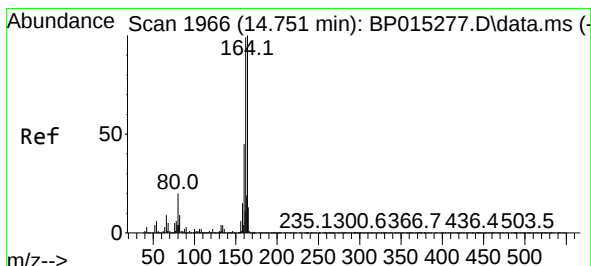
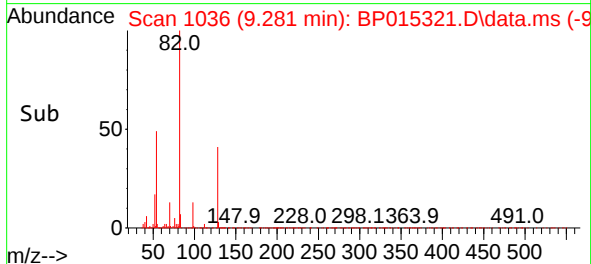
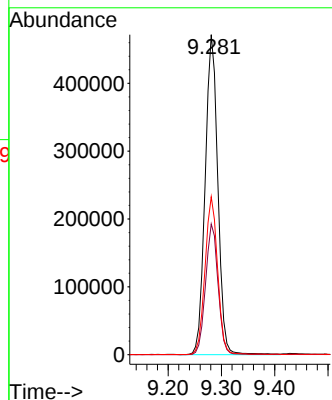
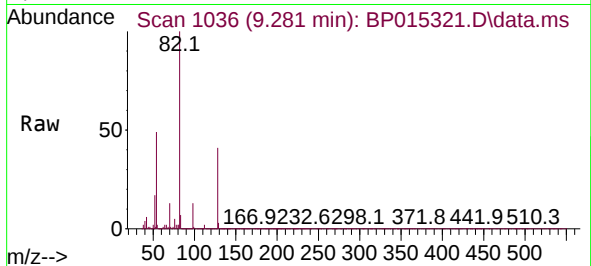




#23
Nitrobenzene-d5
Concen: 57.412 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

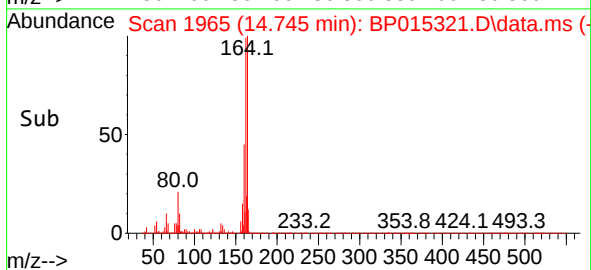
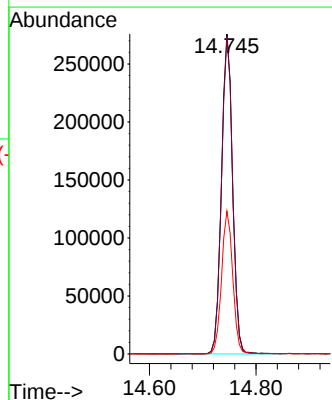
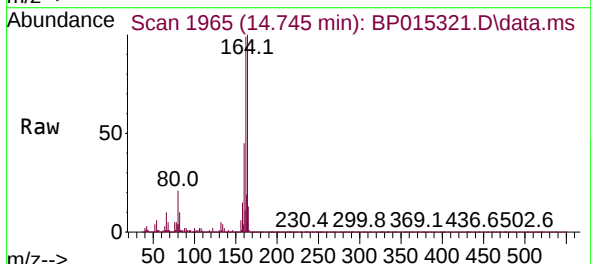
Instrument :
BNA_P
ClientSampleId :
SB20

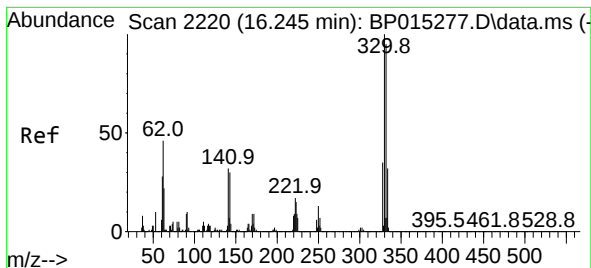
Tgt Ion: 82 Resp: 776274
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.4
54 49.3 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

Tgt Ion: 164 Resp: 397255
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 88.146 ng

RT: 16.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015321.D

Acq: 26 May 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SB20

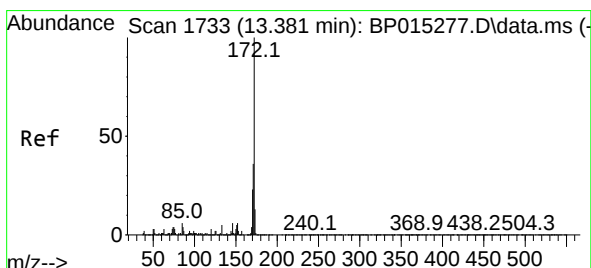
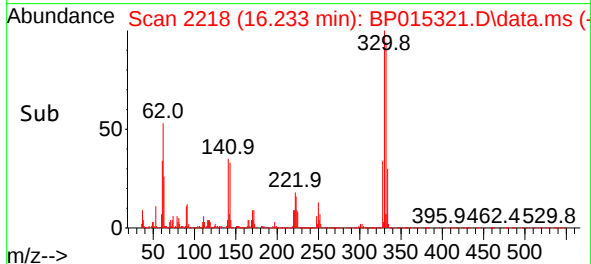
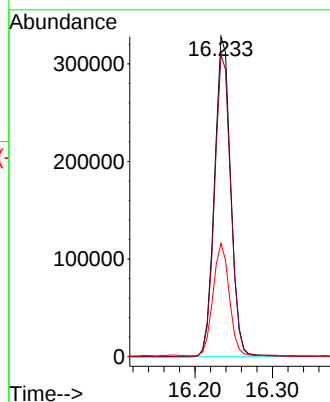
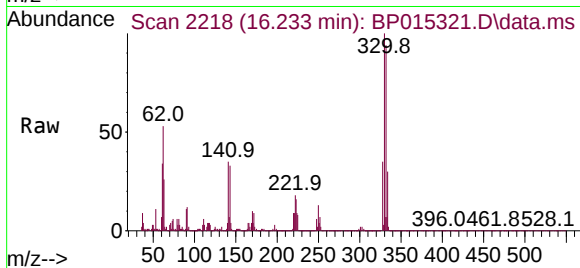
Tgt Ion:330 Resp: 475851

Ion Ratio Lower Upper

330 100

332 95.1 76.3 114.5

141 35.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 49.304 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.012 min

Lab File: BP015321.D

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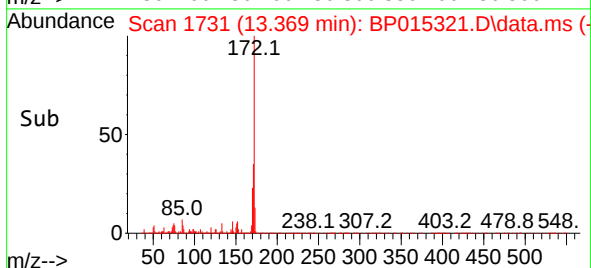
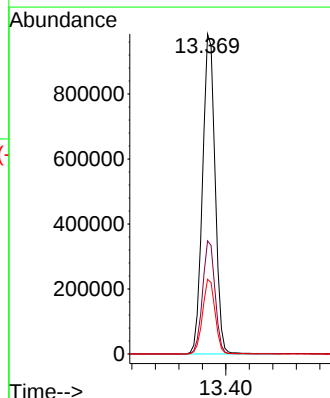
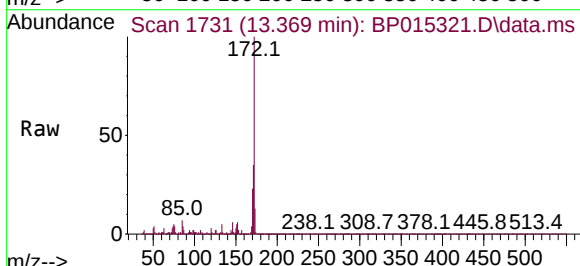
Tgt Ion:172 Resp: 1458885

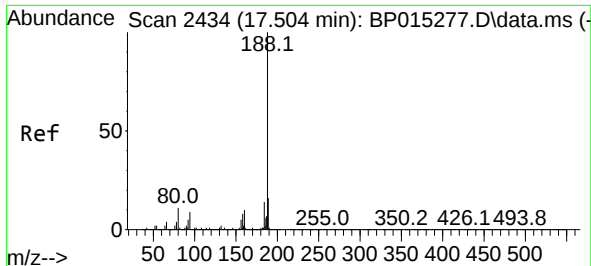
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.7 28.1

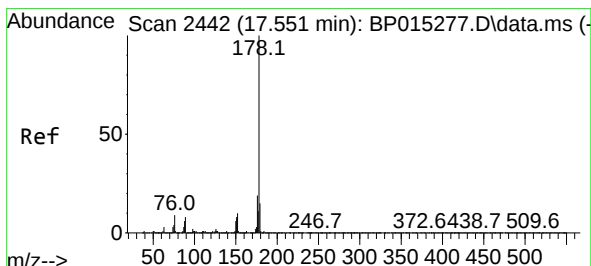
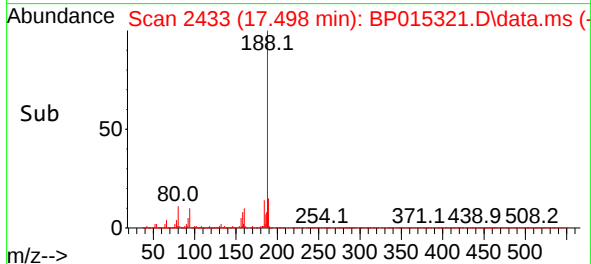
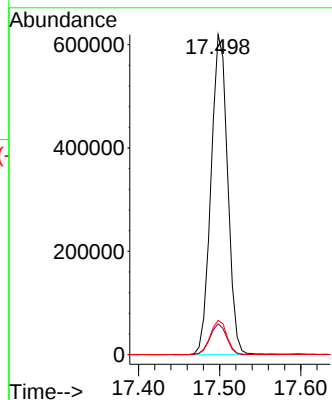
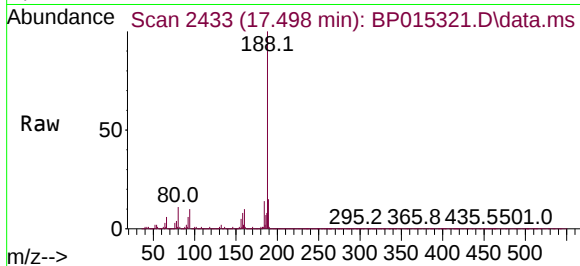




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

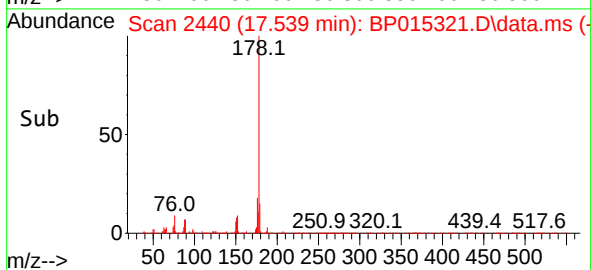
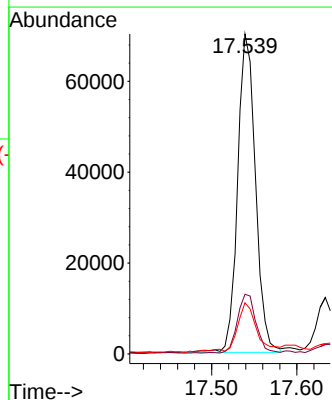
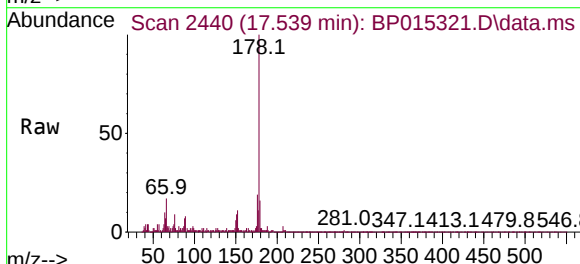
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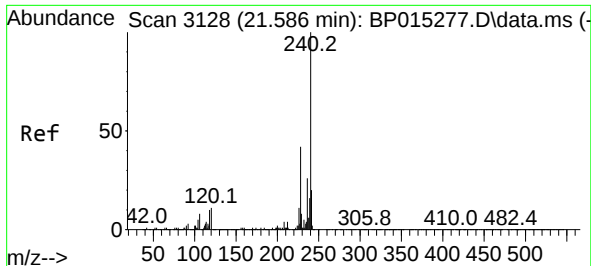
Tgt Ion:188 Resp: 878909
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.7 8.6 13.0



#71
Phenanthrene
Concen: 2.173 ng
RT: 17.539 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

Tgt Ion:178 Resp: 101771
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 16.0 12.3 18.5

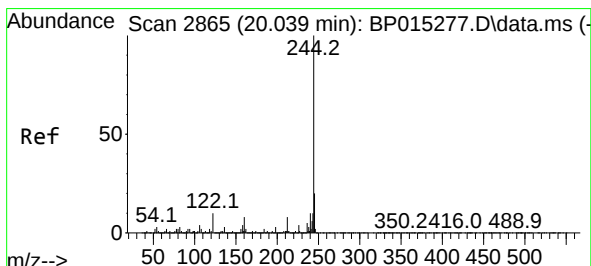
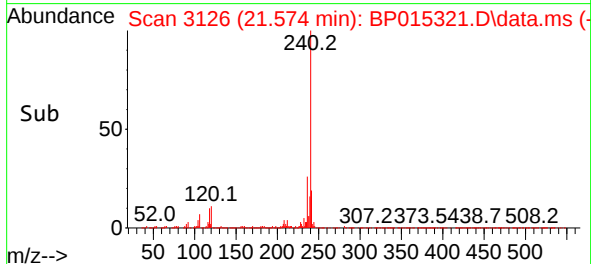
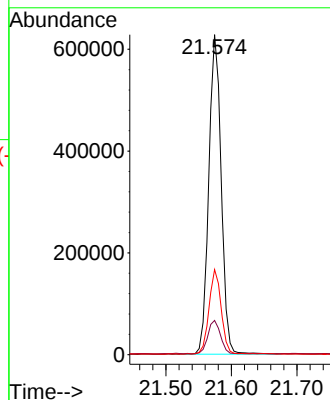
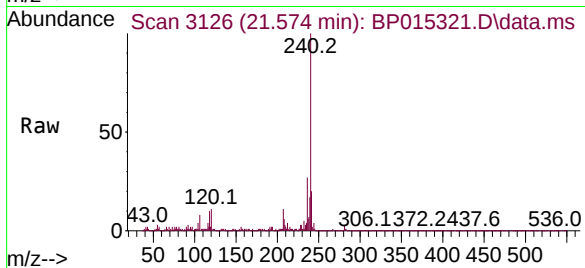




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

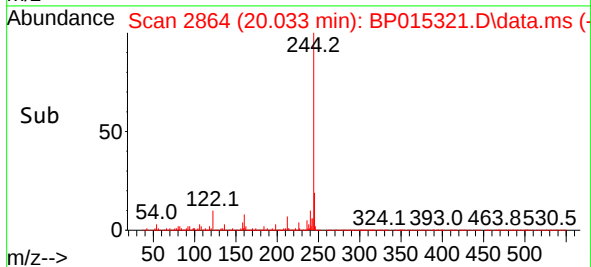
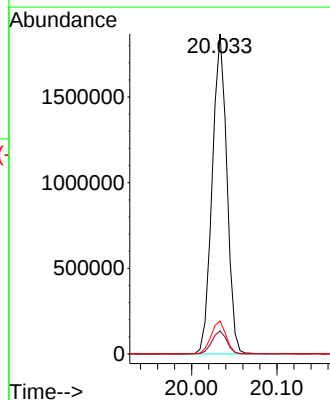
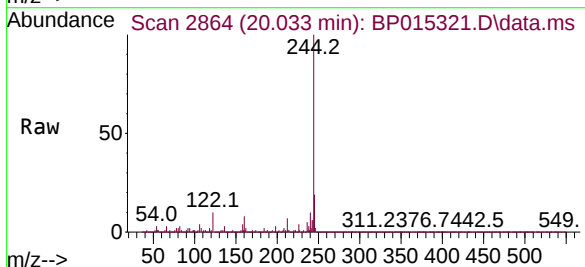
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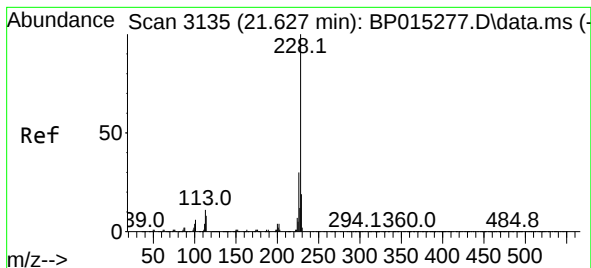
Tgt Ion:240 Resp: 829505
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.6 20.5 30.7



#79
Terphenyl-d14
Concen: 50.584 ng
RT: 20.033 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BP015321.D
Acq: 26 May 2023 21:54

Tgt Ion:244 Resp: 2230755
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.3 8.2 12.4





#83

Chrysene

Concen: 3.544 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP015321.D

Acq: 26 May 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SB20

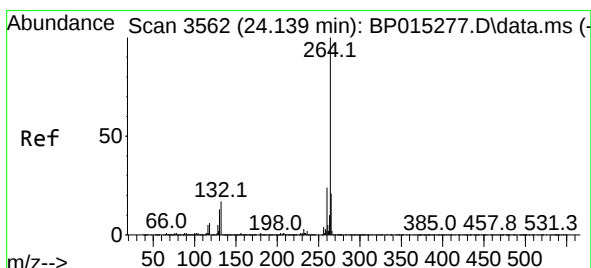
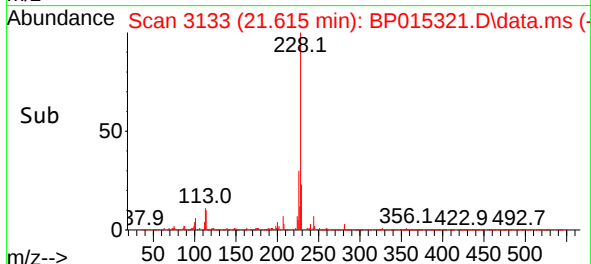
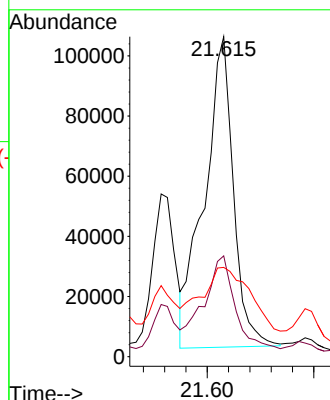
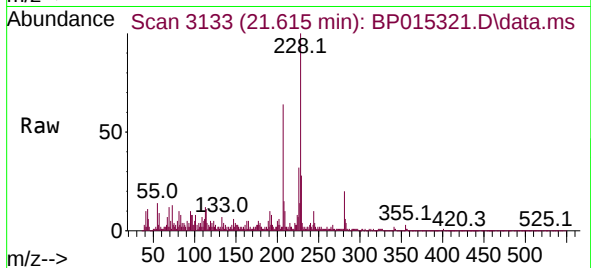
Tgt Ion:228 Resp: 195855

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

229 27.9 15.5 23.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 3560

Delta R.T. -0.012 min

Lab File: BP015321.D

Acq: 26 May 2023 21:54

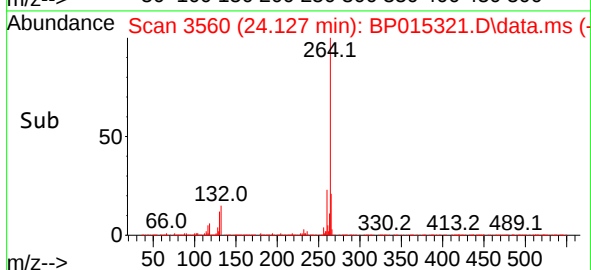
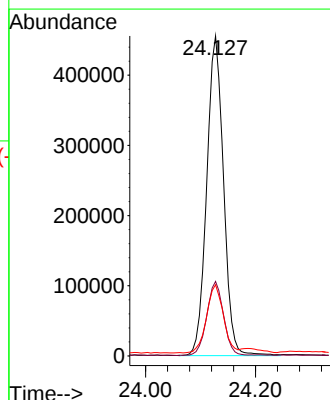
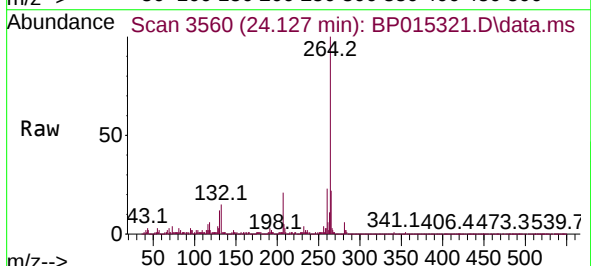
Tgt Ion:264 Resp: 967855

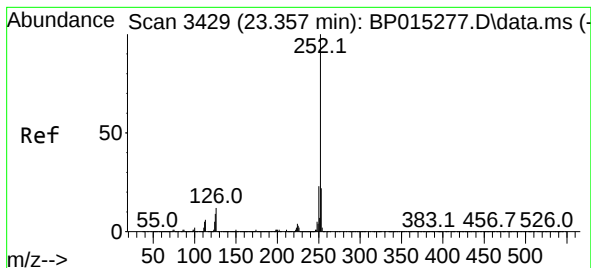
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.2 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.139 ng

RT: 23.339 min Scan# 34

Delta R.T. -0.018 min

Lab File: BP015321.D

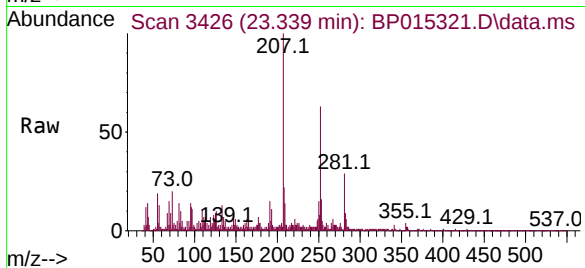
Acq: 26 May 2023 21:54

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Tgt Ion:252 Resp: 125890

Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.2

125 14.5 7.2 10.8#

