

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019452.D
 Acq On : 26 Jan 2024 16:00
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158491BL

Quant Time: Jan 27 00:15:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 23:43:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	85512	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	347684	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	249456	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	599849	20.000	ng	0.00
76) Chrysene-d12	21.404	240	568735	20.000	ng	0.00
86) Perylene-d12	23.833	264	562598	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590804	108.695	ng	0.00
7) Phenol-d6	7.092	99	820427	102.186	ng	0.00
23) Nitrobenzene-d5	9.092	82	540755	70.047	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	345165	106.845	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1254764	66.668	ng	0.00
79) Terphenyl-d14	19.886	244	2415049	69.620	ng	0.00

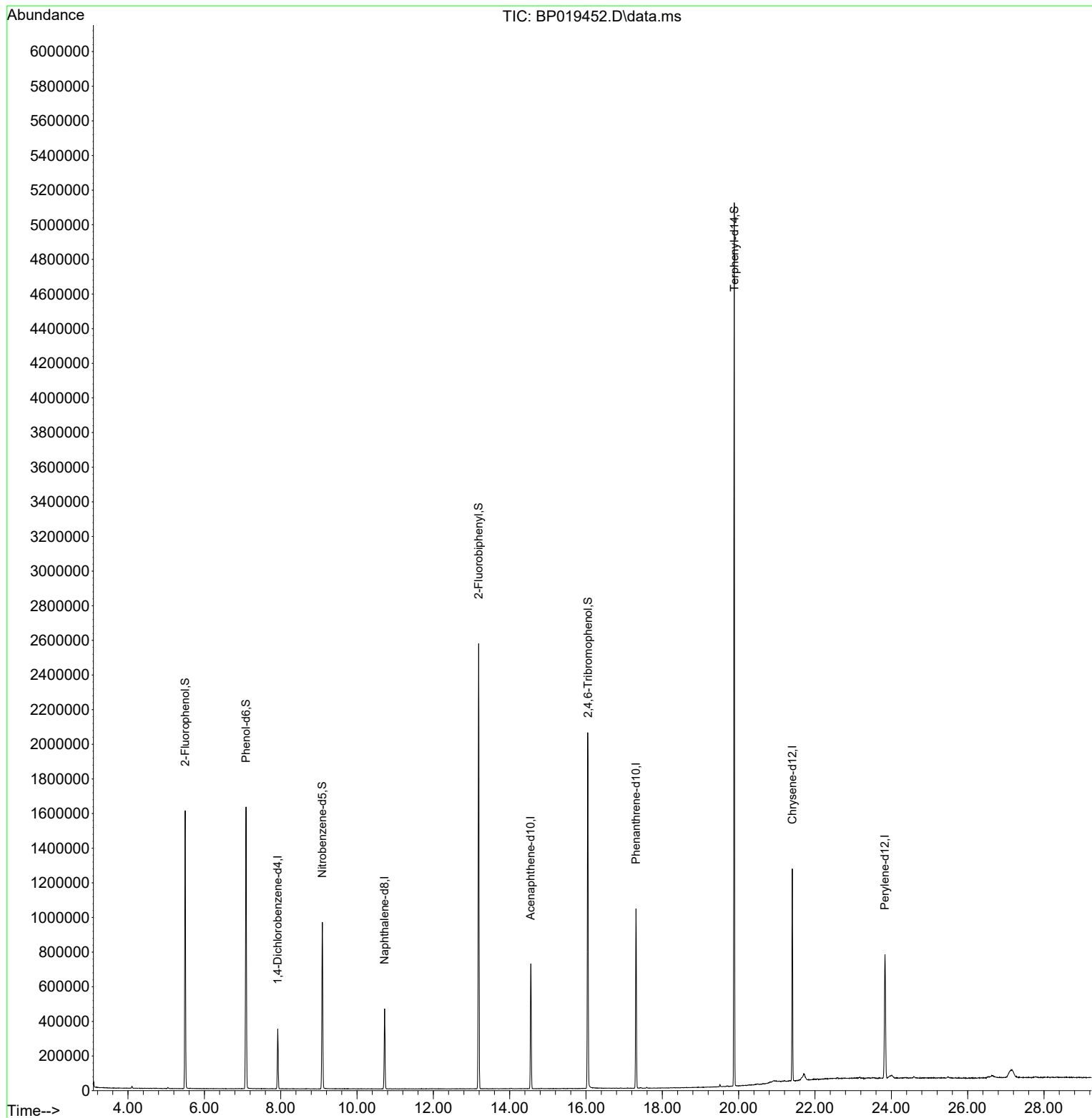
Target Compounds	Qvalue

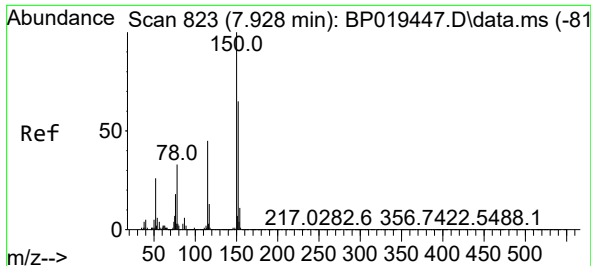
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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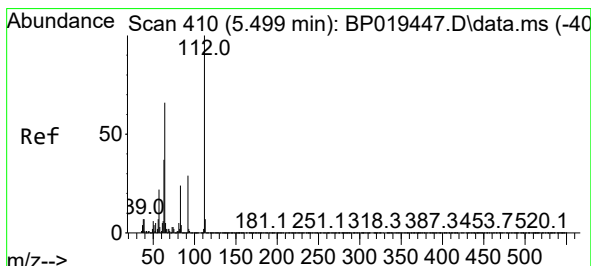
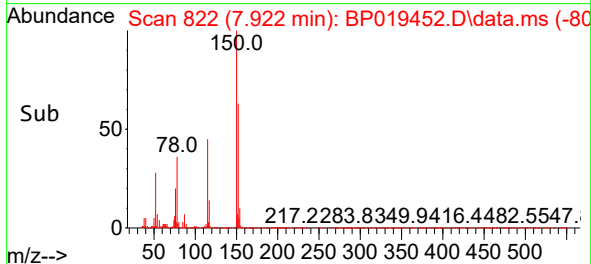
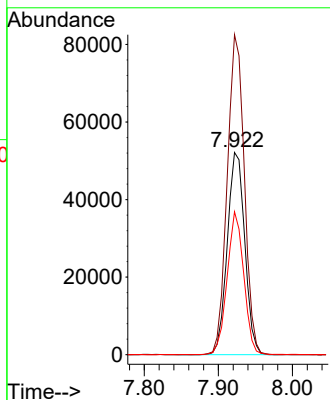
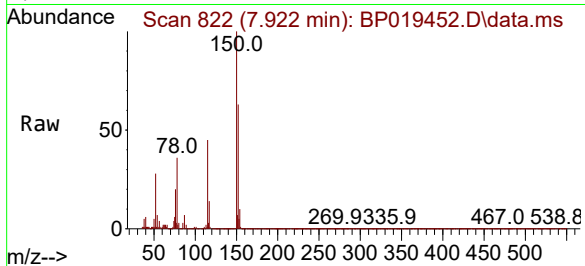




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

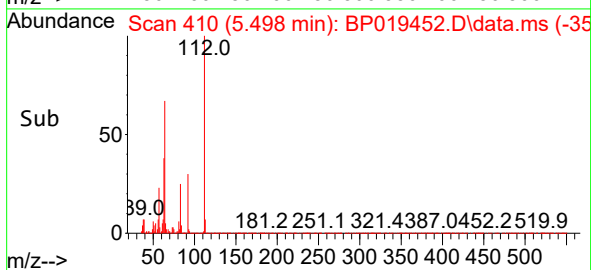
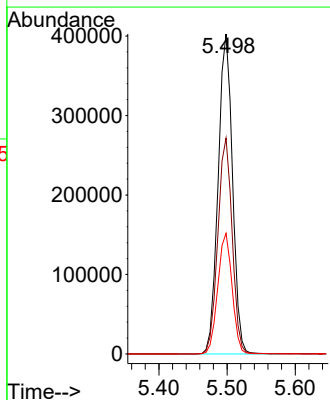
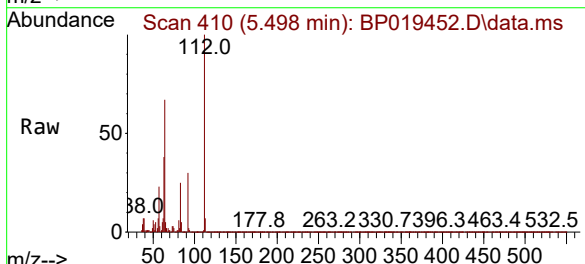
Instrument :
BNA_P
ClientSampleId :
PB158491BL

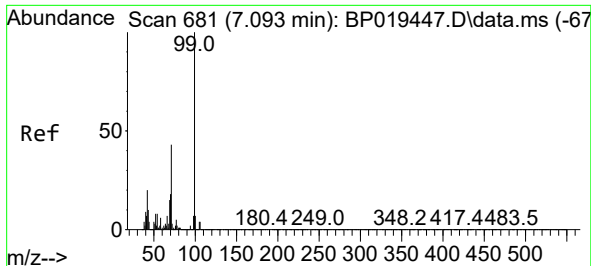
Tgt Ion:152 Resp: 85512
Ion Ratio Lower Upper
152 100
150 158.2 123.5 185.3
115 70.6 55.1 82.7



#5
2-Fluorophenol
Concen: 108.695 ng
RT: 5.498 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:112 Resp: 590804
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 37.7 29.4 44.0

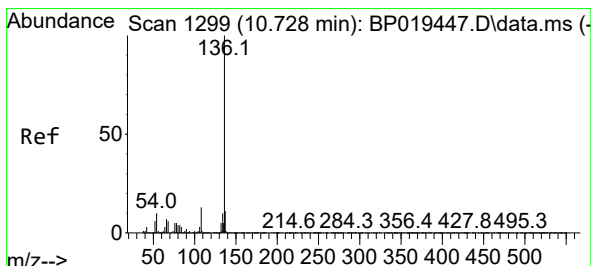
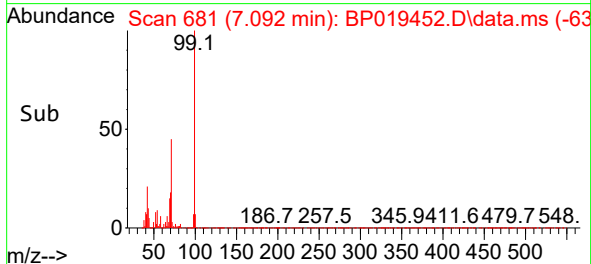
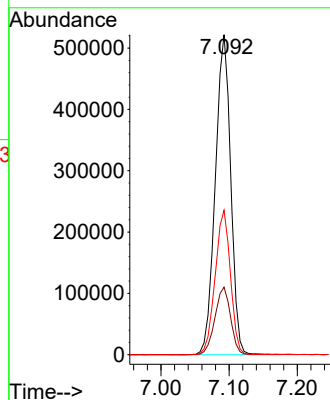
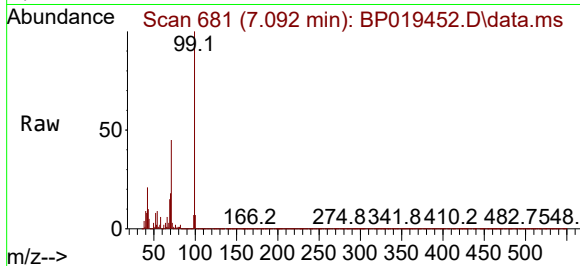




#7
Phenol-d6
Concen: 102.186 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

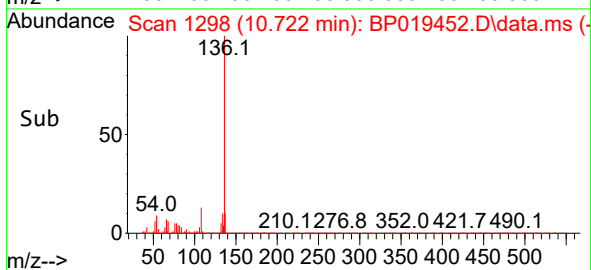
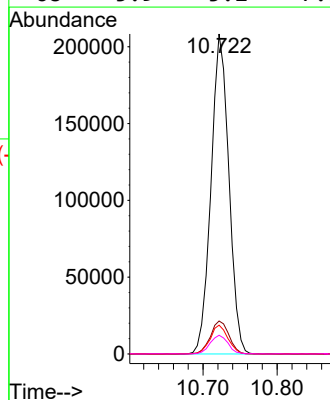
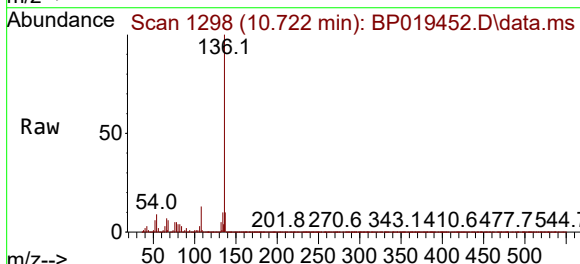
Instrument :
BNA_P
ClientSampleId :
PB158491BL

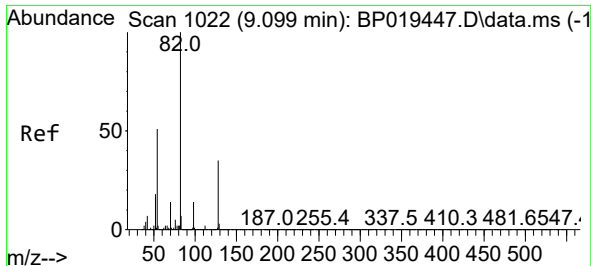
Tgt Ion: 99 Resp: 820427
Ion Ratio Lower Upper
99 100
42 21.1 16.4 24.6
71 45.2 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion: 136 Resp: 347684
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 9.0 7.8 11.6
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 70.047 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL

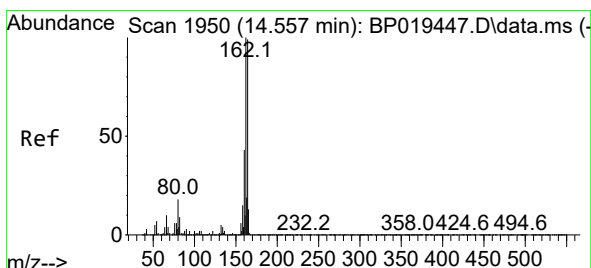
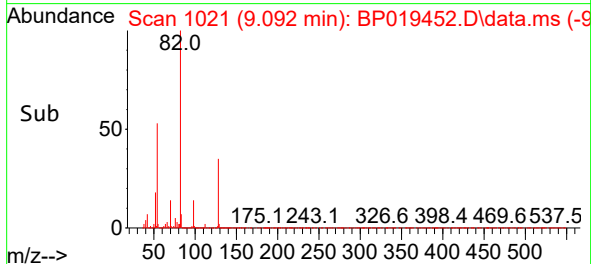
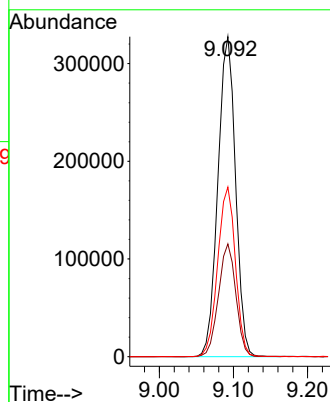
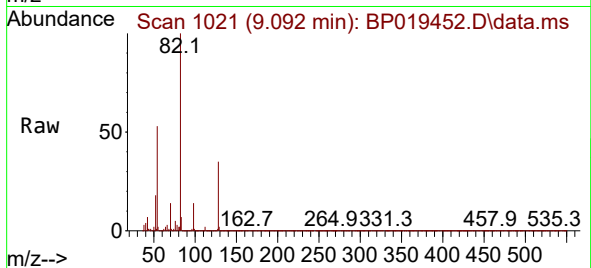
Tgt Ion: 82 Resp: 540755

Ion Ratio Lower Upper

82 100

128 35.3 28.2 42.2

54 53.0 41.1 61.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

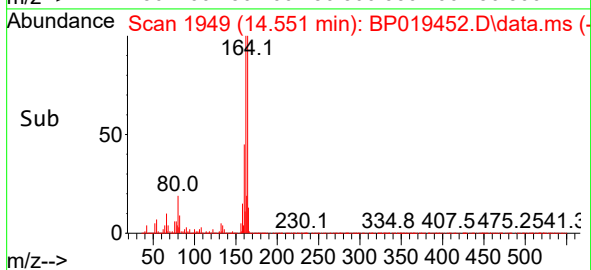
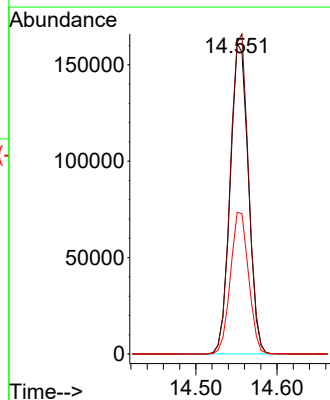
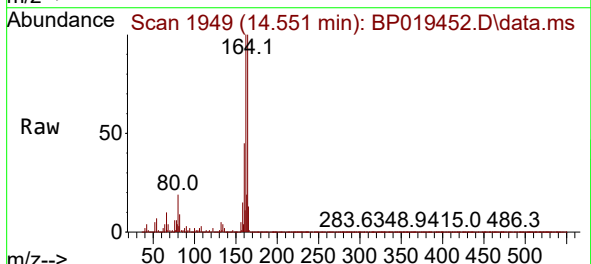
Tgt Ion: 164 Resp: 249456

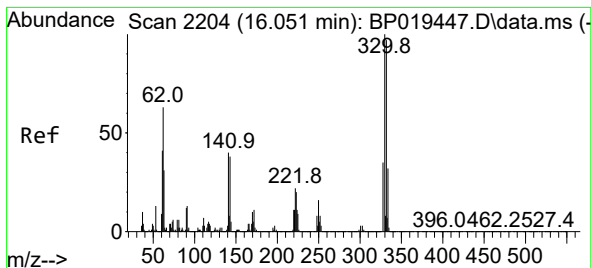
Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

160 45.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 106.845 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019452.D

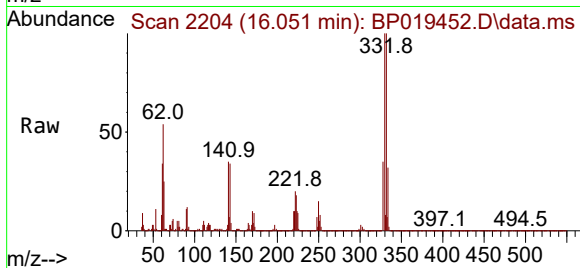
Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL



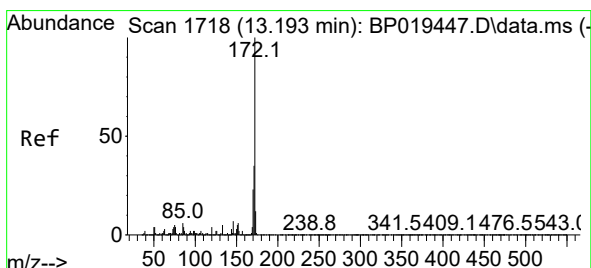
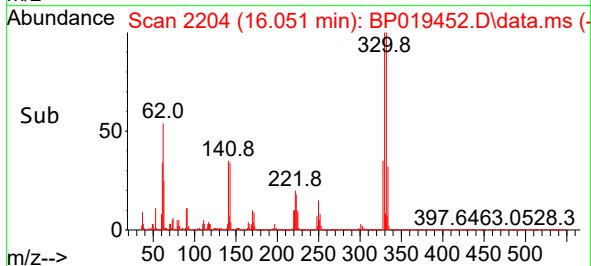
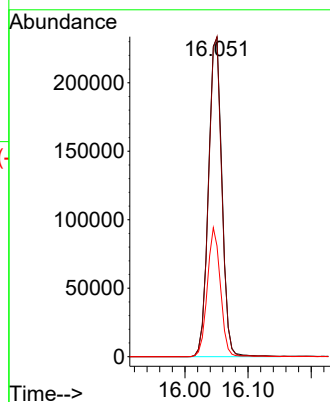
Tgt Ion:330 Resp: 345165

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

141 39.4 30.9 46.3



#45

2-Fluorobiphenyl

Concen: 66.668 ng

RT: 13.186 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

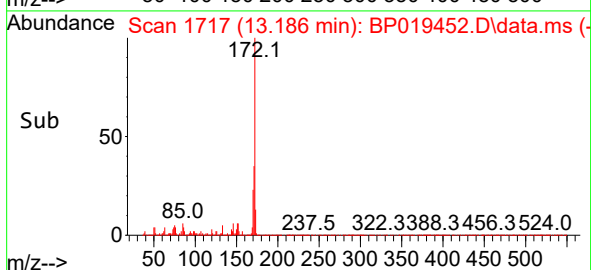
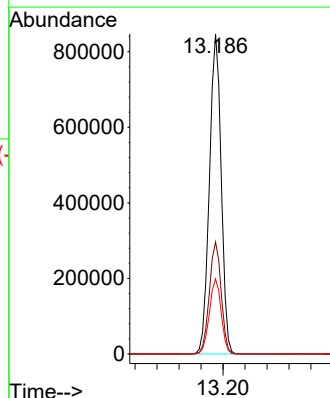
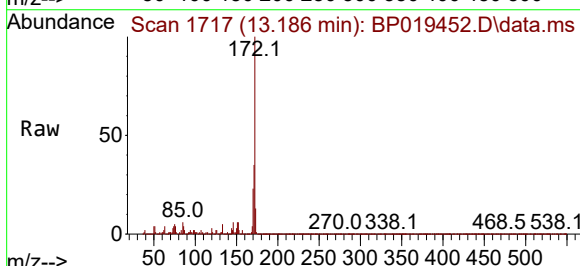
Tgt Ion:172 Resp: 1254764

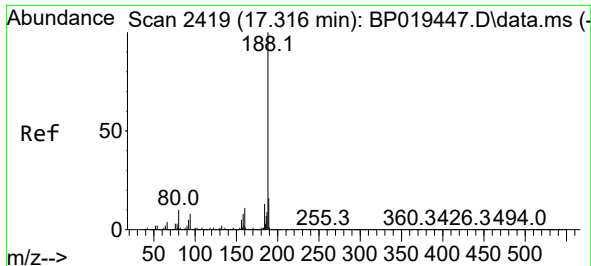
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.4 18.7 28.1

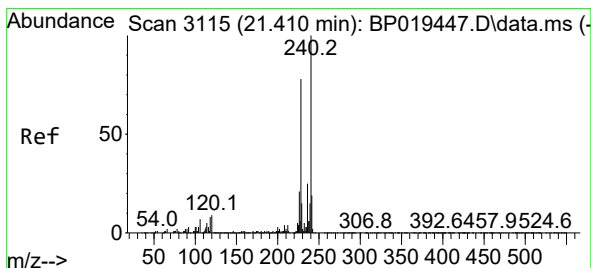
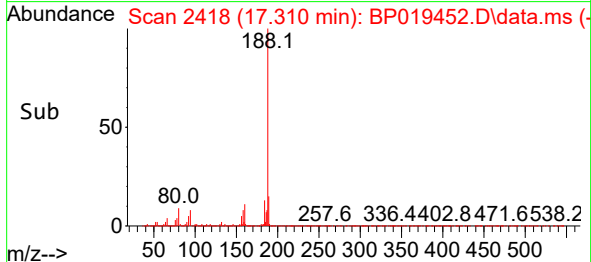
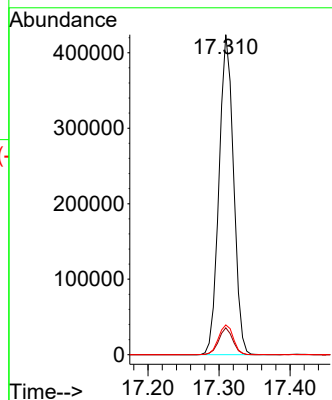
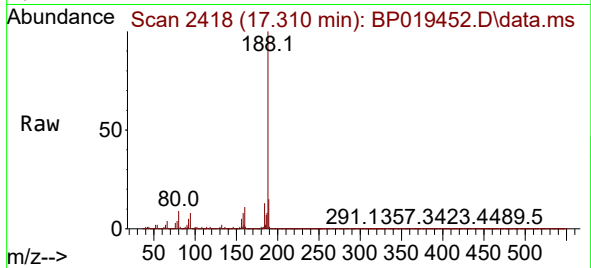




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

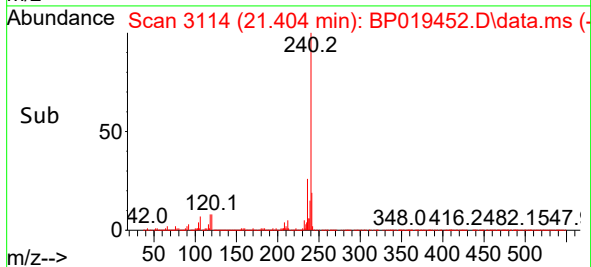
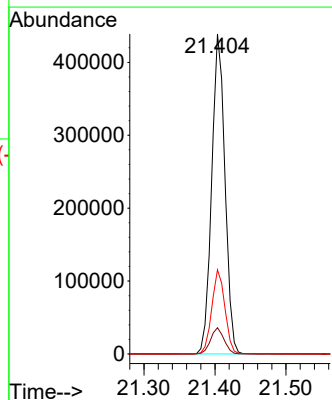
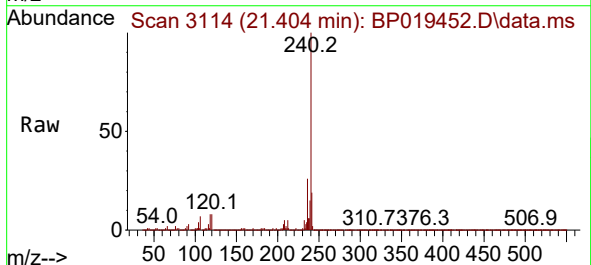
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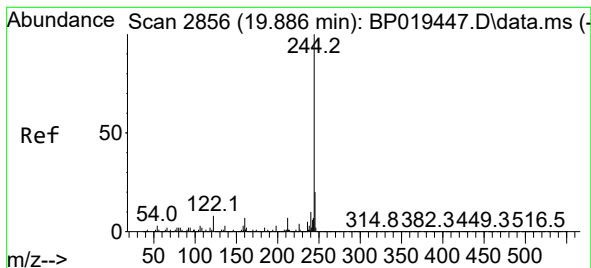
Tgt Ion:188 Resp: 599849
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:240 Resp: 568735
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 69.620 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL

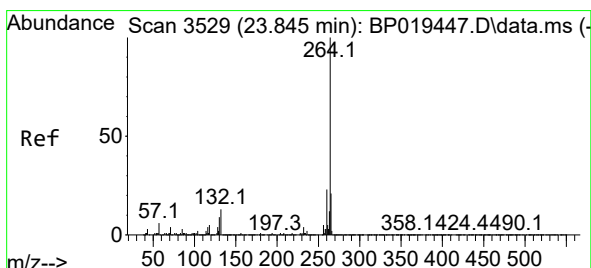
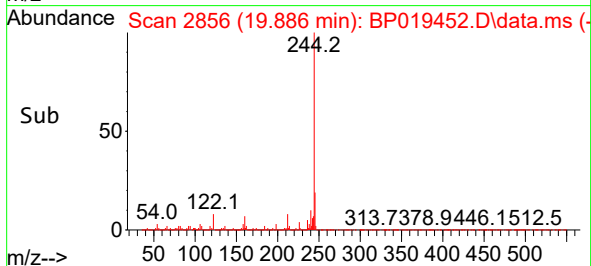
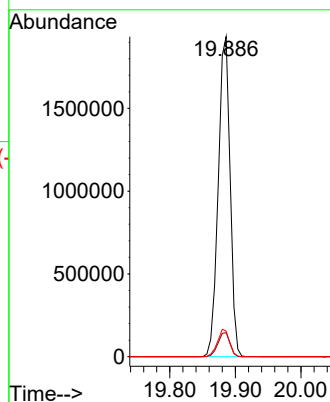
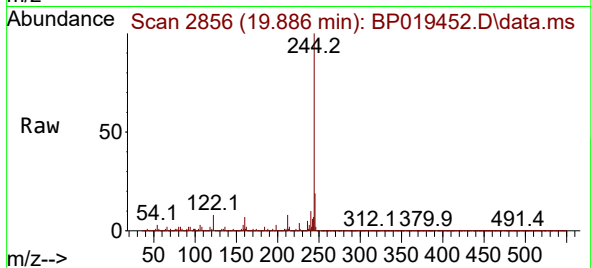
Tgt Ion:244 Resp: 2415049

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.012 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Tgt Ion:264 Resp: 562598

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.3 16.4 24.6

