

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019721.D
 Acq On : 15 Feb 2024 14:05
 Operator : MA/JU
 Sample : P1414-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-7(12-13)

Quant Time: Feb 15 14:30:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	62149	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	228159	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	150365	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	380387	20.000	ng	0.00
76) Chrysene-d12	21.386	240	386198	20.000	ng	0.00
86) Perylene-d12	23.810	264	439635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	393616	102.090	ng	0.00
7) Phenol-d6	7.075	99	501730	96.510	ng	-0.01
23) Nitrobenzene-d5	9.075	82	343039	65.149	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	305918	139.343	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	793779	65.261	ng	-0.02
79) Terphenyl-d14	19.863	244	1719853	73.236	ng	0.00

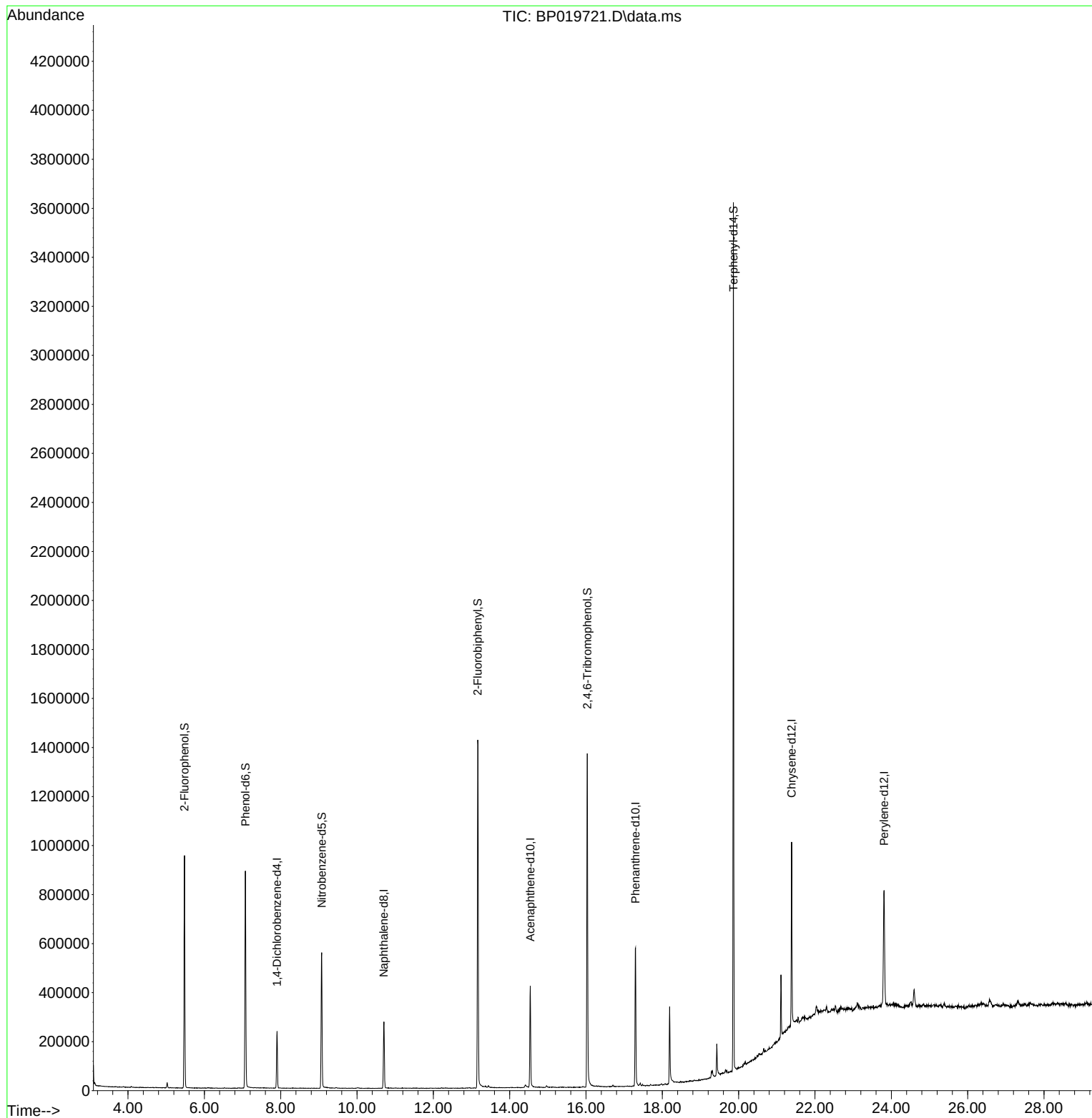
Target Compounds	Qvalue

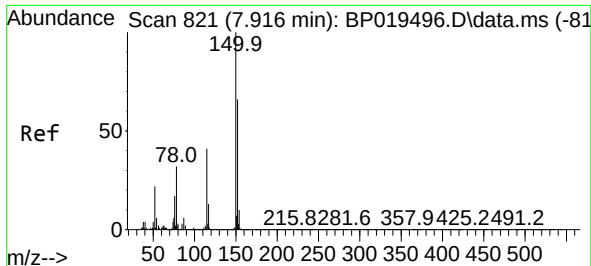
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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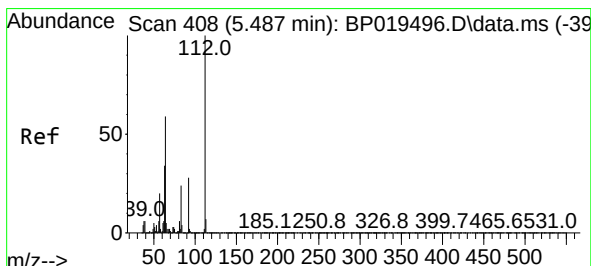
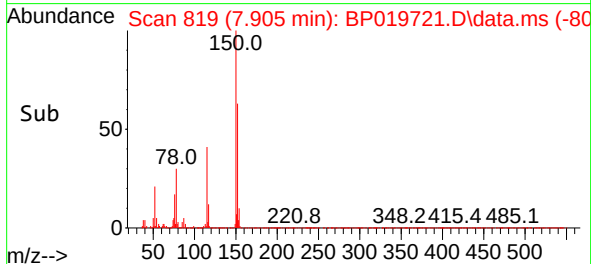
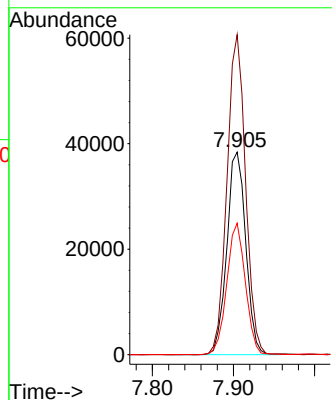
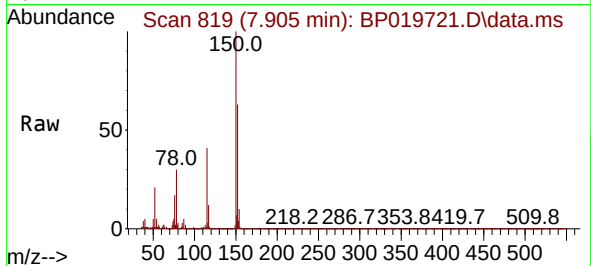




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019721.D
Acq: 15 Feb 2024 14:05

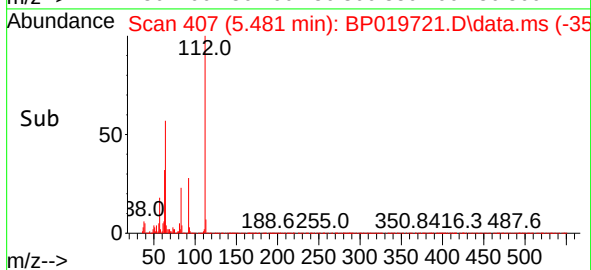
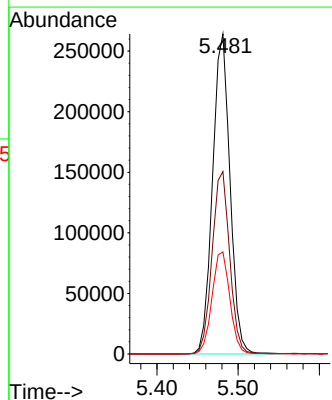
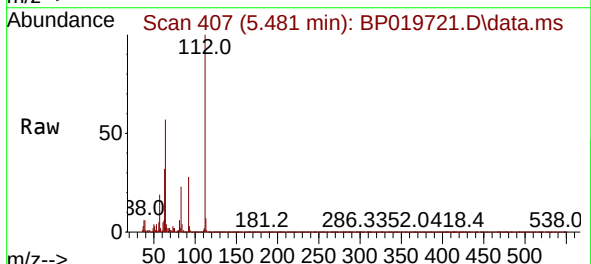
Instrument :
BNA_P
ClientSampleId :
SB-7(12-13)

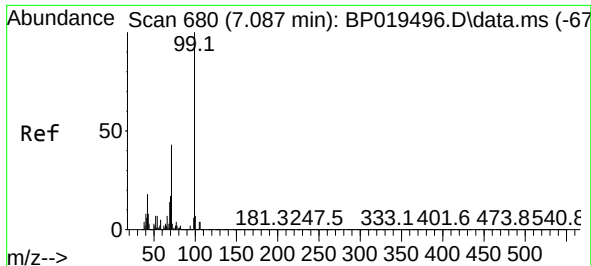
Tgt Ion:152 Resp: 62149
Ion Ratio Lower Upper
152 100
150 158.0 121.8 182.8
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 102.090 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019721.D
Acq: 15 Feb 2024 14:05

Tgt Ion:112 Resp: 393616
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.0
63 31.9 27.0 40.6

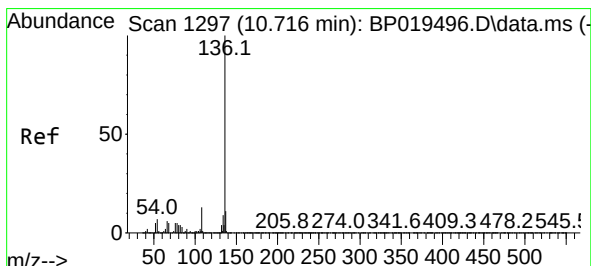
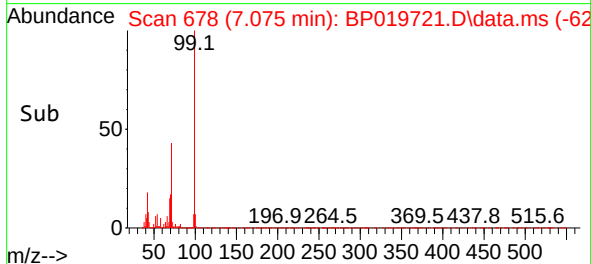
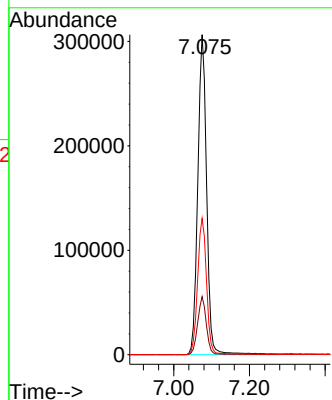
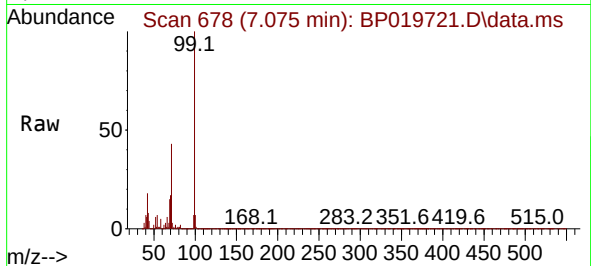




#7
Phenol-d6
Concen: 96.510 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019721.D
Acq: 15 Feb 2024 14:05

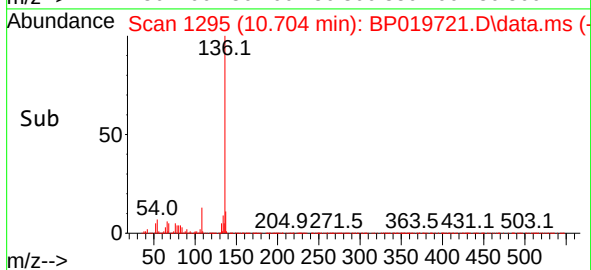
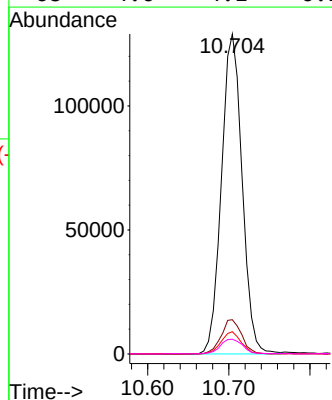
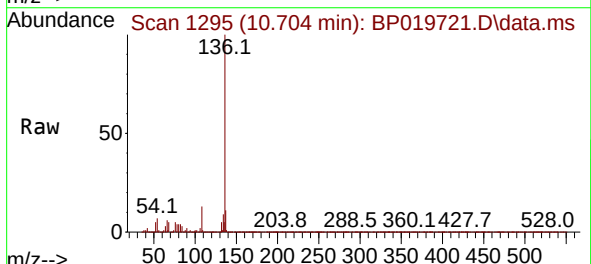
Instrument :
BNA_P
ClientSampleId :
SB-7(12-13)

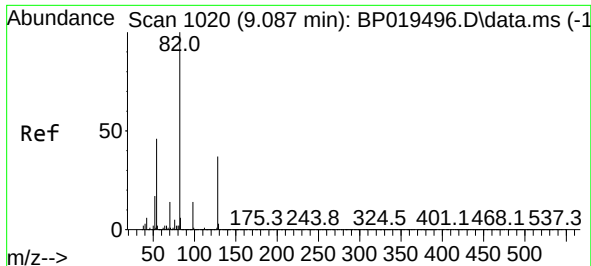
Tgt Ion: 99 Resp: 501730
Ion Ratio Lower Upper
99 100
42 18.2 14.7 22.1
71 42.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019721.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 136 Resp: 228159
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.0 5.3 7.9
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 65.149 ng

RT: 9.075 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

Instrument :

BNA_P

ClientSampleId :

SB-7(12-13)

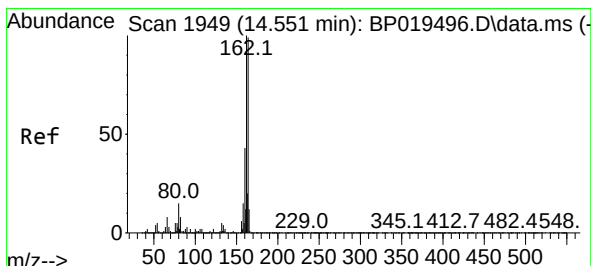
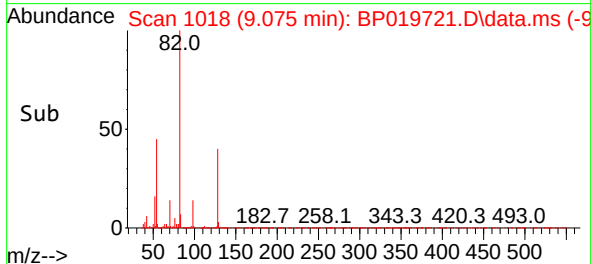
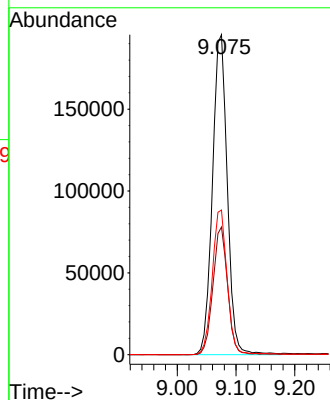
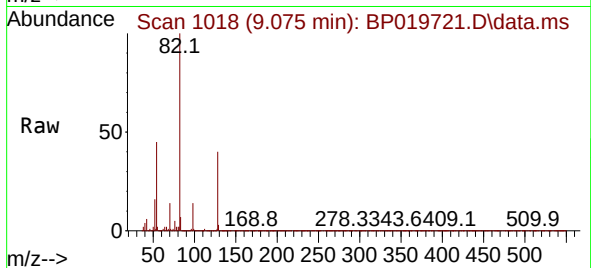
Tgt Ion: 82 Resp: 343039

Ion Ratio Lower Upper

82 100

128 39.9 29.7 44.5

54 45.2 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

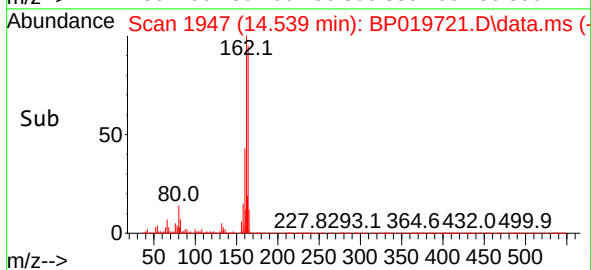
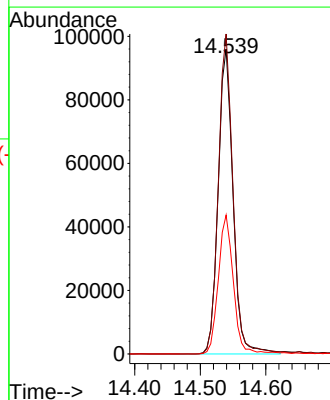
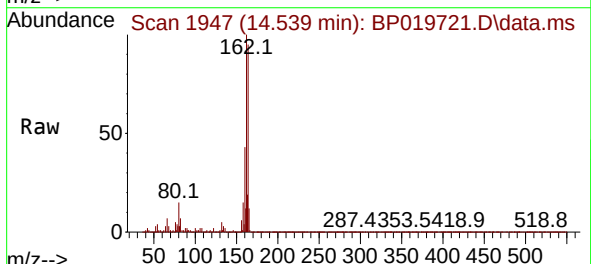
Tgt Ion: 164 Resp: 150365

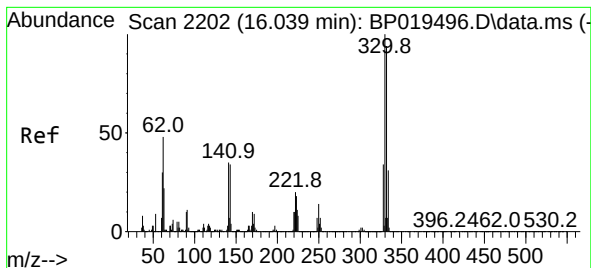
Ion Ratio Lower Upper

164 100

162 105.0 81.2 121.8

160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 139.343 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

Instrument :

BNA_P

ClientSampleId :

SB-7(12-13)

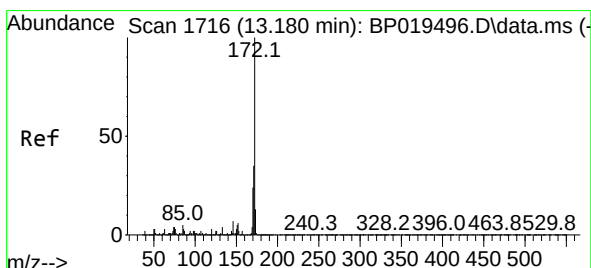
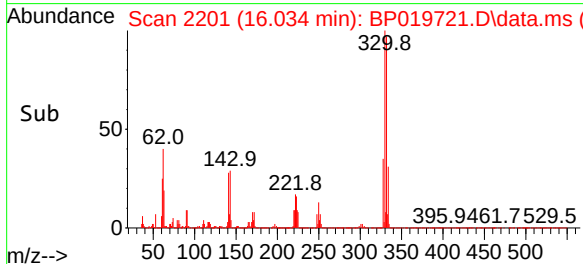
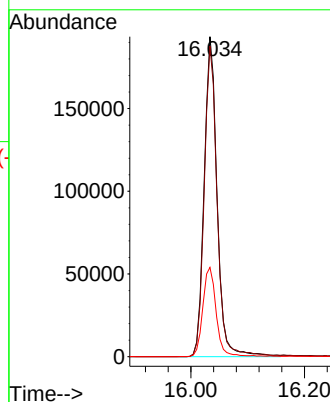
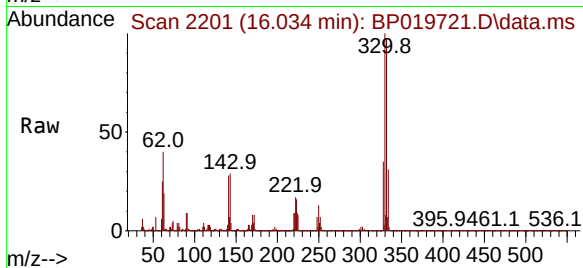
Tgt Ion:330 Resp: 305918

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 29.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 65.261 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

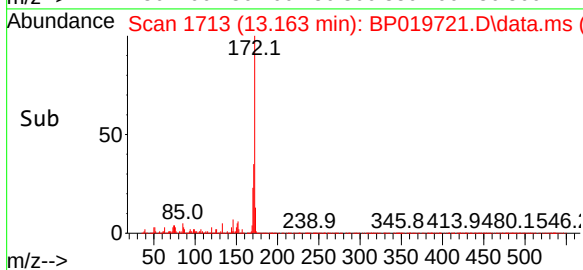
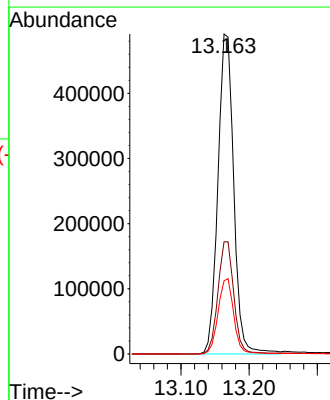
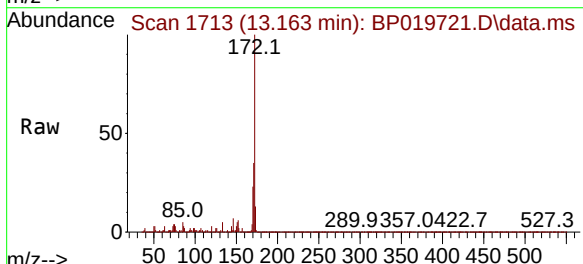
Tgt Ion:172 Resp: 793779

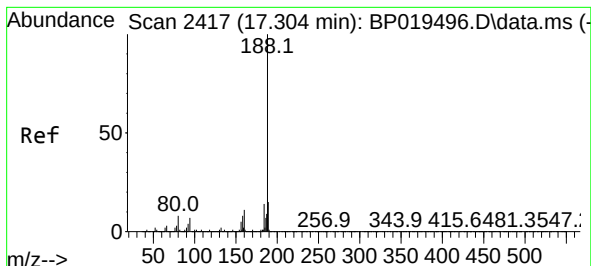
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

Instrument :

BNA_P

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SB-7(12-13)

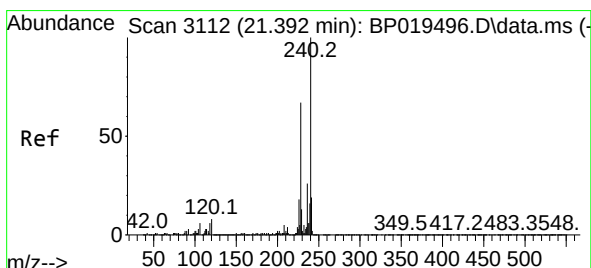
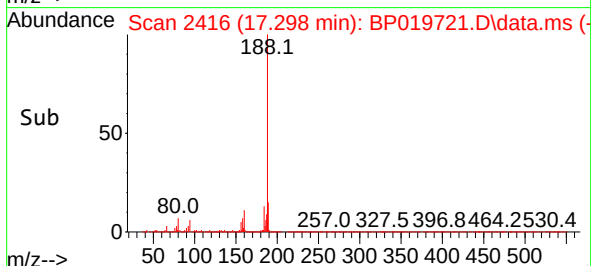
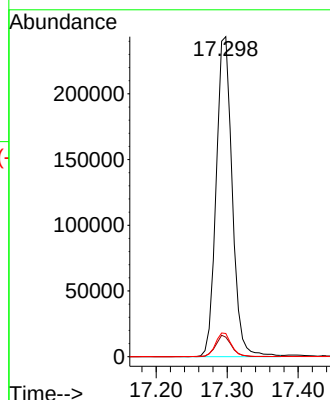
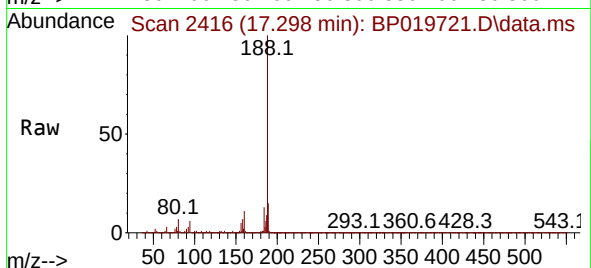
Tgt Ion:188 Resp: 380387

Ion Ratio Lower Upper

188 100

94 6.1 5.4 8.2

80 7.3 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

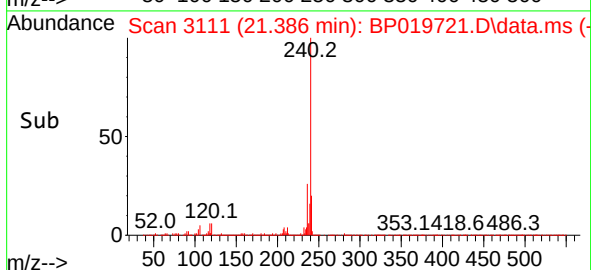
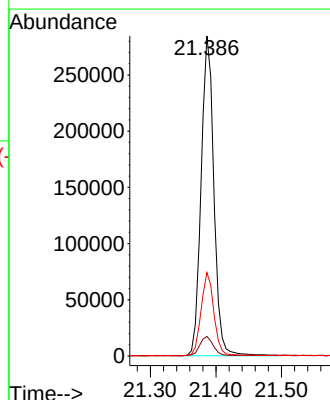
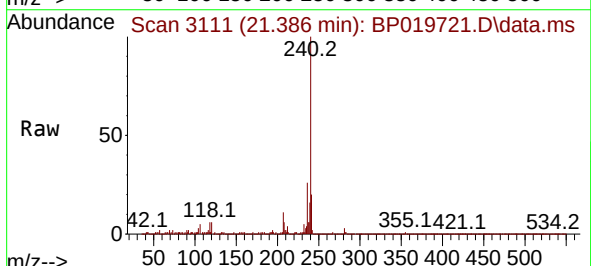
Tgt Ion:240 Resp: 386198

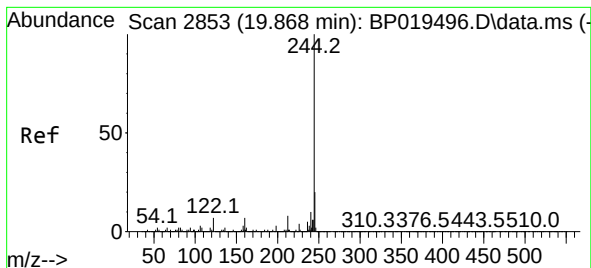
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 73.236 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

Instrument :

BNA_P

ClientSampleId :

SB-7(12-13)

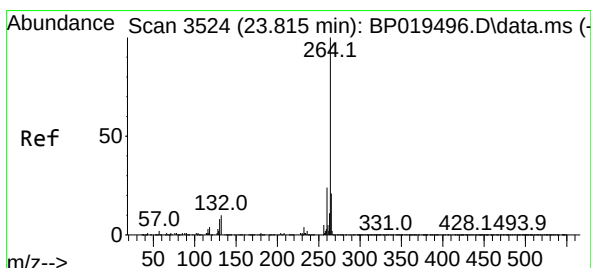
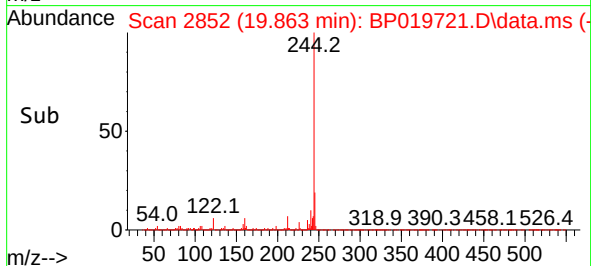
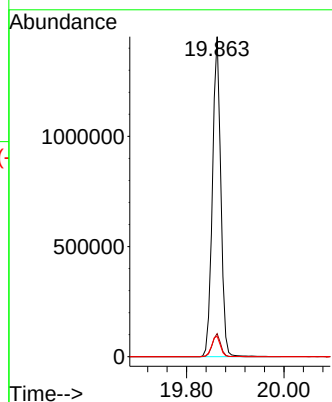
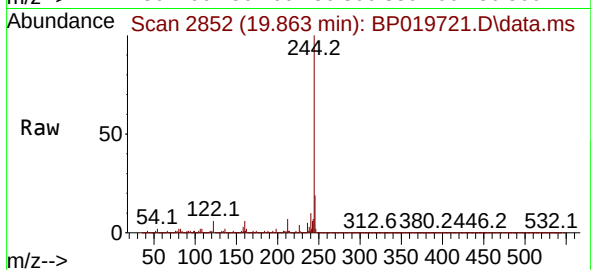
Tgt Ion:244 Resp: 1719853

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019721.D

Acq: 15 Feb 2024 14:05

Tgt Ion:264 Resp: 439635

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.1 17.0 25.4

