

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019472.D
 Acq On : 29 Jan 2024 18:45
 Operator : MA/JU
 Sample : PB158620BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158620BL

Quant Time: Jan 30 01:21:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

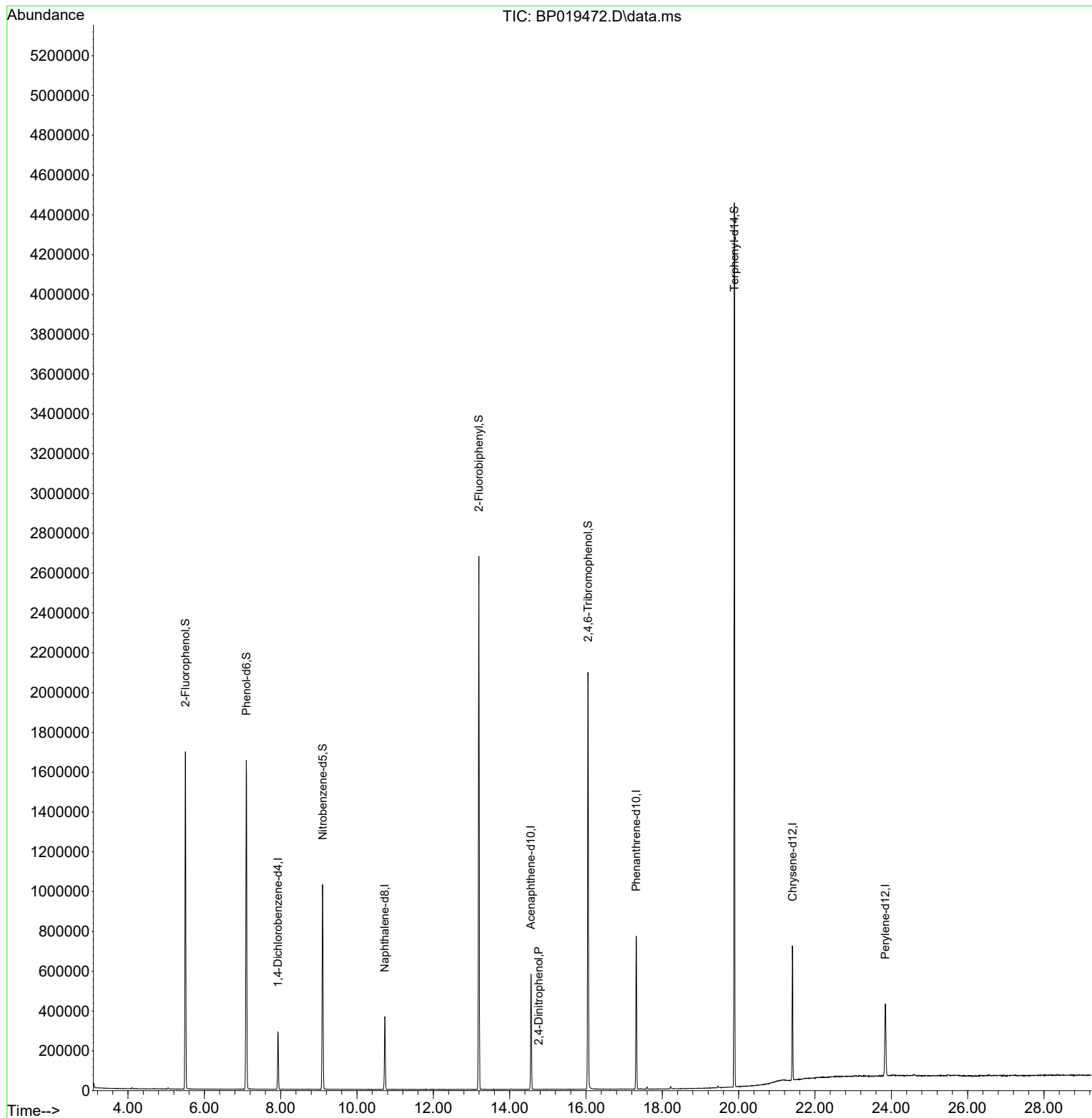
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	70066	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	277801	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	194584	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	448872	20.000	ng	0.00
76) Chrysene-d12	21.410	240	319925	20.000	ng	0.00
86) Perylene-d12	23.845	264	286270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	599314	136.105	ng	0.00
7) Phenol-d6	7.099	99	813125	126.493	ng	0.00
23) Nitrobenzene-d5	9.098	82	560908	83.082	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	345819	129.716	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1266853	83.828	ng	0.00
79) Terphenyl-d14	19.886	244	2023583	90.116	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.104	77	2047	Below Cal	#	7
54) 2,4-Dinitrophenol	14.763	184	10	3.958	ng	92
77) Benizidine	19.521	184	1061	Below Cal	#	94

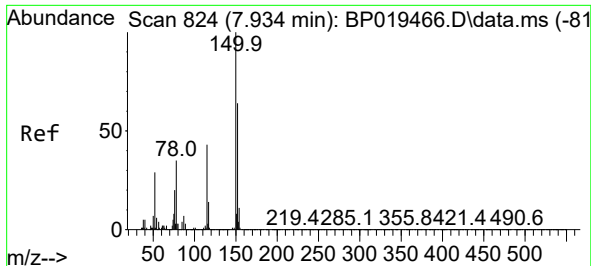
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019472.D
Acq On : 29 Jan 2024 18:45
Operator : MA/JU
Sample : PB158620BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB158620BL

Quant Time: Jan 30 01:21:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:59:08 2024
Response via : Initial Calibration

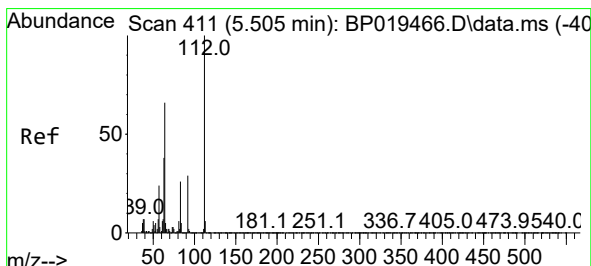
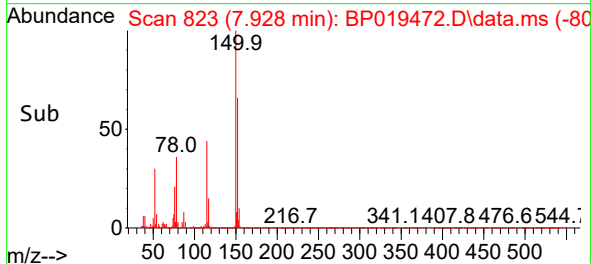
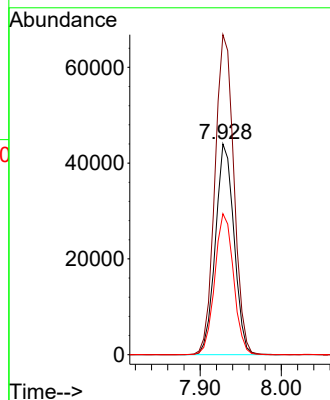
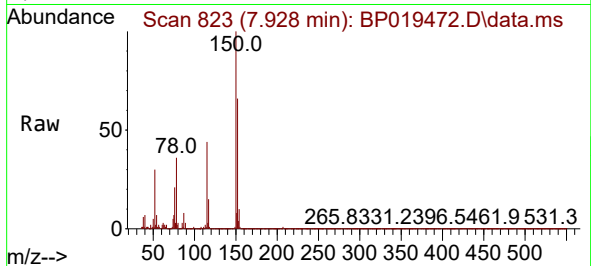




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019472.D
Acq: 29 Jan 2024 18:45

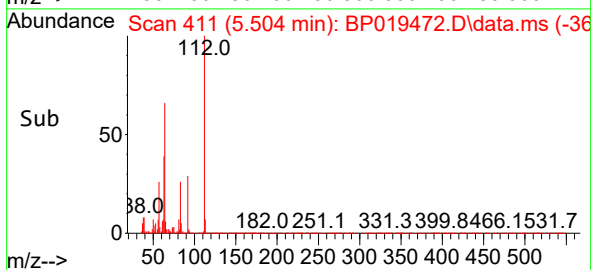
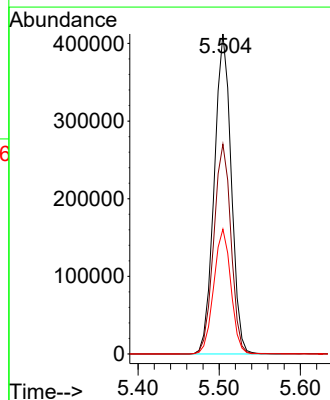
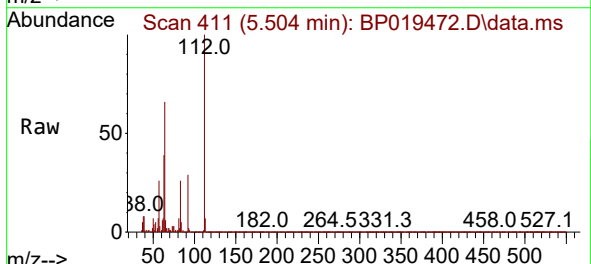
Instrument :
BNA_P
ClientSampleId :
PB158620BL

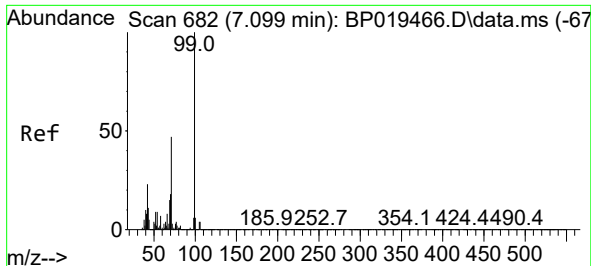
Tgt Ion:152 Resp: 70066
Ion Ratio Lower Upper
152 100
150 151.8 125.4 188.2
115 66.9 53.7 80.5



#5
2-Fluorophenol
Concen: 136.105 ng
RT: 5.504 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019472.D
Acq: 29 Jan 2024 18:45

Tgt Ion:112 Resp: 599314
Ion Ratio Lower Upper
112 100
64 65.6 52.6 79.0
63 39.0 30.3 45.5

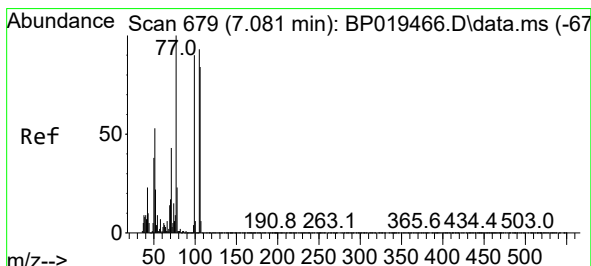
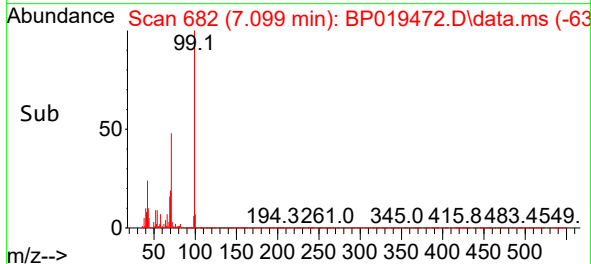
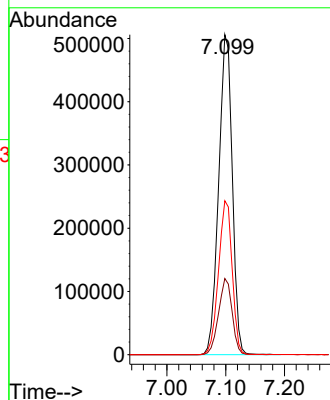
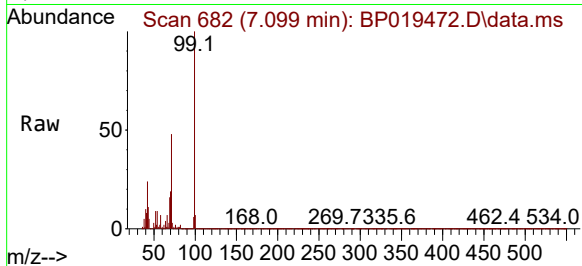




#7
Phenol-d6
Concen: 126.493 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019472.D
Acq: 29 Jan 2024 18:45

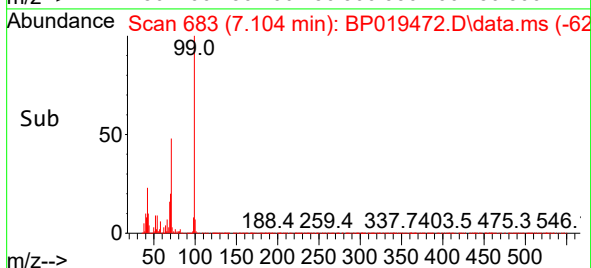
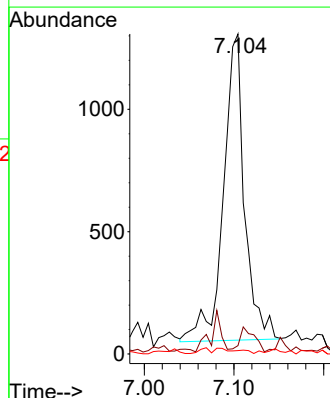
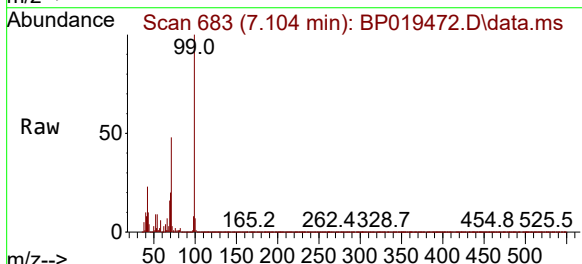
Instrument :
BNA_P
ClientSampleId :
PB158620BL

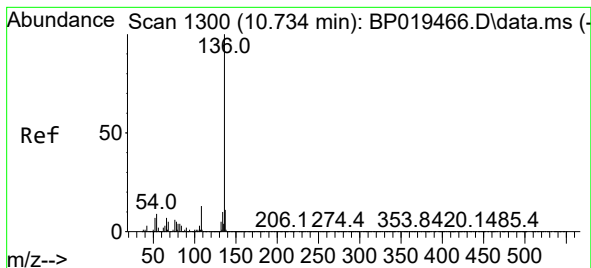
Tgt Ion: 99 Resp: 813125
Ion Ratio Lower Upper
99 100
42 23.8 18.6 28.0
71 48.1 37.8 56.6



#9
Benzaldehyde
Concen: Below Cal
RT: 7.104 min Scan# 683
Delta R.T. 0.023 min
Lab File: BP019472.D
Acq: 29 Jan 2024 18:45

Tgt Ion: 77 Resp: 2047
Ion Ratio Lower Upper
77 100
105 2.6 72.9 112.9#
106 1.1 64.4 104.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Instrument :

BNA_P

ClientSampleId :

PB158620BL

Tgt Ion:136 Resp: 277801

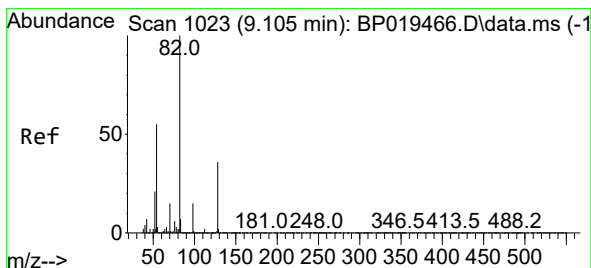
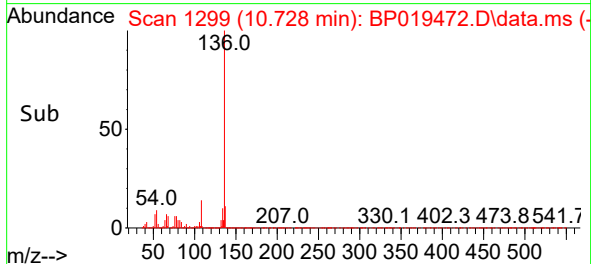
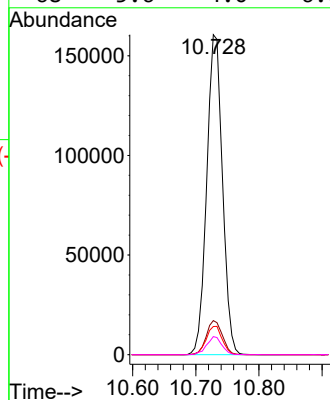
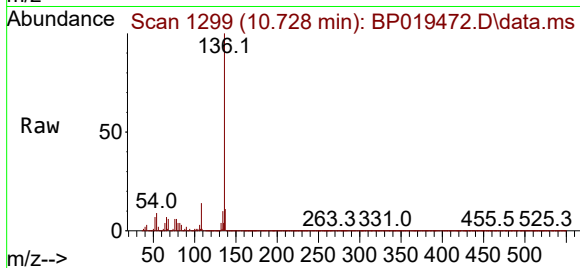
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.8 7.4 11.0

68 5.6 4.0 6.0



#23

Nitrobenzene-d5

Concen: 83.082 ng

RT: 9.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

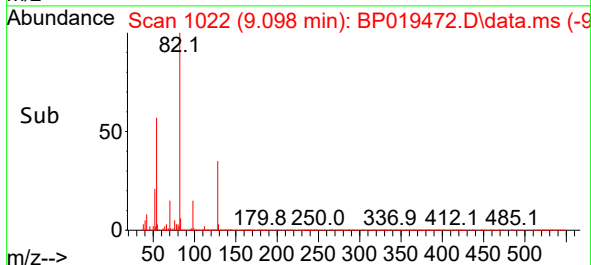
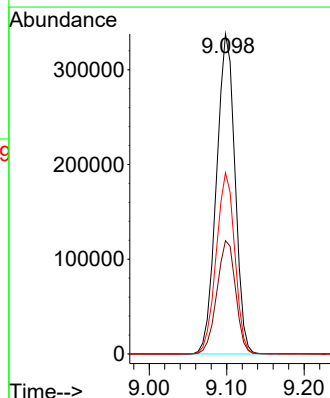
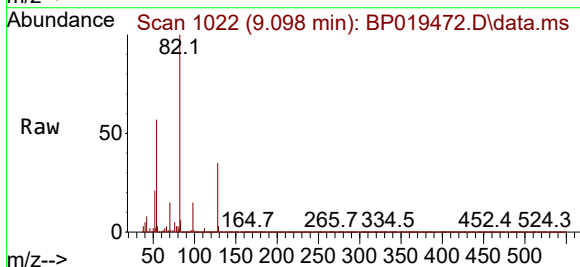
Tgt Ion: 82 Resp: 560908

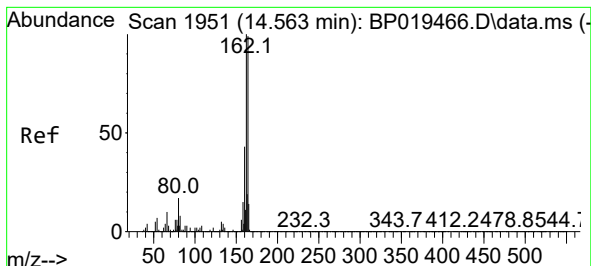
Ion Ratio Lower Upper

82 100

128 35.4 28.9 43.3

54 56.6 44.3 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Instrument :

BNA_P

ClientSampleId :

PB158620BL

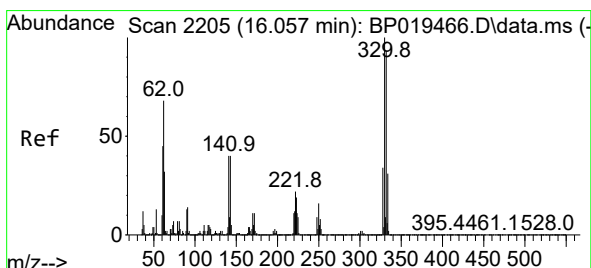
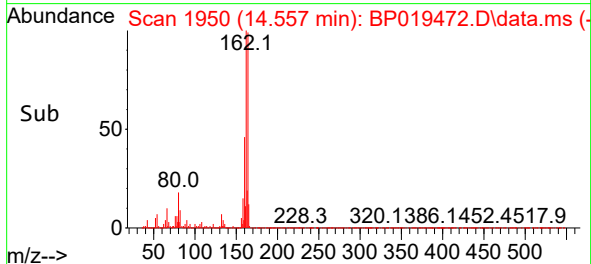
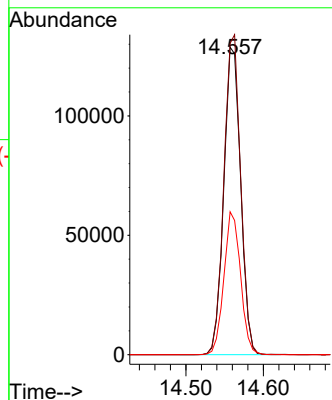
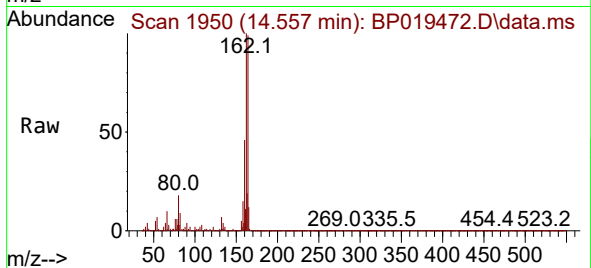
Tgt Ion:164 Resp: 194584

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

160 46.4 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 129.716 ng

RT: 16.057 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

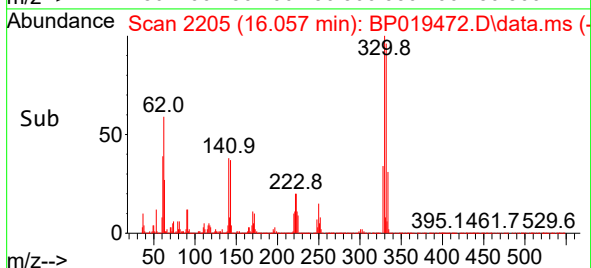
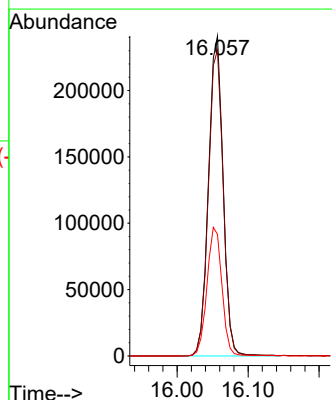
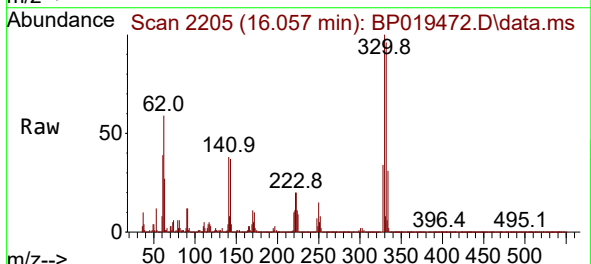
Tgt Ion:330 Resp: 345819

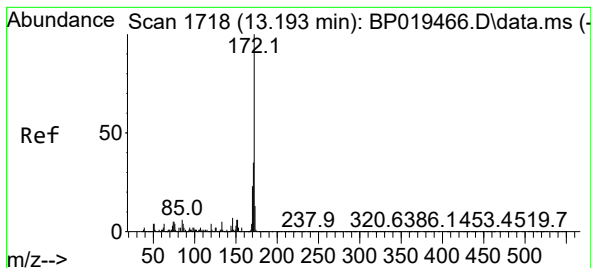
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.2

141 41.2 33.3 49.9





#45

2-Fluorobiphenyl

Concen: 83.828 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Instrument :

BNA_P

ClientSampleId :

PB158620BL

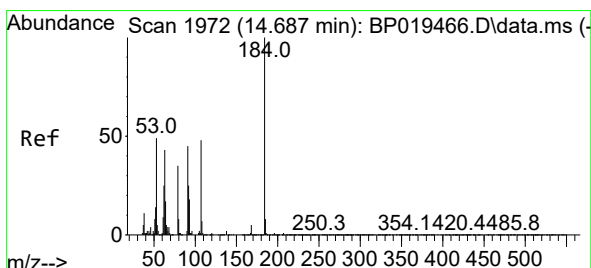
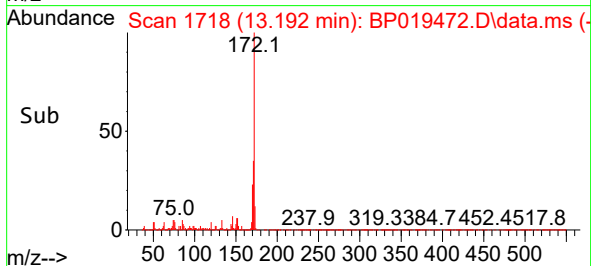
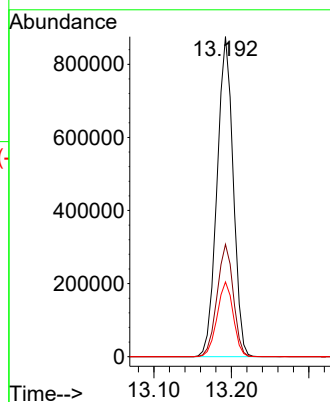
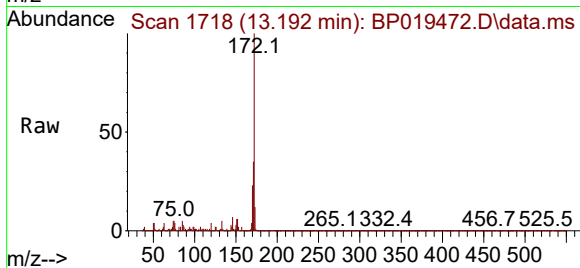
Tgt Ion:172 Resp: 1266853

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.4 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 3.958 ng

RT: 14.763 min Scan# 1985

Delta R.T. 0.076 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

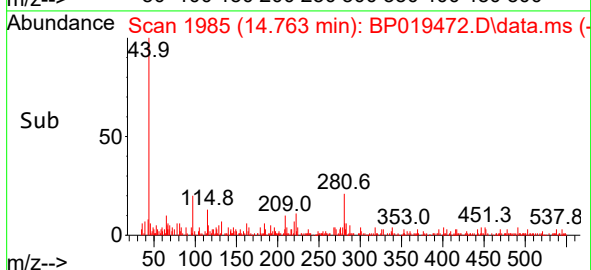
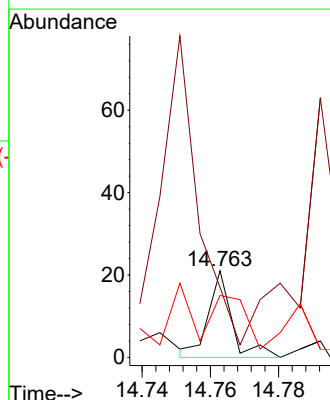
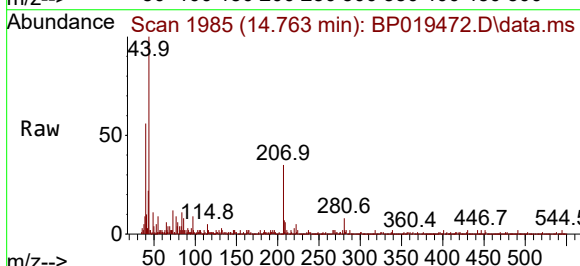
Tgt Ion:184 Resp: 10

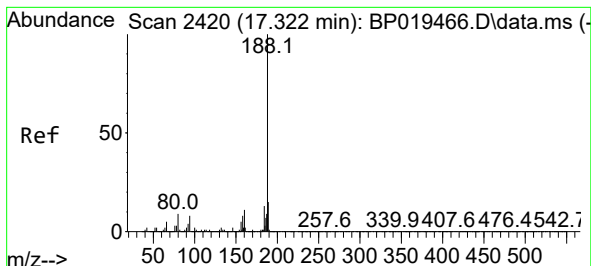
Ion Ratio Lower Upper

184 100

63 81.0 56.8 85.2

154 71.4 59.3 88.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Instrument :

BNA_P

ClientSampleId :

PB158620BL

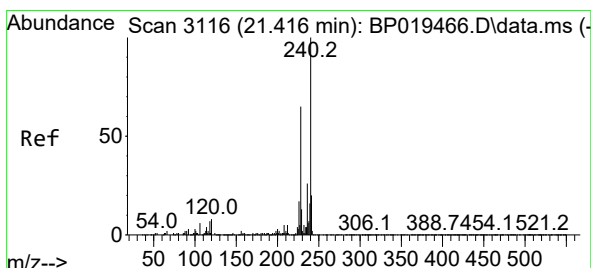
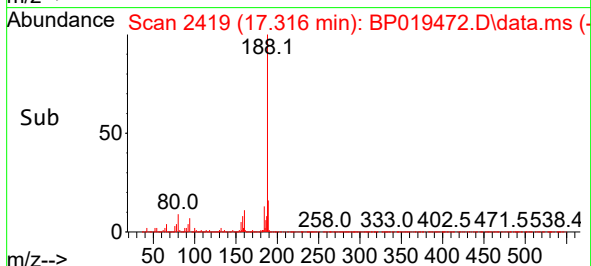
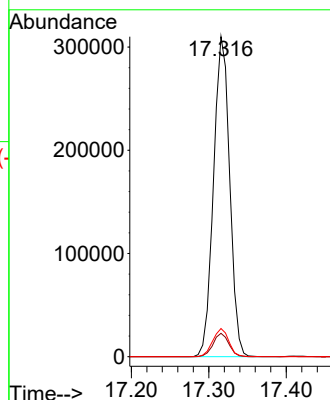
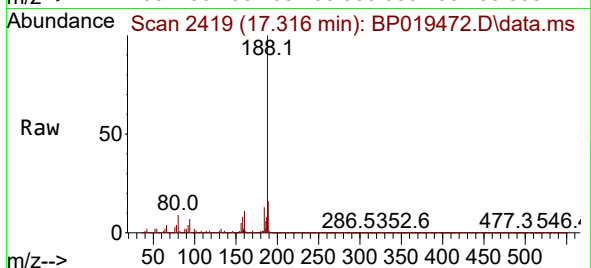
Tgt Ion:188 Resp: 448872

Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

80 8.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

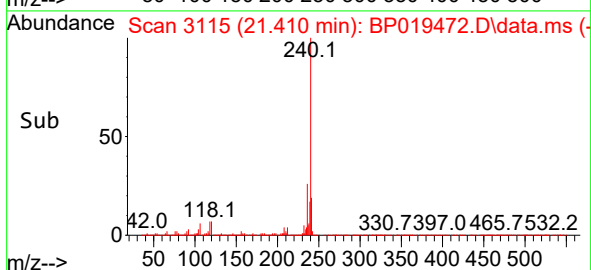
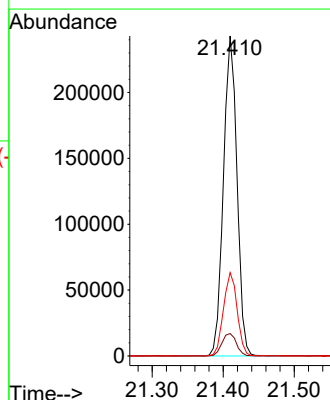
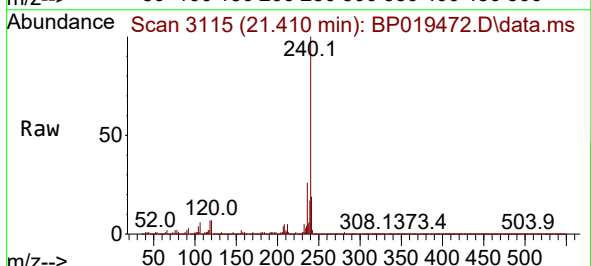
Tgt Ion:240 Resp: 319925

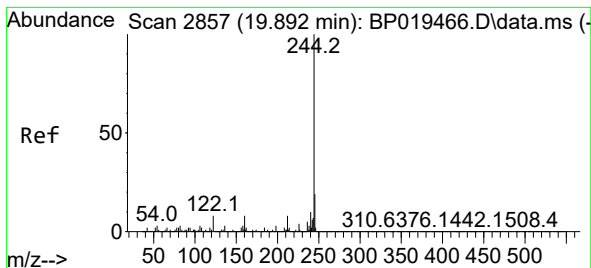
Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 90.116 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Instrument :

BNA_P

ClientSampleId :

PB158620BL

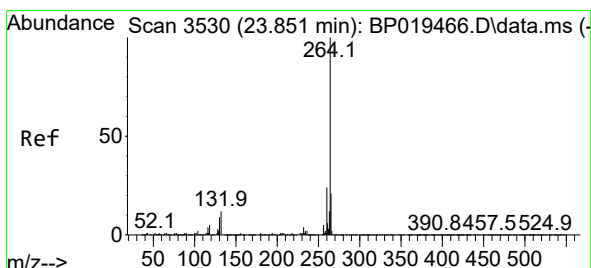
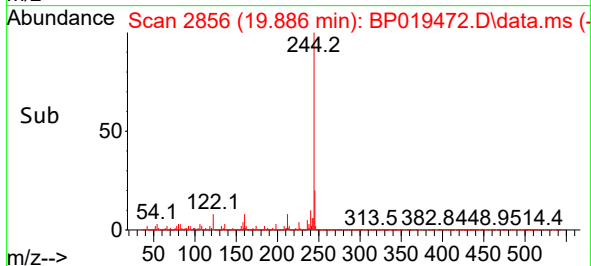
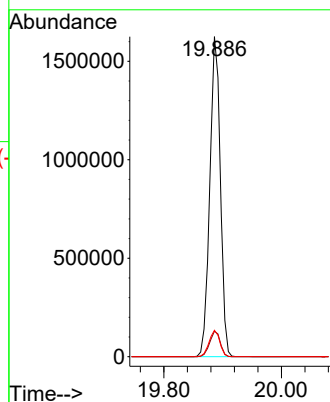
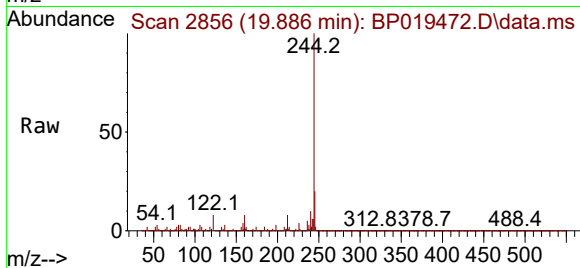
Tgt Ion:244 Resp: 2023583

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 8.3 6.5 9.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.006 min

Lab File: BP019472.D

Acq: 29 Jan 2024 18:45

Tgt Ion:264 Resp: 286270

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 16.6 25.0

