

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019519.D
Acq On : 02 Feb 2024 09:47
Operator : MA/JU
Sample : PB155297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB155297BL

Quant Time: Feb 02 10:22:18 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	7.910	152	91881	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	345334	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	217804	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	442357	20.000	ng	0.00
76) Chrysene-d12	21.386	240	310843	20.000	ng	0.00
86) Perylene-d12	23.804	264	398315	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	733539	128.689	ng	0.00
7) Phenol-d6	7.081	99	963390	125.347	ng	0.00
23) Nitrobenzene-d5	9.081	82	652753	81.905	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	365918	115.065	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1434391	81.414	ng	0.00
79) Terphenyl-d14	19.869	244	1720962	91.049	ng	0.00

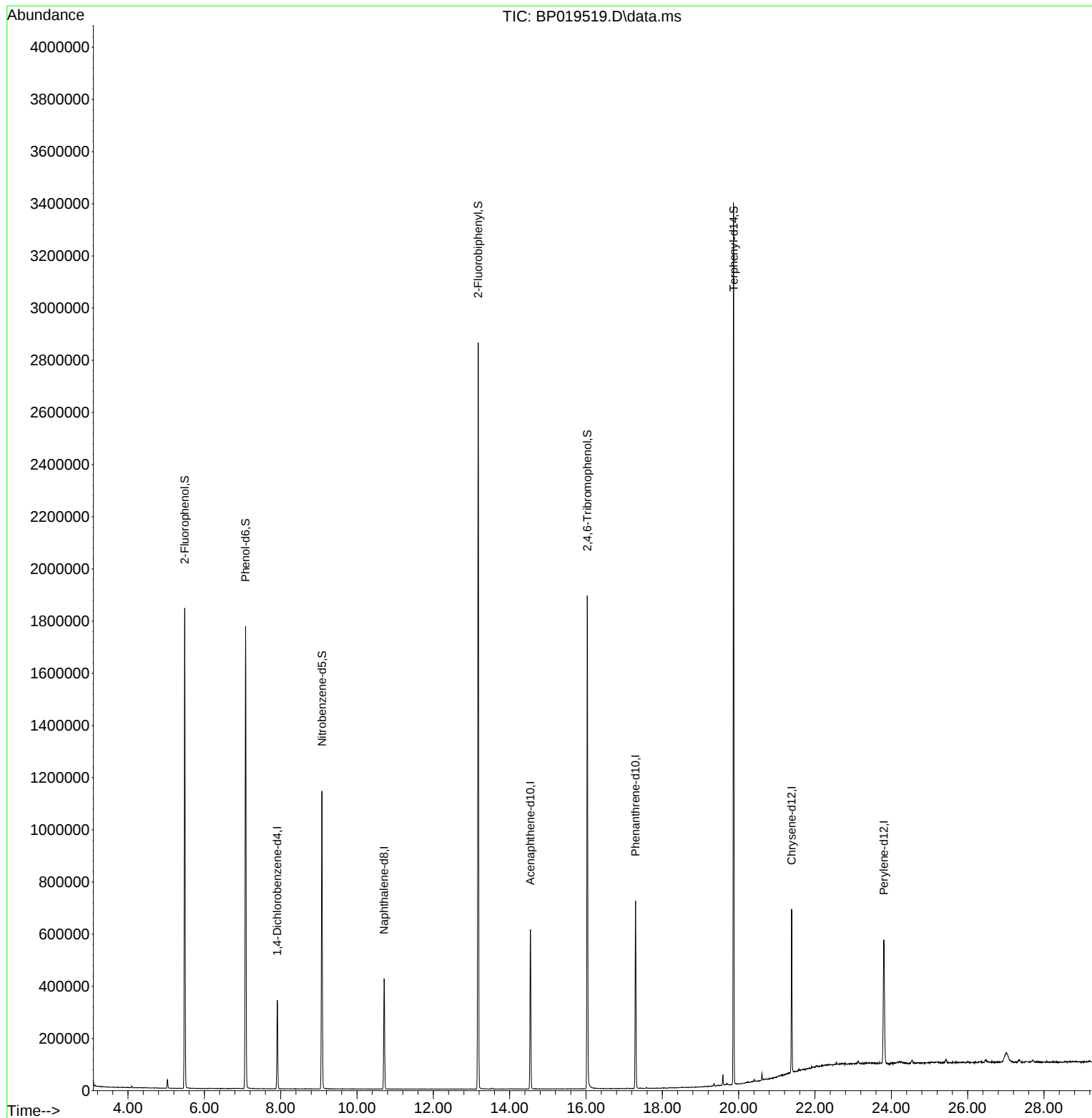
Target Compounds	Qvalue

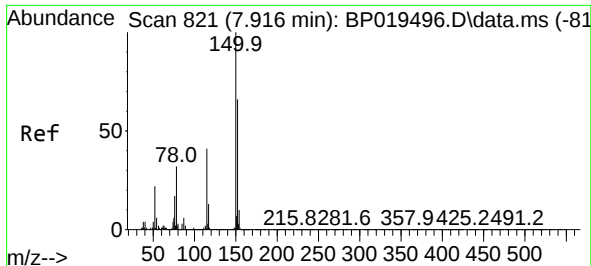
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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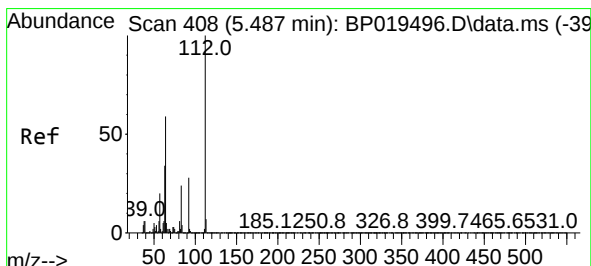
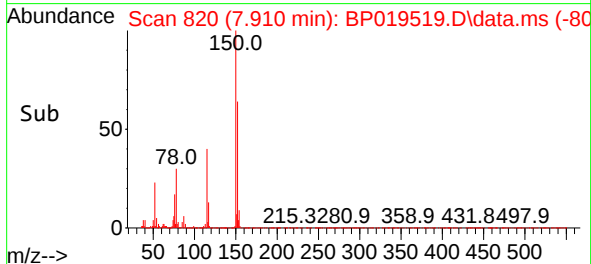
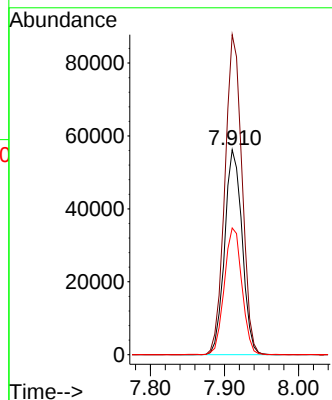
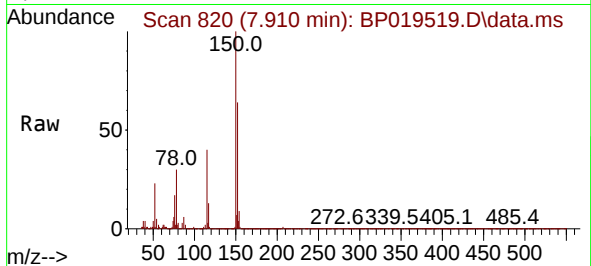




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

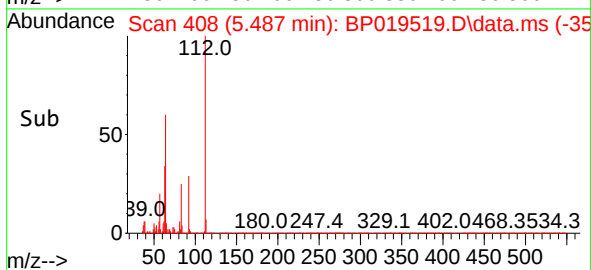
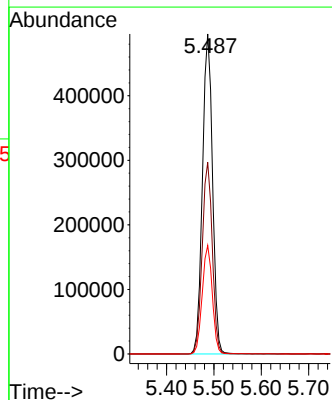
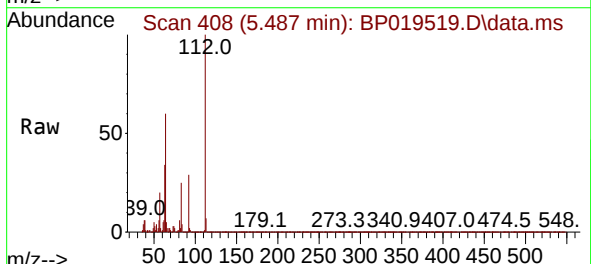
Instrument :
BNA_P
ClientSampleId :
PB155297BL

Tgt Ion:152 Resp: 91881
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.8
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 128.689 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

Tgt Ion:112 Resp: 733539
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 33.9 27.0 40.6

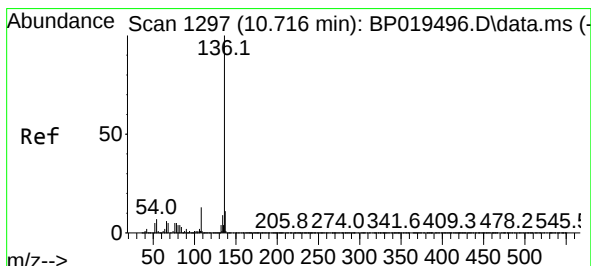
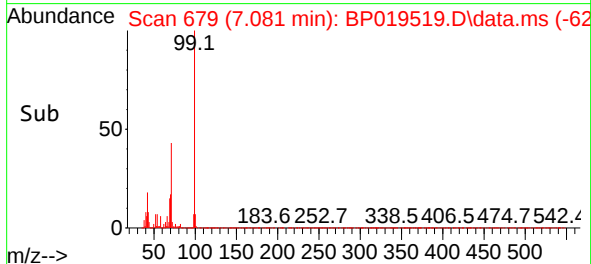
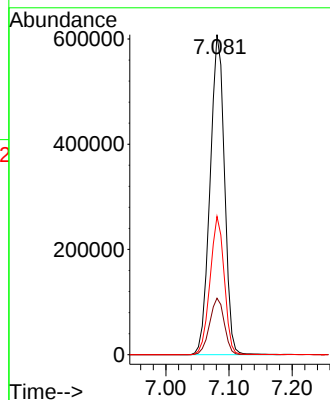
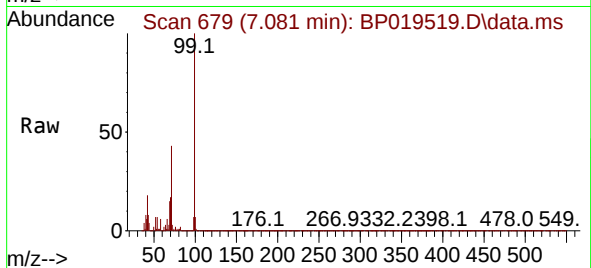




#7
Phenol-d6
Concen: 125.347 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

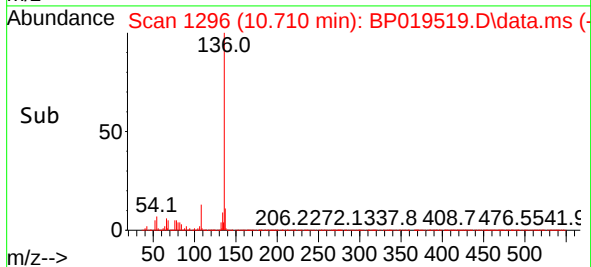
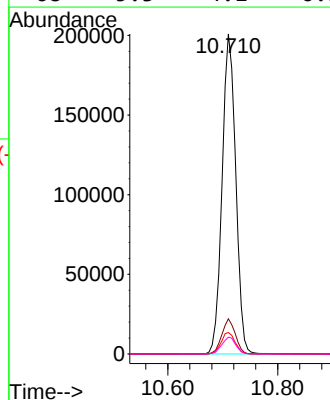
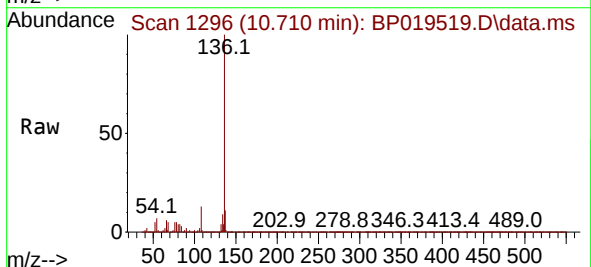
Instrument :
BNA_P
ClientSampleId :
PB155297BL

Tgt Ion: 99 Resp: 963390
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

Tgt Ion: 136 Resp: 345334
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.3 7.9
68 5.3 4.1 6.1

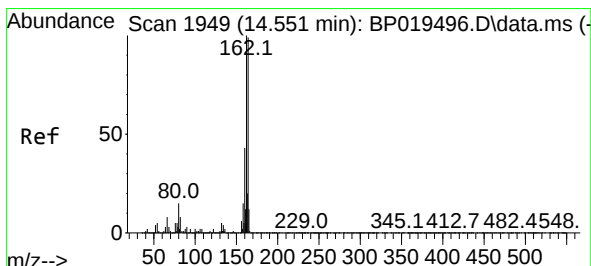
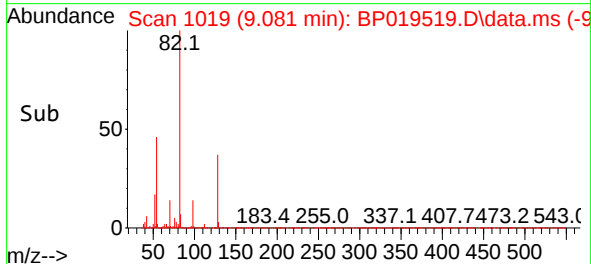
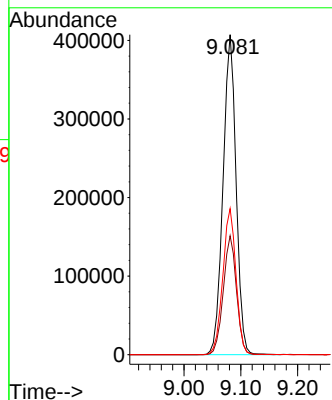
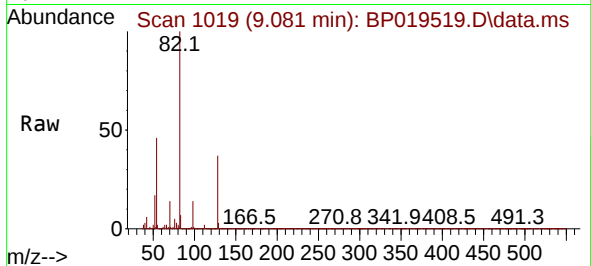




#23
Nitrobenzene-d5
Concen: 81.905 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

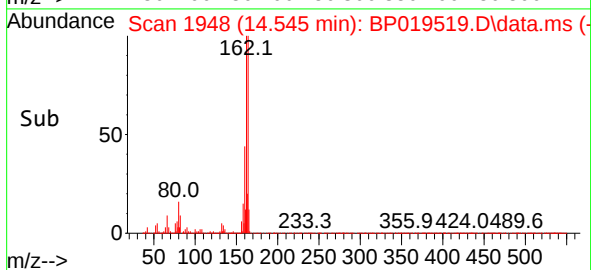
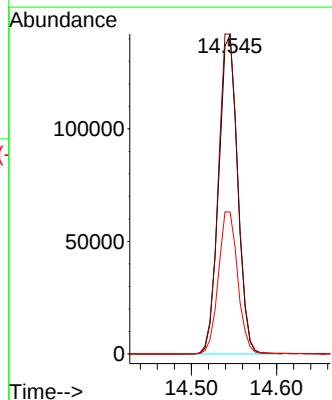
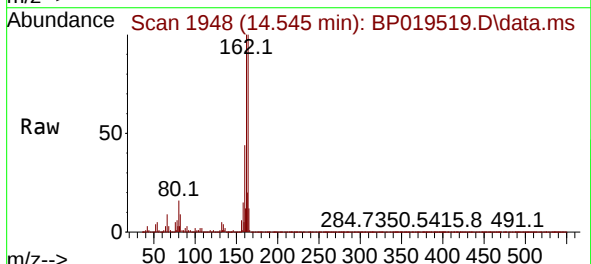
Instrument :
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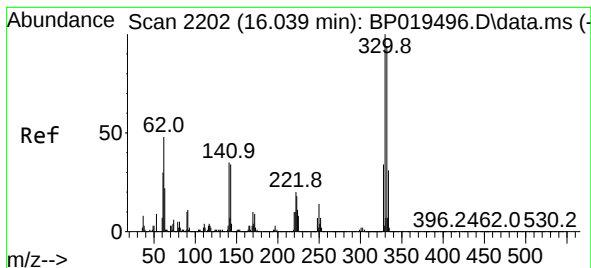
Tgt Ion: 82 Resp: 652753
Ion Ratio Lower Upper
82 100
128 37.1 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019519.D
Acq: 02 Feb 2024 09:47

Tgt Ion: 164 Resp: 217804
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 115.065 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019519.D

Acq: 02 Feb 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB155297BL

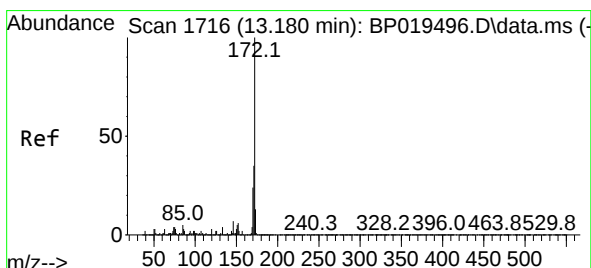
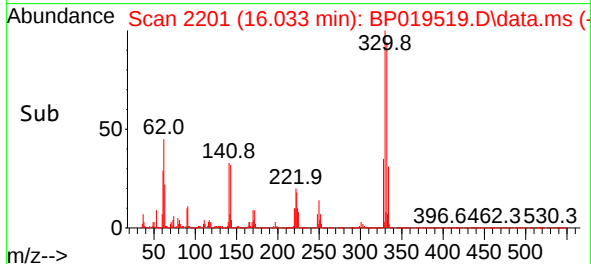
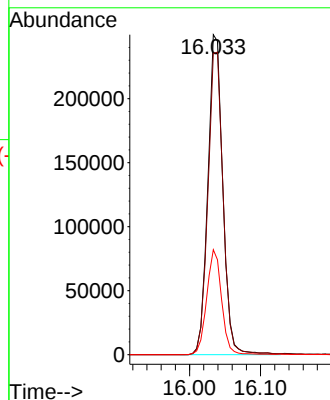
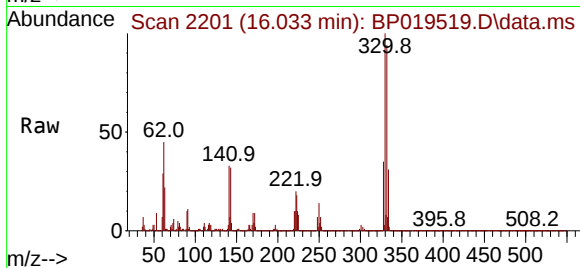
Tgt Ion:330 Resp: 365918

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 32.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 81.414 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019519.D

Acq: 02 Feb 2024 09:47

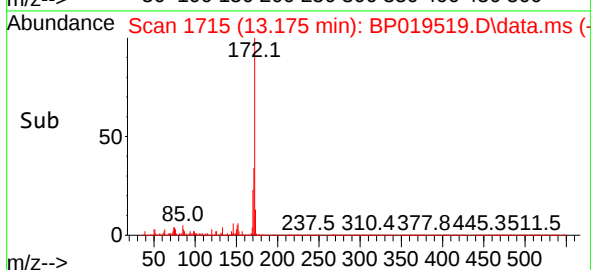
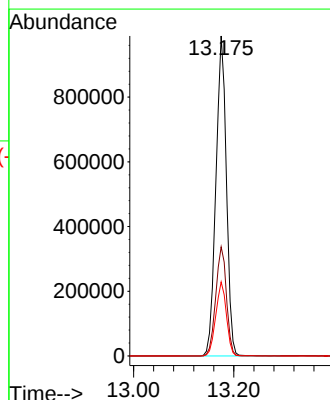
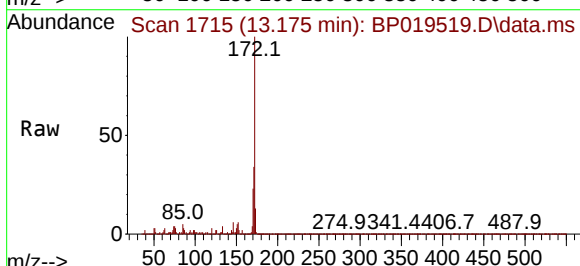
Tgt Ion:172 Resp: 1434391

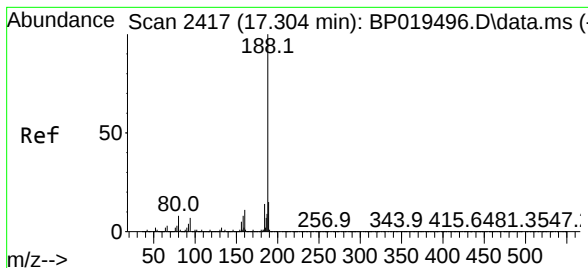
Ion Ratio Lower Upper

172 100

171 34.1 28.2 42.4

170 23.2 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: BP019519.D

Acq: 02 Feb 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB155297BL

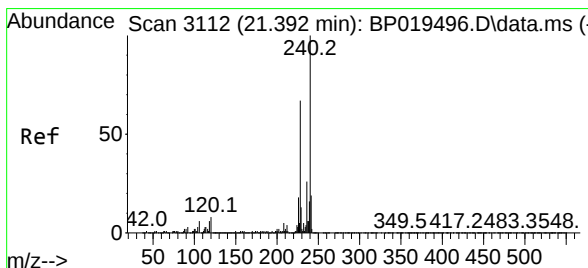
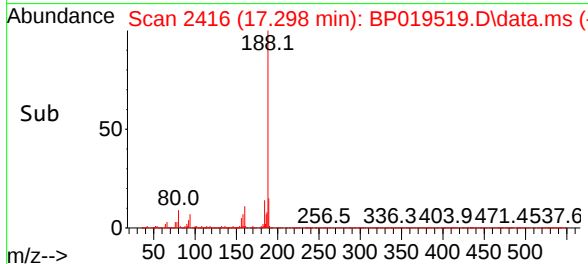
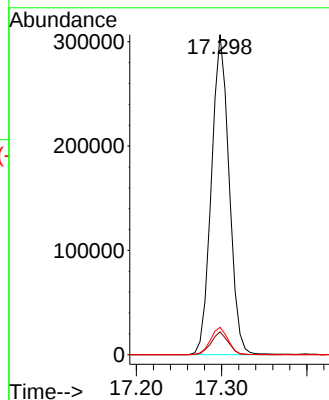
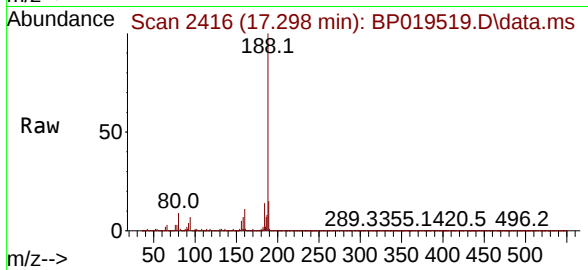
Tgt Ion:188 Resp: 442357

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.6 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: BP019519.D

Acq: 02 Feb 2024 09:47

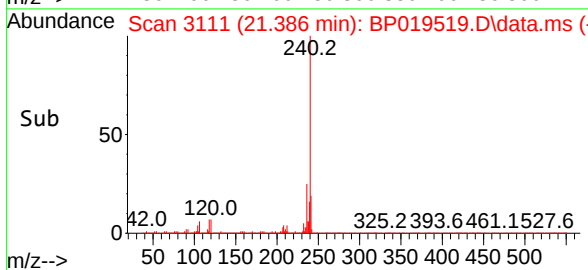
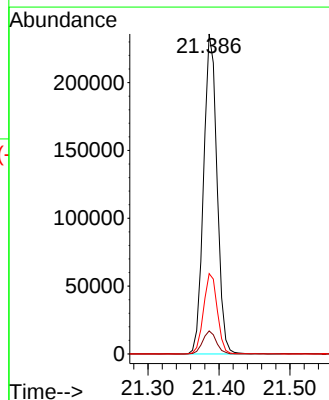
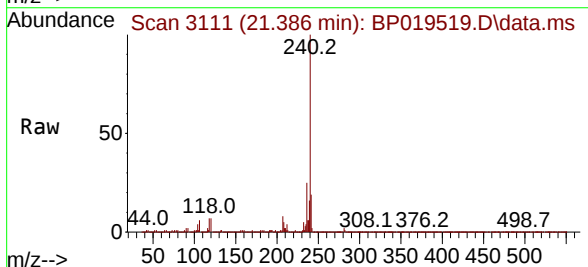
Tgt Ion:240 Resp: 310843

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 91.049 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019519.D

Acq: 02 Feb 2024 09:47

Instrument :

BNA_P

ClientSampleId :

PB155297BL

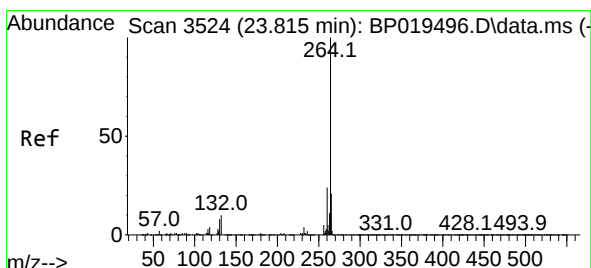
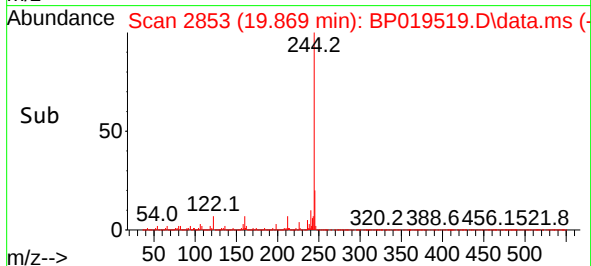
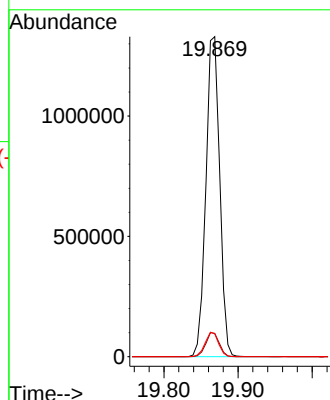
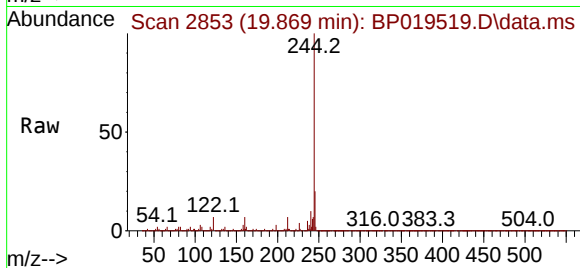
Tgt Ion:244 Resp: 1720962

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 7.1 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019519.D

Acq: 02 Feb 2024 09:47

Tgt Ion:264 Resp: 398315

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.6 17.0 25.4

