

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019565.D
 Acq On : 06 Feb 2024 10:04
 Operator : MA/JU
 Sample : PB158276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158276BL

Quant Time: Feb 07 01:03:22 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	7.911	152	88984	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	346232	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	232471	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	512567	20.000	ng	0.00
76) Chrysene-d12	21.386	240	378921	20.000	ng	0.00
86) Perylene-d12	23.804	264	423790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	740067	134.061	ng	0.00
7) Phenol-d6	7.081	99	974945	130.980	ng	0.00
23) Nitrobenzene-d5	9.081	82	657378	82.272	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	420450	123.872	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1502458	79.897	ng	-0.01
79) Terphenyl-d14	19.863	244	2243462	97.368	ng	0.00

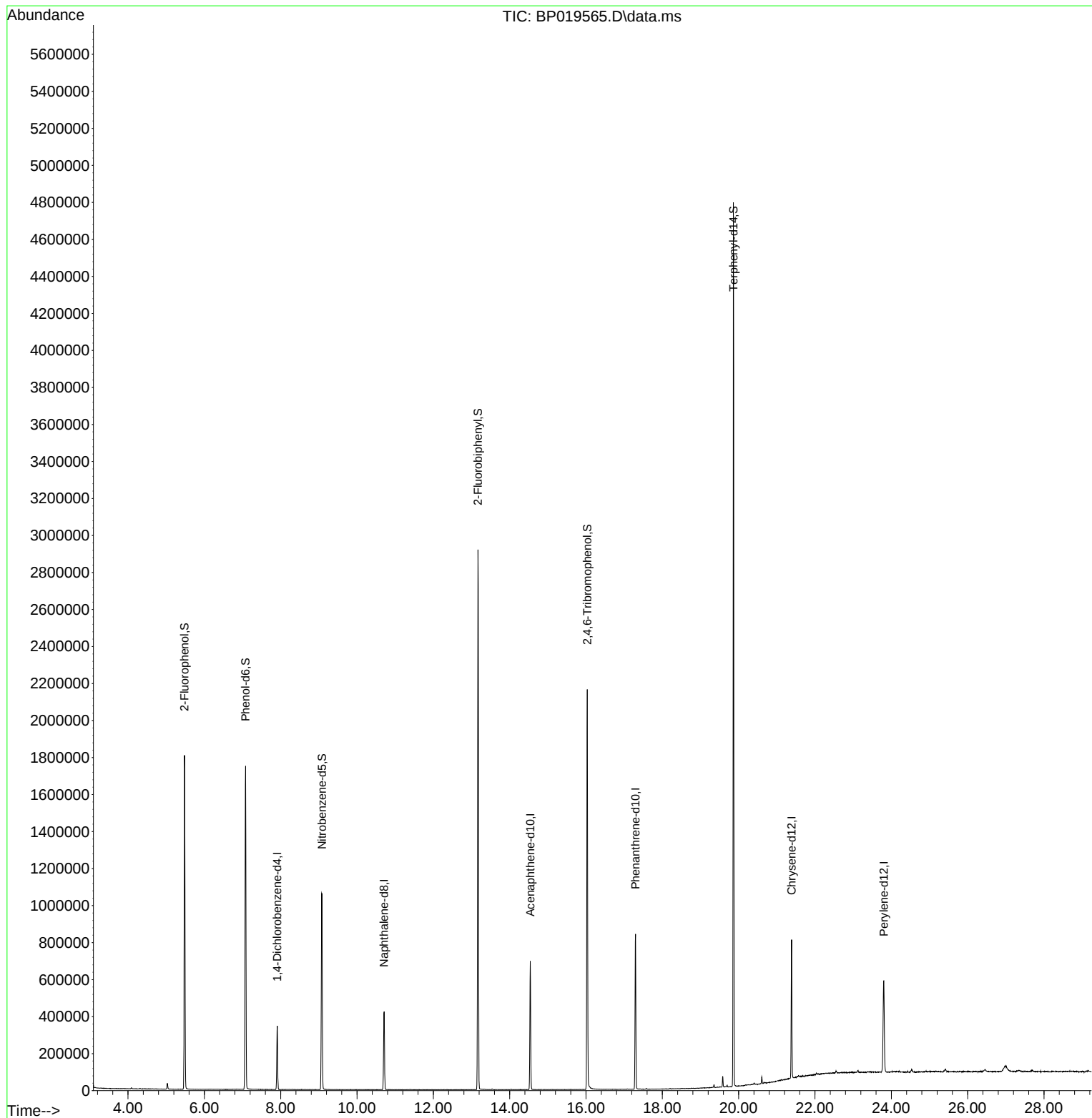
Target Compounds	Qvalue

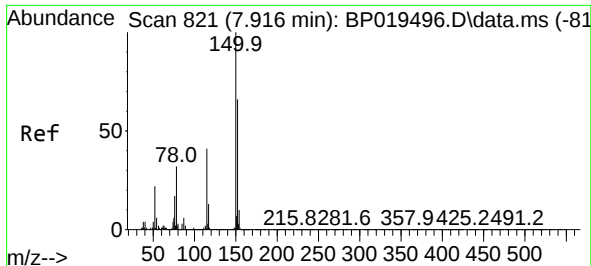
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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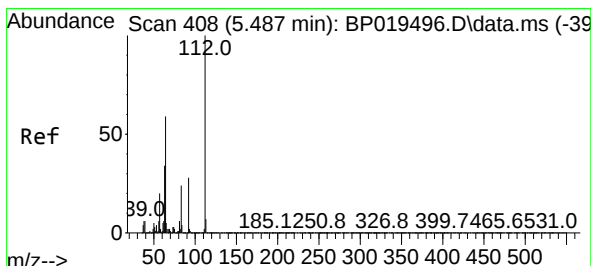
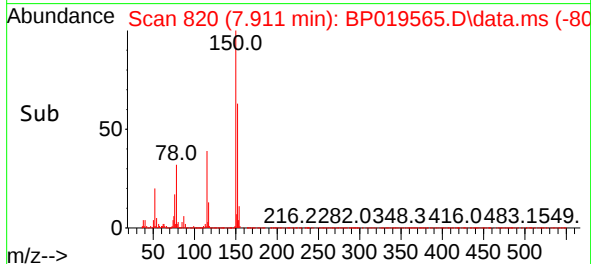
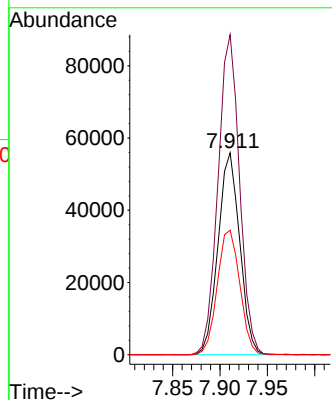
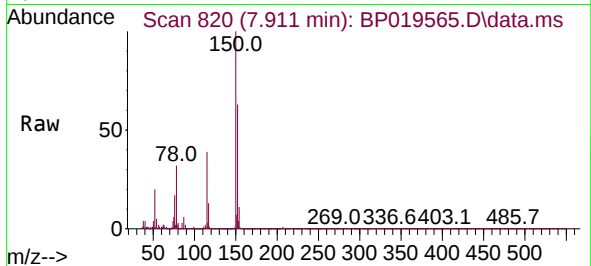




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

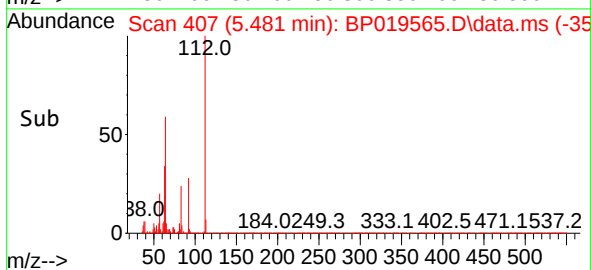
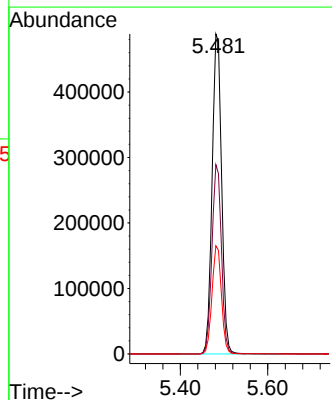
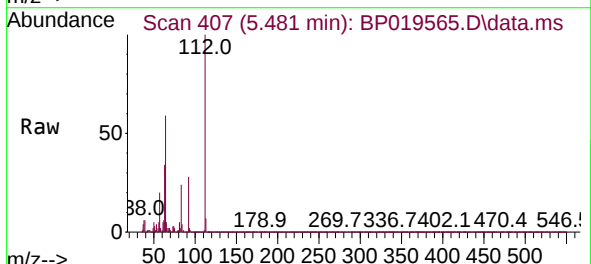
Instrument :
BNA_P
ClientSampleId :
PB158276BL

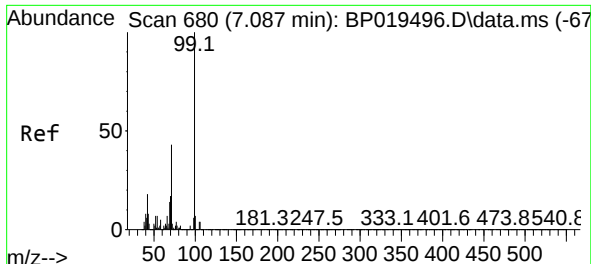
Tgt Ion:152 Resp: 88984
Ion Ratio Lower Upper
152 100
150 158.5 121.8 182.8
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 134.061 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.005 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

Tgt Ion:112 Resp: 740067
Ion Ratio Lower Upper
112 100
64 59.1 47.4 71.0
63 33.8 27.0 40.6

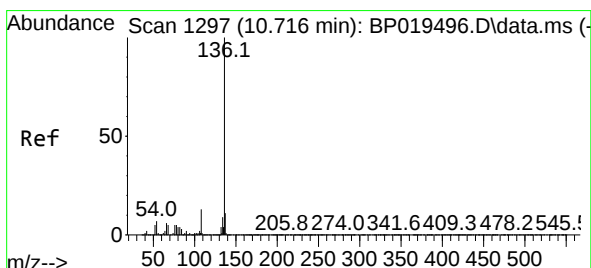
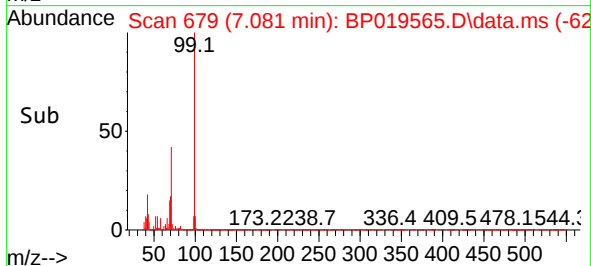
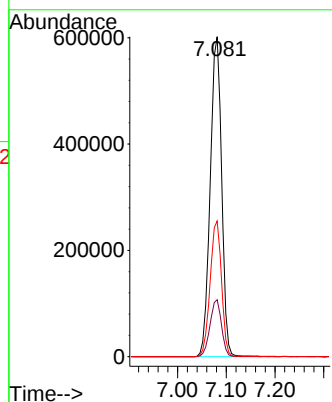
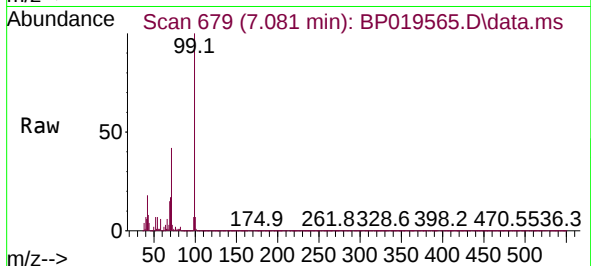




#7
Phenol-d6
Concen: 130.980 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

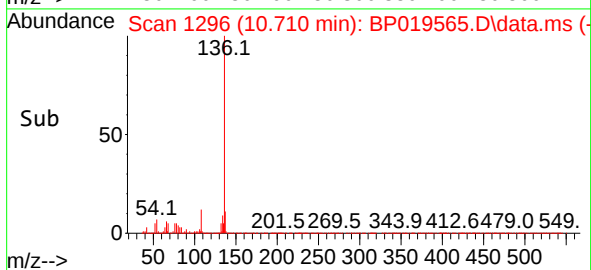
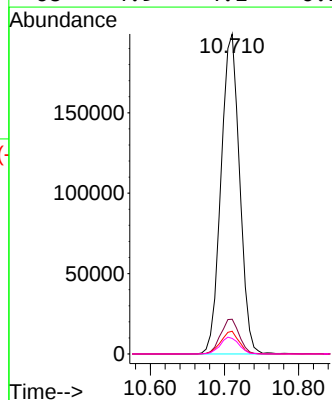
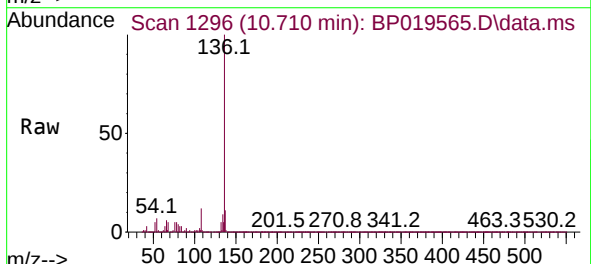
Instrument :
BNA_P
ClientSampleId :
PB158276BL

Tgt Ion: 99 Resp: 974945
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

Tgt Ion:136 Resp: 346232
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.1 5.3 7.9
68 4.9 4.1 6.1

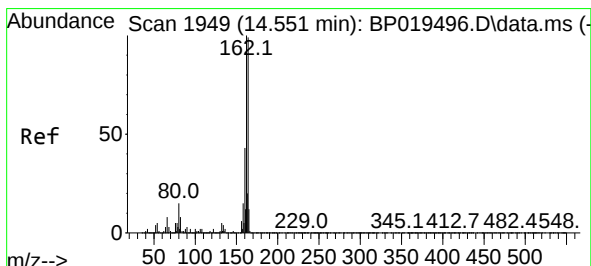
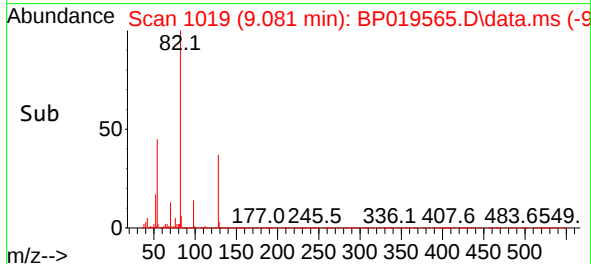
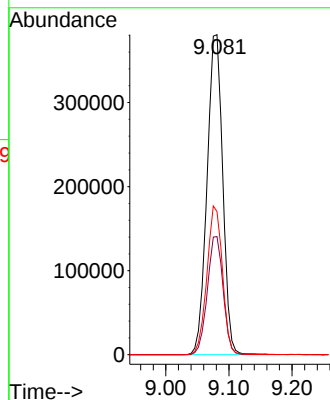
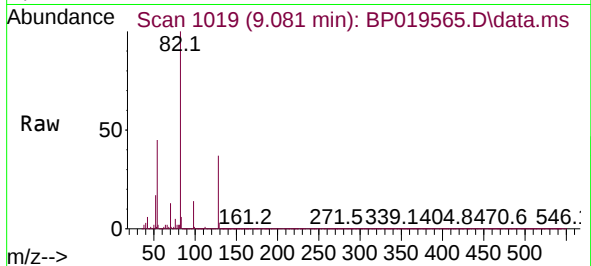




#23
Nitrobenzene-d5
Concen: 82.272 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

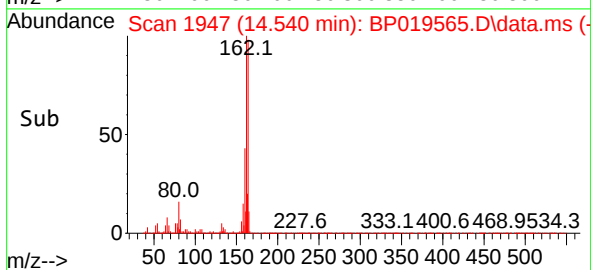
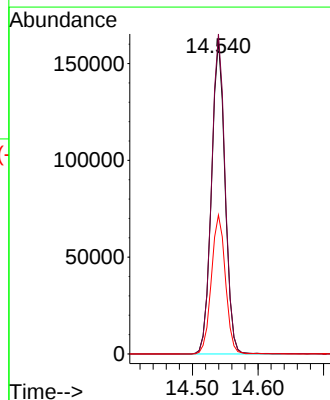
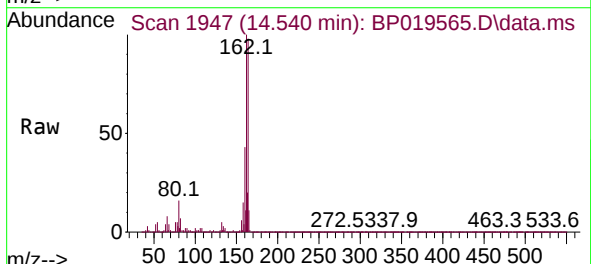
Instrument :
BNA_P
ClientSampleId :
PB158276BL

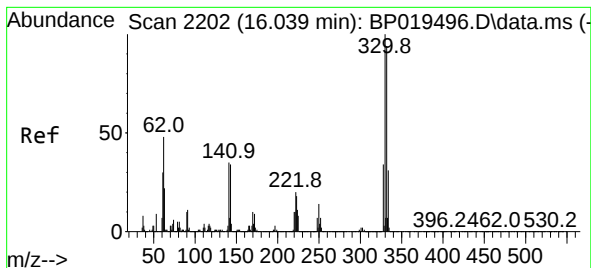
Tgt Ion: 82 Resp: 657378
Ion Ratio Lower Upper
82 100
128 36.9 29.7 44.5
54 44.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019565.D
Acq: 06 Feb 2024 10:04

Tgt Ion: 164 Resp: 232471
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.872 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019565.D

Acq: 06 Feb 2024 10:04

Instrument :

BNA_P

ClientSampleId :

PB158276BL

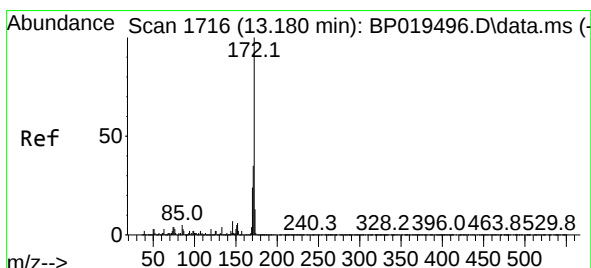
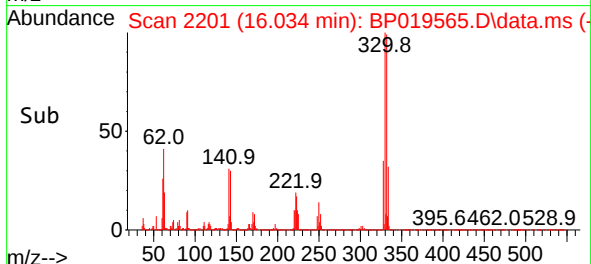
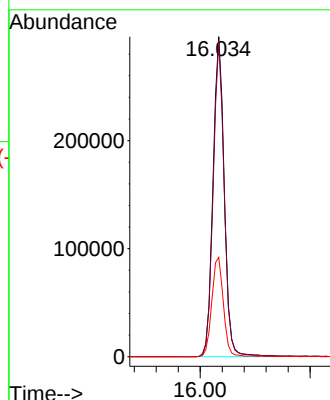
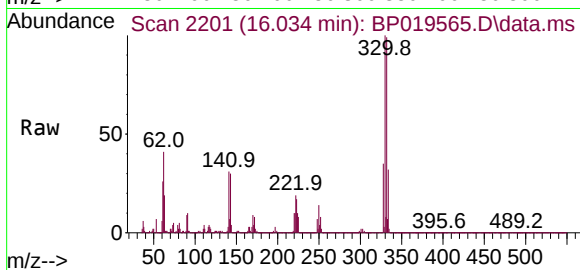
Tgt Ion:330 Resp: 420450

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 31.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.897 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019565.D

Acq: 06 Feb 2024 10:04

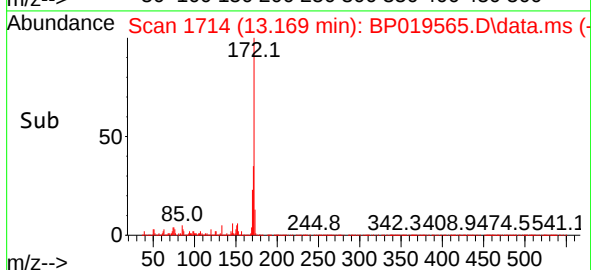
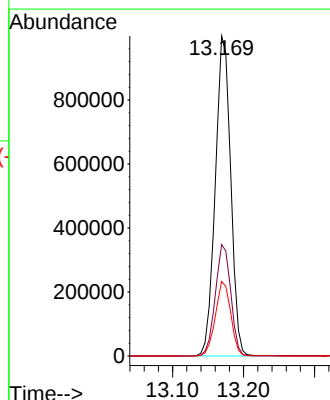
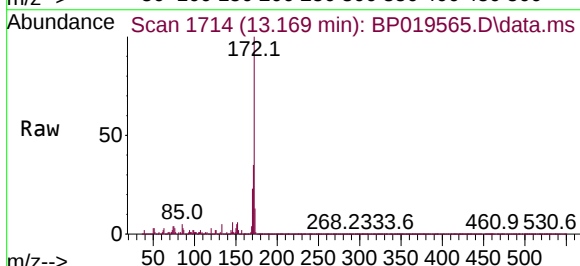
Tgt Ion:172 Resp: 1502458

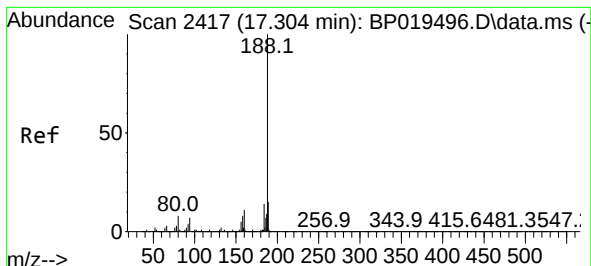
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.3 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: BP019565.D

Acq: 06 Feb 2024 10:04

Instrument :

BNA_P

ClientSampleId :

PB158276BL

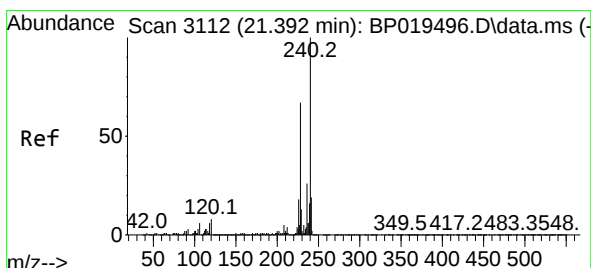
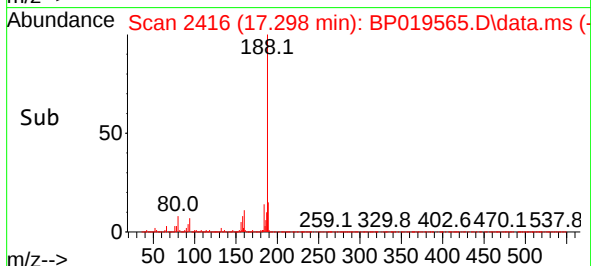
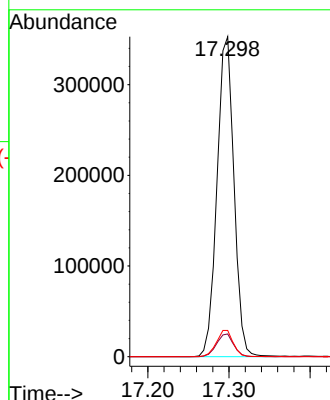
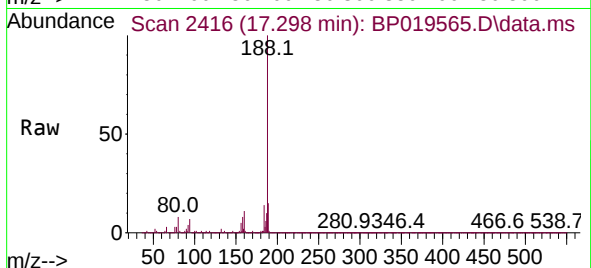
Tgt Ion:188 Resp: 512567

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019565.D

Acq: 06 Feb 2024 10:04

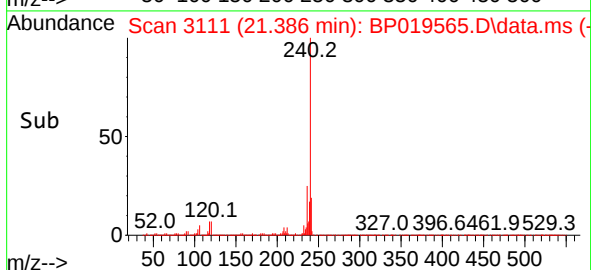
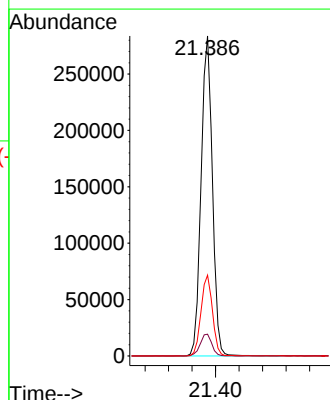
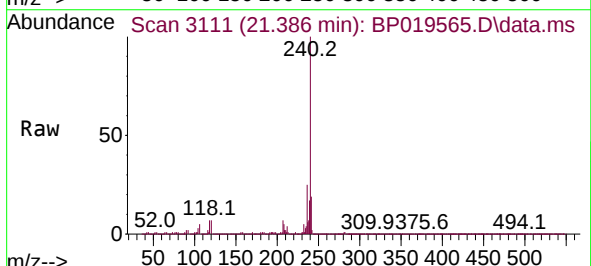
Tgt Ion:240 Resp: 378921

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 97.368 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019565.D

Acq: 06 Feb 2024 10:04

Instrument :

BNA_P

ClientSampleId :

PB158276BL

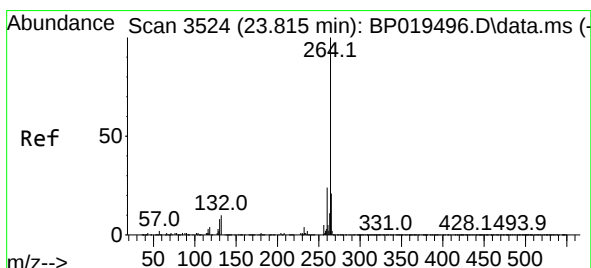
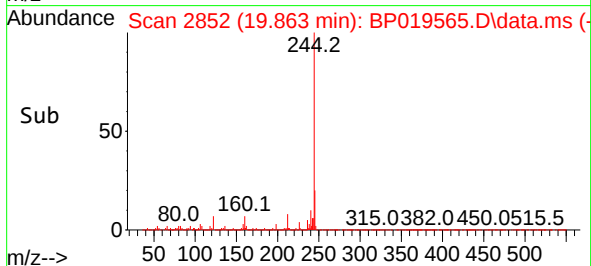
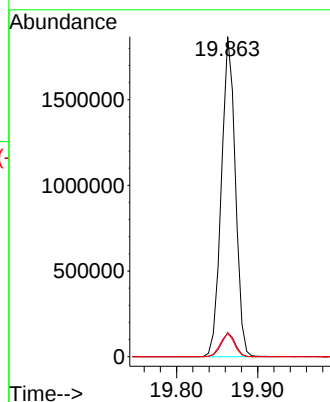
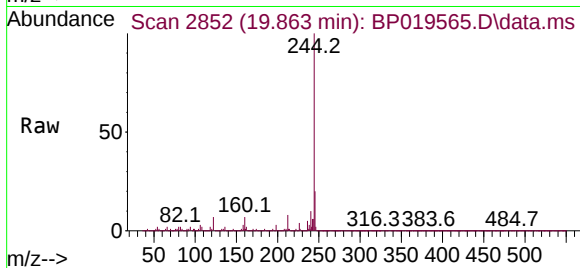
Tgt Ion:244 Resp: 2243462

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019565.D

Acq: 06 Feb 2024 10:04

Tgt Ion:264 Resp: 423790

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 17.0 25.4

