

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019667.D
Acq On : 12 Feb 2024 17:36
Operator : MA/JU
Sample : P1375-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

Quant Time: Feb 12 18:14:15 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	7.904	152	88835	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	311223	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	170776	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	353709	20.000	ng	0.00
76) Chrysene-d12	21.386	240	415811	20.000	ng	0.00
86) Perylene-d12	23.810	264	533743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	660892	119.920	ng	0.00
7) Phenol-d6	7.081	99	760061	102.282	ng	0.00
23) Nitrobenzene-d5	9.075	82	630209	87.744	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	380449	152.579	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1282395	92.831	ng	-0.01
79) Terphenyl-d14	19.863	244	2084425	82.440	ng	0.00

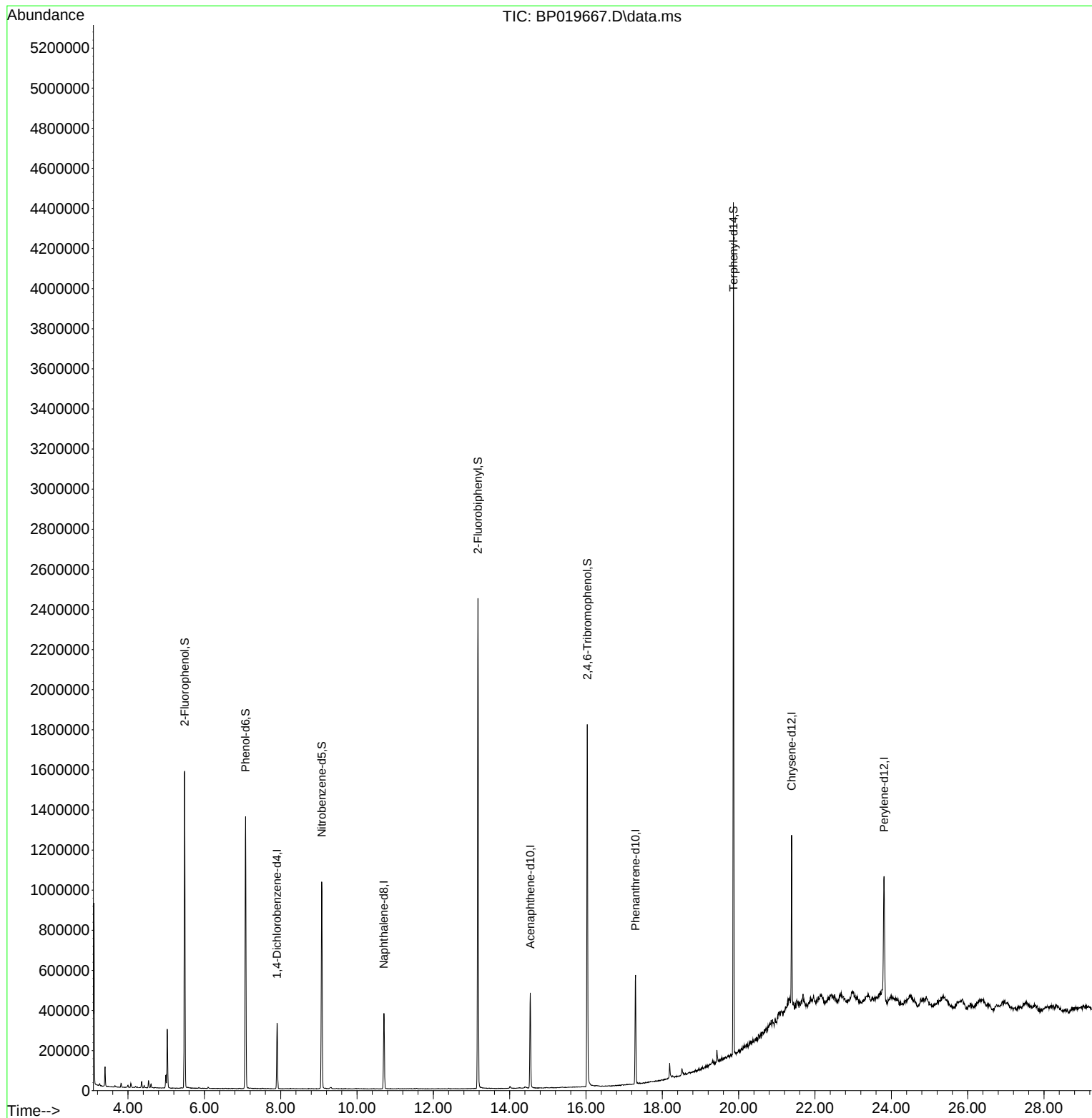
Target Compounds	Qvalue

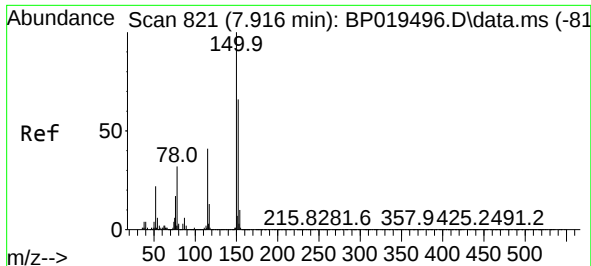
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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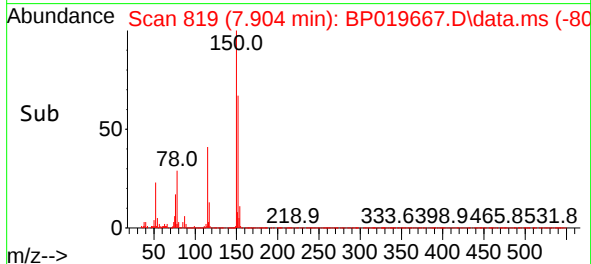
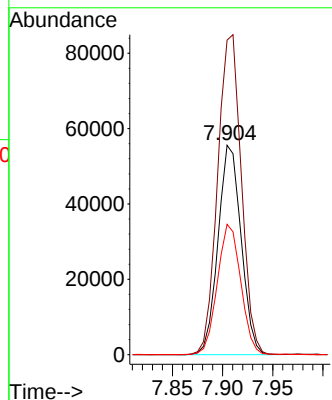
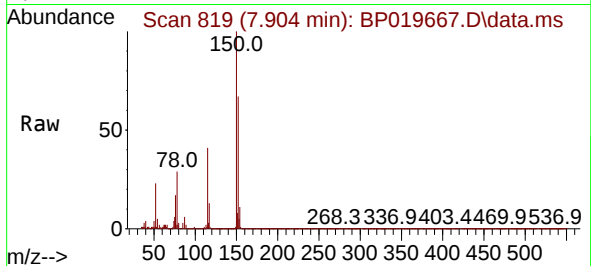




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

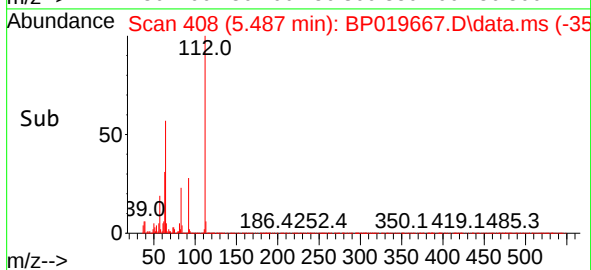
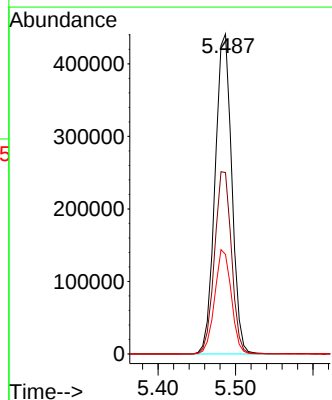
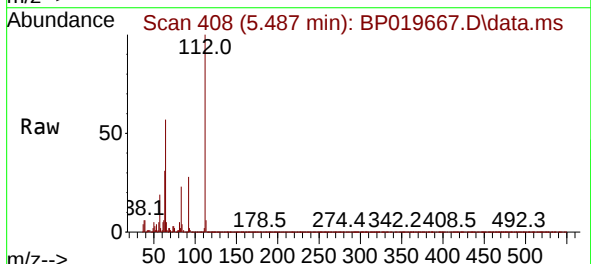
Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 88835
Ion Ratio Lower Upper
152 100
150 150.2 121.8 182.8
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 119.920 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

Tgt Ion:112 Resp: 660892
Ion Ratio Lower Upper
112 100
64 56.7 47.4 71.0
63 31.1 27.0 40.6

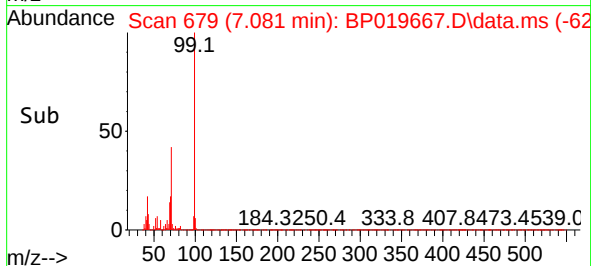
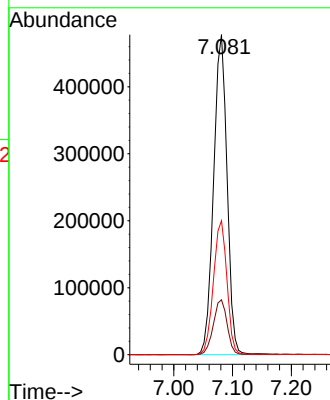
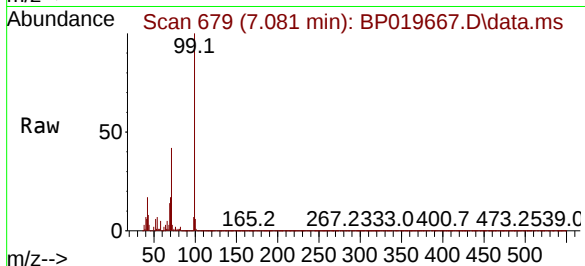




#7
Phenol-d6
Concen: 102.282 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

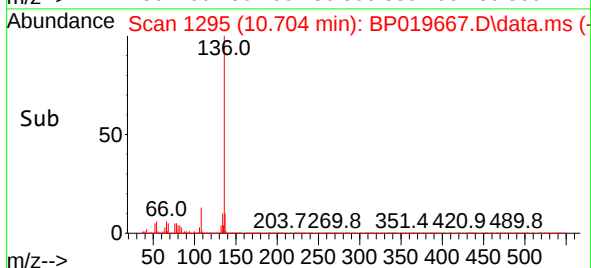
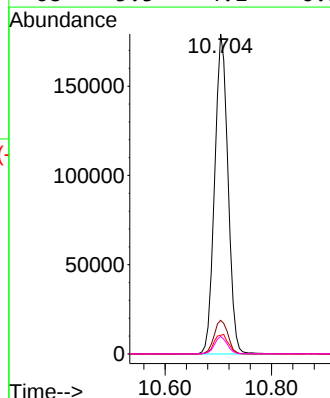
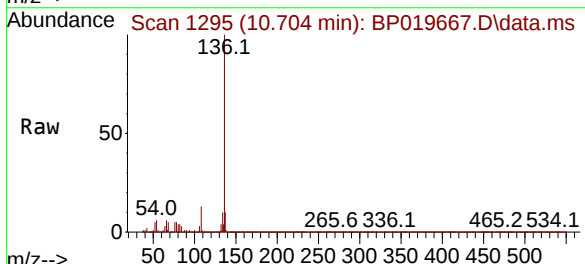
Instrument :
BNA_P
ClientSampleId :
TP-1

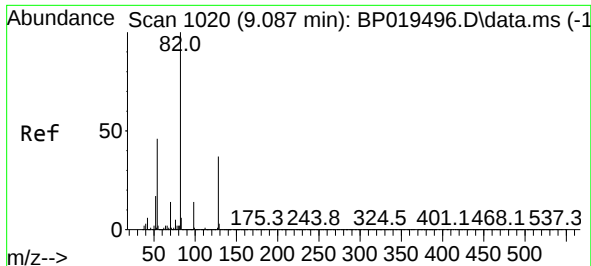
Tgt Ion: 99 Resp: 760061
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 41.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

Tgt Ion: 136 Resp: 311223
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.9 5.3 7.9
68 5.5 4.1 6.1

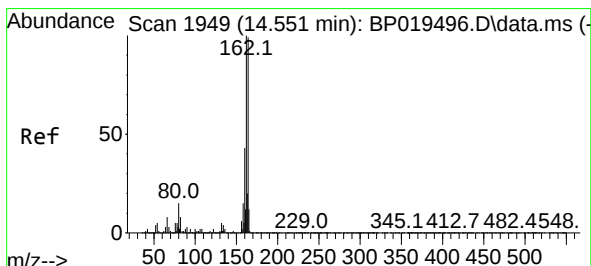
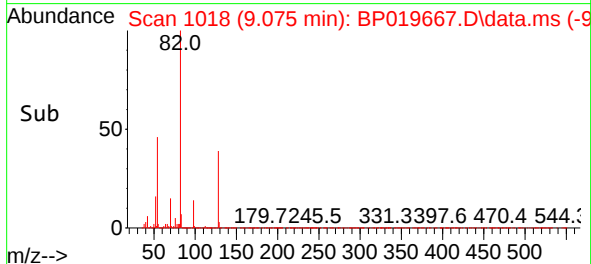
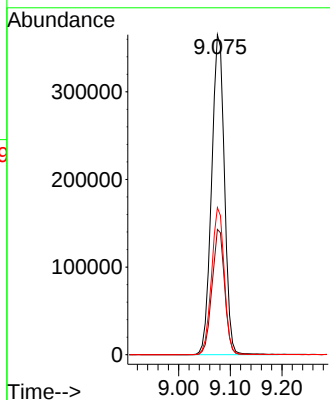
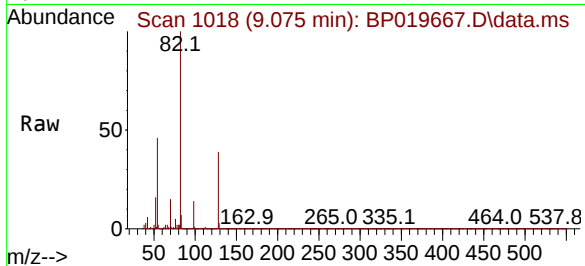




#23
Nitrobenzene-d5
Concen: 87.744 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

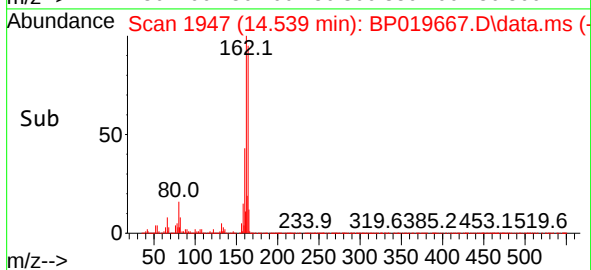
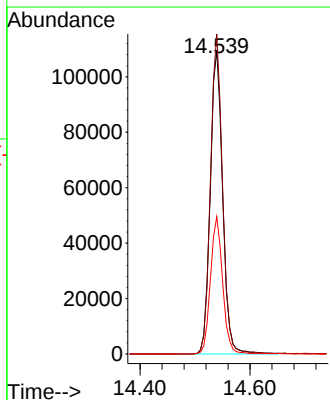
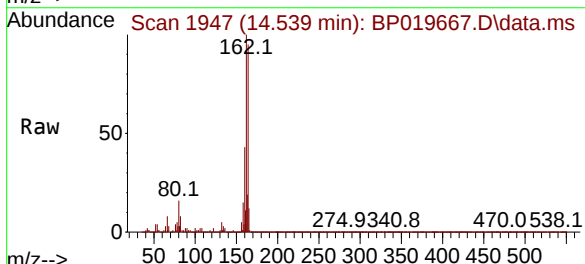
Instrument :
BNA_P
ClientSampleId :
TP-1

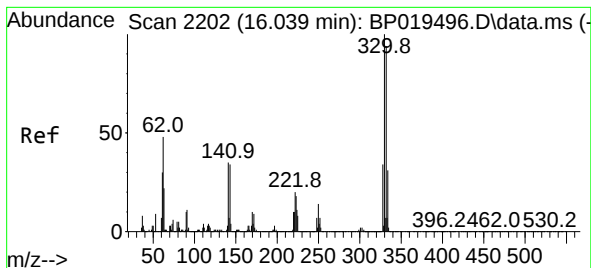
Tgt Ion: 82 Resp: 630209
Ion Ratio Lower Upper
82 100
128 39.1 29.7 44.5
54 45.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019667.D
Acq: 12 Feb 2024 17:36

Tgt Ion: 164 Resp: 170776
Ion Ratio Lower Upper
164 100
162 105.4 81.2 121.8
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.579 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019667.D

Acq: 12 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

TP-1

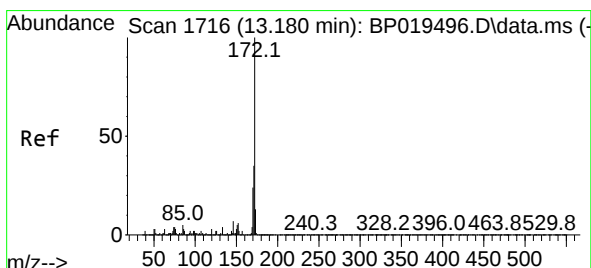
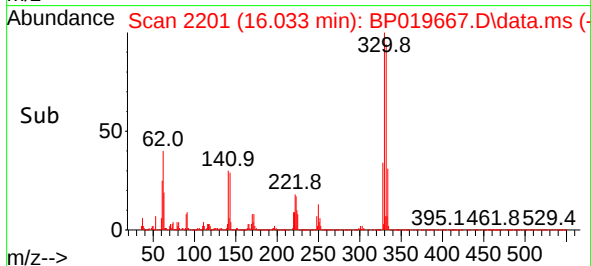
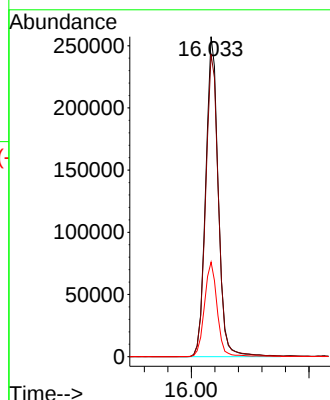
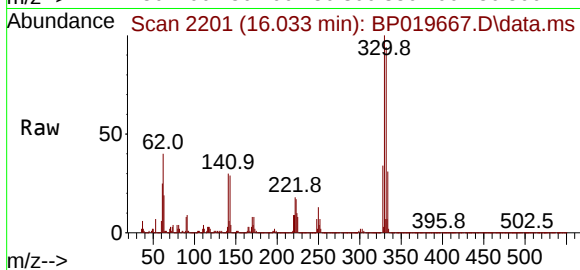
Tgt Ion:330 Resp: 380449

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 92.831 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019667.D

Acq: 12 Feb 2024 17:36

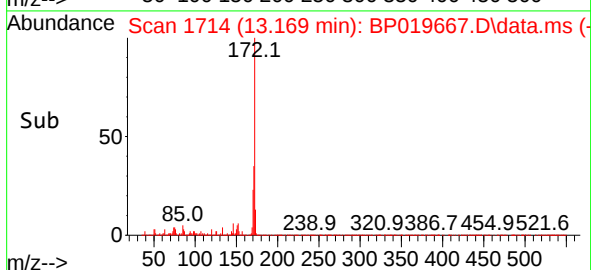
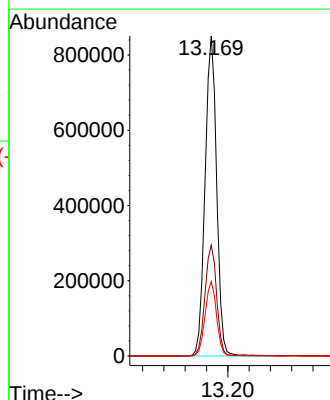
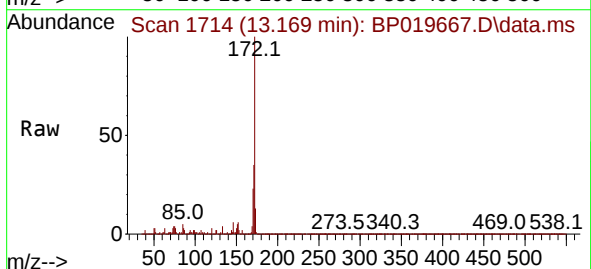
Tgt Ion:172 Resp: 1282395

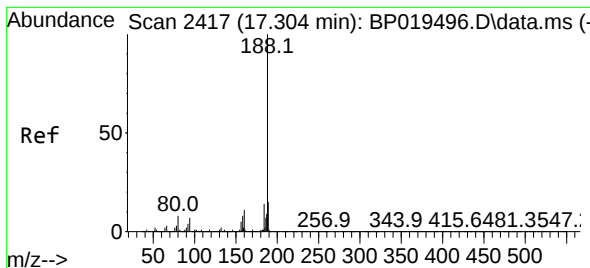
Ion Ratio Lower Upper

172 100

171 34.6 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: BP019667.D

Acq: 12 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

TP-1

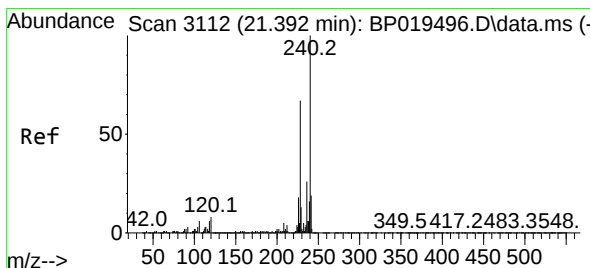
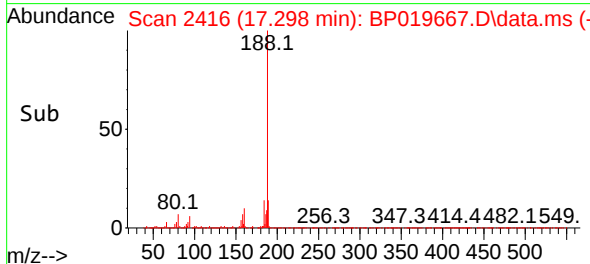
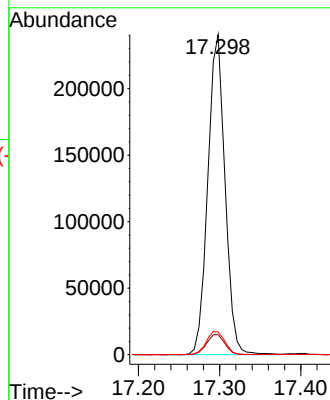
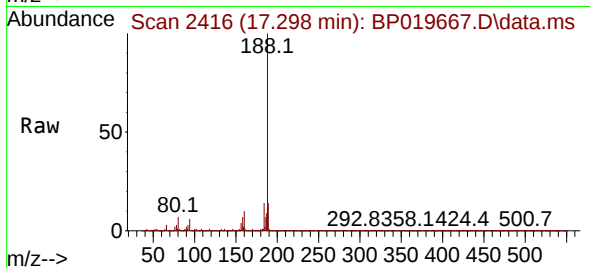
Tgt Ion:188 Resp: 353709

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.1 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: BP019667.D

Acq: 12 Feb 2024 17:36

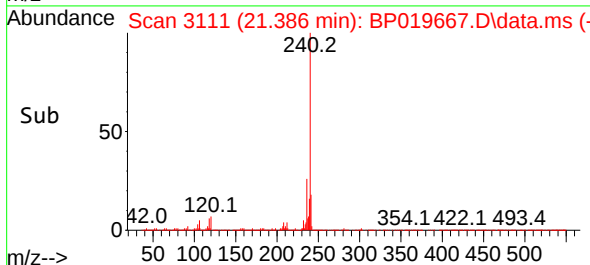
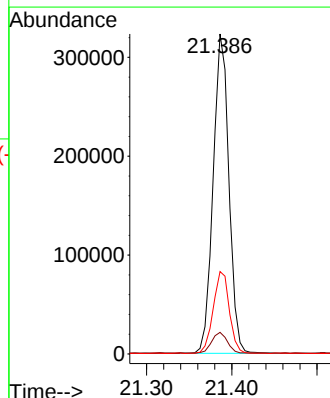
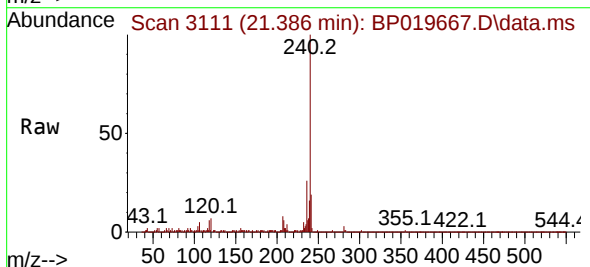
Tgt Ion:240 Resp: 415811

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 82.440 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019667.D

Acq: 12 Feb 2024 17:36

Instrument :

BNA_P

ClientSampleId :

TP-1

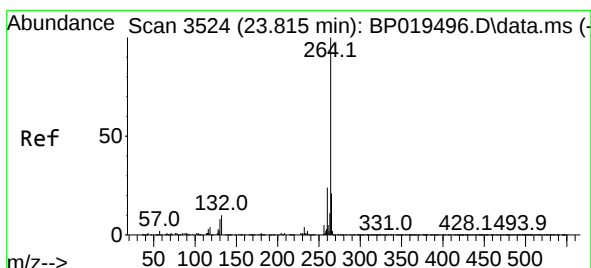
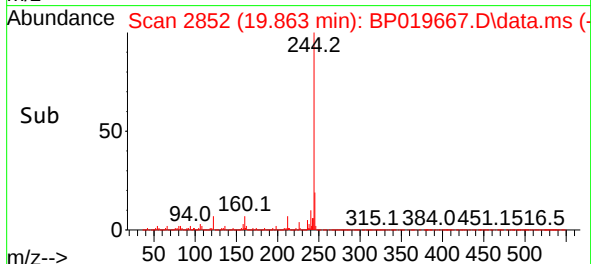
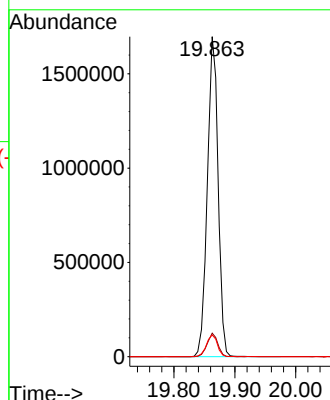
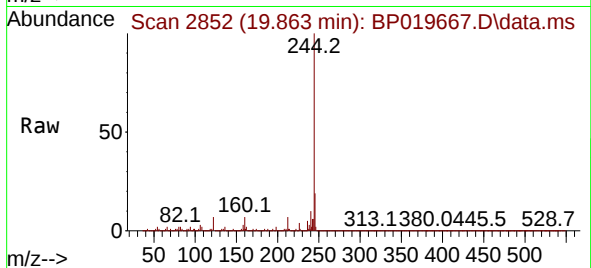
Tgt Ion:244 Resp: 2084425

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.8 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: BP019667.D

Acq: 12 Feb 2024 17:36

Tgt Ion:264 Resp: 533743

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 17.0 25.4

