

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019696.D
 Acq On : 14 Feb 2024 12:00
 Operator : MA/JU
 Sample : PB158849TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158849TB

Quant Time: Feb 14 12:30:16 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	60454	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	208947	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	134865	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	327495	20.000	ng	0.00
76) Chrysene-d12	21.386	240	342897	20.000	ng	0.00
86) Perylene-d12	23.810	264	418430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	485441	129.436	ng	0.00
7) Phenol-d6	7.081	99	603100	119.262	ng	0.00
23) Nitrobenzene-d5	9.075	82	414999	86.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	340660	173.001	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	942032	86.351	ng	-0.01
79) Terphenyl-d14	19.863	244	1926846	92.412	ng	0.00

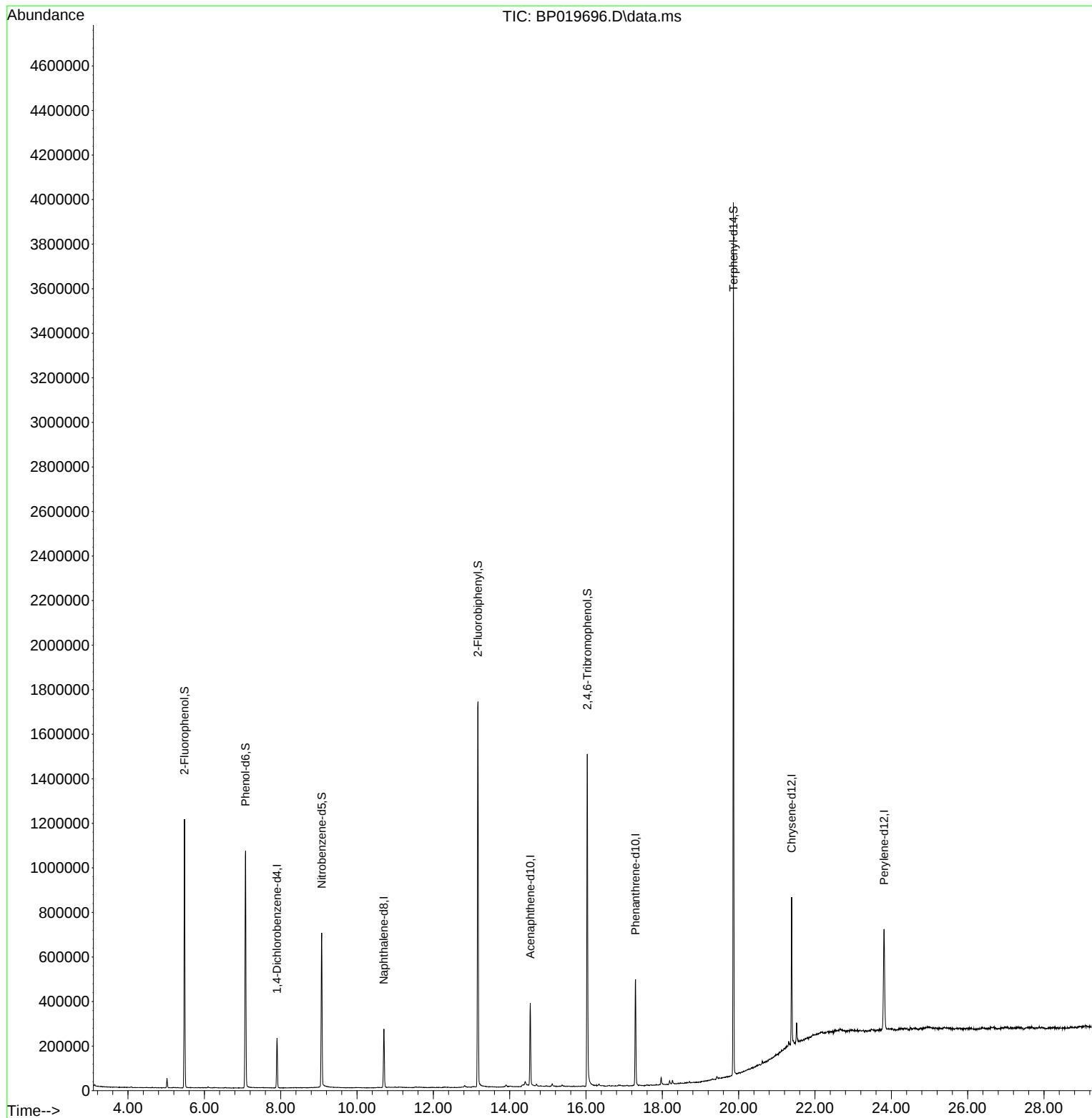
Target Compounds	Qvalue

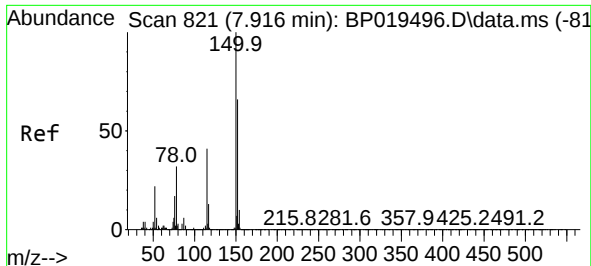
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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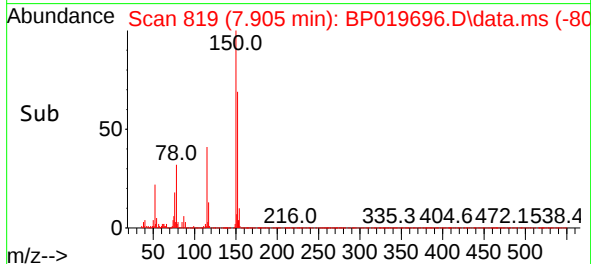
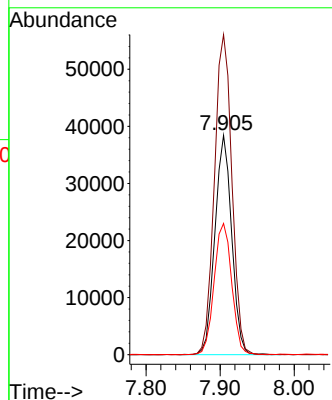
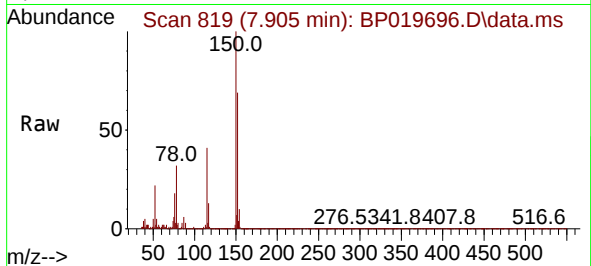




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

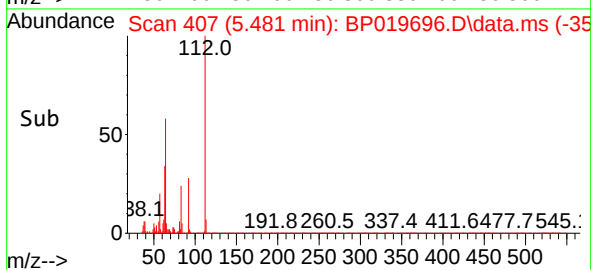
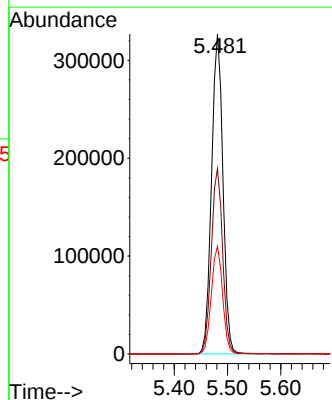
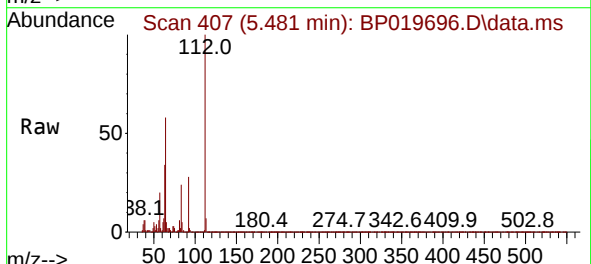
Instrument :
BNA_P
ClientSampleId :
PB158849TB

Tgt Ion:152 Resp: 60454
Ion Ratio Lower Upper
152 100
150 145.9 121.8 182.8
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 129.436 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

Tgt Ion:112 Resp: 485441
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.0
63 33.7 27.0 40.6

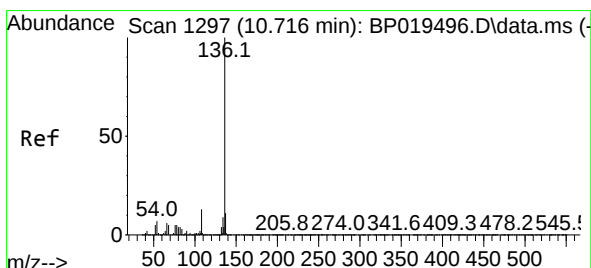
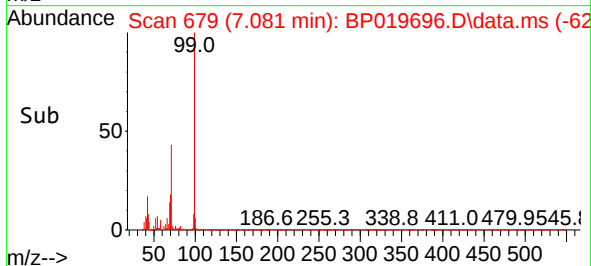
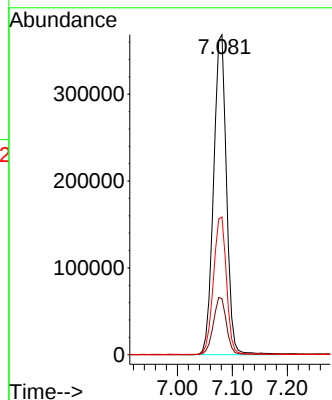
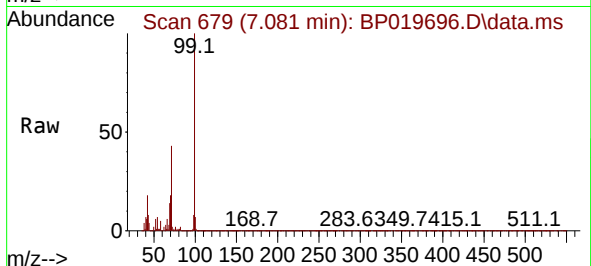




#7
Phenol-d6
Concen: 119.262 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

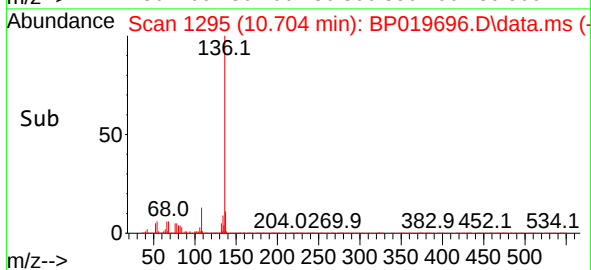
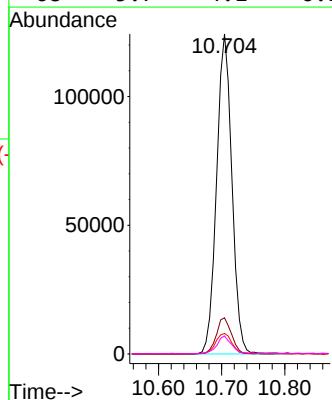
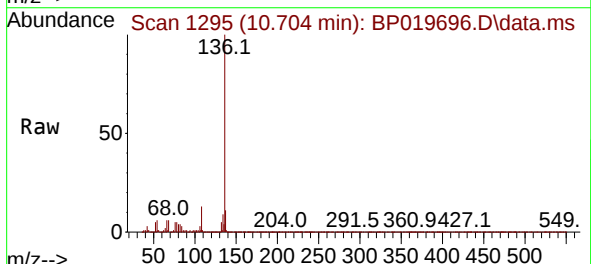
Instrument :
BNA_P
ClientSampleId :
PB158849TB

Tgt Ion: 99 Resp: 603100
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.0 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: BP019696.D
Acq: 14 Feb 2024 12:00

Tgt Ion: 136 Resp: 208947
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.4 5.3 7.9
68 5.7 4.1 6.1

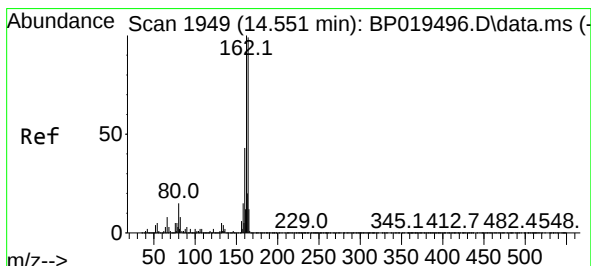
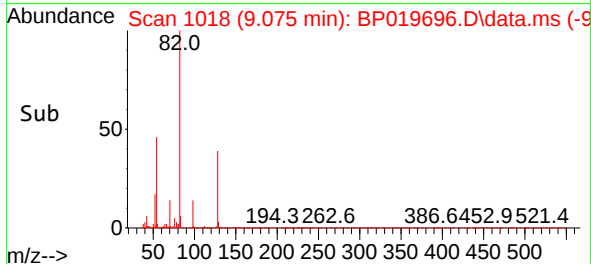
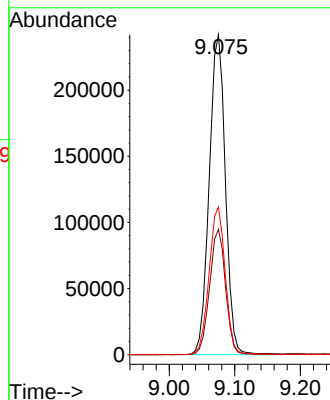
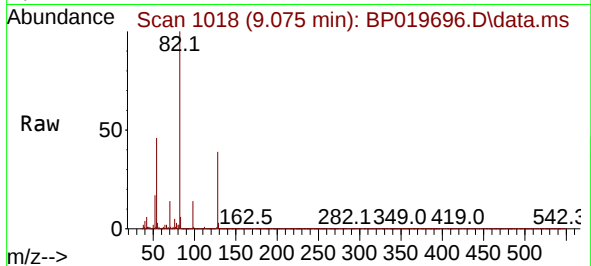




#23
Nitrobenzene-d5
Concen: 86.062 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

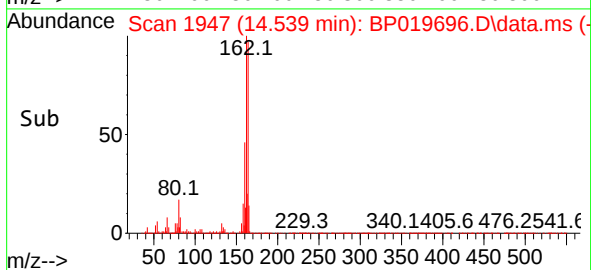
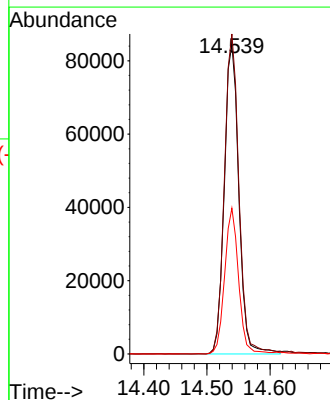
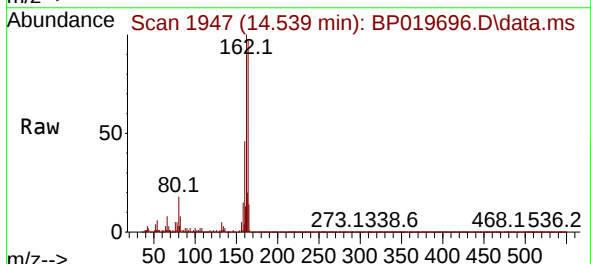
Instrument :
BNA_P
ClientSampleId :
PB158849TB

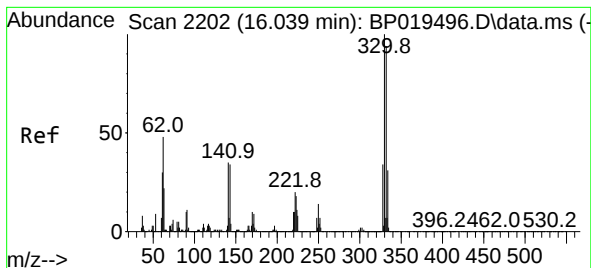
Tgt Ion: 82 Resp: 414999
Ion Ratio Lower Upper
82 100
128 39.1 29.7 44.5
54 46.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

Tgt Ion: 164 Resp: 134865
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 47.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 173.001 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019696.D

Acq: 14 Feb 2024 12:00

Instrument :

BNA_P

ClientSampleId :

PB158849TB

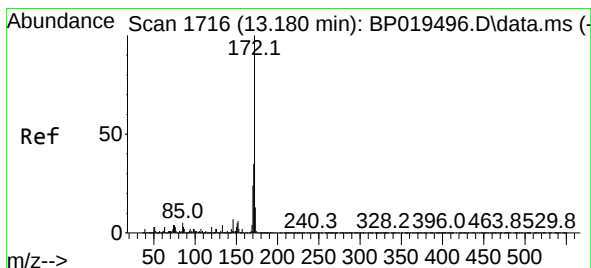
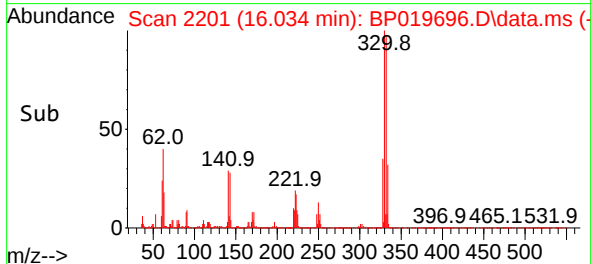
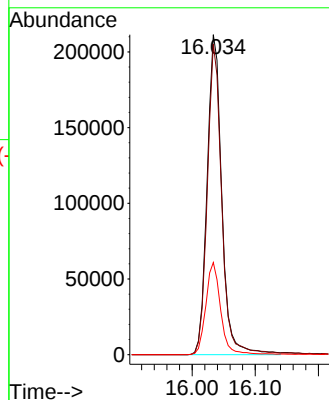
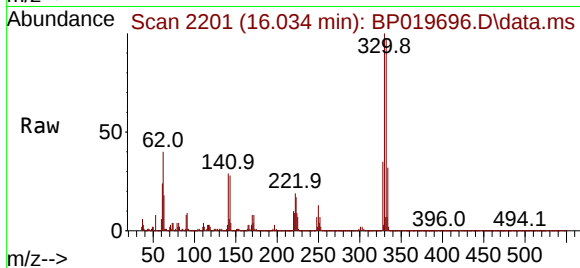
Tgt Ion:330 Resp: 340660

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 29.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.351 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019696.D

Acq: 14 Feb 2024 12:00

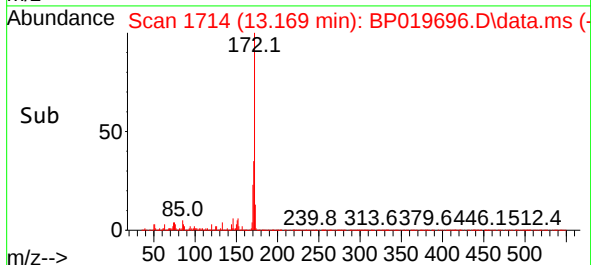
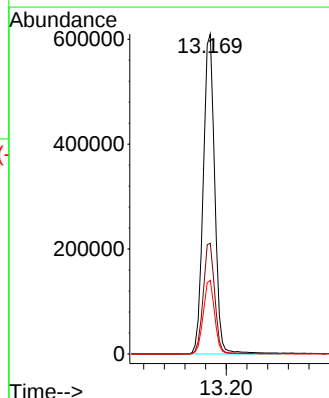
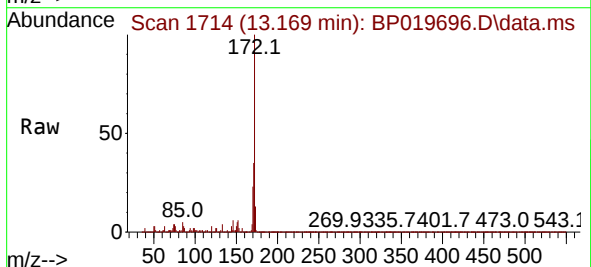
Tgt Ion:172 Resp: 942032

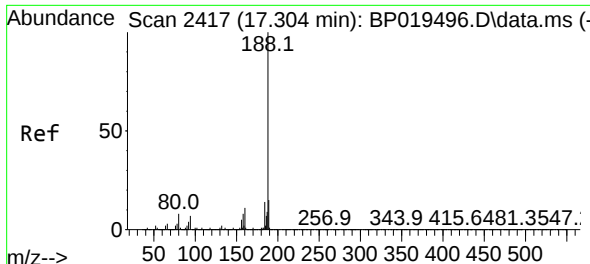
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.0 18.9 28.3

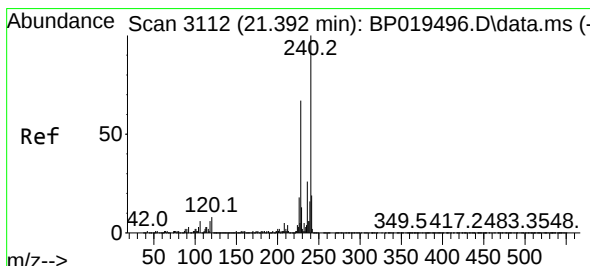
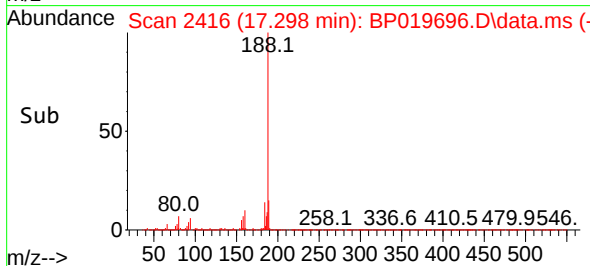
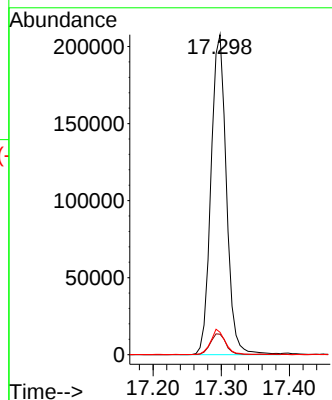
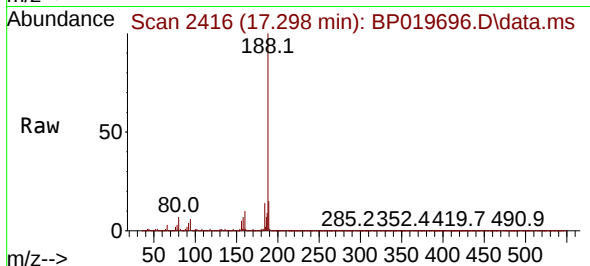




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019696.D
Acq: 14 Feb 2024 12:00

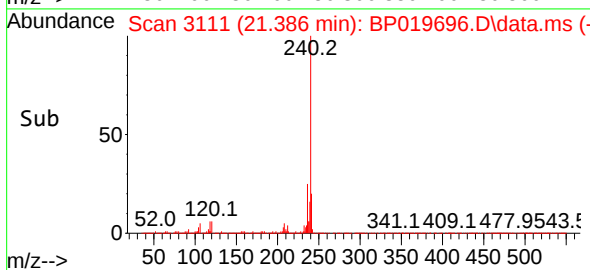
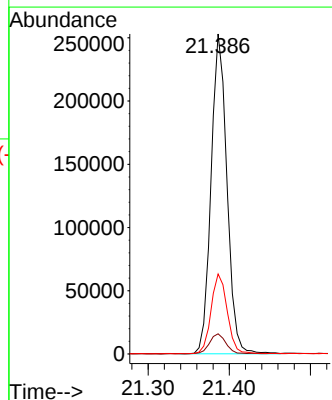
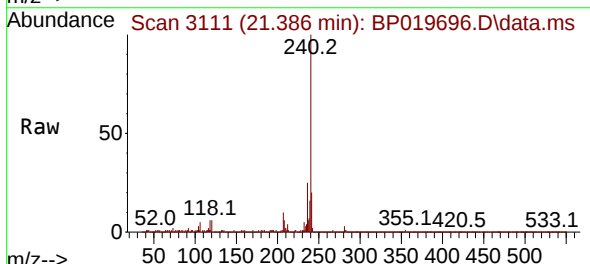
Instrument :
BNA_P
ClientSampleId :
PB158849TB

Tgt Ion:188 Resp: 327495
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.2
80 7.0 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: BP019696.D
Acq: 14 Feb 2024 12:00

Tgt Ion:240 Resp: 342897
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 92.412 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019696.D

Acq: 14 Feb 2024 12:00

Instrument :

BNA_P

ClientSampleId :

PB158849TB

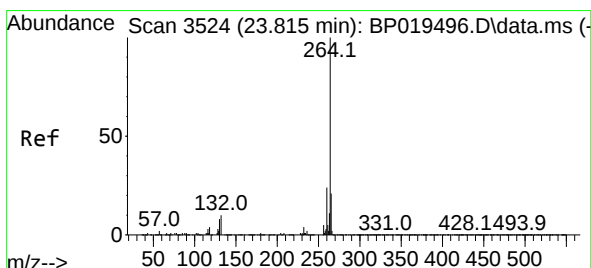
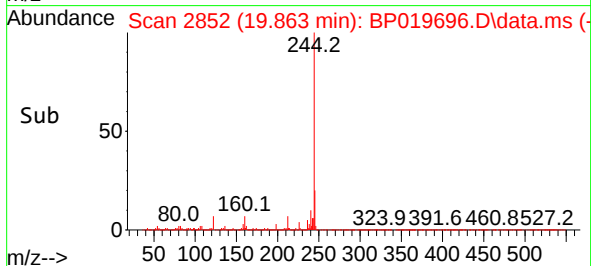
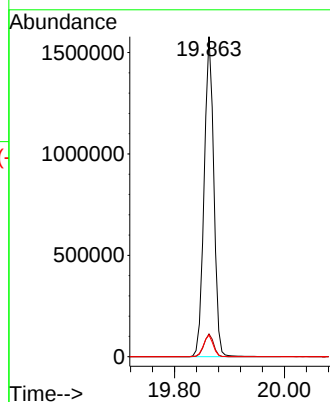
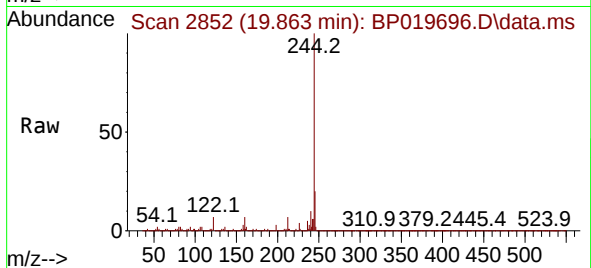
Tgt Ion:244 Resp: 1926846

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.7 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: BP019696.D

Acq: 14 Feb 2024 12:00

Tgt Ion:264 Resp: 418430

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.0 17.0 25.4

