

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019647.D
Acq On : 09 Feb 2024 23:32
Operator : MA/JU
Sample : P1391-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-3

Quant Time: Feb 10 00:55:27 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	73845	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	258580	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	152685	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	360152	20.000	ng	0.00
76) Chrysene-d12	21.386	240	422577	20.000	ng	0.00
86) Perylene-d12	23.804	264	489005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	532175	116.166	ng	0.00
7) Phenol-d6	7.081	99	655963	106.193	ng	0.00
23) Nitrobenzene-d5	9.075	82	455292	76.295	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	327299	146.816	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	918469	74.365	ng	-0.01
79) Terphenyl-d14	19.863	244	1814836	70.628	ng	0.00

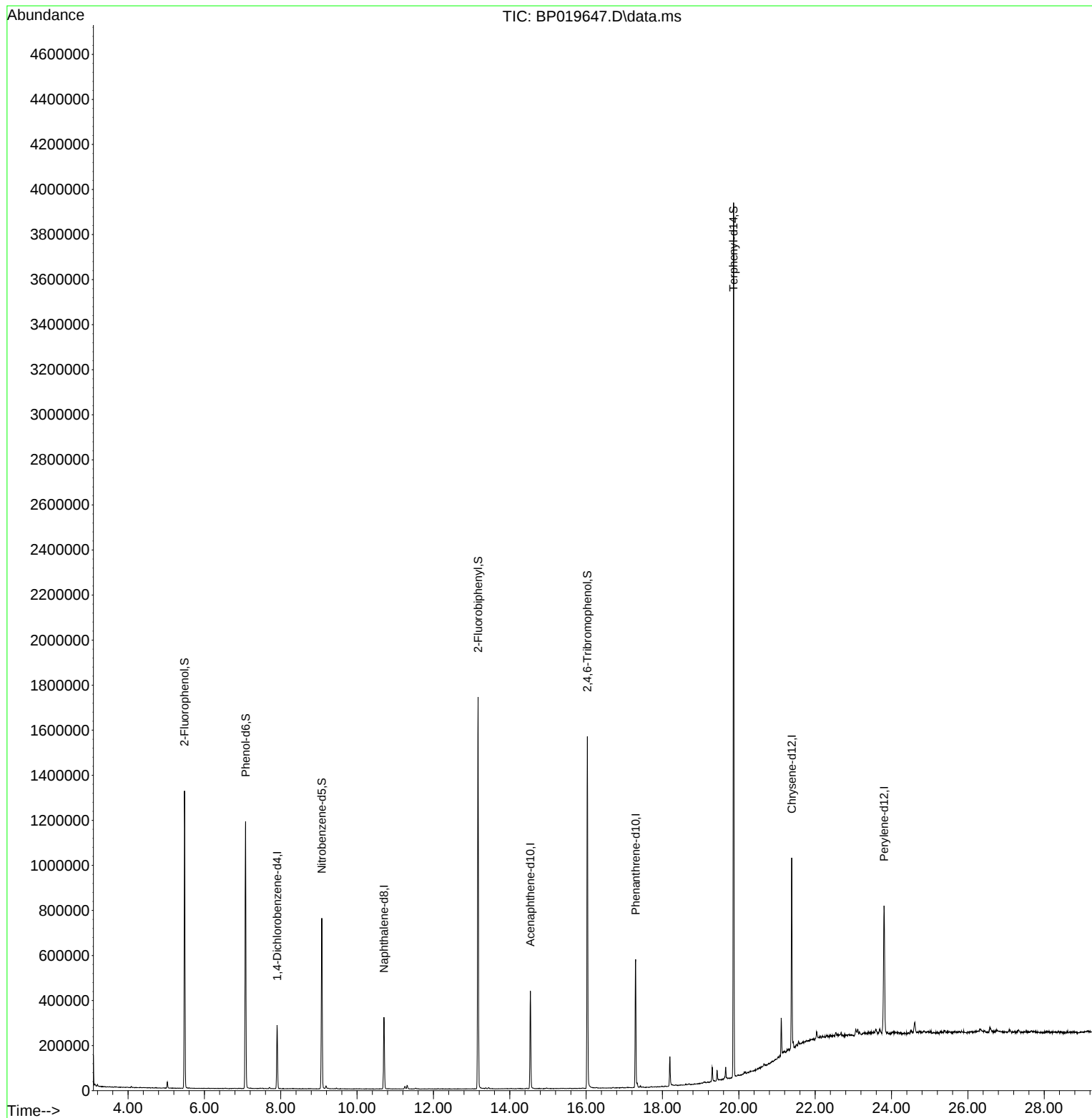
Target Compounds	Qvalue
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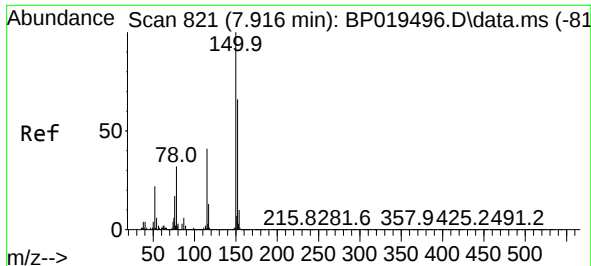
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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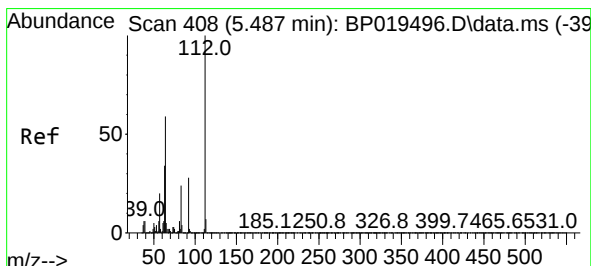
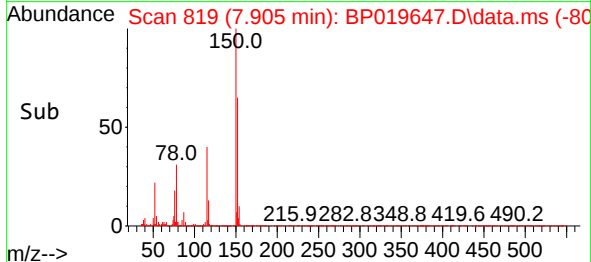
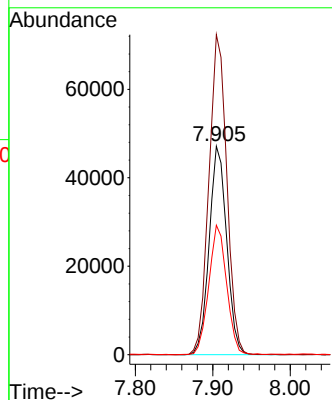
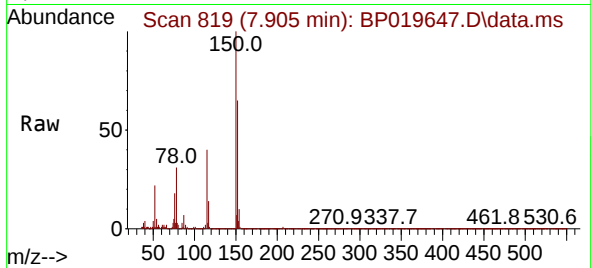




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019647.D
Acq: 09 Feb 2024 23:32

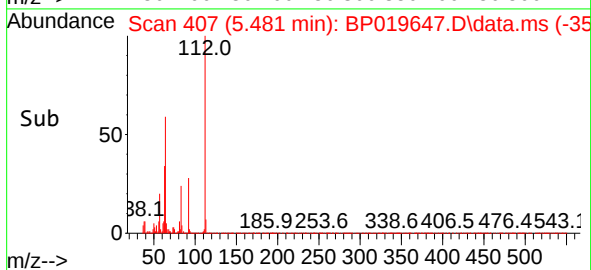
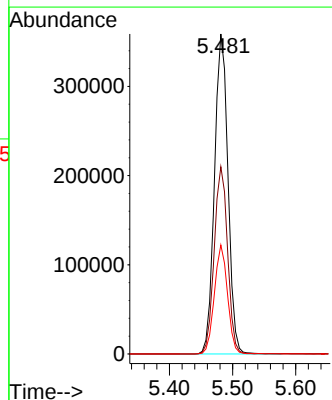
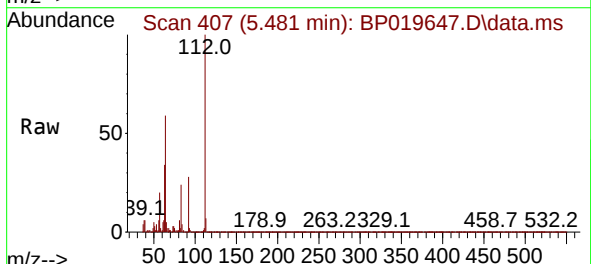
Instrument :
BNA_P
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 73845
Ion Ratio Lower Upper
152 100
150 153.5 121.8 182.8
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 116.166 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019647.D
Acq: 09 Feb 2024 23:32

Tgt Ion:112 Resp: 532175
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 34.1 27.0 40.6

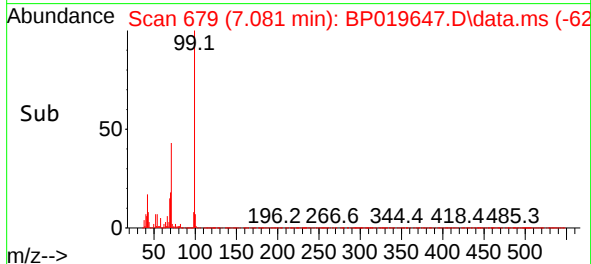
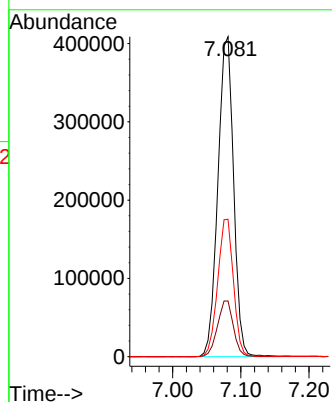
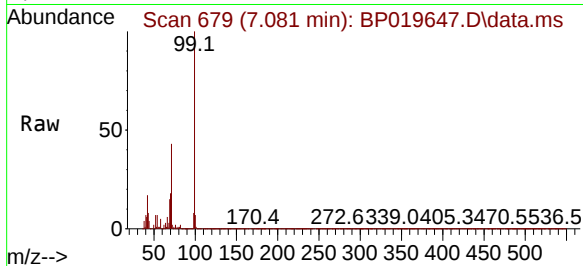




#7
Phenol-d6
Concen: 106.193 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019647.D
Acq: 09 Feb 2024 23:32

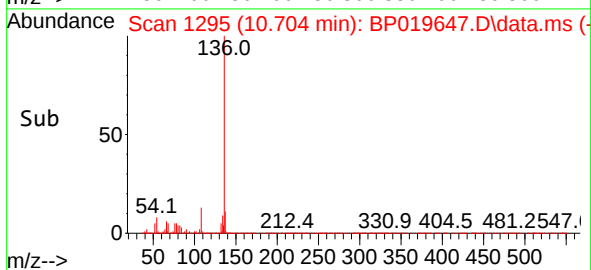
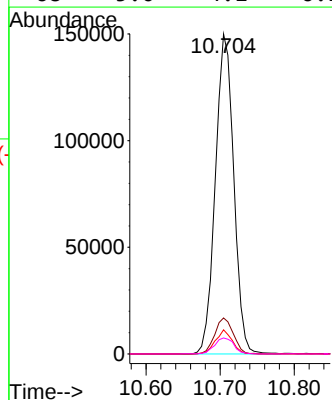
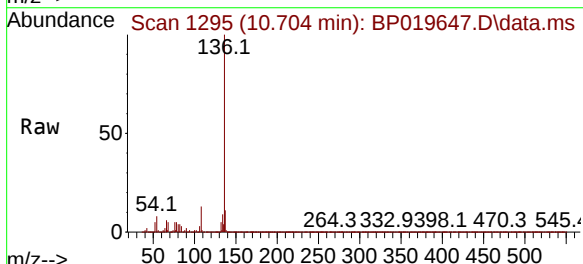
Instrument :
BNA_P
ClientSampleId :
SP-3

Tgt Ion: 99 Resp: 655963
Ion Ratio Lower Upper
99 100
42 17.4 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. -0.011 min
Lab File: BP019647.D
Acq: 09 Feb 2024 23:32

Tgt Ion: 136 Resp: 258580
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 76.295 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019647.D

Acq: 09 Feb 2024 23:32

Instrument :

BNA_P

ClientSampleId :

SP-3

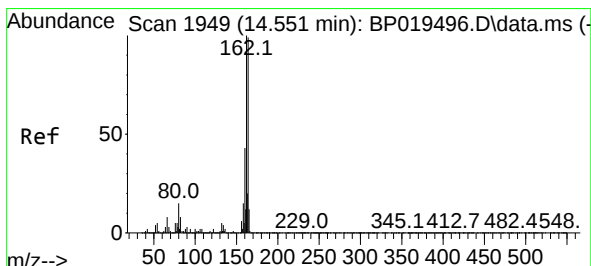
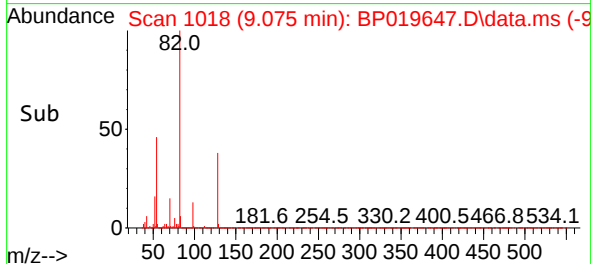
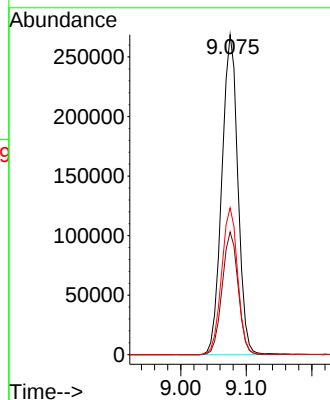
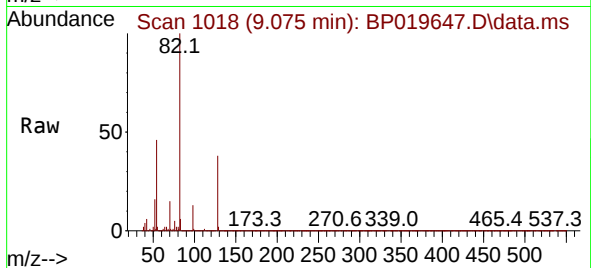
Tgt Ion: 82 Resp: 455292

Ion Ratio Lower Upper

82 100

128 38.3 29.7 44.5

54 45.9 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: BP019647.D

Acq: 09 Feb 2024 23:32

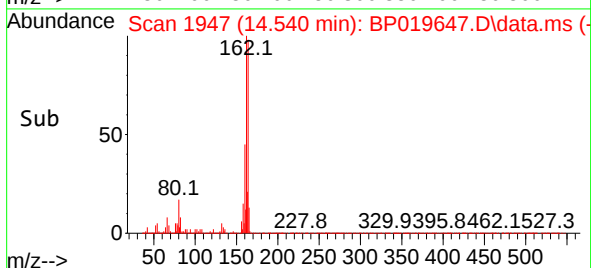
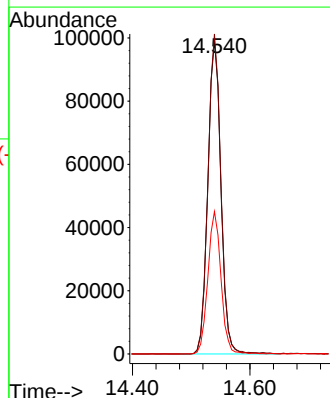
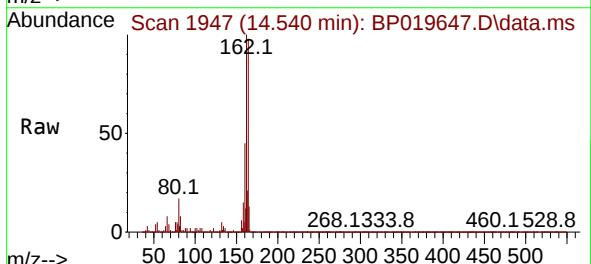
Tgt Ion:164 Resp: 152685

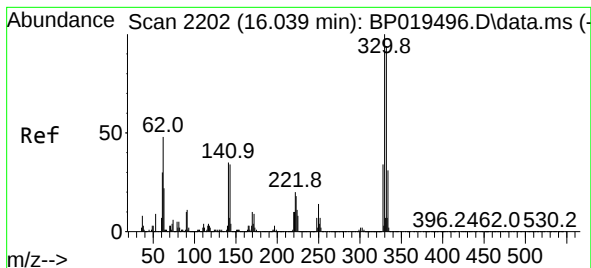
Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 146.816 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019647.D

Acq: 09 Feb 2024 23:32

Instrument :

BNA_P

ClientSampleId :

SP-3

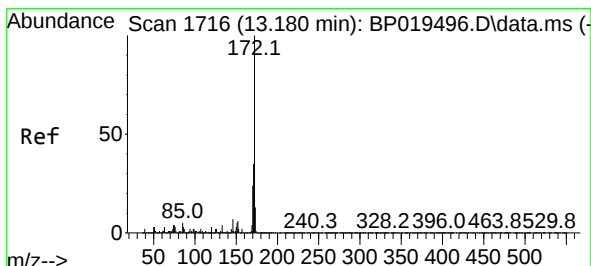
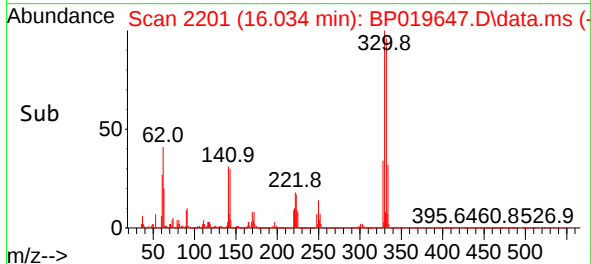
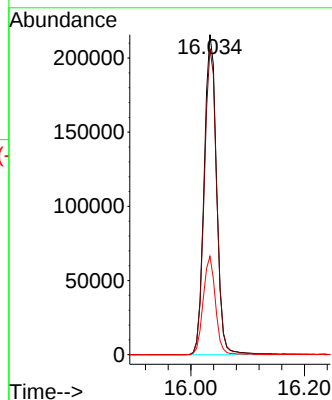
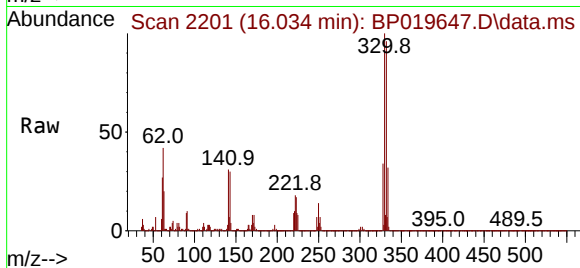
Tgt Ion:330 Resp: 327299

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 30.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 74.365 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019647.D

Acq: 09 Feb 2024 23:32

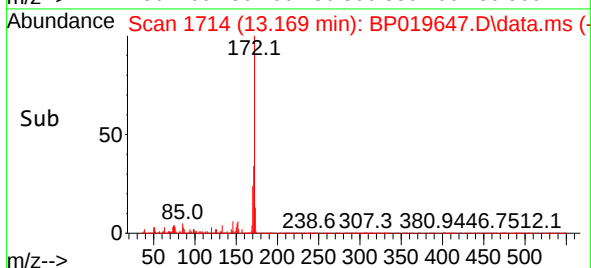
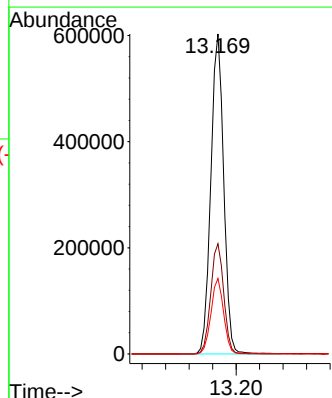
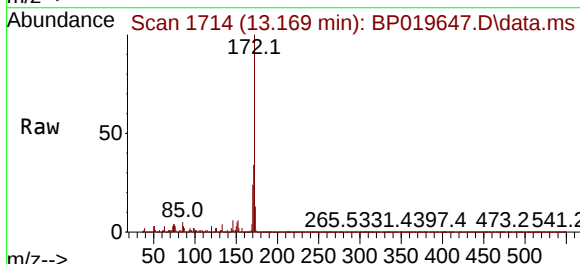
Tgt Ion:172 Resp: 918469

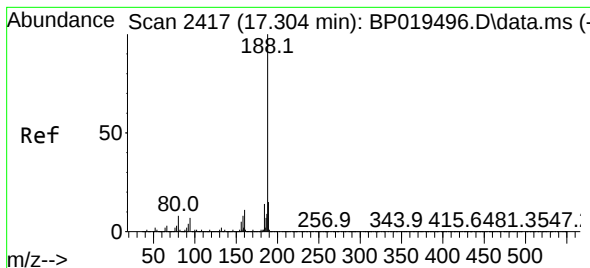
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 23.6 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: BP019647.D

Acq: 09 Feb 2024 23:32

Instrument :

BNA_P

ClientSampleId :

SP-3

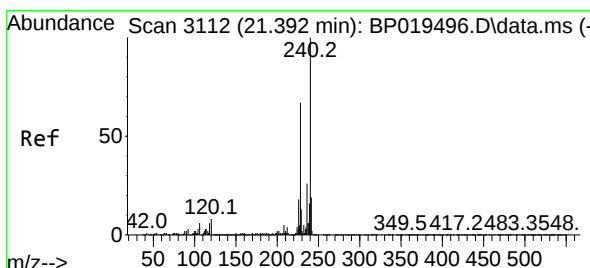
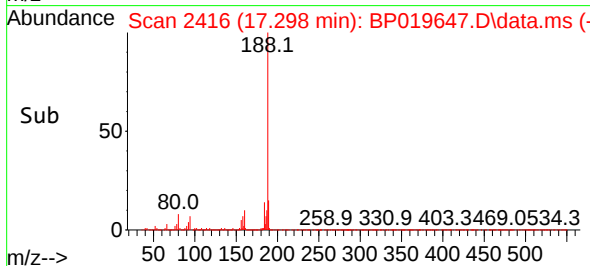
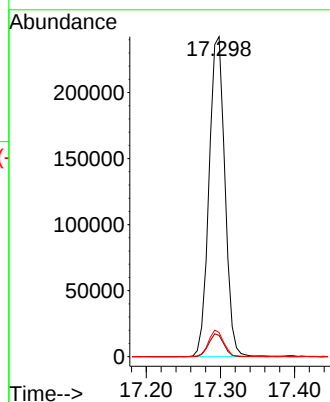
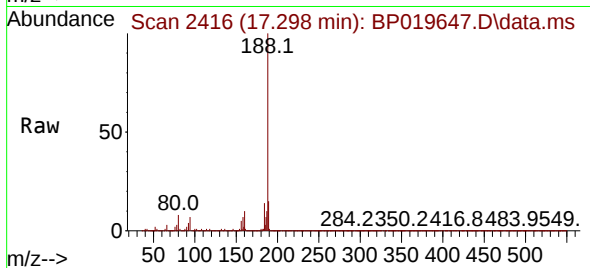
Tgt Ion:188 Resp: 360152

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.5 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: BP019647.D

Acq: 09 Feb 2024 23:32

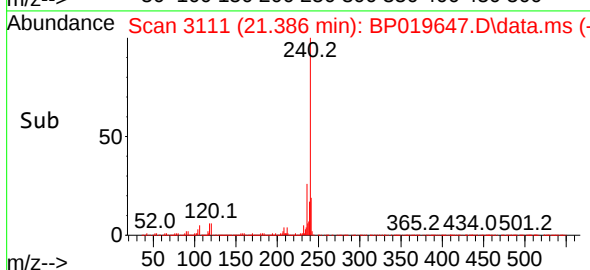
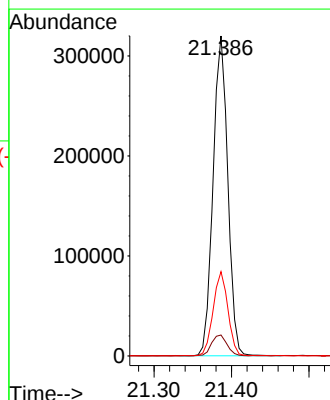
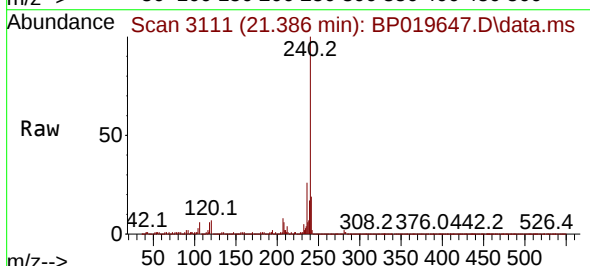
Tgt Ion:240 Resp: 422577

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.3 20.7 31.1

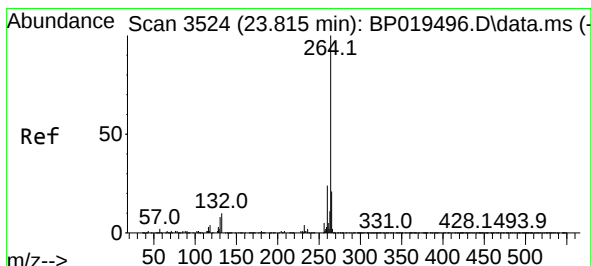
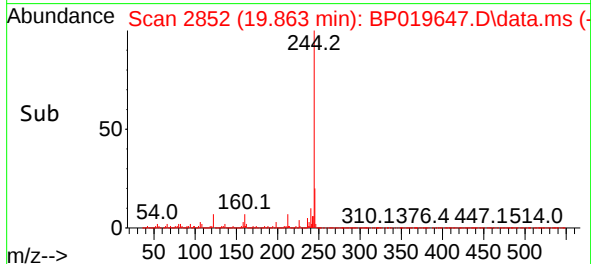
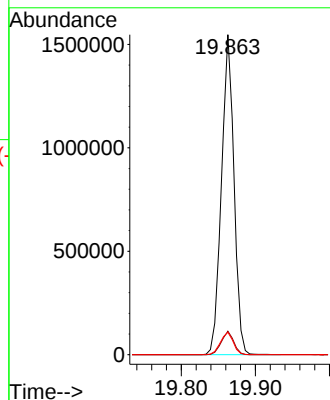
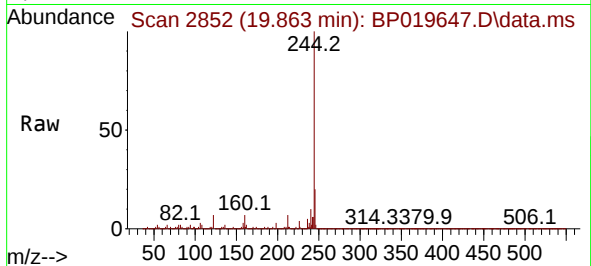




#79
 Terphenyl-d14
 Concen: 70.628 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019647.D
 Acq: 09 Feb 2024 23:32

Instrument :
 BNA_P
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 1814836
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.0 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: BP019647.D
 Acq: 09 Feb 2024 23:32

Tgt Ion:264 Resp: 489005
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 17.0 25.4

