

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019619.D
 Acq On : 08 Feb 2024 21:08
 Operator : MA/JU
 Sample : P1391-41
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-5

Quant Time: Feb 09 00:43:47 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)

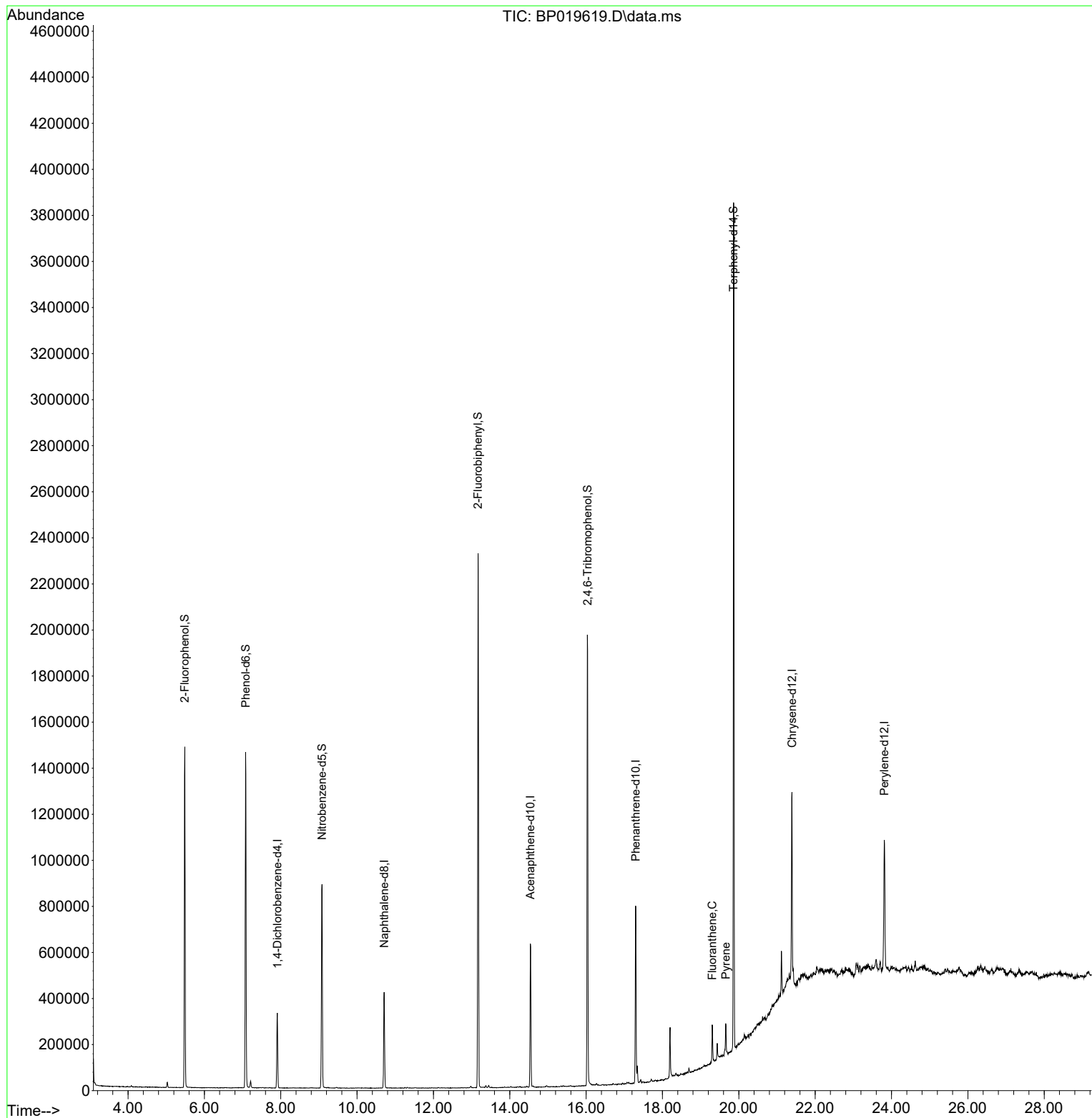
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	88404	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	339926	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	224040	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	483363	20.000	ng	0.00
76) Chrysene-d12	21.392	240	411395	20.000	ng	0.00
86) Perylene-d12	23.810	264	478569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	613517	111.866	ng	0.00
7) Phenol-d6	7.081	99	817227	110.512	ng	0.00
23) Nitrobenzene-d5	9.081	82	538559	68.652	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	413547	126.423	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1232696	68.019	ng	-0.01
79) Terphenyl-d14	19.863	244	1848765	73.904	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.304	202	98519	3.170	ng	98
78) Pyrene	19.657	202	80576	2.775	ng	97

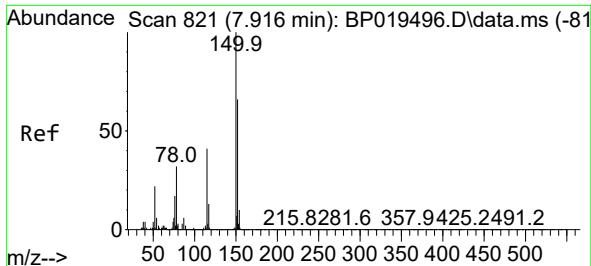
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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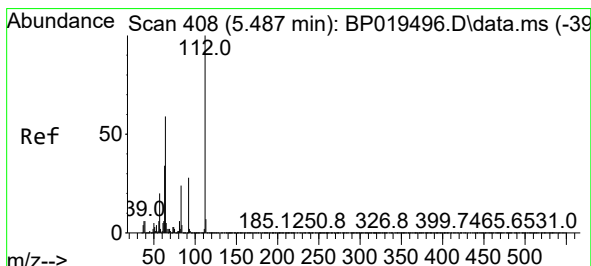
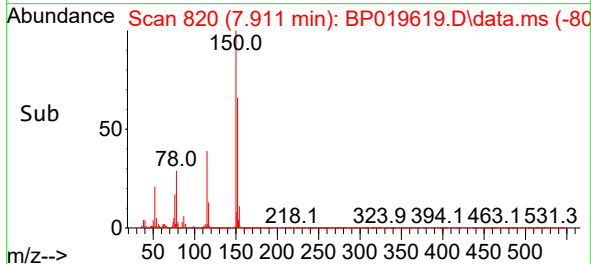
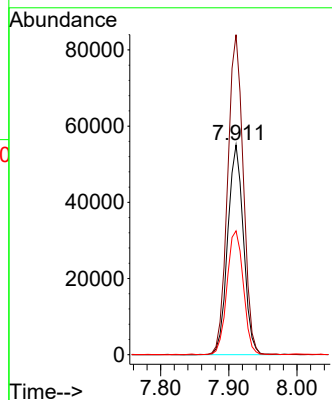
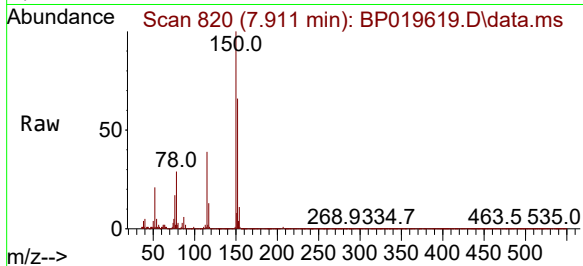




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

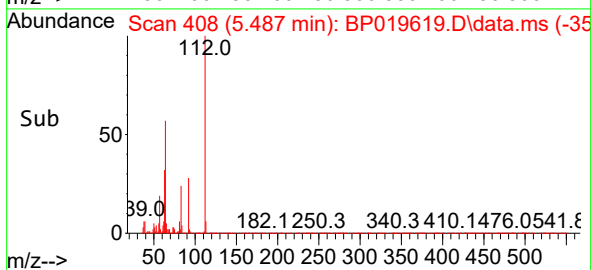
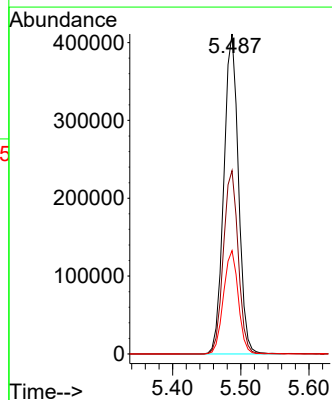
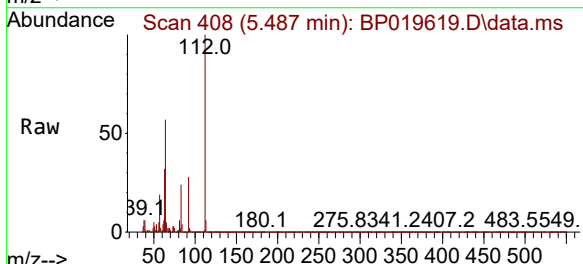
Instrument :
BNA_P
ClientSampleId :
SP-5

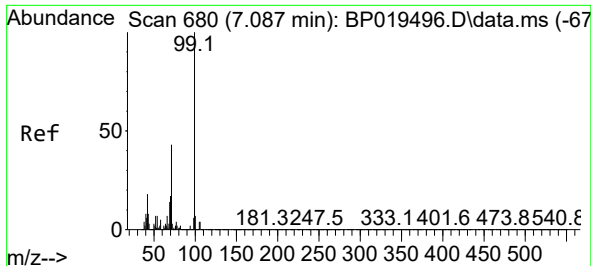
Tgt Ion:152 Resp: 88404
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 111.866 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

Tgt Ion:112 Resp: 613517
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.0
63 32.3 27.0 40.6

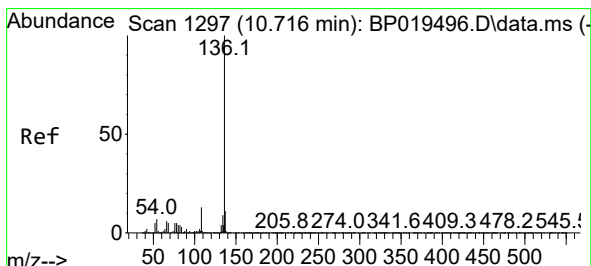
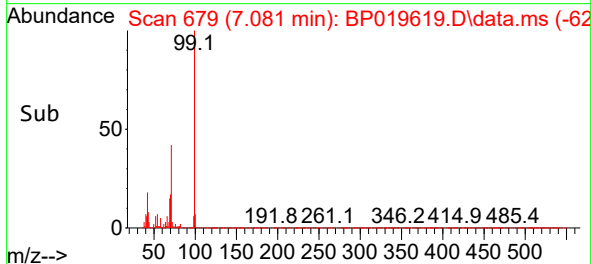
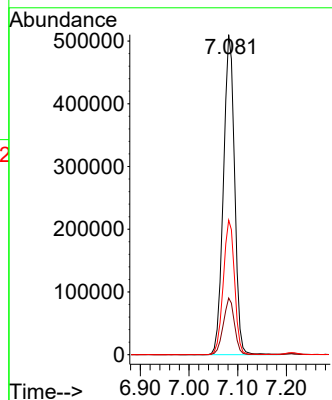
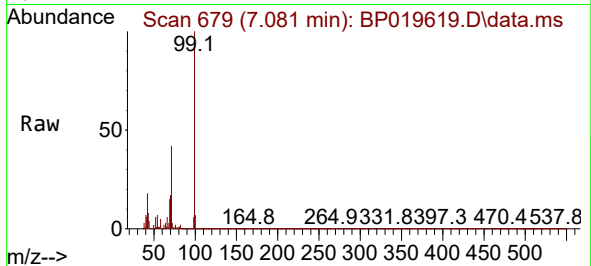




#7
Phenol-d6
Concen: 110.512 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

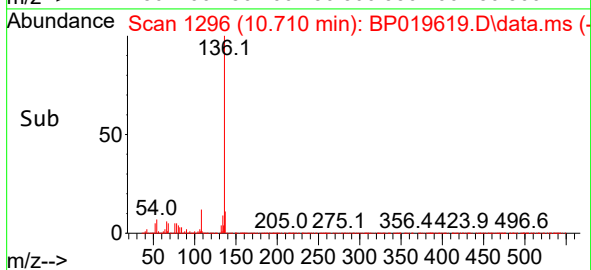
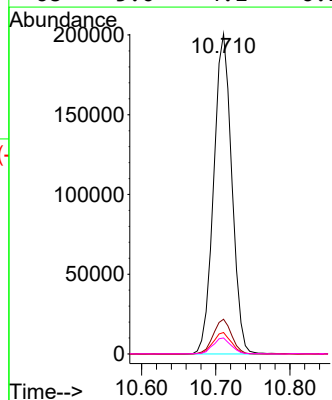
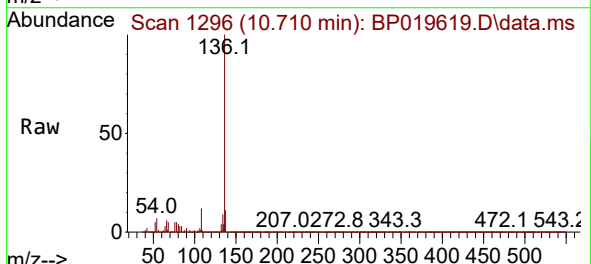
Instrument :
BNA_P
ClientSampleId :
SP-5

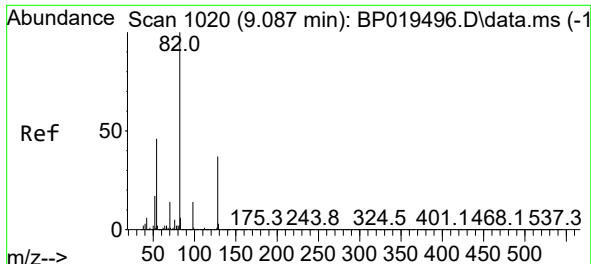
Tgt Ion: 99 Resp: 817227
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.1 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

Tgt Ion: 136 Resp: 339926
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 68.652 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.005 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

Instrument :

BNA_P

ClientSampleId :

SP-5

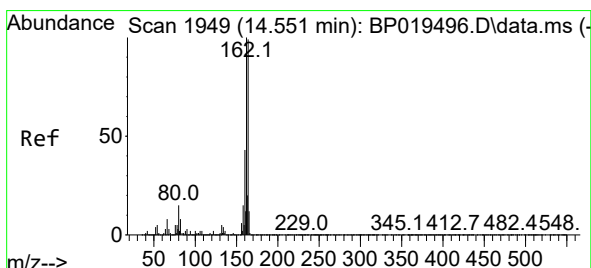
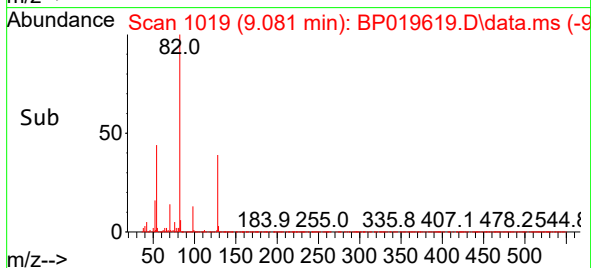
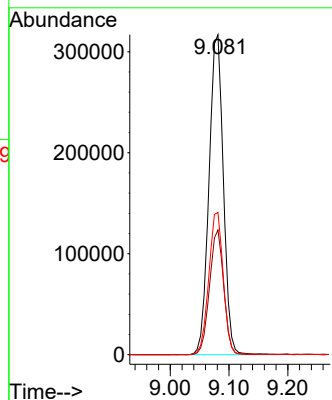
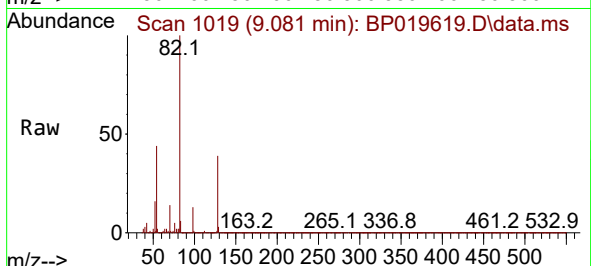
Tgt Ion: 82 Resp: 538559

Ion Ratio Lower Upper

82 100

128 39.0 29.7 44.5

54 44.5 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: BP019619.D

Acq: 08 Feb 2024 21:08

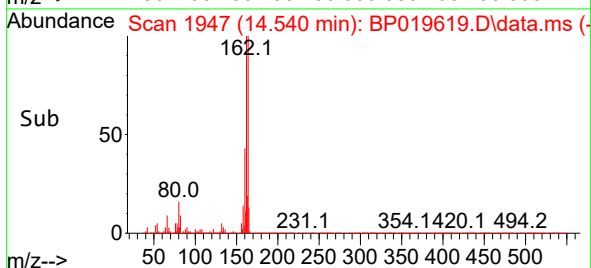
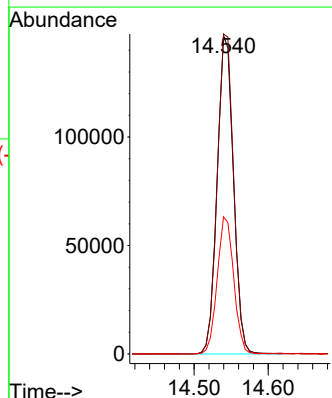
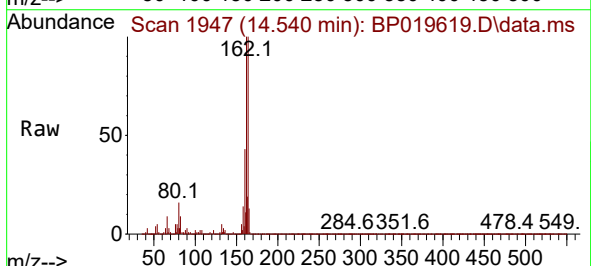
Tgt Ion:164 Resp: 224040

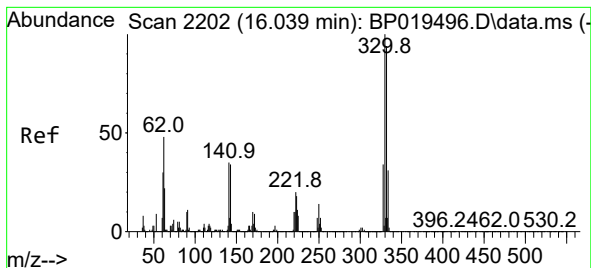
Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.423 ng

RT: 16.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

Instrument :

BNA_P

ClientSampleId :

SP-5

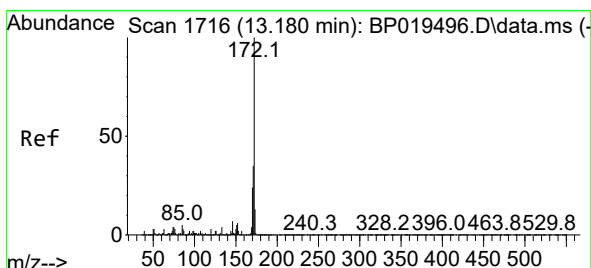
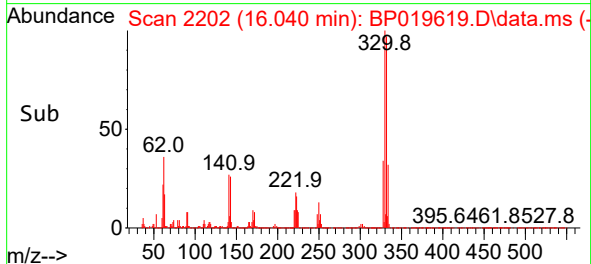
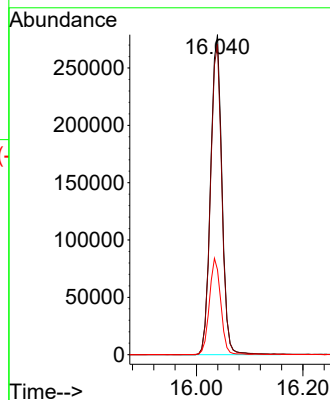
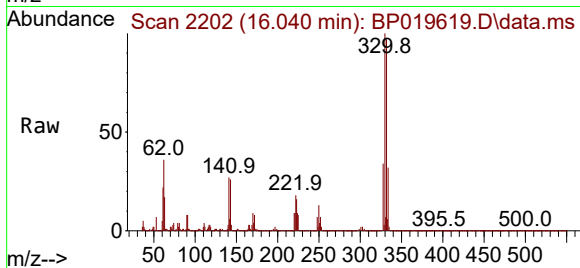
Tgt Ion:330 Resp: 413547

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 68.019 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

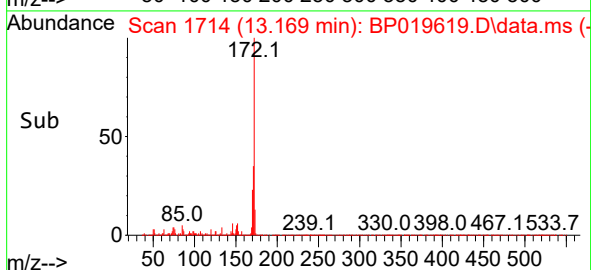
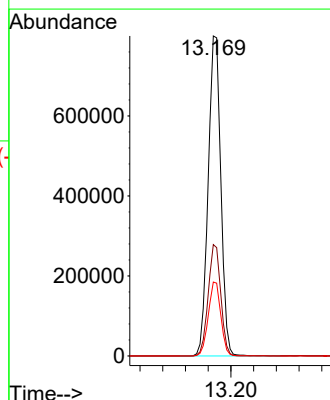
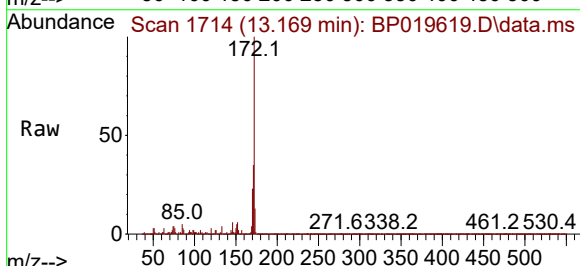
Tgt Ion:172 Resp: 1232696

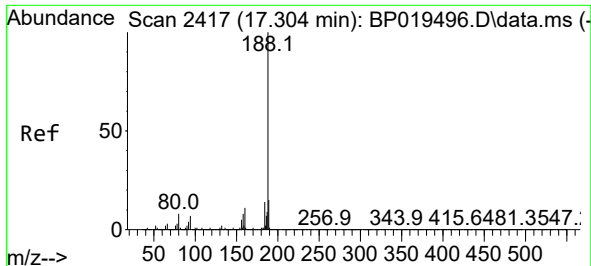
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3

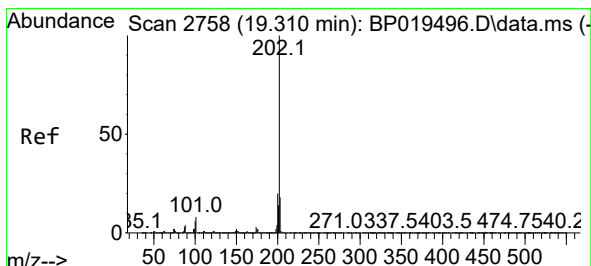
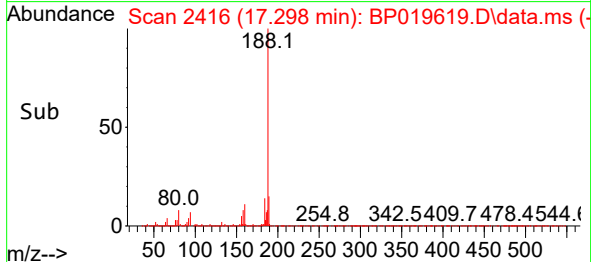
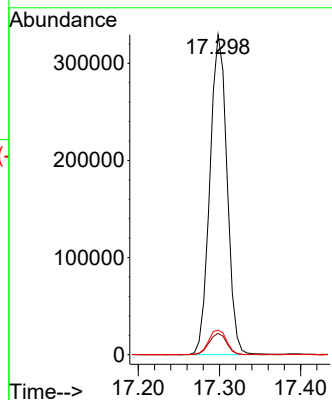
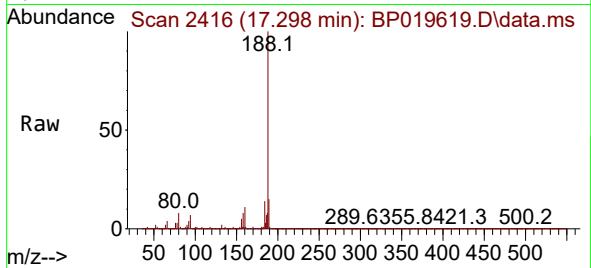




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

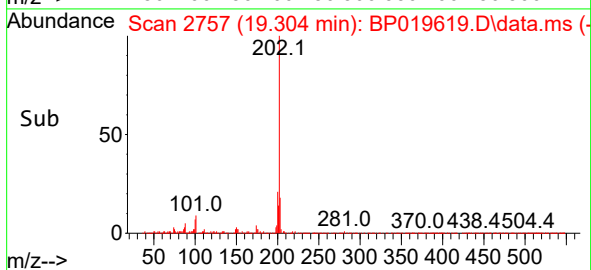
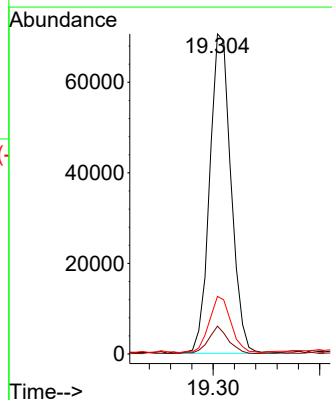
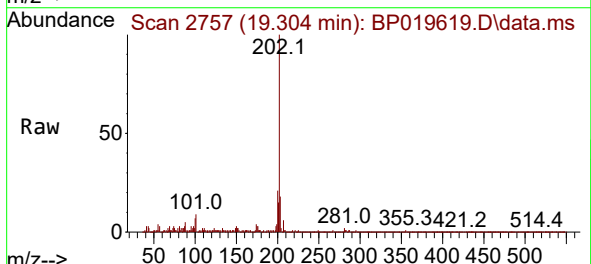
Instrument :
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SP-5

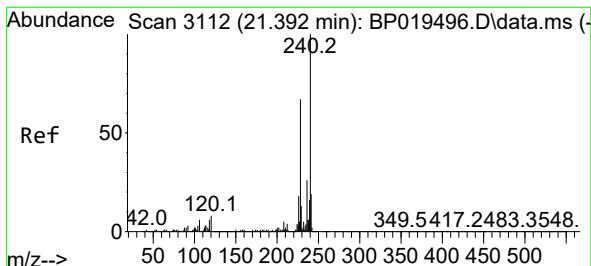
Tgt Ion:188 Resp: 483363
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.7 6.3 9.5



#75
Fluoranthene
Concen: 3.170 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.005 min
Lab File: BP019619.D
Acq: 08 Feb 2024 21:08

Tgt Ion:202 Resp: 98519
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

Instrument :

BNA_P

ClientSampleId :

SP-5

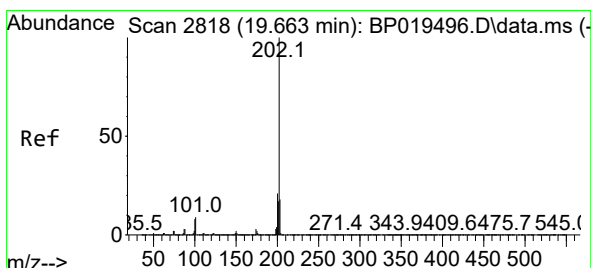
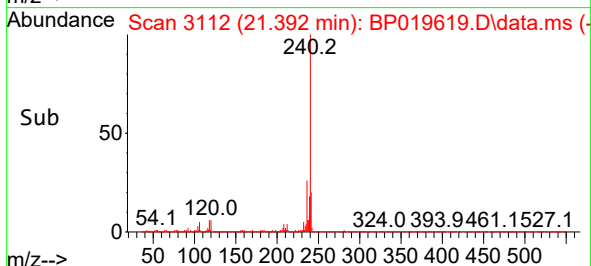
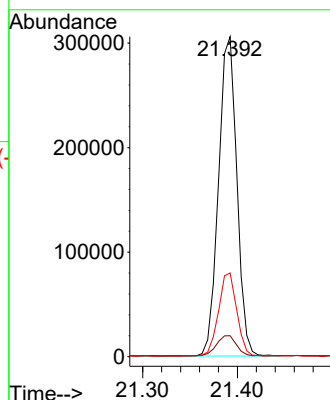
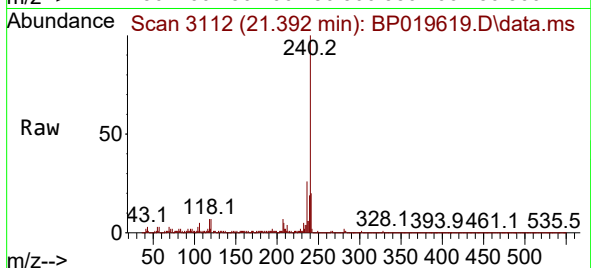
Tgt Ion:240 Resp: 411395

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 26.2 20.7 31.1



#78

Pyrene

Concen: 2.775 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

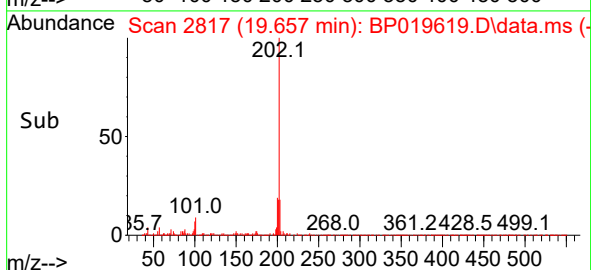
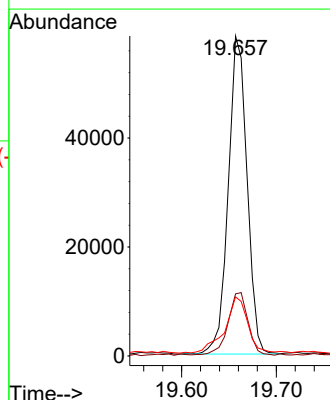
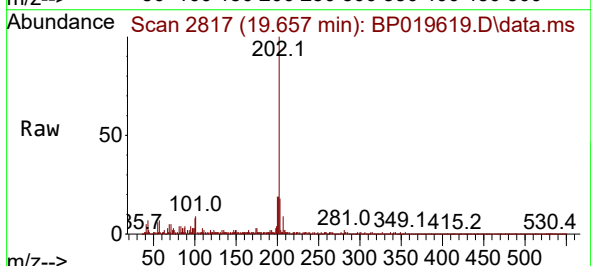
Tgt Ion:202 Resp: 80576

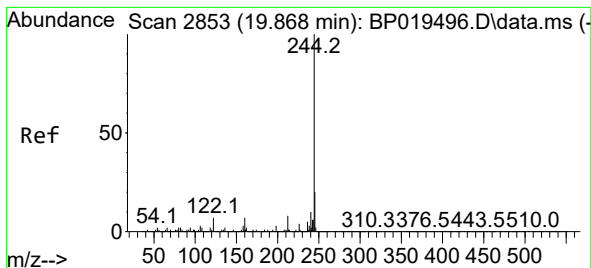
Ion Ratio Lower Upper

202 100

200 19.4 16.9 25.3

203 18.5 14.2 21.2





#79

Terphenyl-d14

Concen: 73.904 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019619.D

Acq: 08 Feb 2024 21:08

Instrument :

BNA_P

ClientSampleId :

SP-5

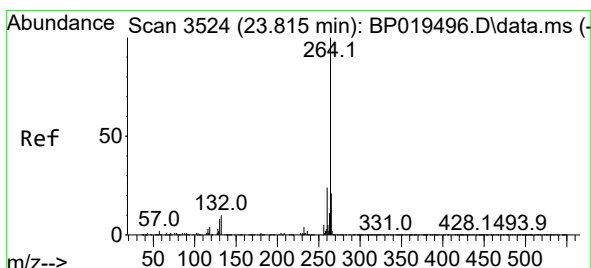
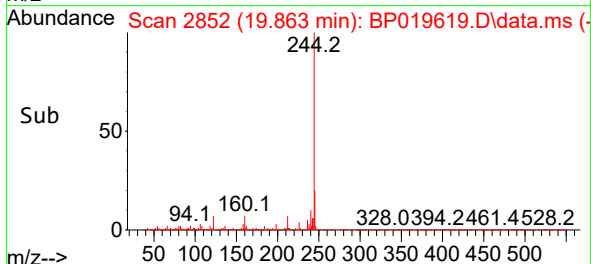
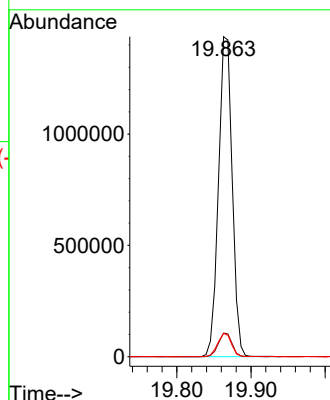
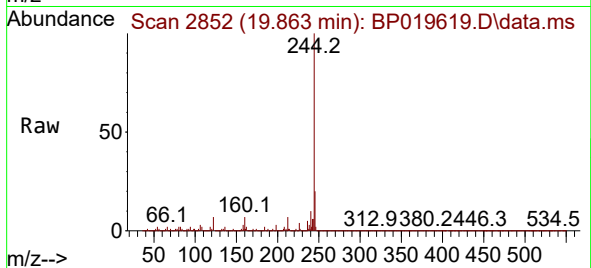
Tgt Ion:244 Resp: 1848765

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.3 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: BP019619.D

Acq: 08 Feb 2024 21:08

Tgt Ion:264 Resp: 478569

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 17.0 25.4

