

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019649.D
 Acq On : 10 Feb 2024 00:40
 Operator : MA/JU
 Sample : P1389-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Feb 10 03:13:42 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)

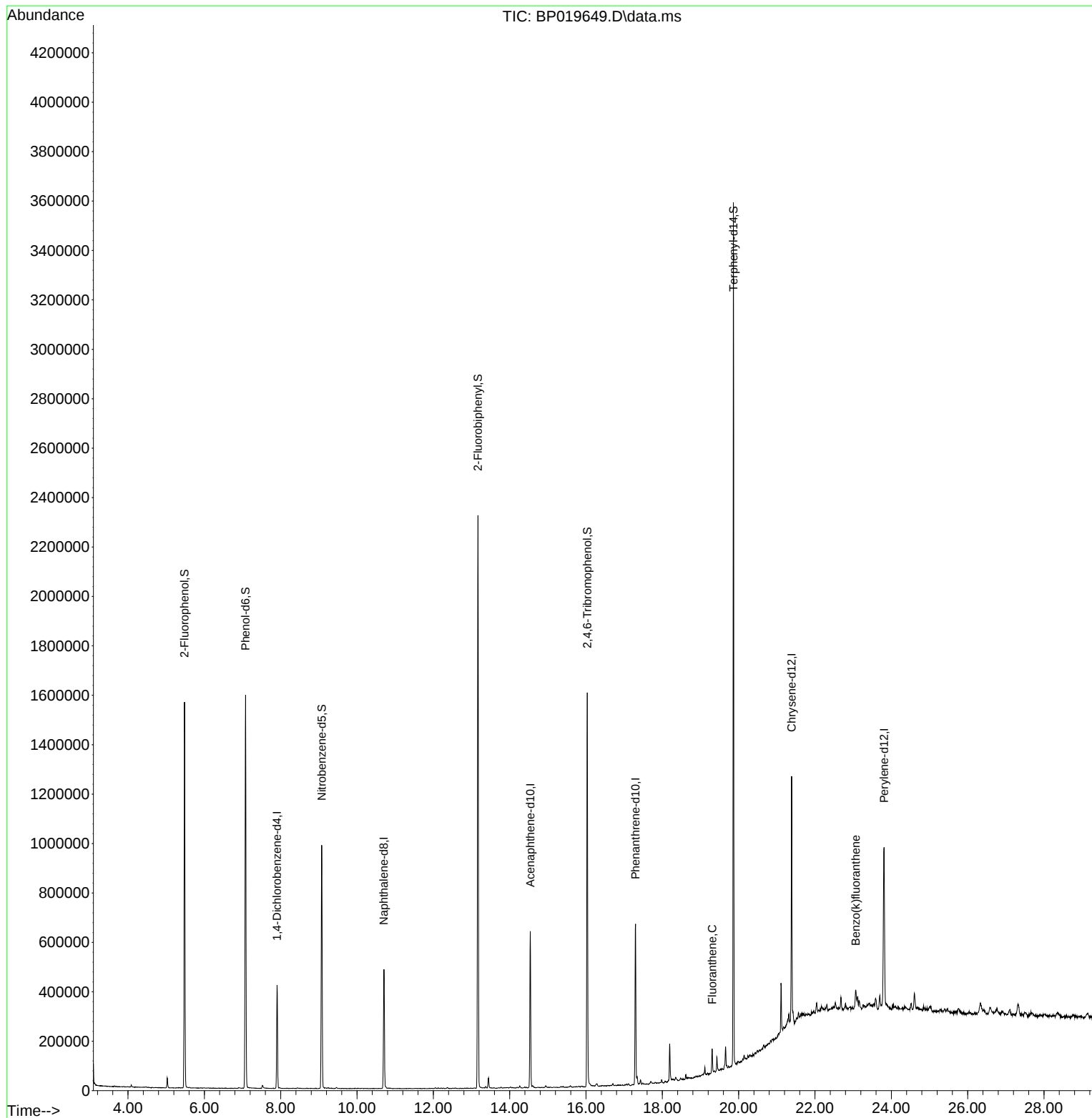
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	110897	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	400551	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	220702	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	420971	20.000	ng	0.00
76) Chrysene-d12	21.386	240	465616	20.000	ng	0.00
86) Perylene-d12	23.809	264	557054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	639320	92.927	ng	0.00
7) Phenol-d6	7.081	99	875266	94.353	ng	0.00
23) Nitrobenzene-d5	9.075	82	600239	64.934	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	330866	102.677	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1230625	68.932	ng	-0.01
79) Terphenyl-d14	19.863	244	1651081	58.316	ng	0.00
Target Compounds						
75) Fluoranthene	19.304	202	57205	2.114	ng	99
89) Benzo(k)fluoranthene	23.068	252	68630	2.046	ng	# 92

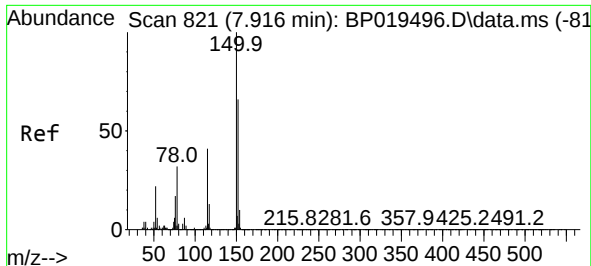
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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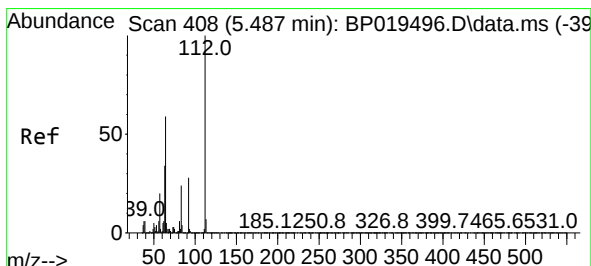
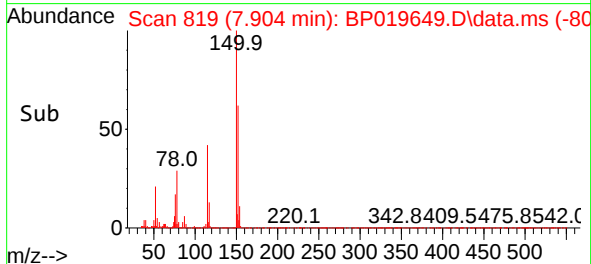
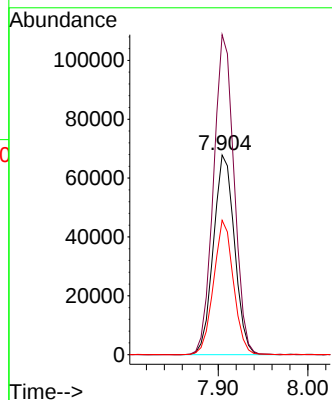
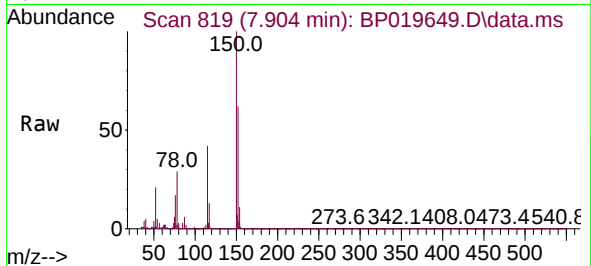




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

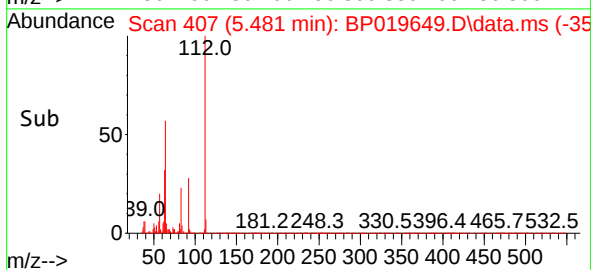
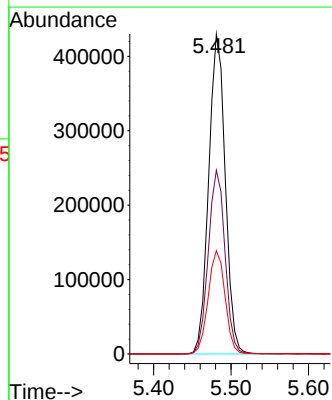
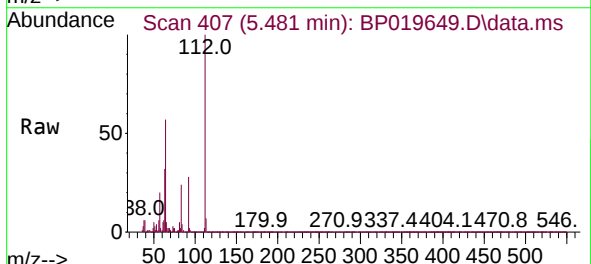
Instrument :
BNA_P
ClientSampleId :
WC-1

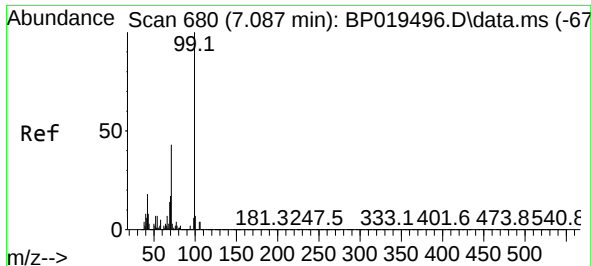
Tgt Ion:152 Resp: 110897
Ion Ratio Lower Upper
152 100
150 160.2 121.8 182.8
115 67.3 49.9 74.9



#5
2-Fluorophenol
Concen: 92.927 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

Tgt Ion:112 Resp: 639320
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 32.2 27.0 40.6

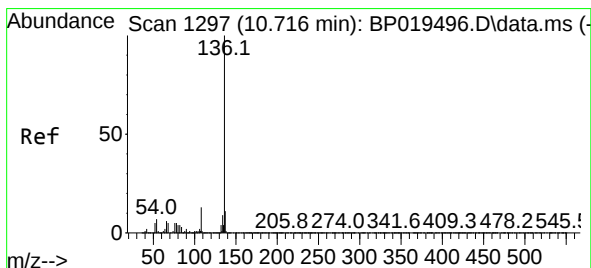
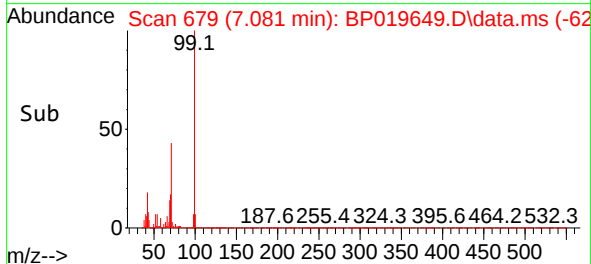
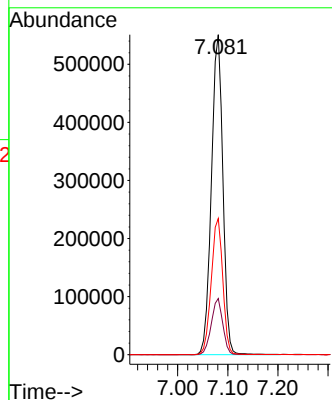
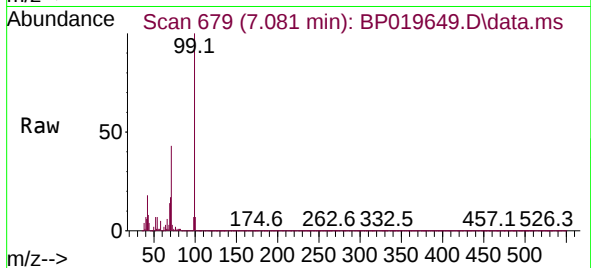




#7
Phenol-d6
Concen: 94.353 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

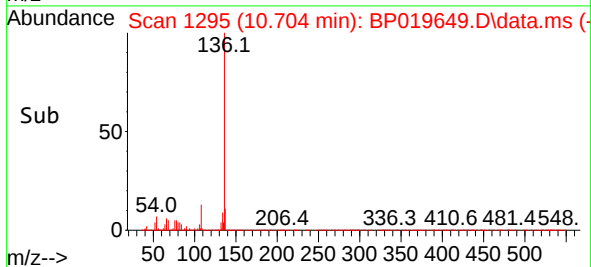
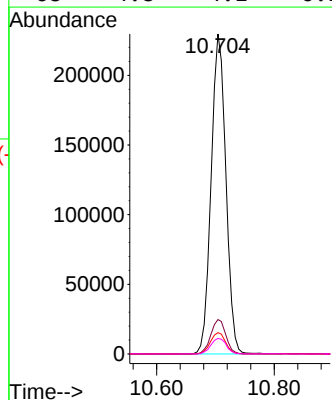
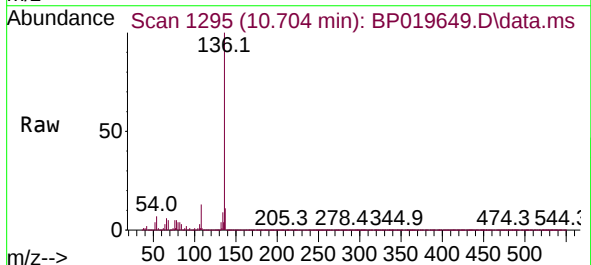
Instrument :
BNA_P
ClientSampleId :
WC-1

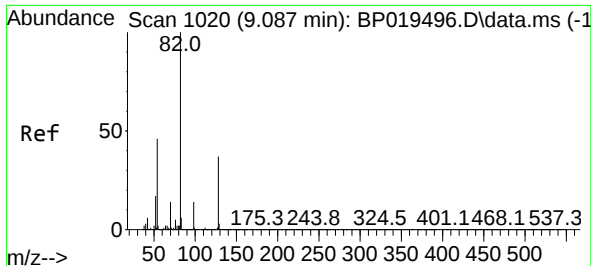
Tgt Ion: 99 Resp: 875266
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

Tgt Ion: 136 Resp: 400551
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.3 7.9
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.934 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

Instrument :

BNA_P

ClientSampleId :

WC-1

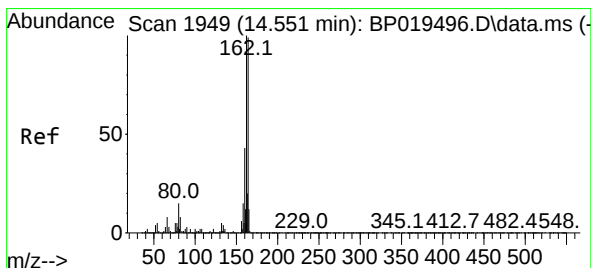
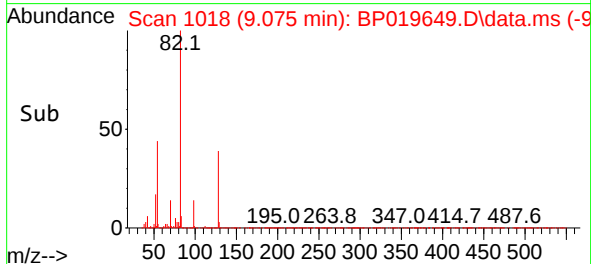
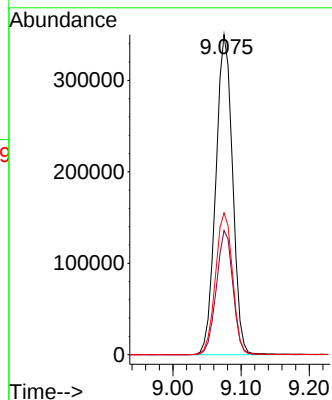
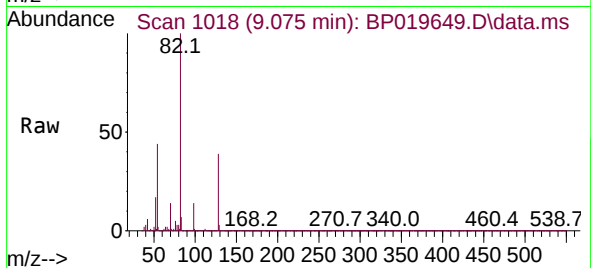
Tgt Ion: 82 Resp: 600239

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

54 44.3 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: BP019649.D

Acq: 10 Feb 2024 00:40

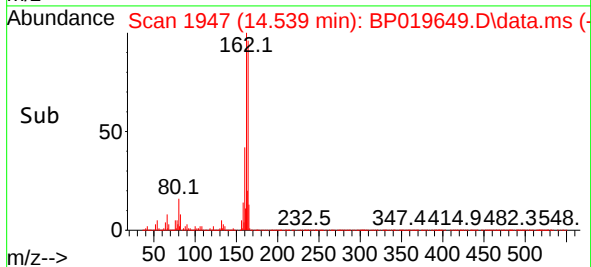
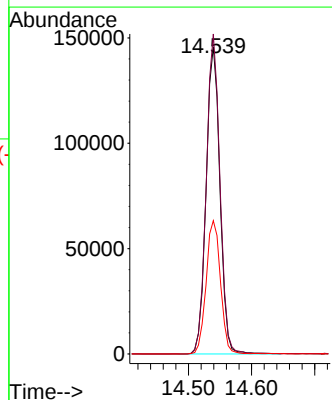
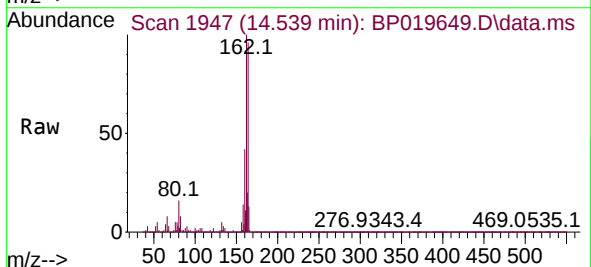
Tgt Ion: 164 Resp: 220702

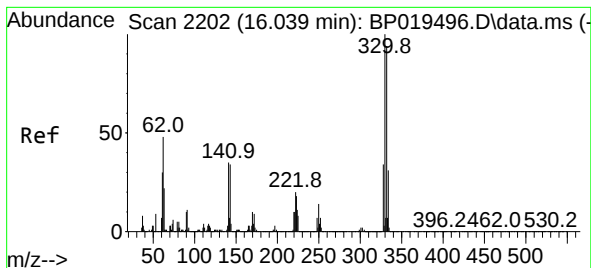
Ion Ratio Lower Upper

164 100

162 104.2 81.2 121.8

160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 102.677 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

Instrument :

BNA_P

ClientSampleId :

WC-1

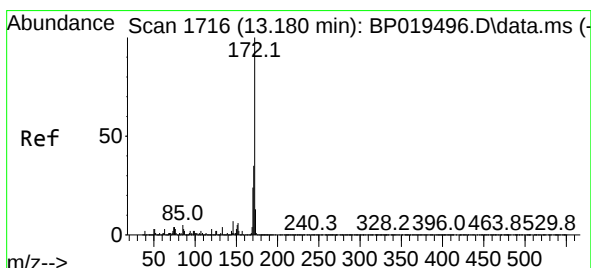
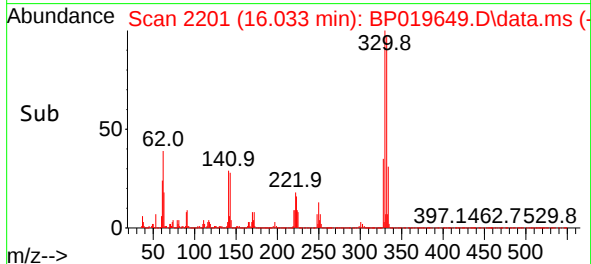
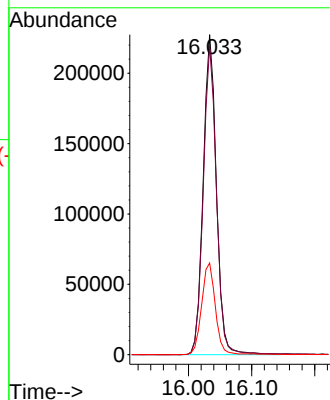
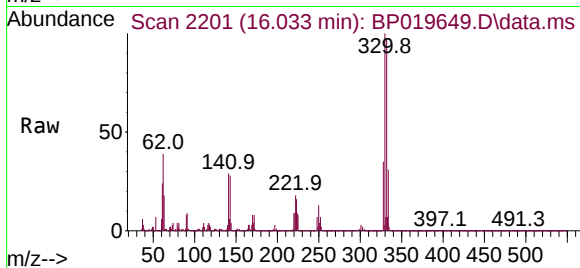
Tgt Ion:330 Resp: 330866

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 29.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 68.932 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

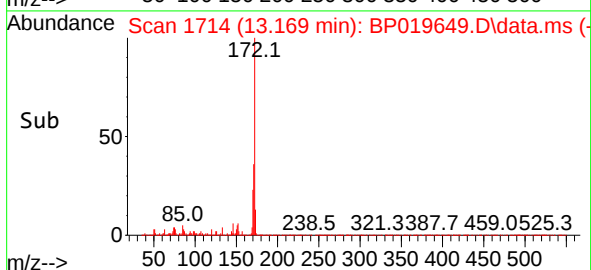
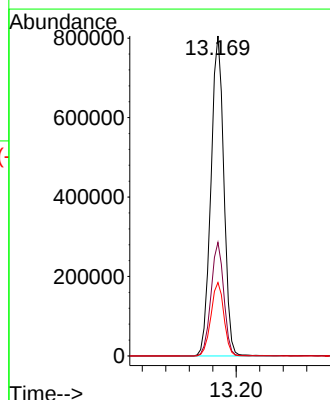
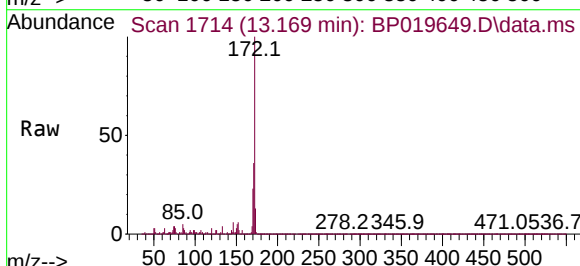
Tgt Ion:172 Resp: 1230625

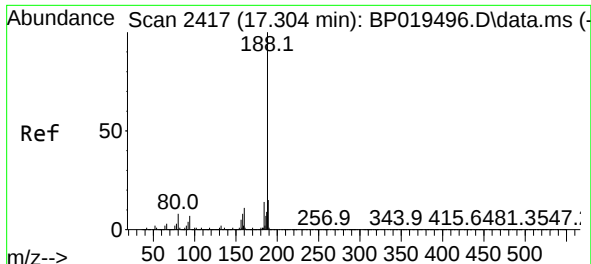
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.0 18.9 28.3

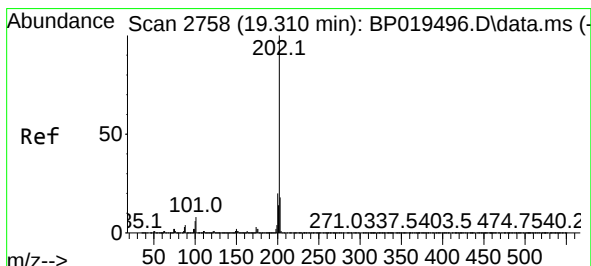
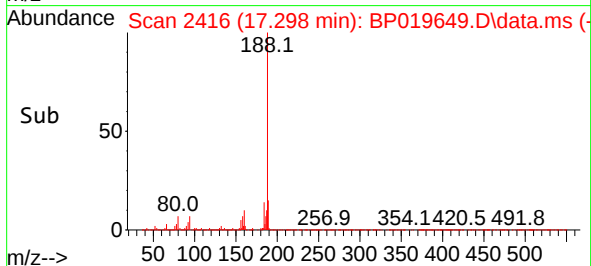
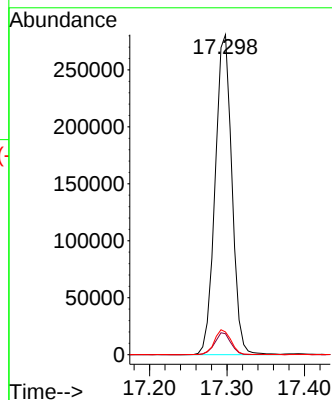
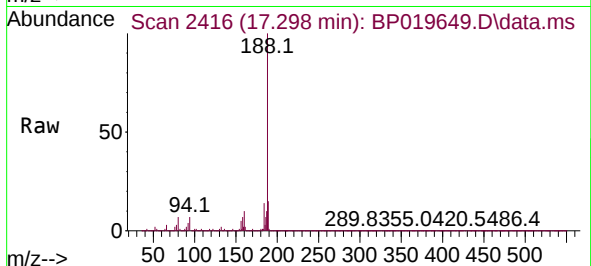




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

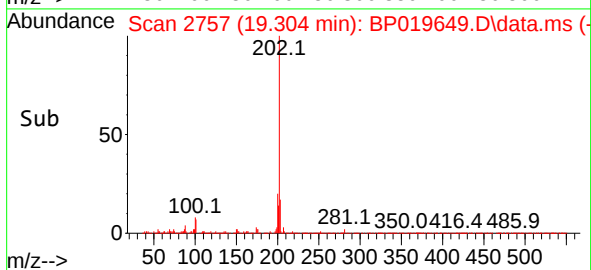
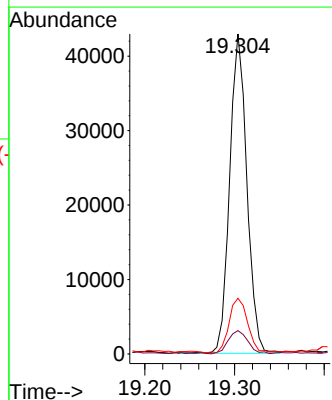
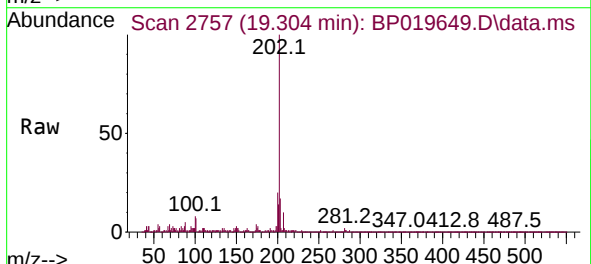
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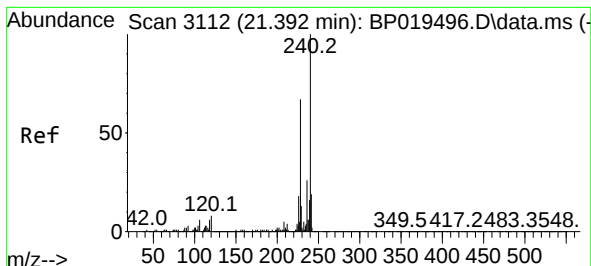
Tgt Ion:188 Resp: 420971
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.1 6.3 9.5



#75
Fluoranthene
Concen: 2.114 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP019649.D
Acq: 10 Feb 2024 00:40

Tgt Ion:202 Resp: 57205
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.7
203 17.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

Instrument :

BNA_P

ClientSampleId :

WC-1

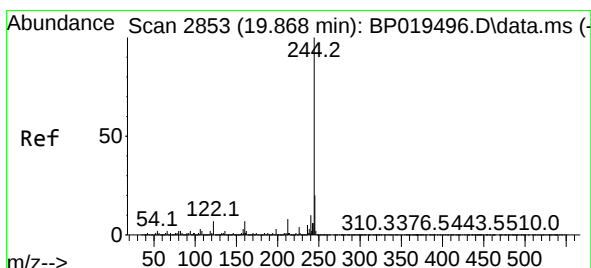
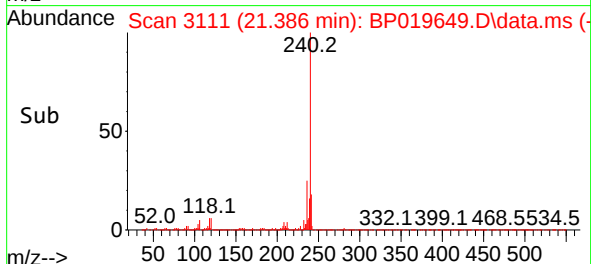
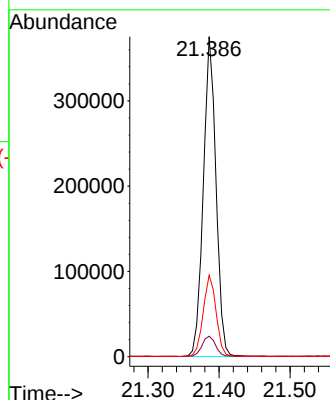
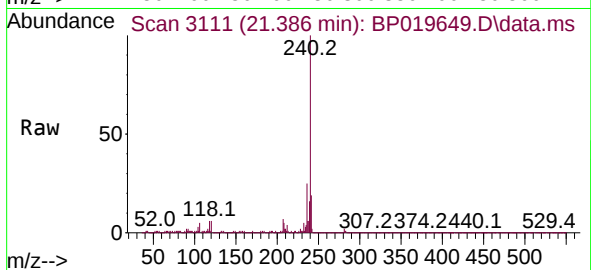
Tgt Ion:240 Resp: 465616

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 58.316 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

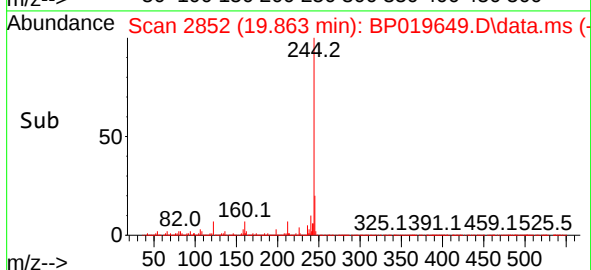
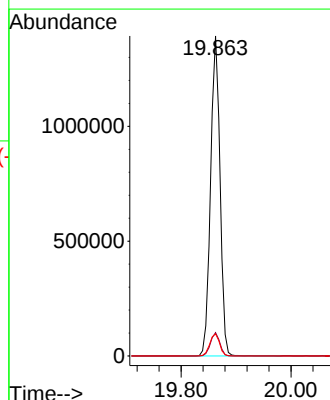
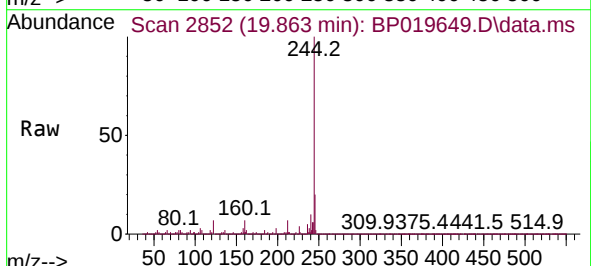
Tgt Ion:244 Resp: 1651081

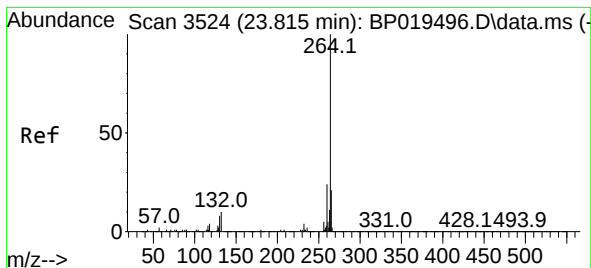
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.9 5.9 8.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

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ClientSampleId :

WC-1

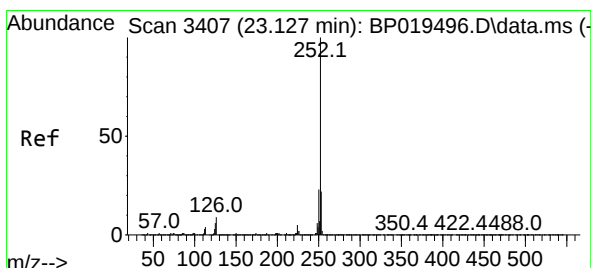
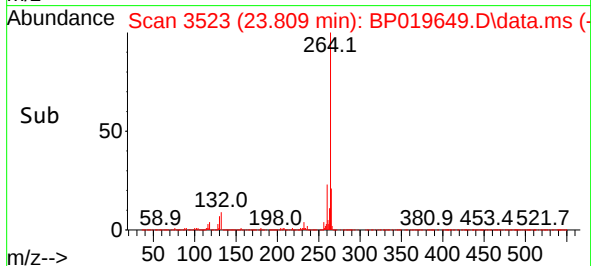
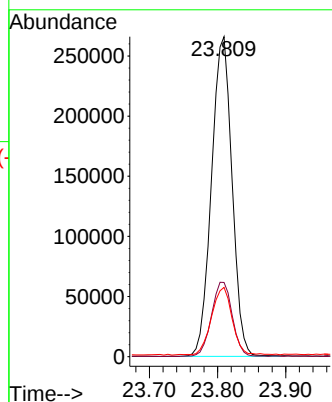
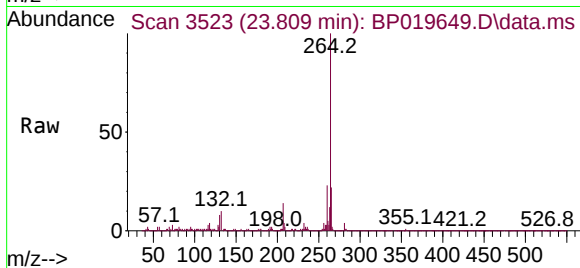
Tgt Ion:264 Resp: 557054

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.7 17.0 25.4



#89

Benzo(k)fluoranthene

Concen: 2.046 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.059 min

Lab File: BP019649.D

Acq: 10 Feb 2024 00:40

Tgt Ion:252 Resp: 68630

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

125 11.1 5.0 7.6#

