

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019768.D
 Acq On : 19 Feb 2024 18:02
 Operator : MA/JU
 Sample : P1505-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1S

Quant Time: Feb 19 23:36:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

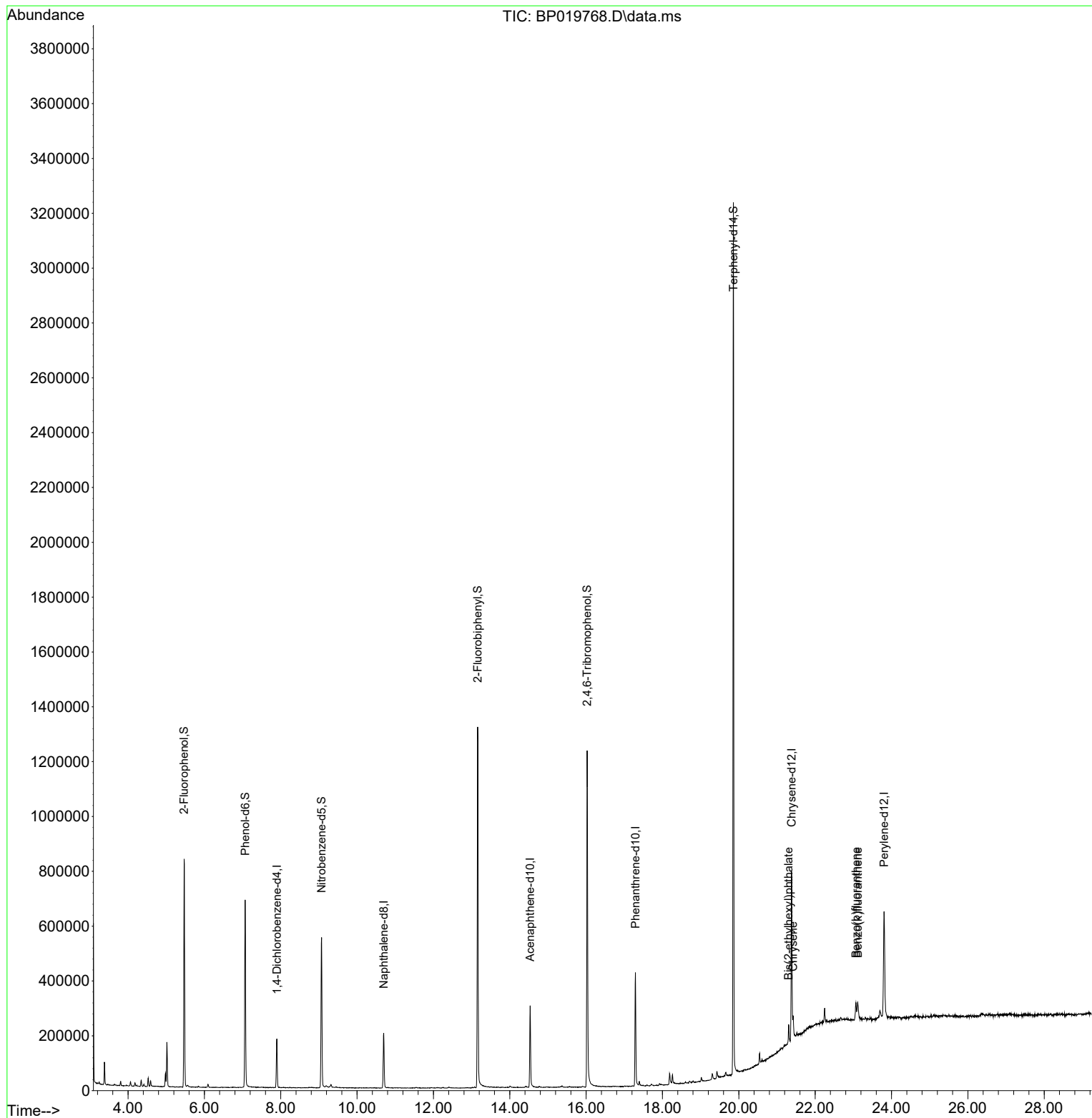
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	47588	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	167547	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	108381	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	274481	20.000	ng	0.00
76) Chrysene-d12	21.380	240	332580	20.000	ng	-0.01
86) Perylene-d12	23.804	264	382285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	345050	116.877	ng	0.00
7) Phenol-d6	7.069	99	385321	96.797	ng	0.00
23) Nitrobenzene-d5	9.069	82	336127	86.930	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	286019	180.746	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	740068	84.415	ng	0.00
79) Terphenyl-d14	19.857	244	1702700	84.195	ng	0.00
Target Compounds						
83) Chrysene	21.422	228	50829	2.287	ng	Qvalue 96
84) Bis(2-ethylhexyl)phtha...	21.304	149	28467	2.133	ng	# 98
88) Benzo(b)fluoranthene	23.069	252	56603	2.349	ng	95
89) Benzo(k)fluoranthene	23.116	252	72820m	3.164	ng	

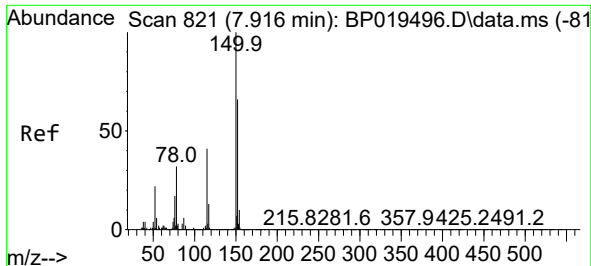
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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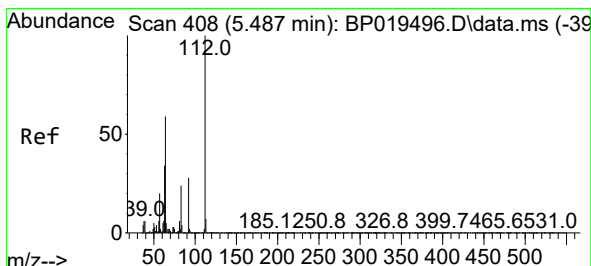
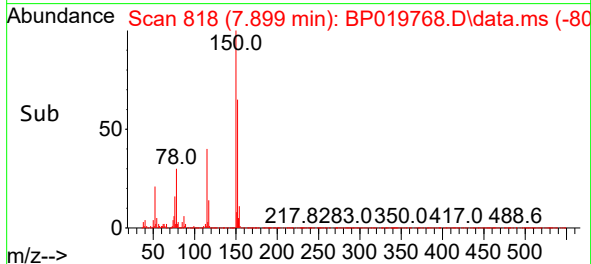
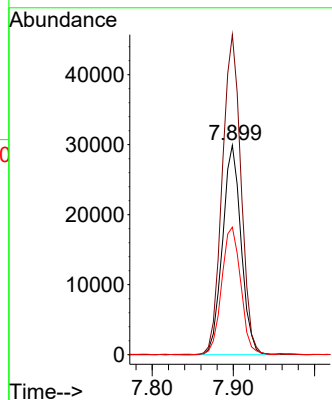
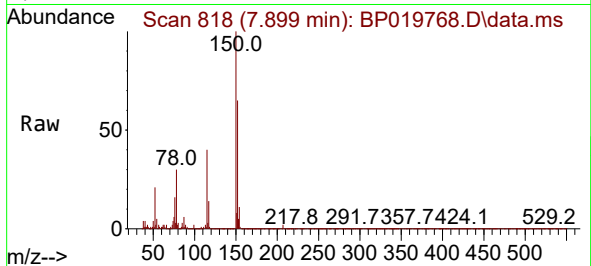




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

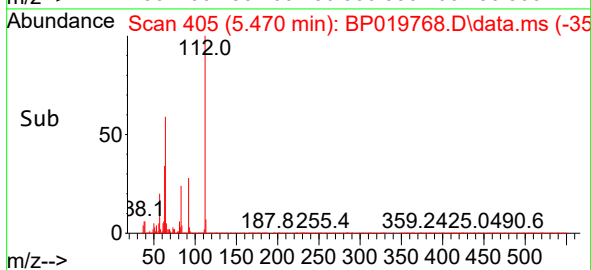
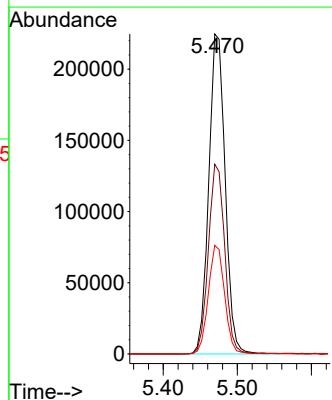
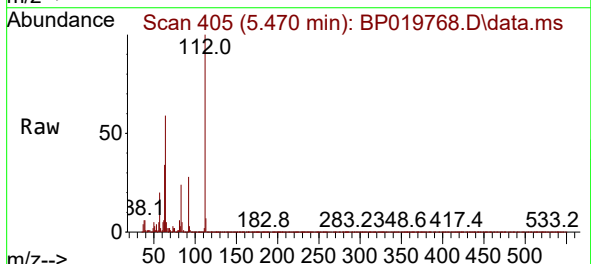
Instrument :
BNA_P
ClientSampleId :
WC-1S

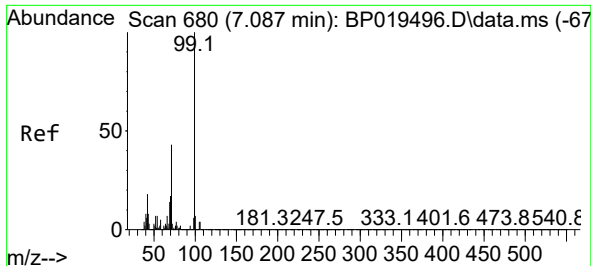
Tgt Ion:152 Resp: 47588
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 116.877 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

Tgt Ion:112 Resp: 345050
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 33.9 27.0 40.6

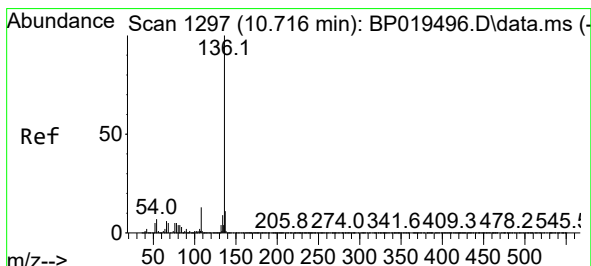
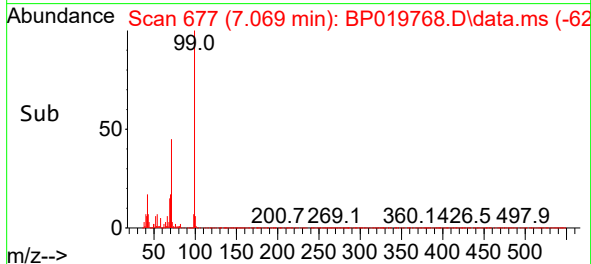
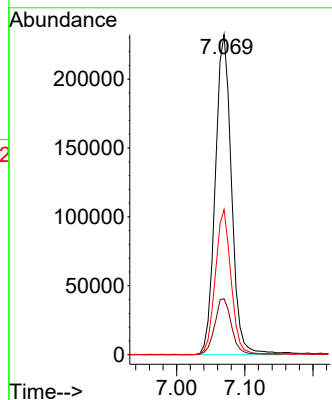
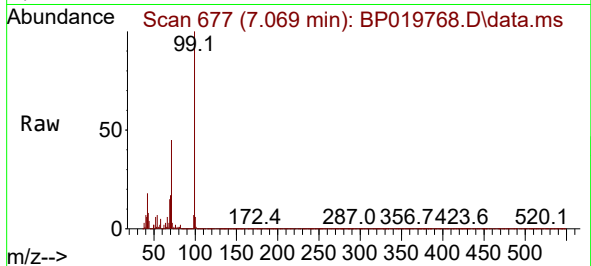




#7
Phenol-d6
Concen: 96.797 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

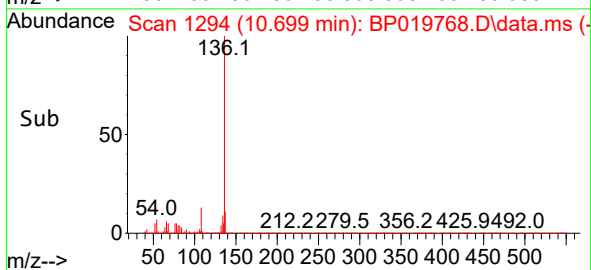
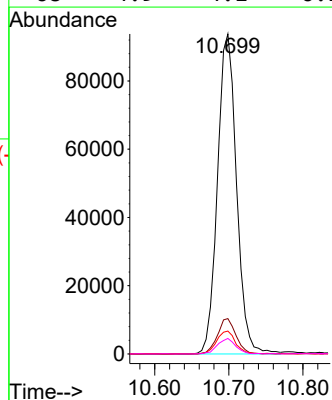
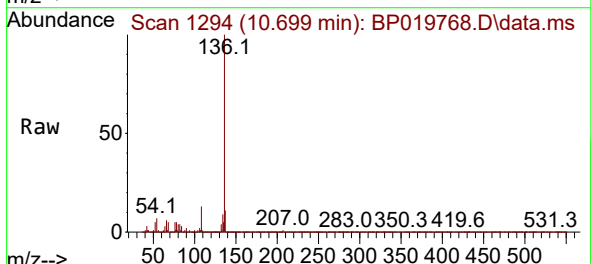
Instrument :
BNA_P
ClientSampleId :
WC-1S

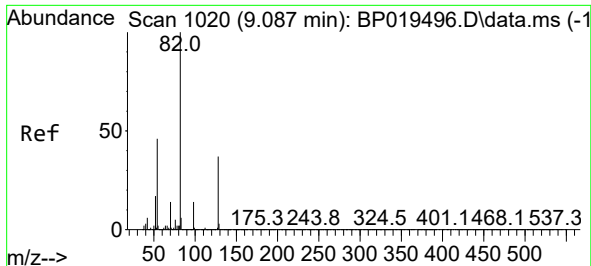
Tgt Ion: 99 Resp: 385321
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 45.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

Tgt Ion: 136 Resp: 167547
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.3 7.9
68 4.9 4.1 6.1

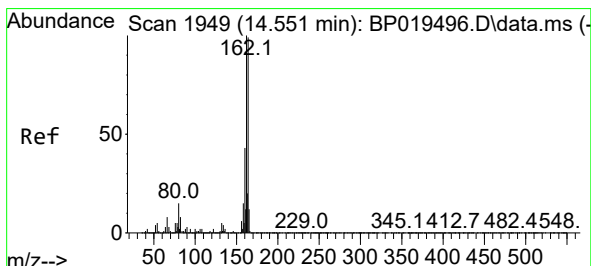
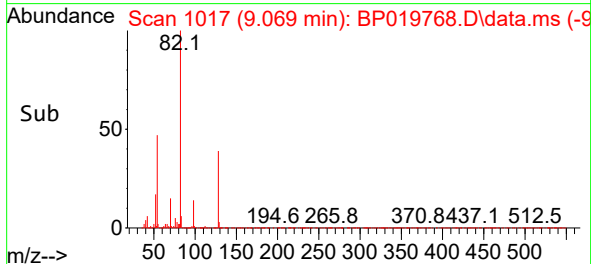
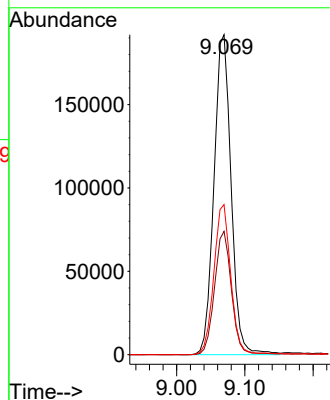
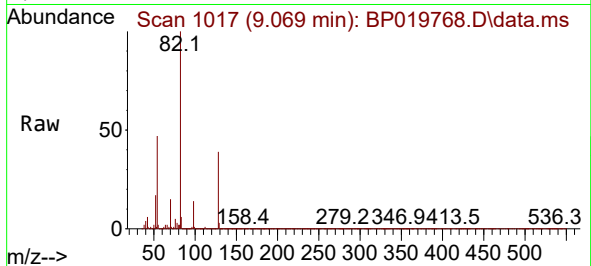




#23
Nitrobenzene-d5
Concen: 86.930 ng
RT: 9.069 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

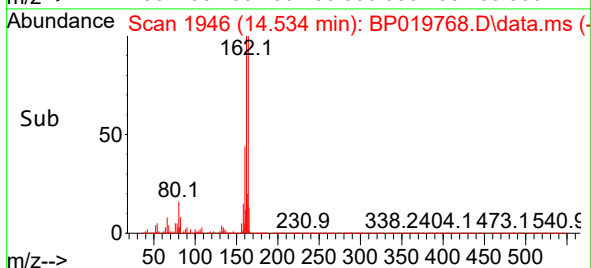
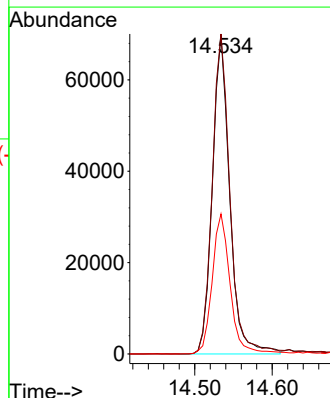
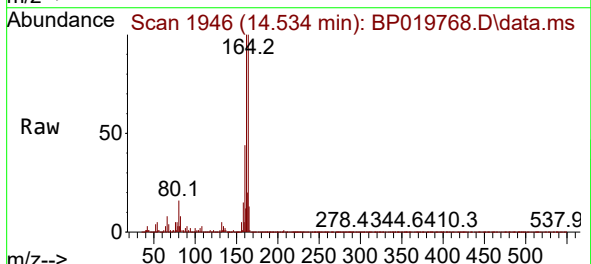
Instrument :
BNA_P
ClientSampleId :
WC-1S

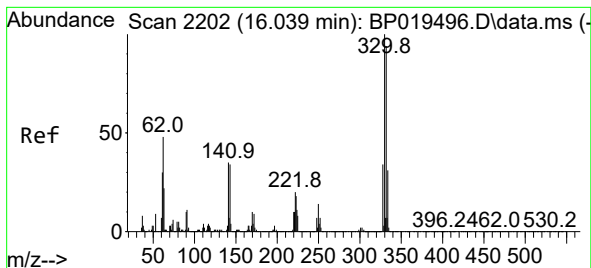
Tgt Ion: 82 Resp: 336127
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 46.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019768.D
Acq: 19 Feb 2024 18:02

Tgt Ion: 164 Resp: 108381
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 180.746 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

WC-1S

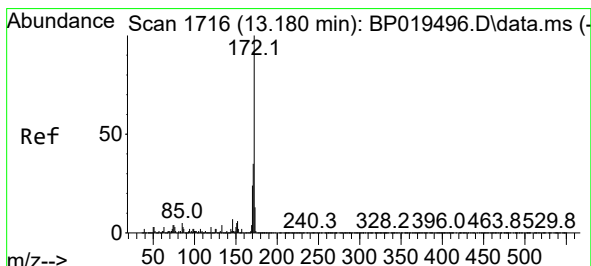
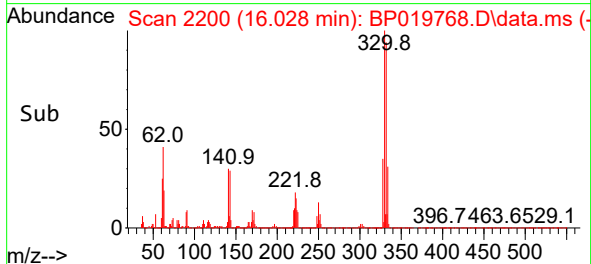
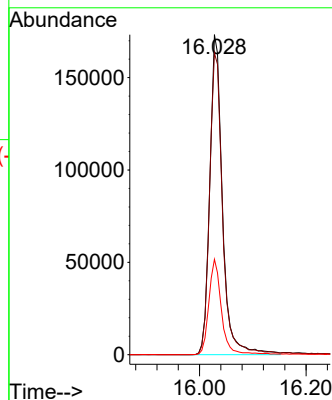
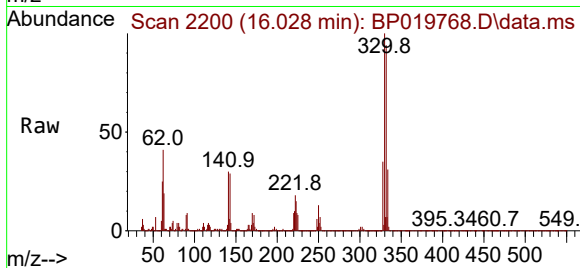
Tgt Ion:330 Resp: 286019

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.415 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

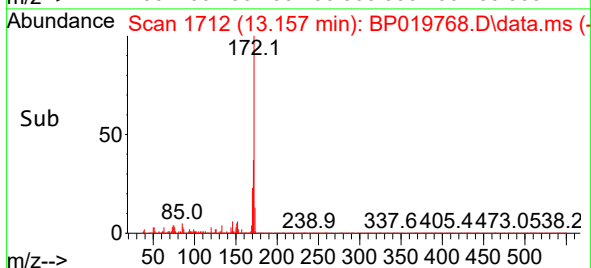
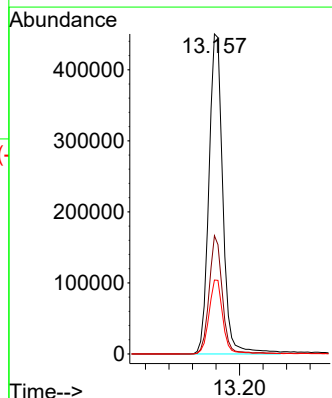
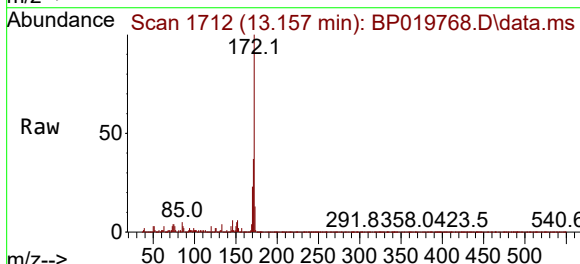
Tgt Ion:172 Resp: 740068

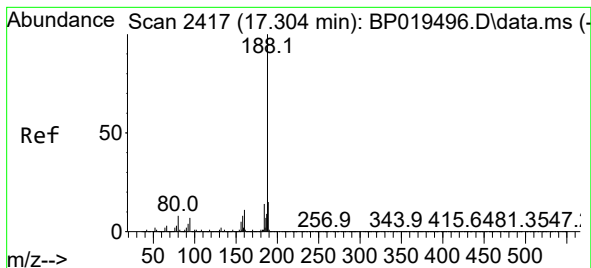
Ion Ratio Lower Upper

172 100

171 36.9 28.2 42.4

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

WC-1S

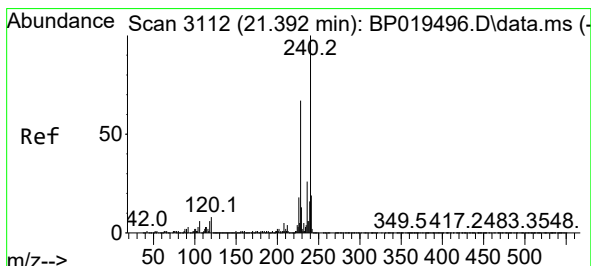
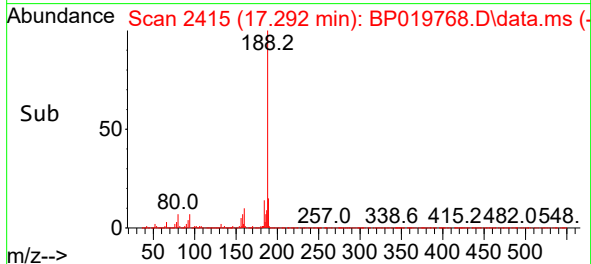
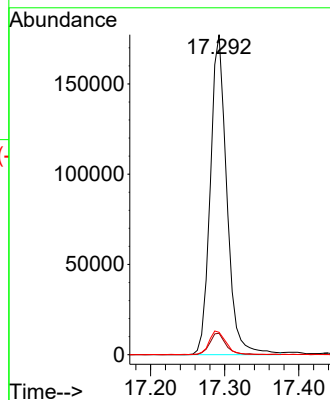
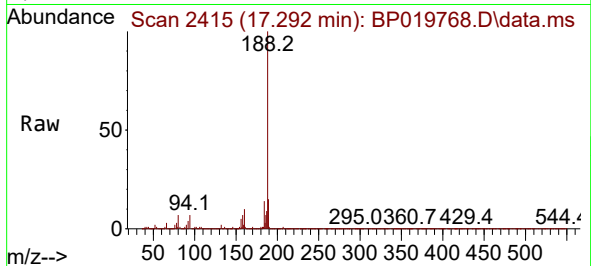
Tgt Ion:188 Resp: 274481

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

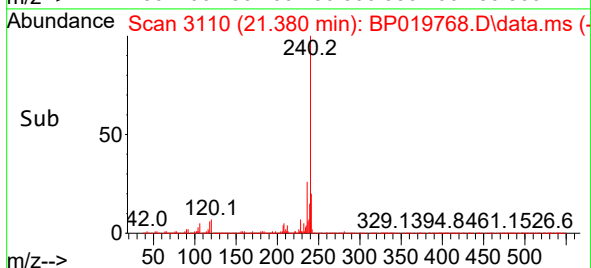
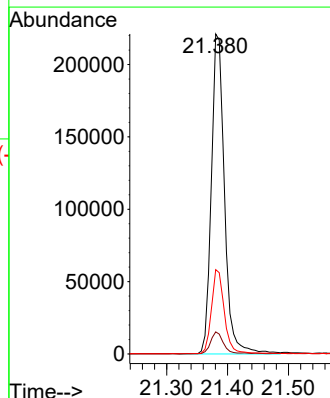
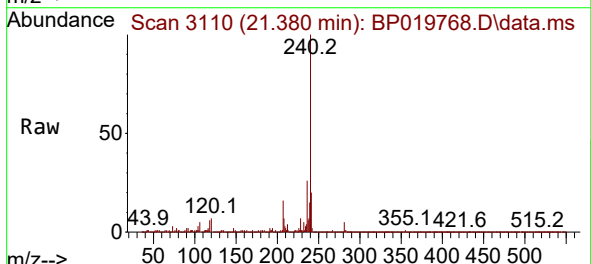
Tgt Ion:240 Resp: 332580

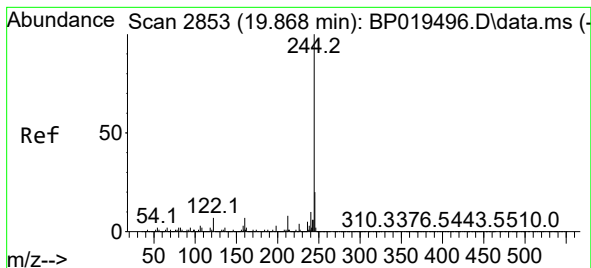
Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 84.195 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

WC-1S

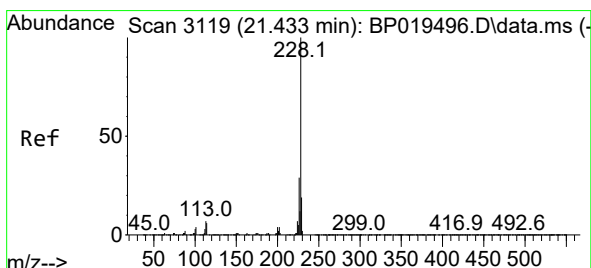
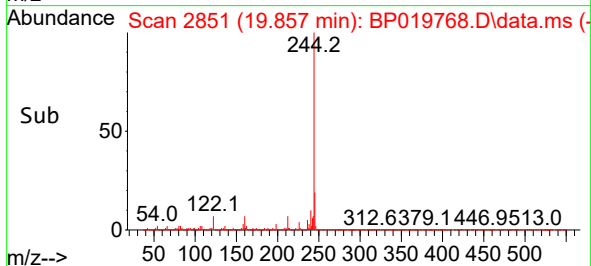
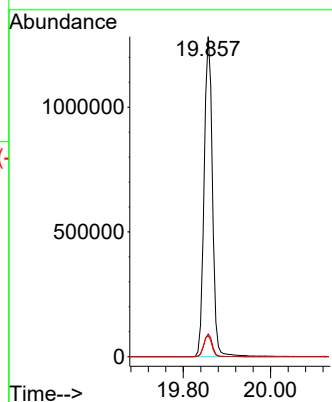
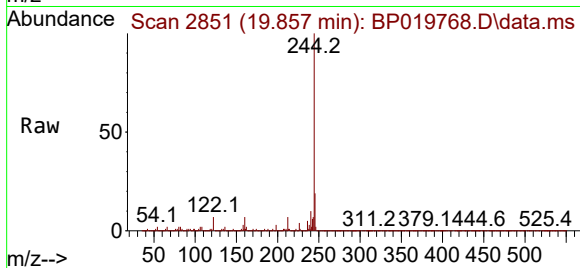
Tgt Ion:244 Resp: 1702700

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.5 5.9 8.9



#83

Chrysene

Concen: 2.287 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

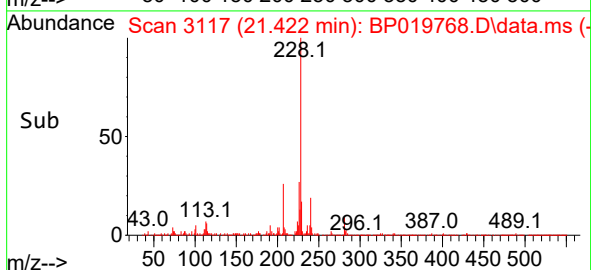
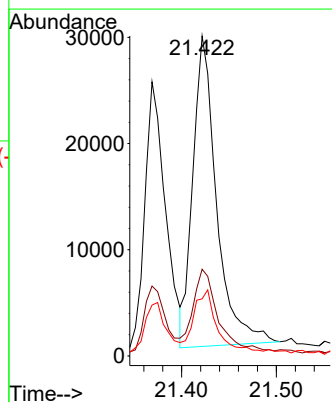
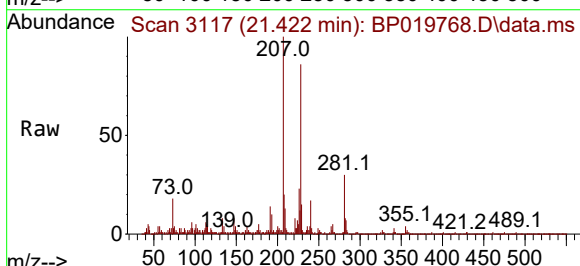
Tgt Ion:228 Resp: 50829

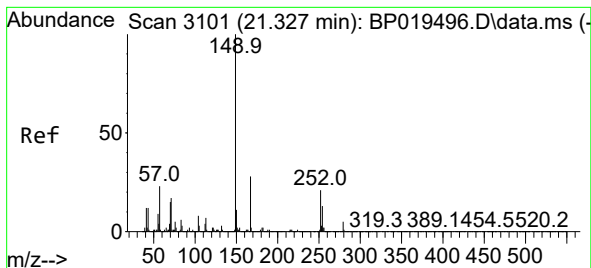
Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.2

229 17.9 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.133 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Instrument :

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ClientSampleId :

WC-1S

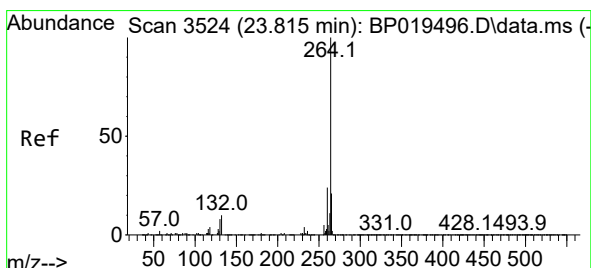
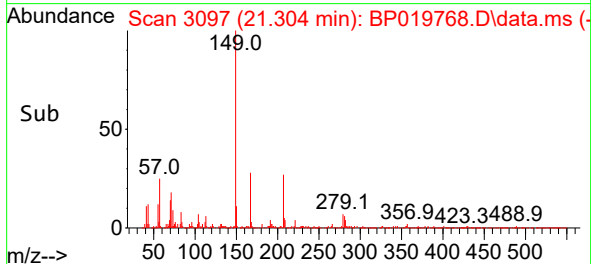
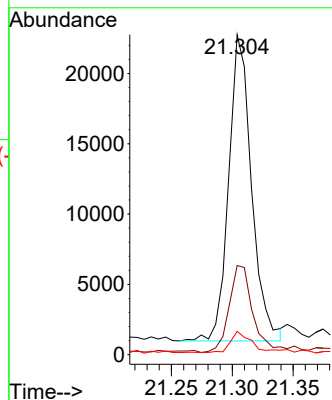
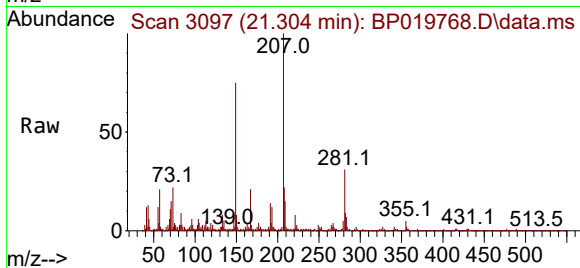
Tgt Ion:149 Resp: 28467

Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

279 7.3 4.2 6.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

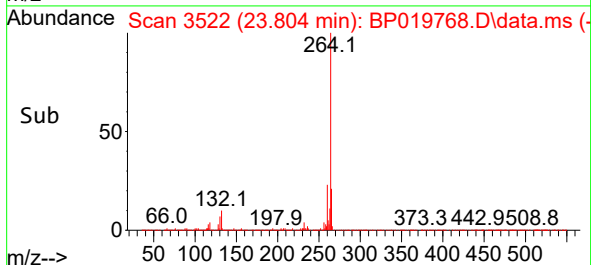
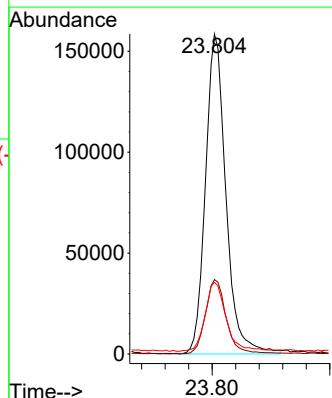
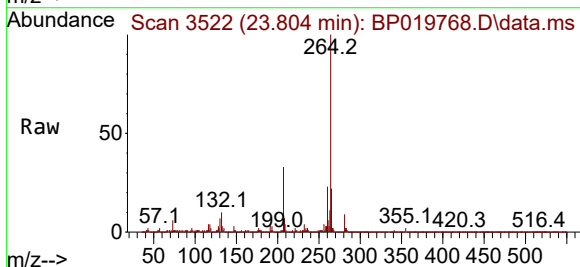
Tgt Ion:264 Resp: 382285

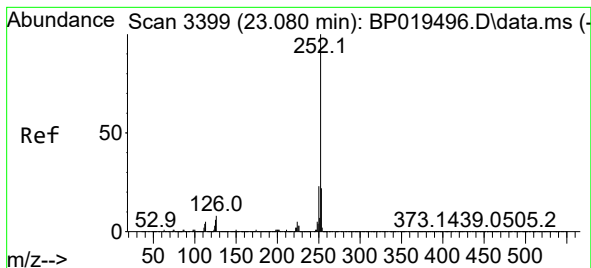
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.4 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.349 ng

RT: 23.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

WC-1S

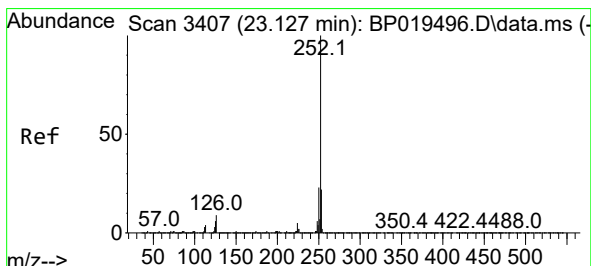
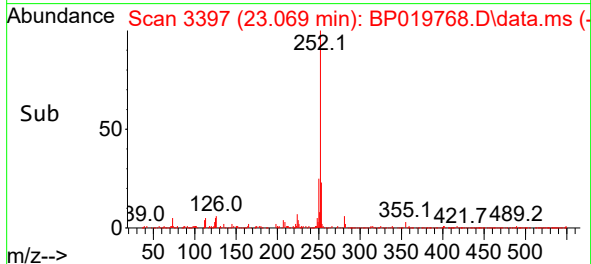
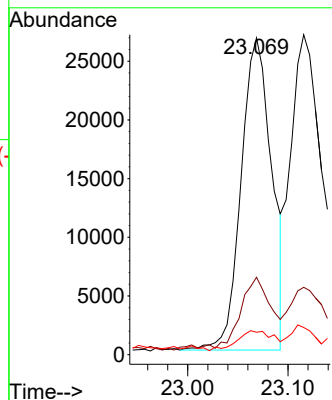
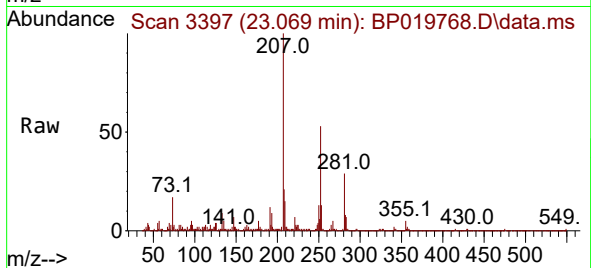
Tgt Ion:252 Resp: 56603

Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 7.1 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 3.164 ng m

RT: 23.116 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BP019768.D

Acq: 19 Feb 2024 18:02

Tgt Ion:252 Resp: 72820

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 8.5 5.0 7.6#

