

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019763.D
 Acq On : 19 Feb 2024 15:13
 Operator : MA/JU
 Sample : P1458-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A1163

Quant Time: Feb 19 15:40:06 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)

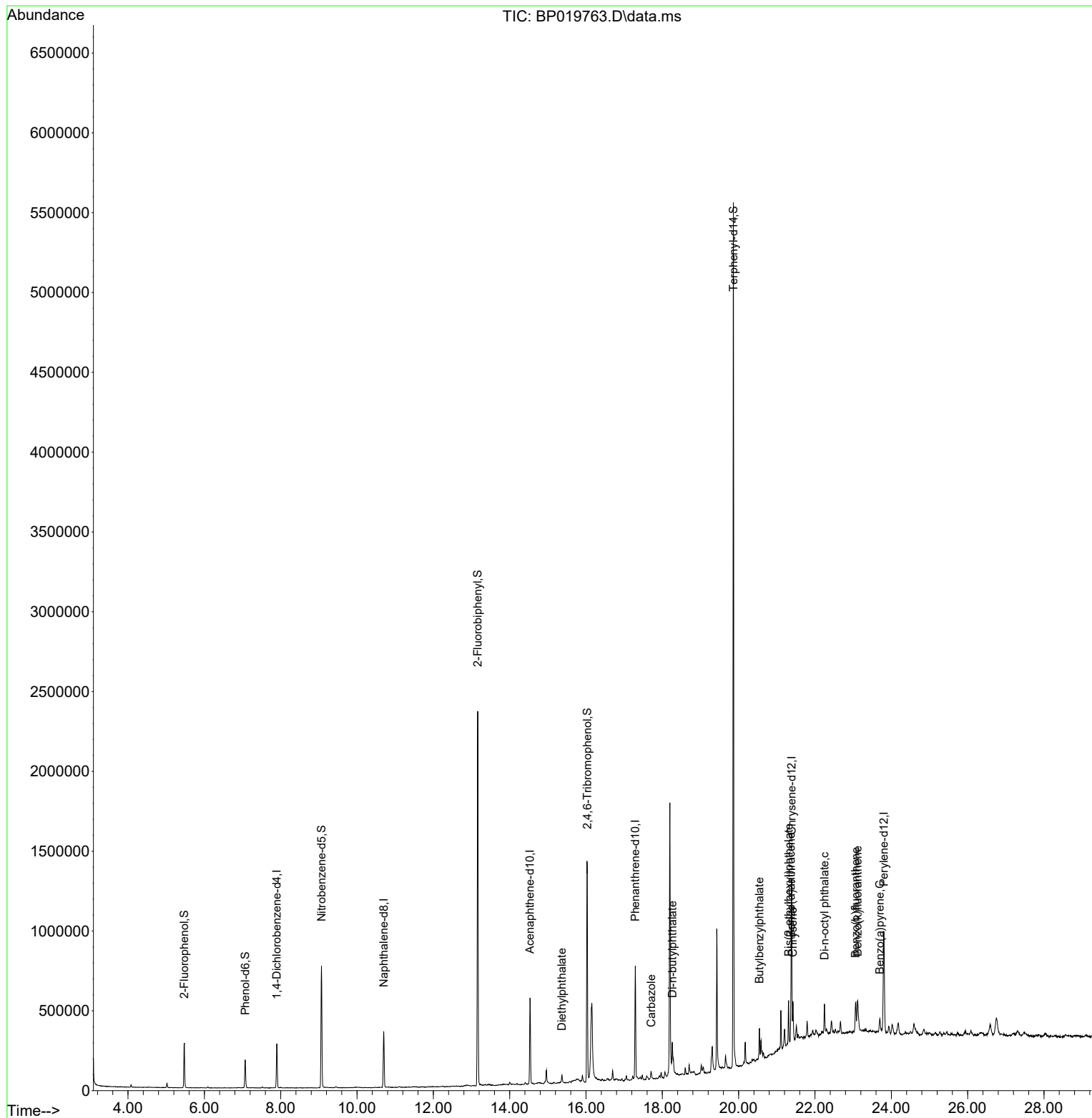
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	75024	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	280151	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	189228	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	449138	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	496298	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	571474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	118434	25.446	ng	-0.01
7) Phenol-d6	7.069	99	101343	16.148	ng	-0.02
23) Nitrobenzene-d5	9.069	82	460853	71.281	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	299569	108.427	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1193380	77.964	ng	-0.02
79) Terphenyl-d14	19.863	244	2746487	91.008	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.369	149	37017	2.569	ng	98
73) Carbazole	17.710	167	46043	2.150	ng	98
74) Di-n-butylphthalate	18.263	149	143866	5.555	ng	99
80) Butylbenzylphthalate	20.545	149	66026	5.048	ng	97
81) Benzo(a)anthracene	21.369	228	141975	4.064	ng	98
83) Chrysene	21.422	228	162621	4.903	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	113633	5.705	ng	# 99
85) Di-n-octyl phthalate	22.251	149	142749	4.073	ng	# 95
88) Benzo(b)fluoranthene	23.063	252	177332	4.924	ng	99
89) Benzo(k)fluoranthene	23.116	252	160265	4.658	ng	97
90) Benzo(a)pyrene	23.698	252	92595	2.889	ng	# 97

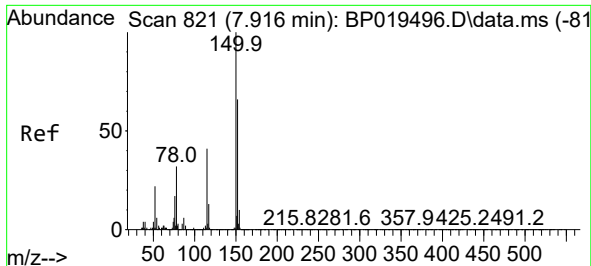
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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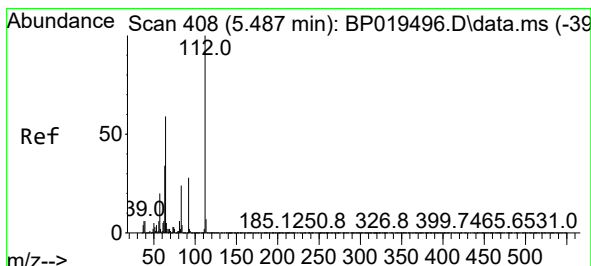
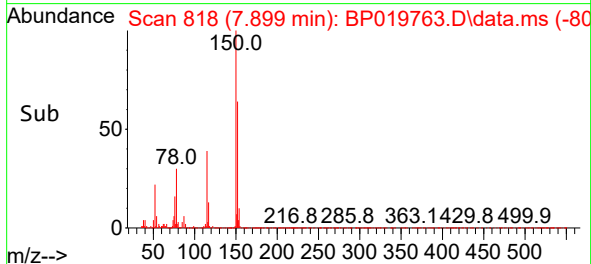
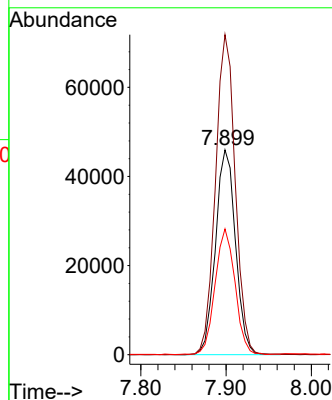
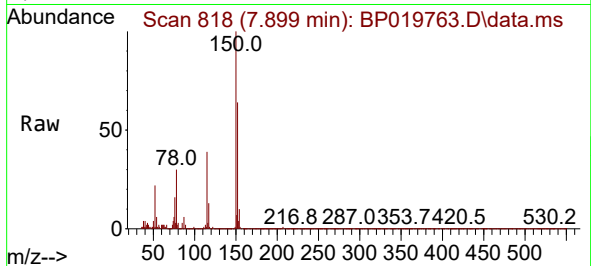




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

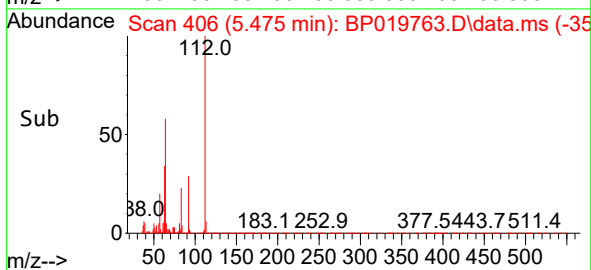
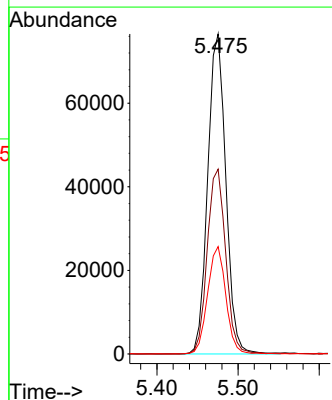
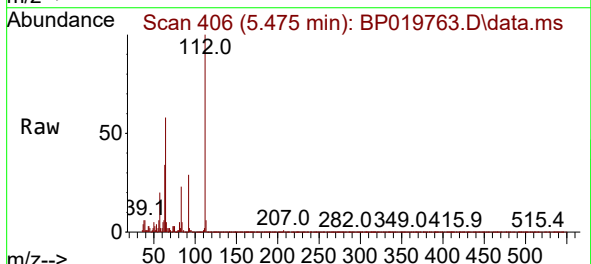
Instrument :
BNA_P
ClientSampleId :
A1163

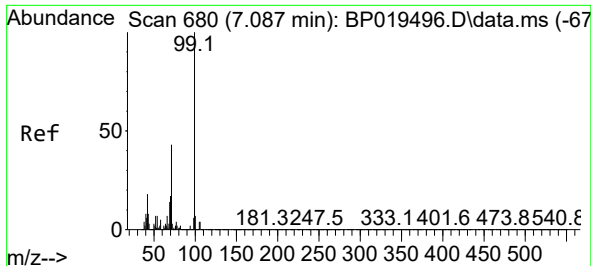
Tgt Ion:152 Resp: 75024
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 25.446 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

Tgt Ion:112 Resp: 118434
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.0
63 33.6 27.0 40.6

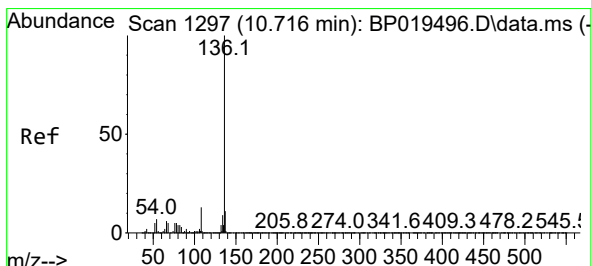
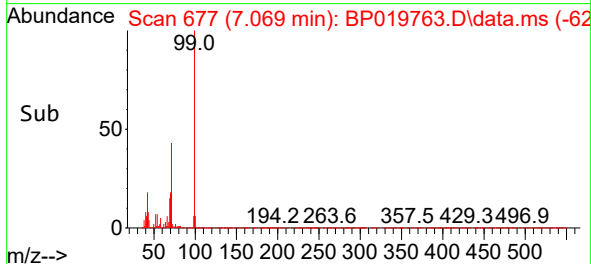
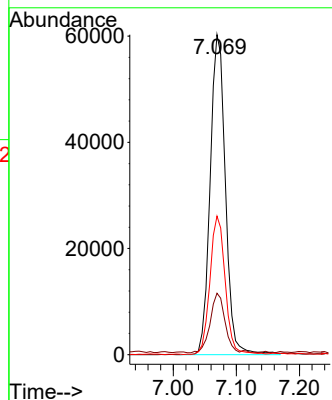
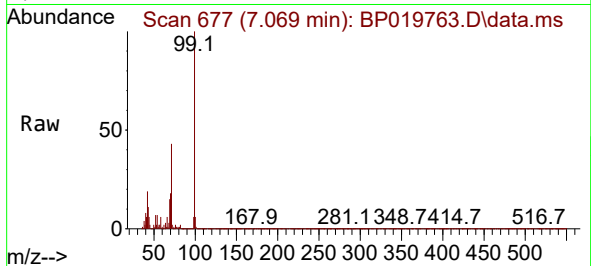




#7
Phenol-d6
Concen: 16.148 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

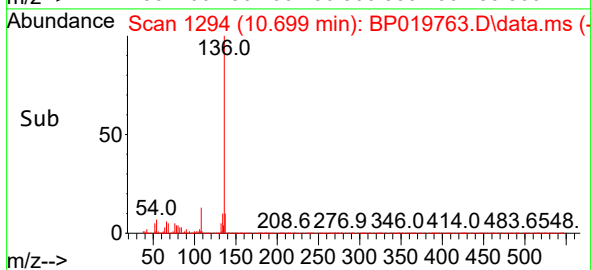
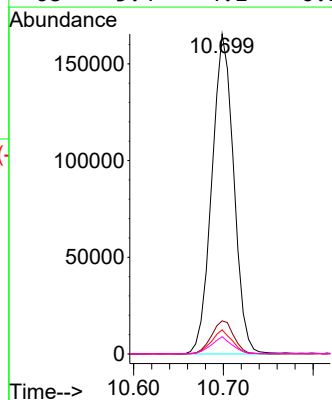
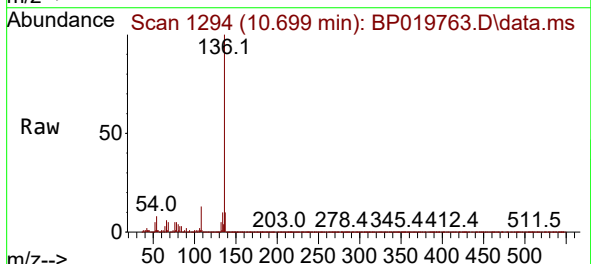
Instrument :
BNA_P
ClientSampleId :
A1163

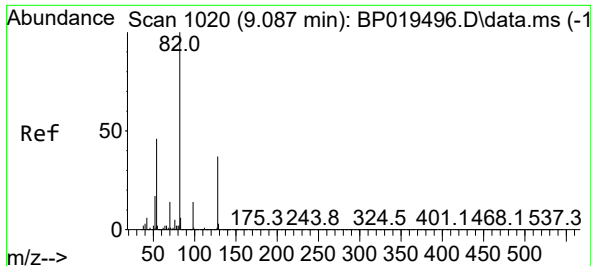
Tgt Ion: 99 Resp: 101343
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

Tgt Ion: 136 Resp: 280151
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.5 5.3 7.9
68 5.4 4.1 6.1

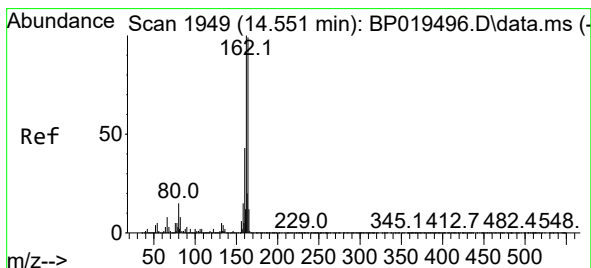
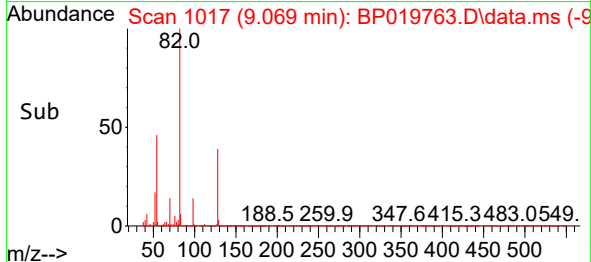
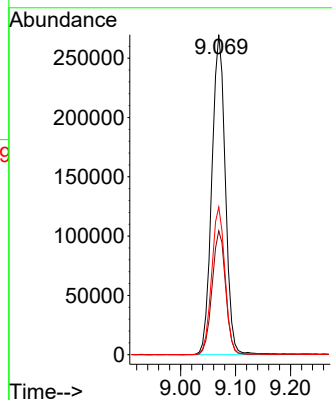
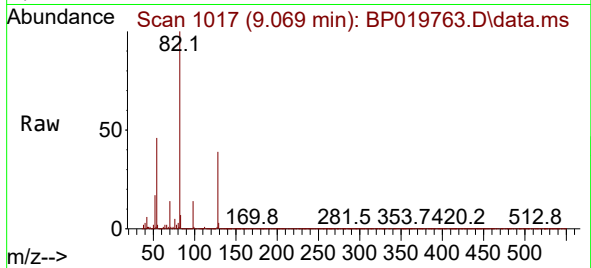




#23
Nitrobenzene-d5
Concen: 71.281 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

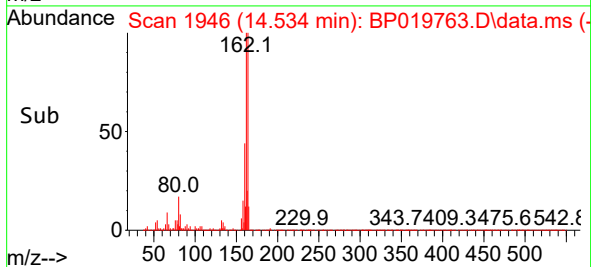
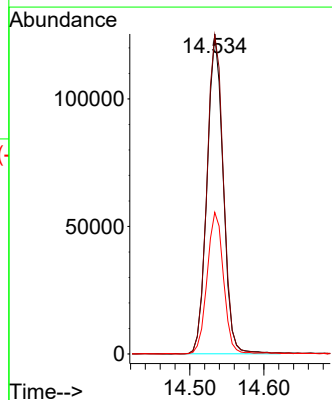
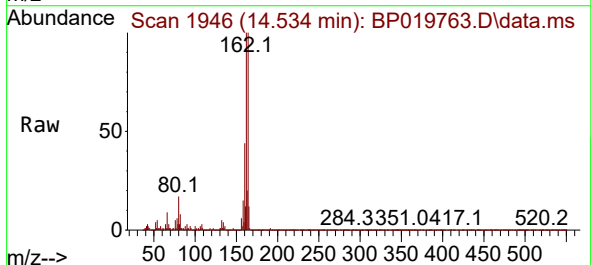
Instrument :
BNA_P
ClientSampleId :
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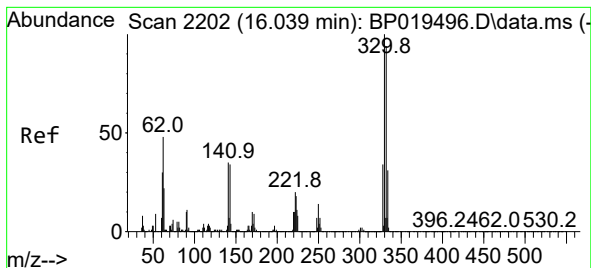
Tgt Ion: 82 Resp: 460853
Ion Ratio Lower Upper
82 100
128 38.7 29.7 44.5
54 46.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

Tgt Ion:164 Resp: 189228
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 108.427 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

A1163

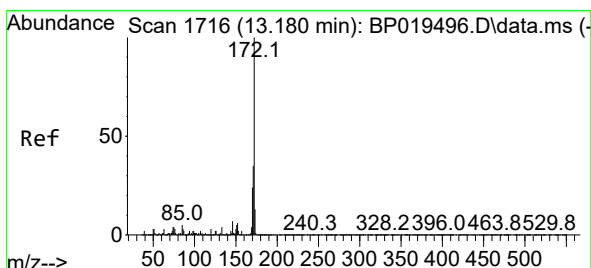
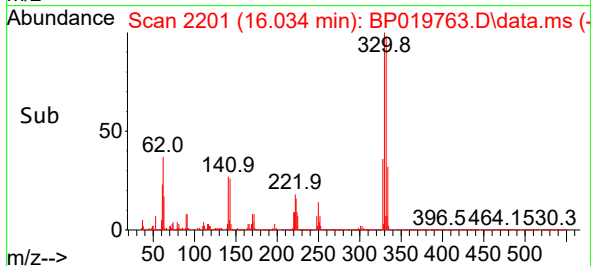
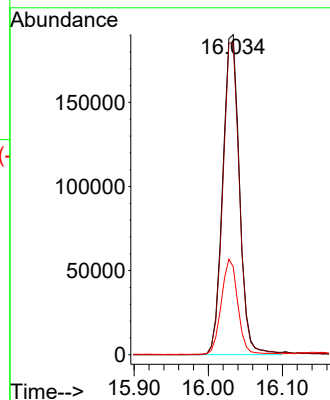
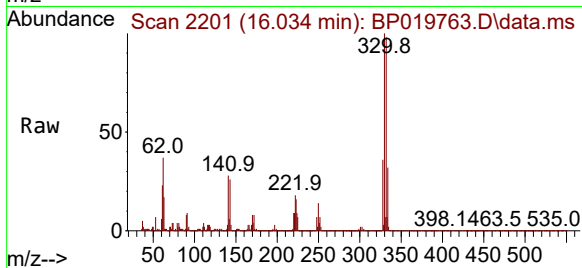
Tgt Ion:330 Resp: 299569

Ion Ratio Lower Upper

330 100

332 98.1 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 77.964 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

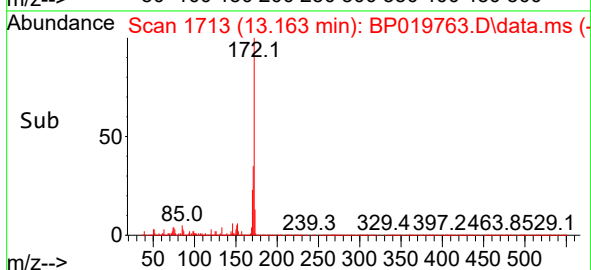
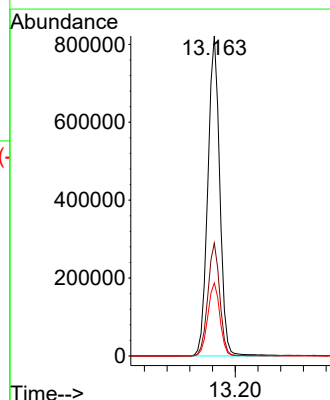
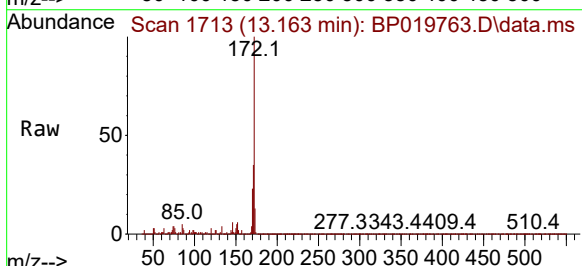
Tgt Ion:172 Resp: 1193380

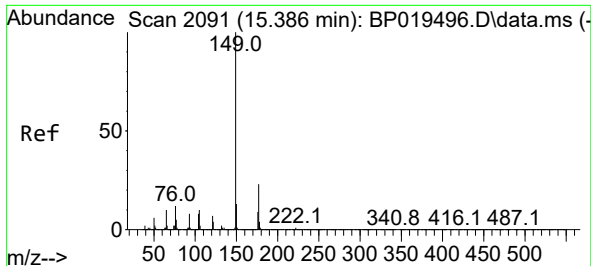
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 22.8 18.9 28.3

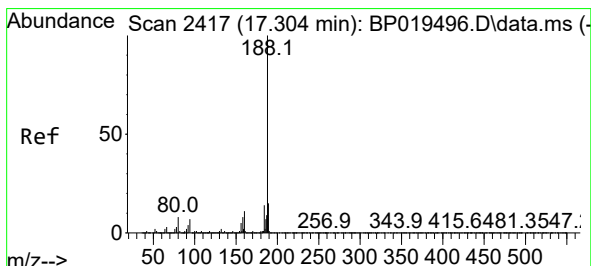
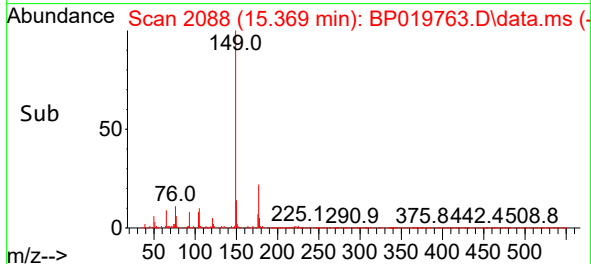
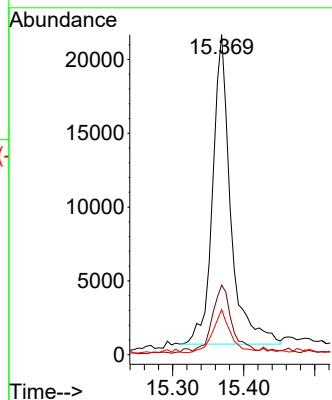
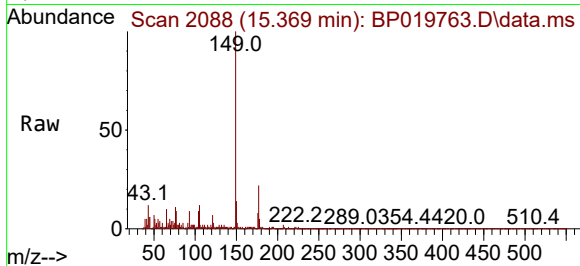




#60
Diethylphthalate
Concen: 2.569 ng
RT: 15.369 min Scan# 2091
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

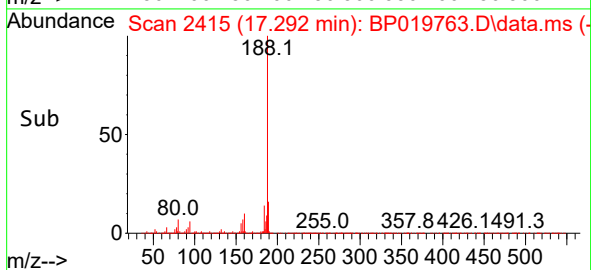
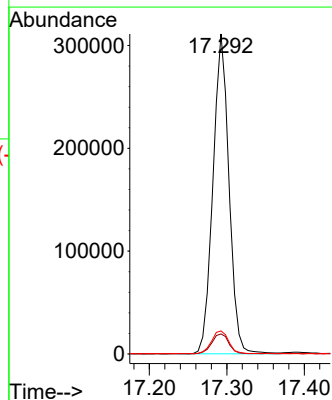
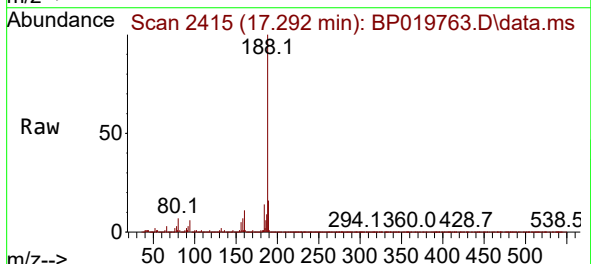
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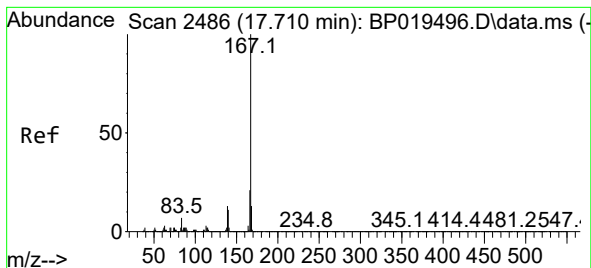
Tgt Ion:149 Resp: 37017
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 14.1 10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

Tgt Ion:188 Resp: 449138
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 7.2 6.3 9.5





#73

Carbazole

Concen: 2.150 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

A1163

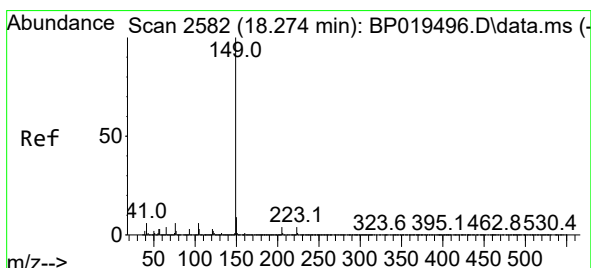
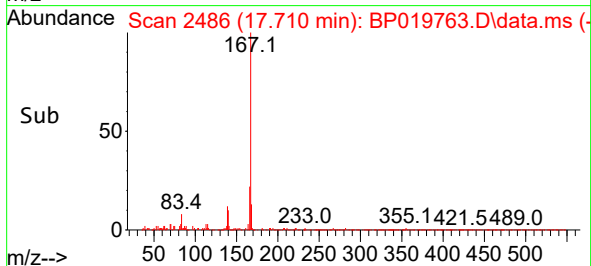
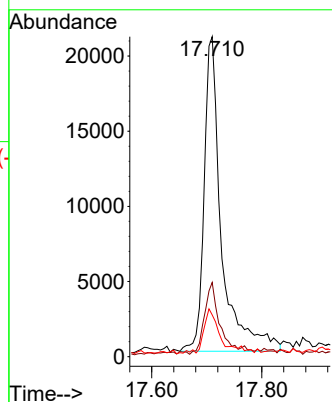
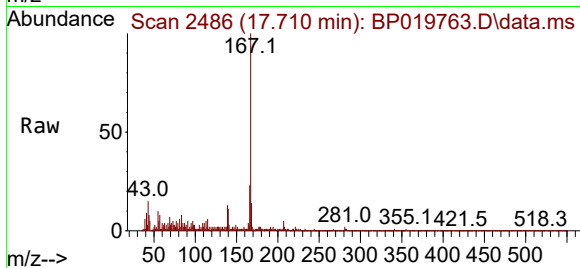
Tgt Ion:167 Resp: 46043

Ion Ratio Lower Upper

167 100

166 23.2 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 5.555 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

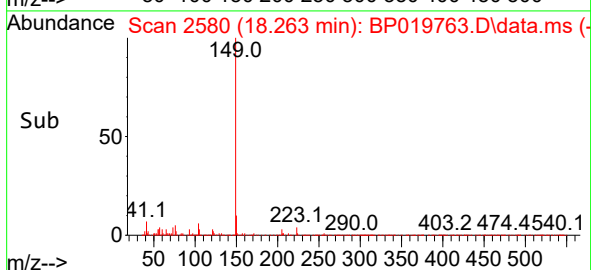
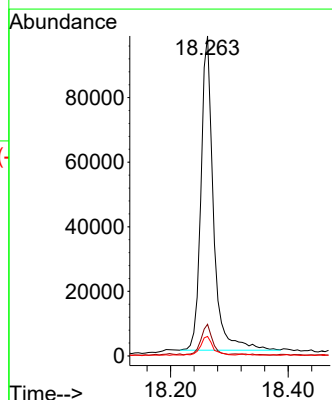
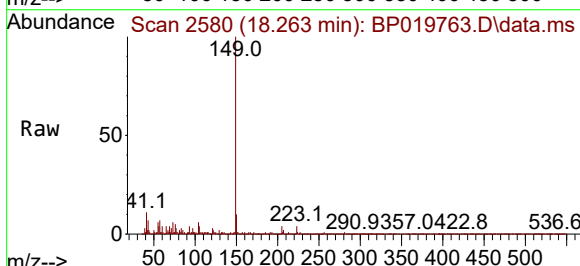
Tgt Ion:149 Resp: 143866

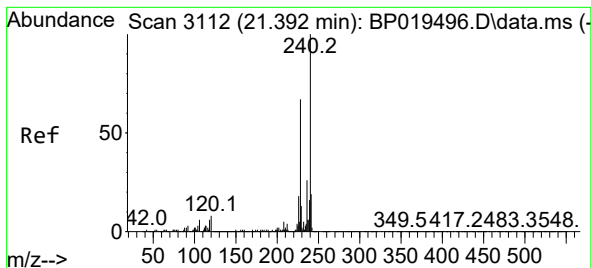
Ion Ratio Lower Upper

149 100

150 9.9 7.3 10.9

104 6.1 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

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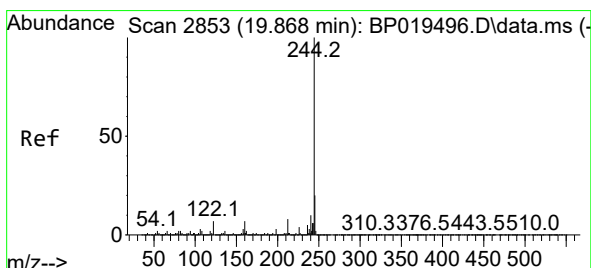
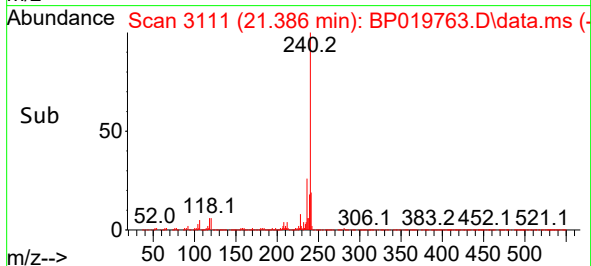
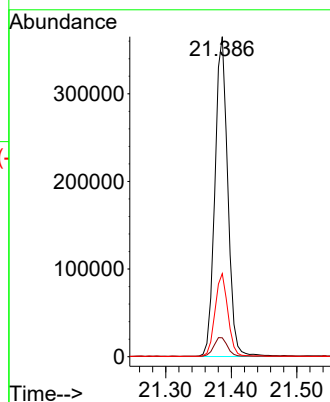
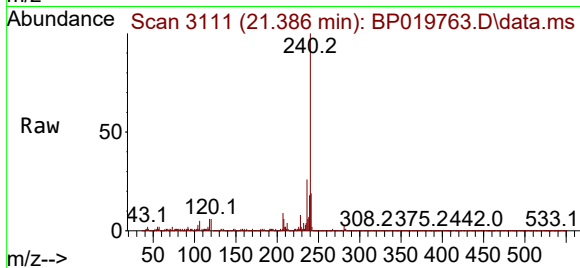
Tgt Ion:240 Resp: 496298

Ion Ratio Lower Upper

240 100

120 5.9 6.1 9.1#

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 91.008 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

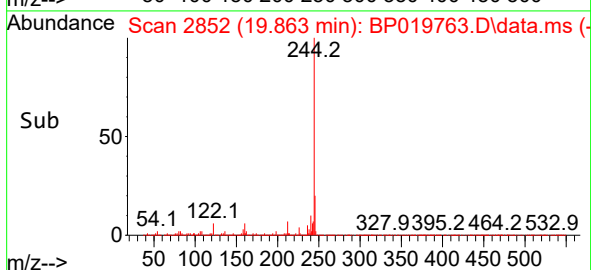
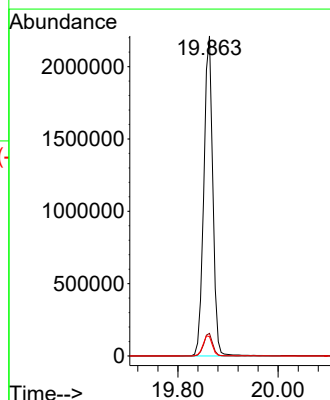
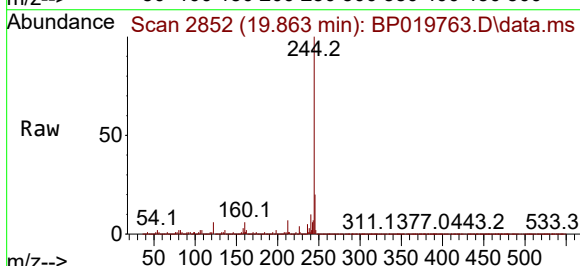
Tgt Ion:244 Resp: 2746487

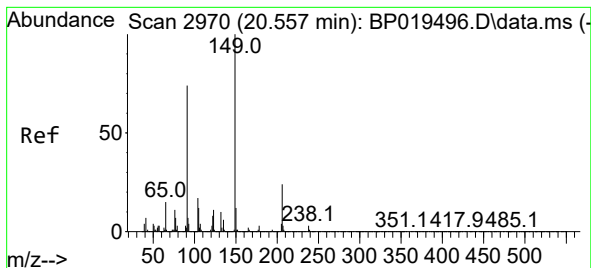
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.0 5.9 8.9





#80

Butylbenzylphthalate

Concen: 5.048 ng

RT: 20.545 min Scan# 2970

Delta R.T. -0.011 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

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ClientSampleId :

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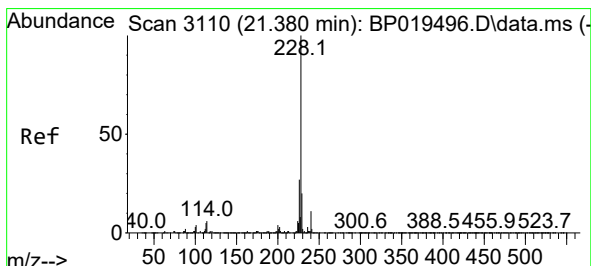
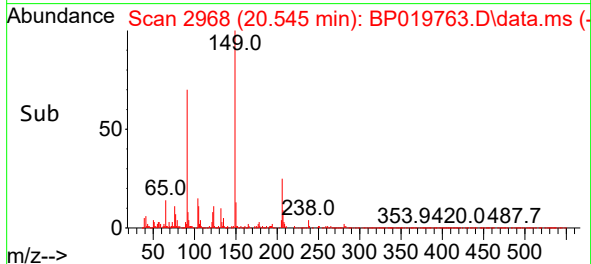
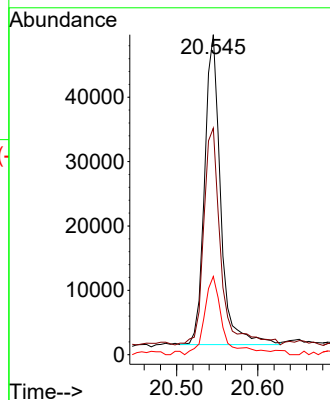
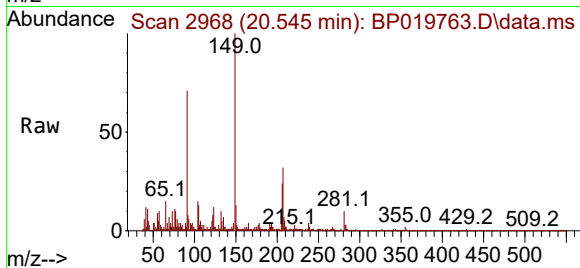
Tgt Ion:149 Resp: 66026

Ion Ratio Lower Upper

149 100

91 70.8 59.4 89.0

206 24.4 19.0 28.6



#81

Benzo(a)anthracene

Concen: 4.064 ng

RT: 21.369 min Scan# 3108

Delta R.T. -0.011 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

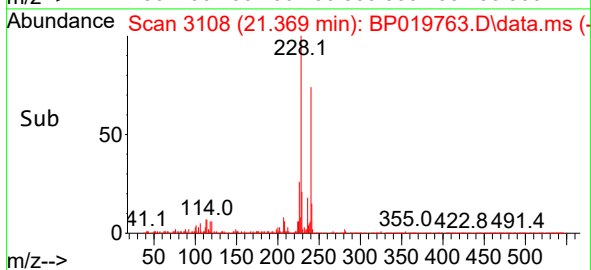
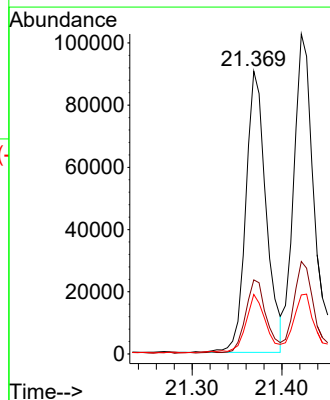
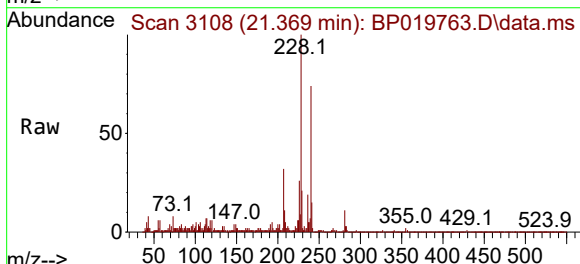
Tgt Ion:228 Resp: 141975

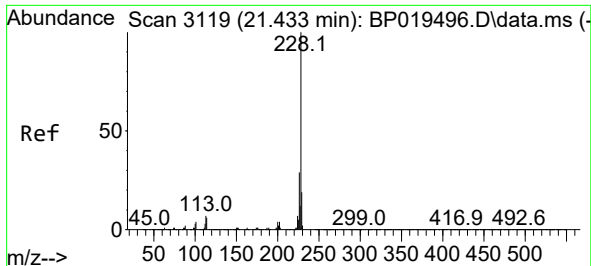
Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

229 21.0 15.6 23.4





#83

Chrysene

Concen: 4.903 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

A1163

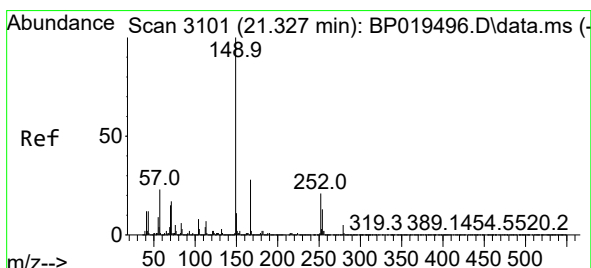
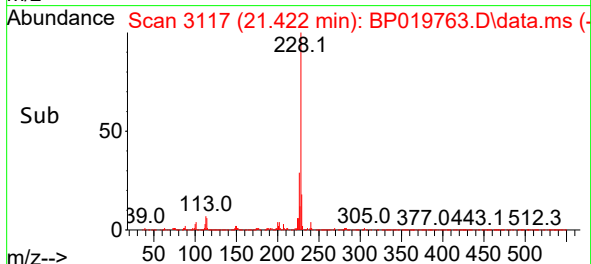
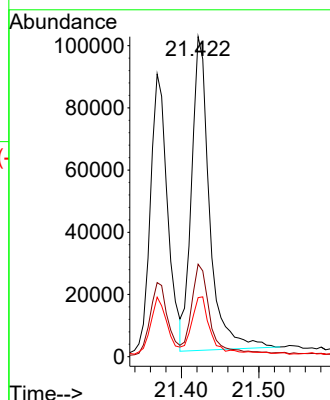
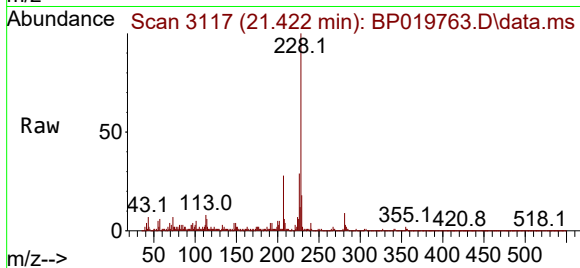
Tgt Ion:228 Resp: 162621

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

229 18.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.705 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

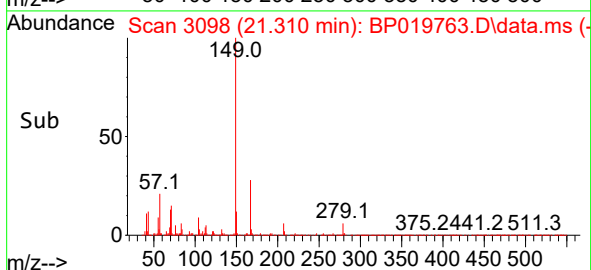
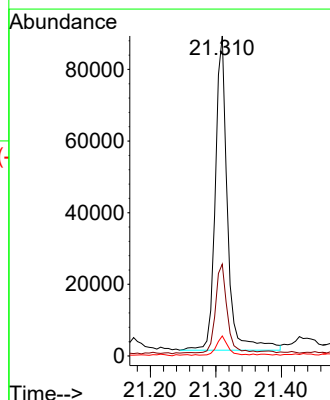
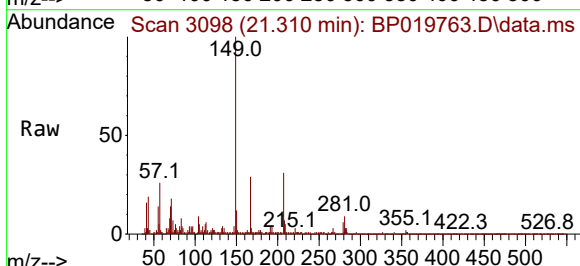
Tgt Ion:149 Resp: 113633

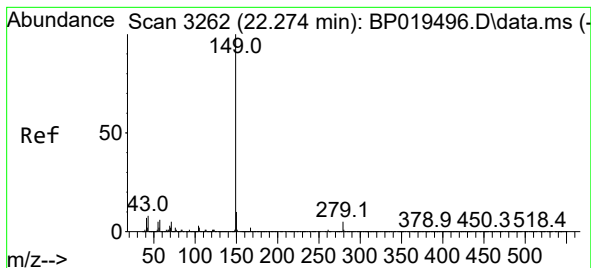
Ion Ratio Lower Upper

149 100

167 28.7 22.7 34.1

279 6.2 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 4.073 ng

RT: 22.251 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

A1163

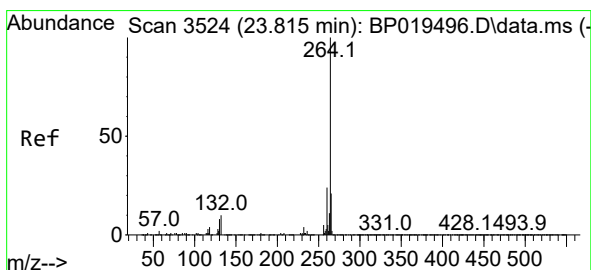
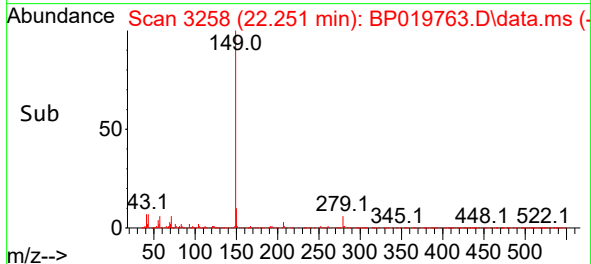
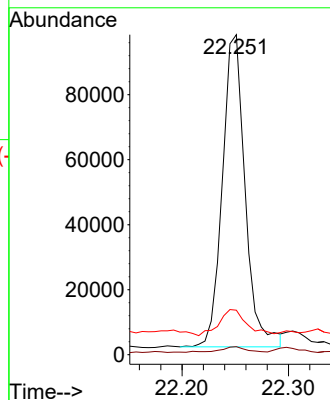
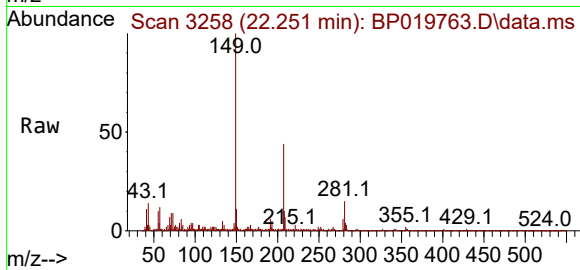
Tgt Ion:149 Resp: 142749

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 10.1 6.3 9.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019763.D

Acq: 19 Feb 2024 15:13

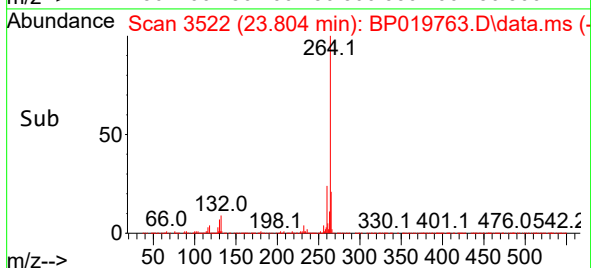
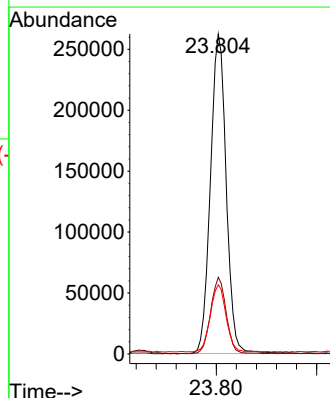
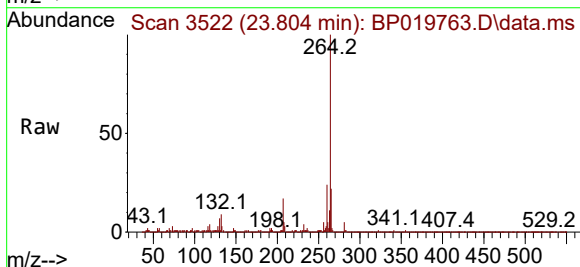
Tgt Ion:264 Resp: 571474

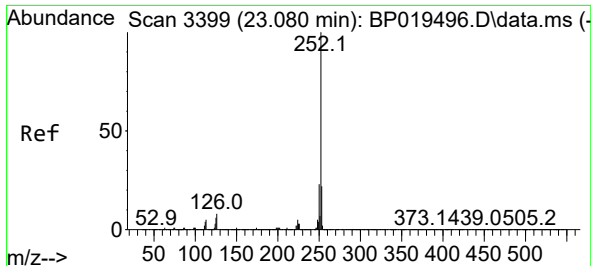
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.0 25.4

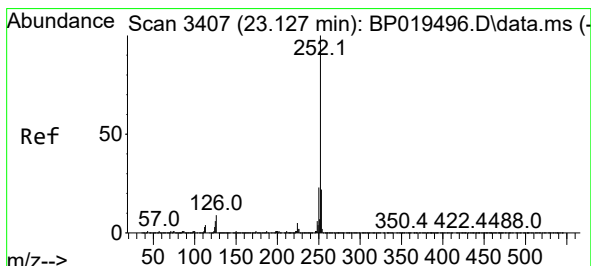
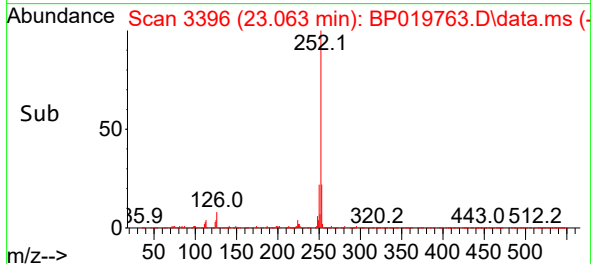
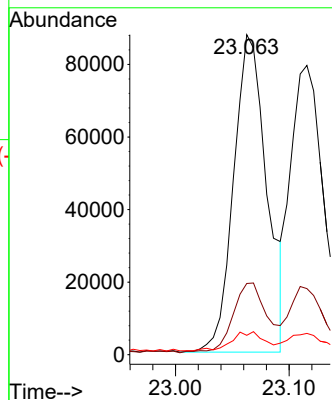
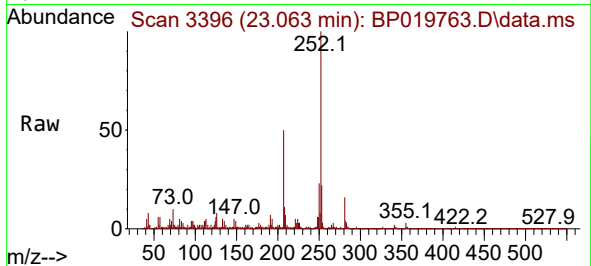




#88
Benzo(b)fluoranthene
Concen: 4.924 ng
RT: 23.063 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

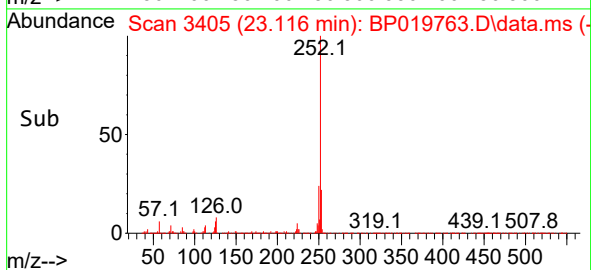
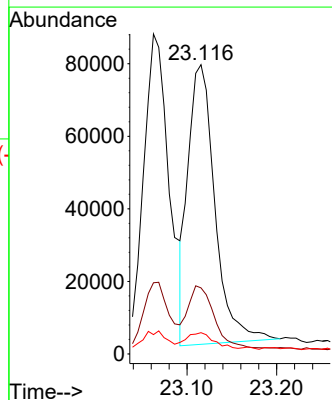
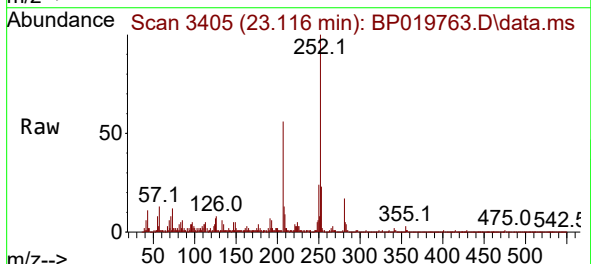
Instrument :
BNA_P
ClientSampleId :
A1163

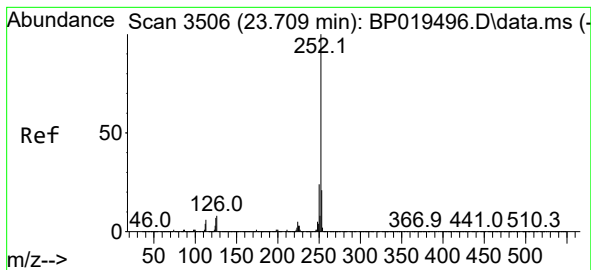
Tgt Ion:252 Resp: 177332
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 6.0 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 4.658 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.011 min
Lab File: BP019763.D
Acq: 19 Feb 2024 15:13

Tgt Ion:252 Resp: 160265
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 7.4 5.0 7.6





#90

Benzo(a)pyrene

Concen: 2.889 ng

RT: 23.698 min Scan# 3

Delta R.T. -0.011 min

Lab File: BP019763.D

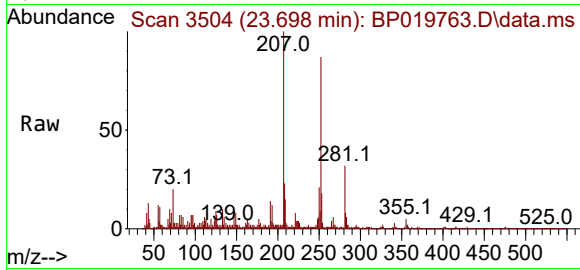
Acq: 19 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

A1163



Tgt Ion:252 Resp: 92595

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 10.6 5.6 8.4#

