

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019764.D
 Acq On : 19 Feb 2024 15:47
 Operator : MA/JU
 Sample : P1461-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Feb 19 16:11:55 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)

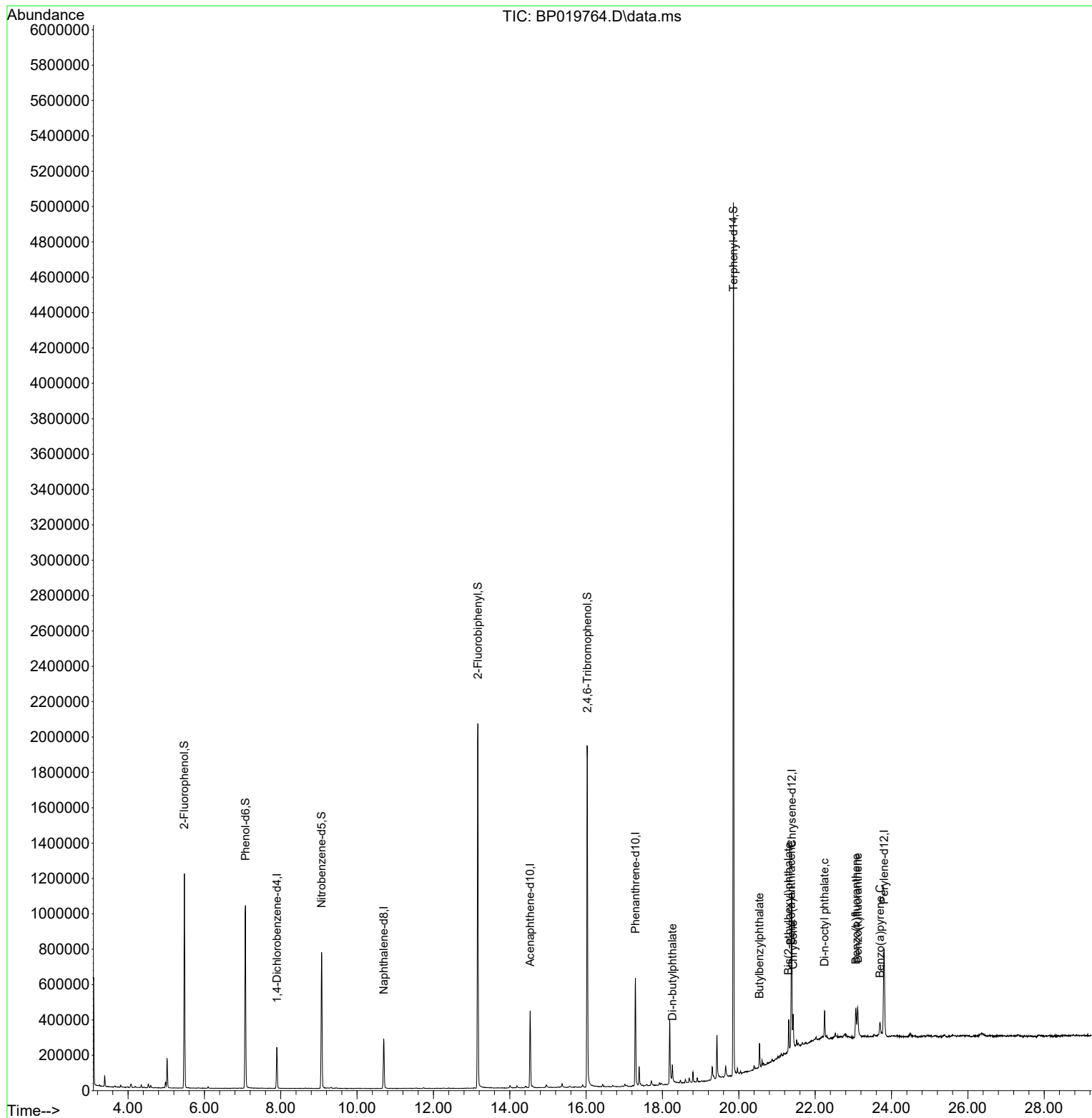
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	63434	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	232492	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	156707	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	388605	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	426561	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	465442	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	491906	124.998	ng	-0.01
7) Phenol-d6	7.075	99	587500	110.719	ng	-0.01
23) Nitrobenzene-d5	9.069	82	471496	87.877	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	440604	192.569	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1096722	86.518	ng	-0.02
79) Terphenyl-d14	19.863	244	2606020	100.471	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.257	149	81834	3.652	ng	99
80) Butylbenzylphthalate	20.539	149	51490	4.580	ng	99
81) Benzo(a)anthracene	21.369	228	115060	3.832	ng	98
83) Chrysene	21.422	228	135151	4.741	ng	98
84) Bis(2-ethylhexyl)phtha...	21.304	149	76685	4.479	ng	100
85) Di-n-octyl phthalate	22.245	149	134867	4.478	ng	100
88) Benzo(b)fluoranthene	23.069	252	152522	5.199	ng	98
89) Benzo(k)fluoranthene	23.116	252	147502	5.264	ng	97
90) Benzo(a)pyrene	23.698	252	88437	3.388	ng	# 96

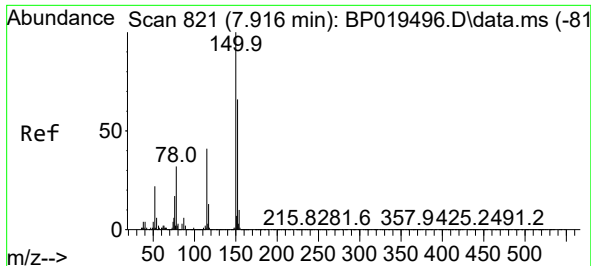
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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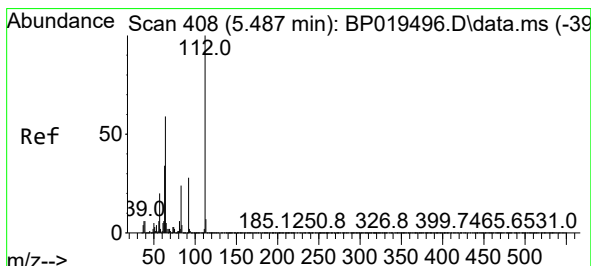
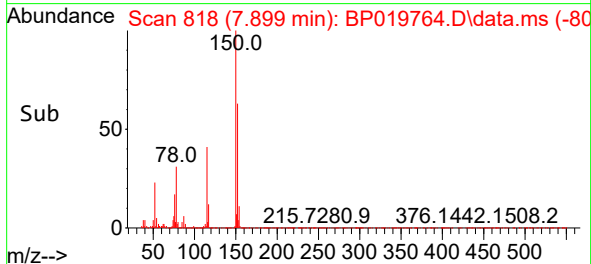
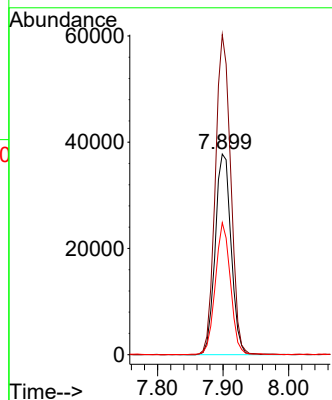
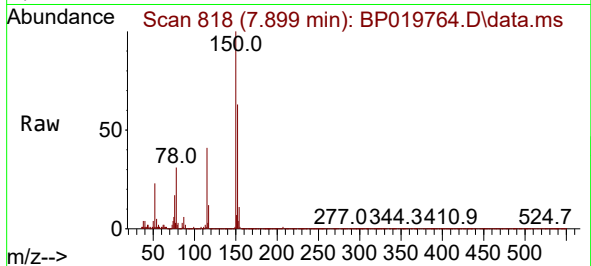




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

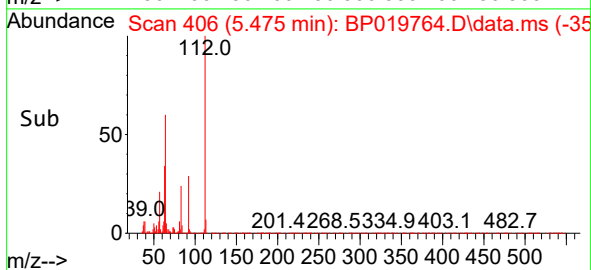
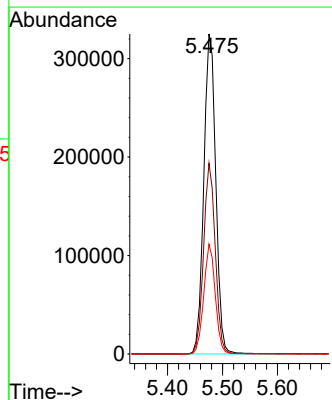
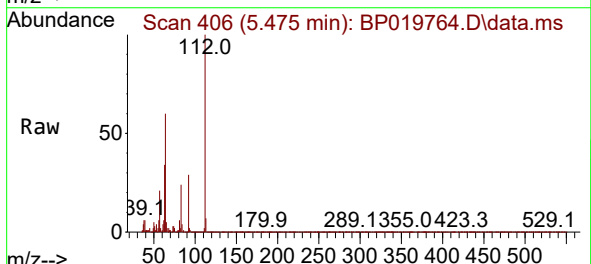
Instrument :
BNA_P
ClientSampleId :
TP-2

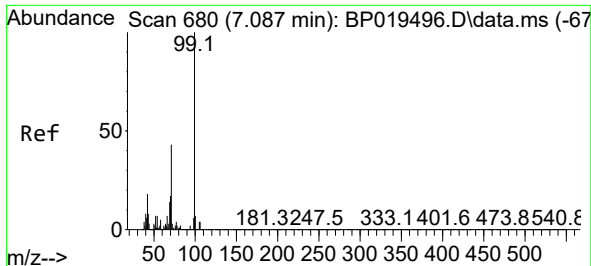
Tgt Ion:152 Resp: 63434
Ion Ratio Lower Upper
152 100
150 159.5 121.8 182.8
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 124.998 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

Tgt Ion:112 Resp: 491906
Ion Ratio Lower Upper
112 100
64 59.6 47.4 71.0
63 34.3 27.0 40.6

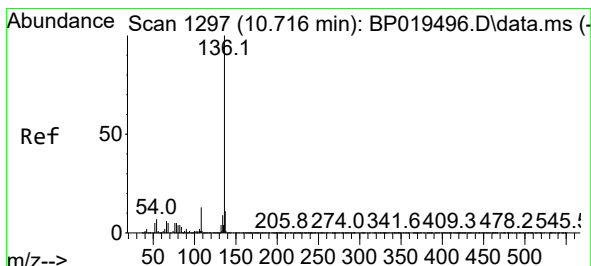
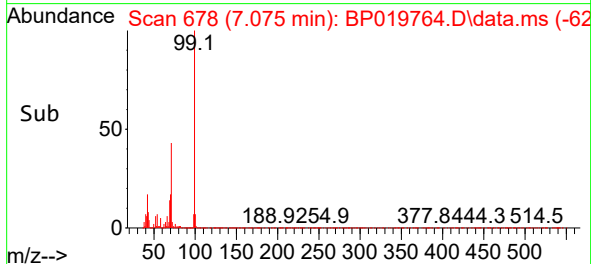
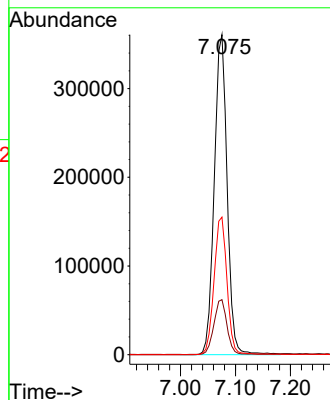
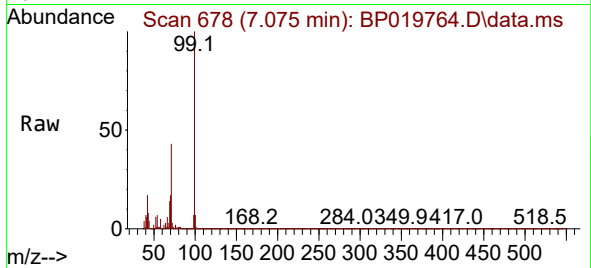




#7
Phenol-d6
Concen: 110.719 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

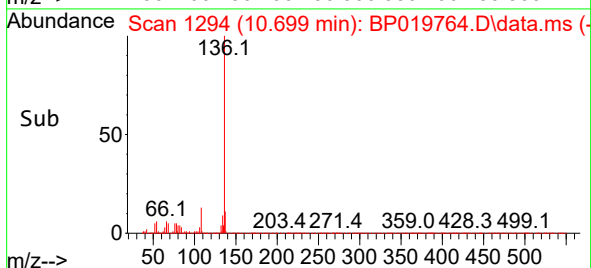
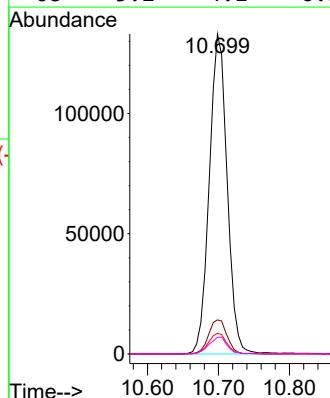
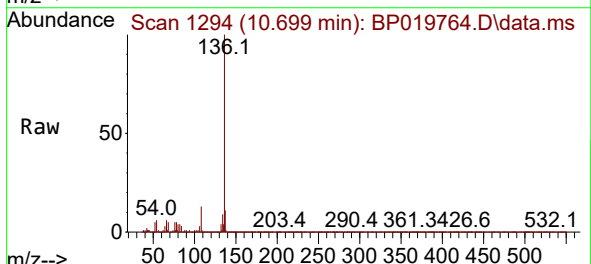
Instrument :
BNA_P
ClientSampleId :
TP-2

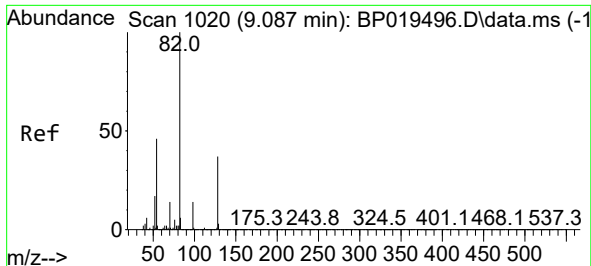
Tgt Ion: 99 Resp: 587500
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 43.0 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

Tgt Ion: 136 Resp: 232492
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.4 5.3 7.9
68 5.2 4.1 6.1

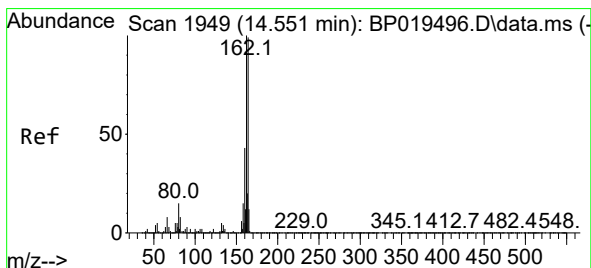
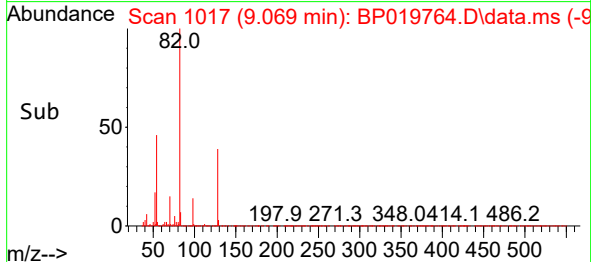
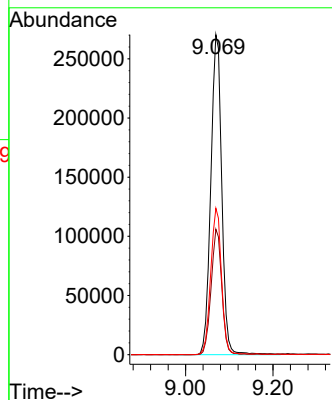
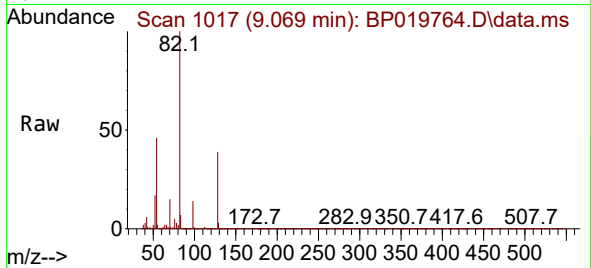




#23
Nitrobenzene-d5
Concen: 87.877 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

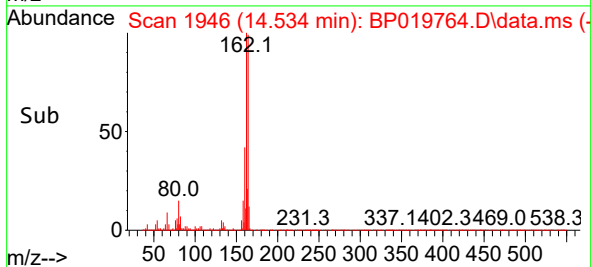
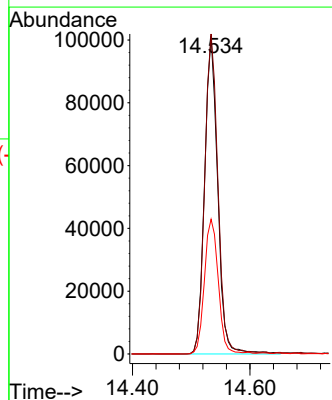
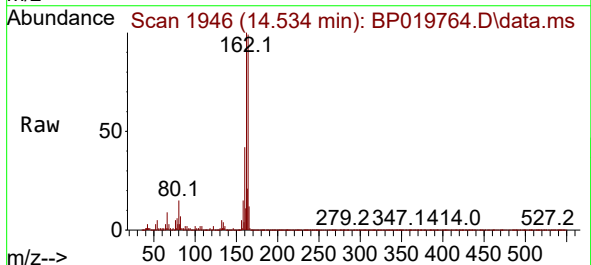
Instrument :
BNA_P
ClientSampleId :
TP-2

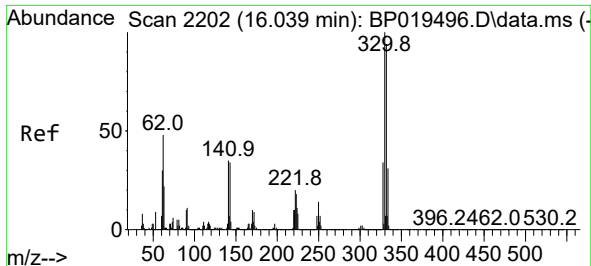
Tgt Ion: 82 Resp: 471496
Ion Ratio Lower Upper
82 100
128 39.2 29.7 44.5
54 45.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

Tgt Ion: 164 Resp: 156707
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 42.4 35.1 52.7

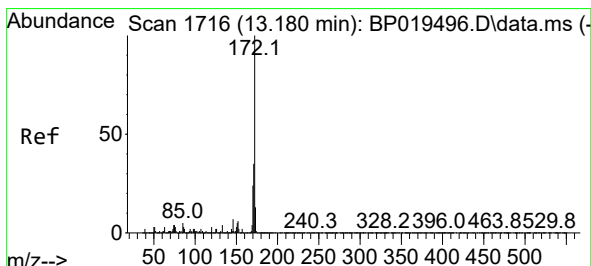
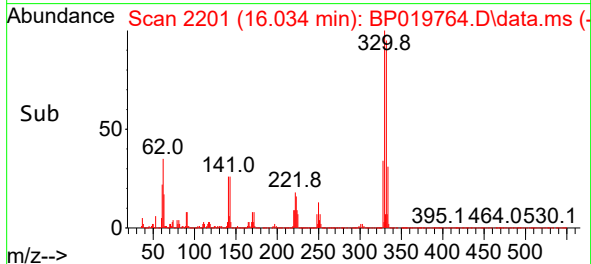
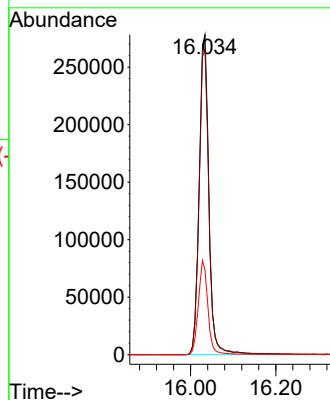
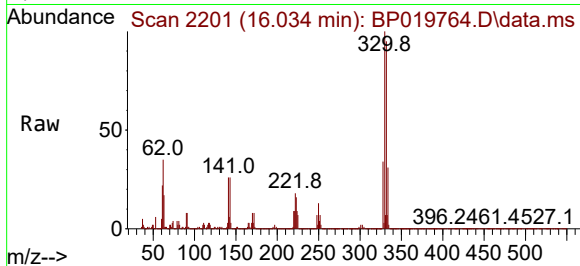




#42
2,4,6-Tribromophenol
Concen: 192.569 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

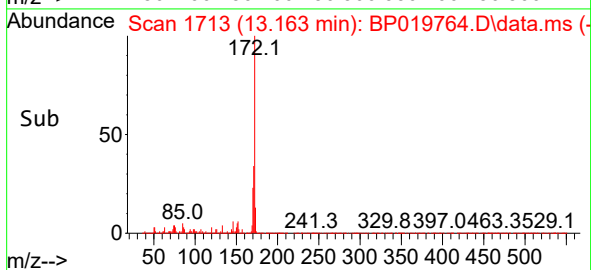
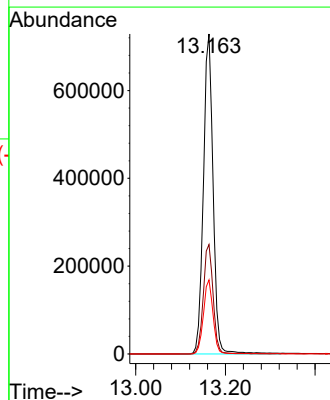
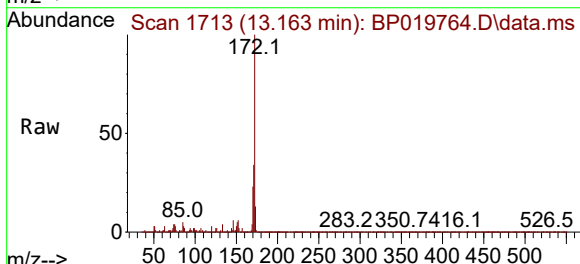
Instrument :
BNA_P
ClientSampleId :
TP-2

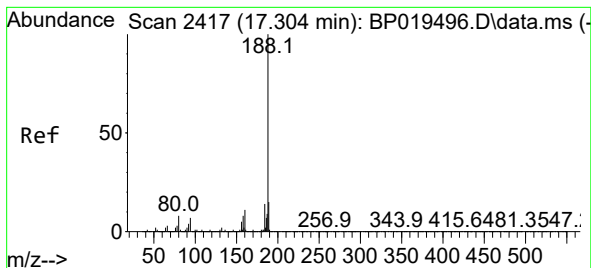
Tgt Ion:330 Resp: 440604
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 28.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 86.518 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

Tgt Ion:172 Resp: 1096722
Ion Ratio Lower Upper
172 100
171 34.2 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. -0.012 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2

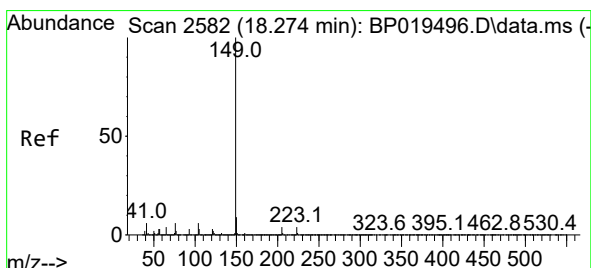
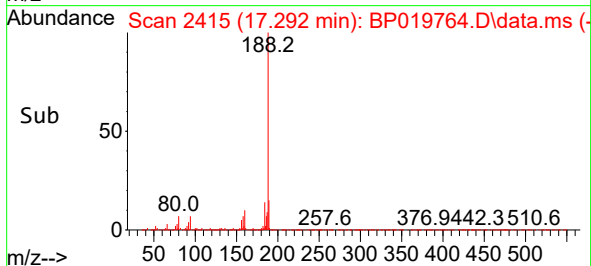
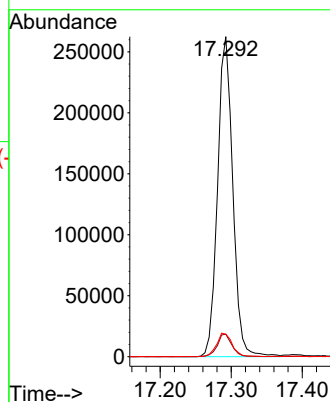
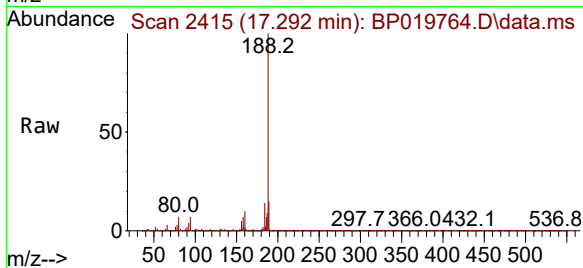
Tgt Ion:188 Resp: 388605

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.0 6.3 9.5



#74

Di-n-butylphthalate

Concen: 3.652 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.017 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

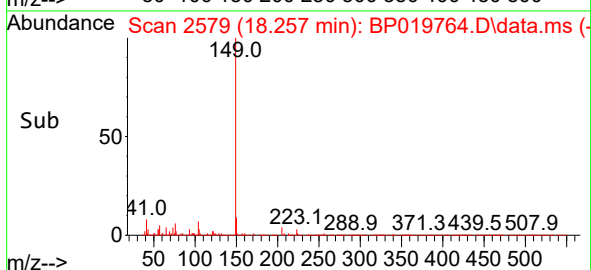
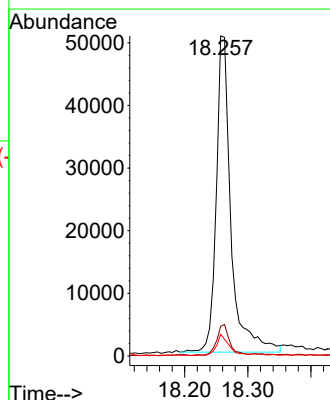
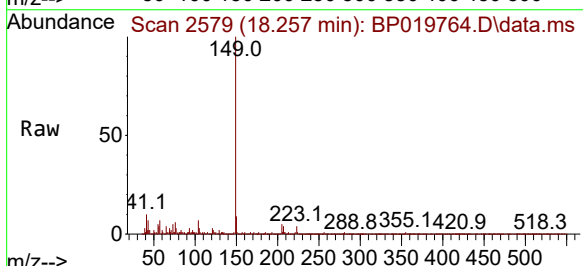
Tgt Ion:149 Resp: 81834

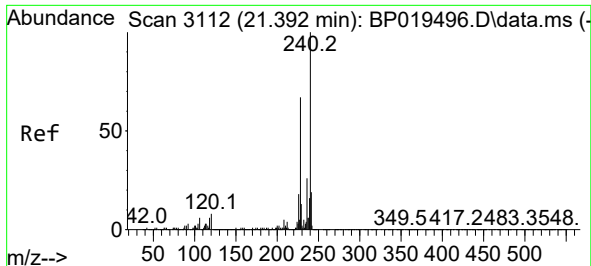
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.8 4.8 7.2

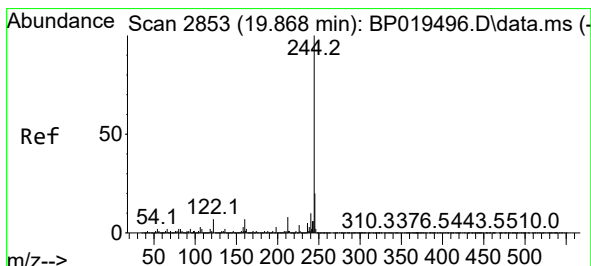
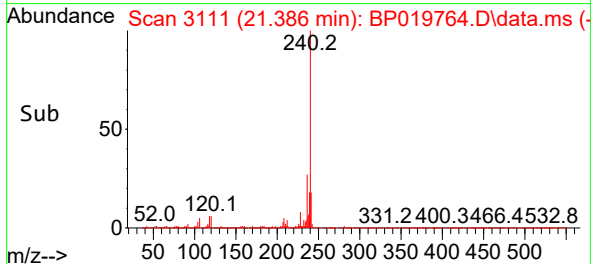
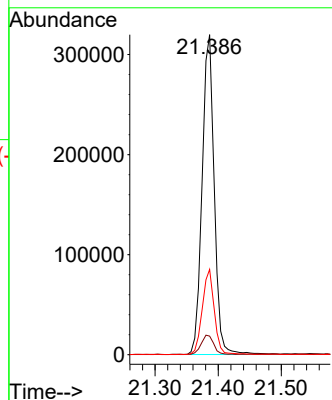
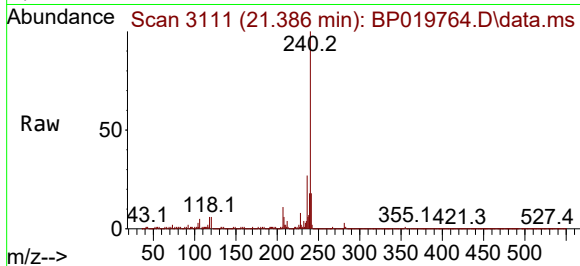




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

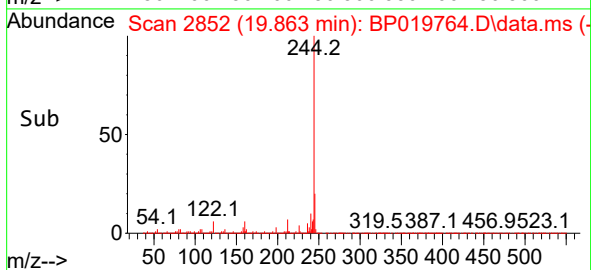
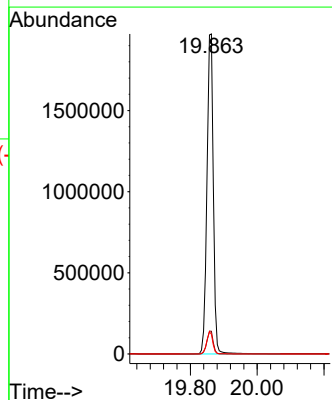
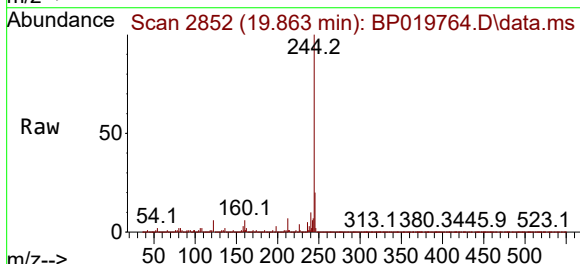
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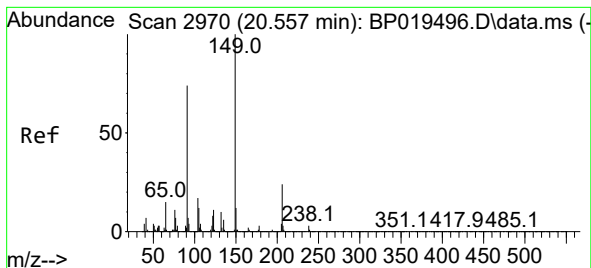
Tgt Ion:240 Resp: 426561
Ion Ratio Lower Upper
240 100
120 5.8 6.1 9.1#
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 100.471 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019764.D
Acq: 19 Feb 2024 15:47

Tgt Ion:244 Resp: 2606020
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.2 5.9 8.9





#80

Butylbenzylphthalate

Concen: 4.580 ng

RT: 20.539 min Scan# 2970

Delta R.T. -0.017 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2

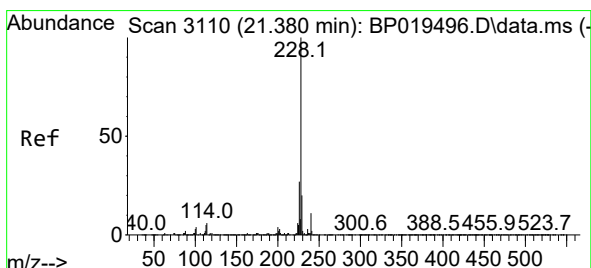
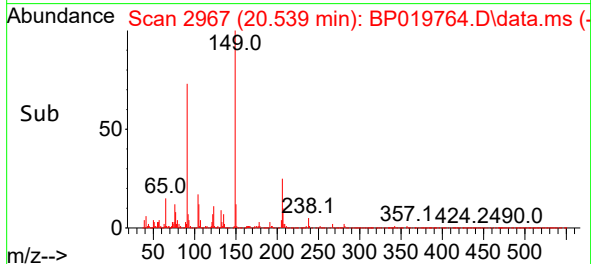
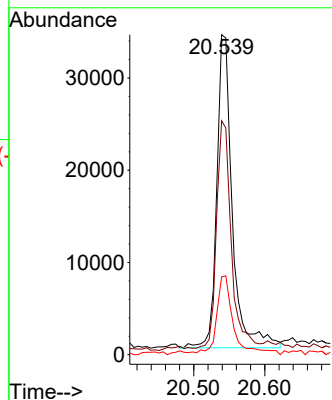
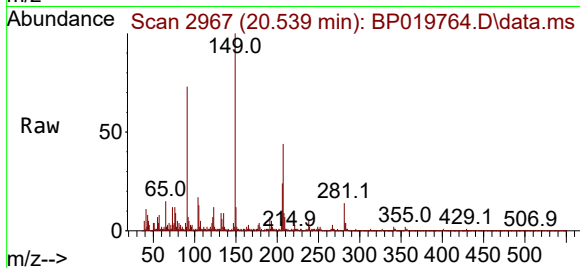
Tgt Ion:149 Resp: 51490

Ion Ratio Lower Upper

149 100

91 73.1 59.4 89.0

206 24.4 19.0 28.6



#81

Benzo(a)anthracene

Concen: 3.832 ng

RT: 21.369 min Scan# 3108

Delta R.T. -0.011 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

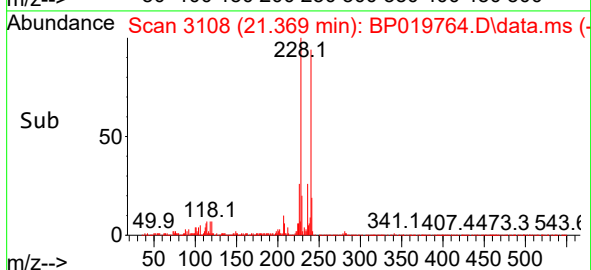
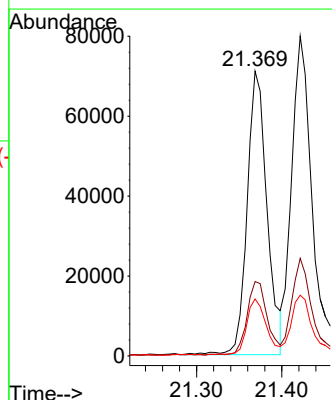
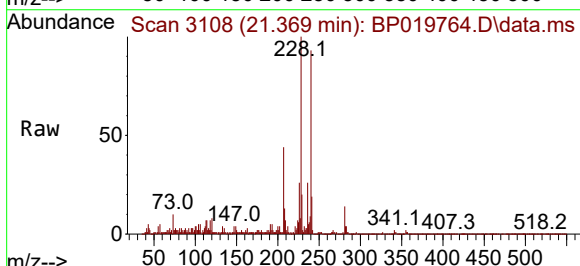
Tgt Ion:228 Resp: 115060

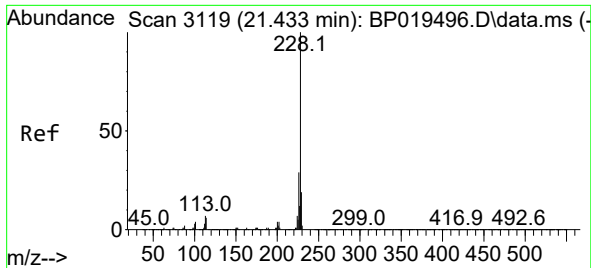
Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

229 20.0 15.6 23.4





#83

Chrysene

Concen: 4.741 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2

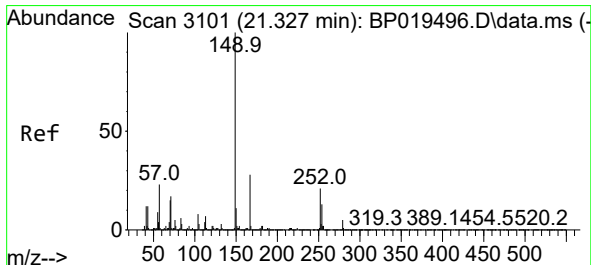
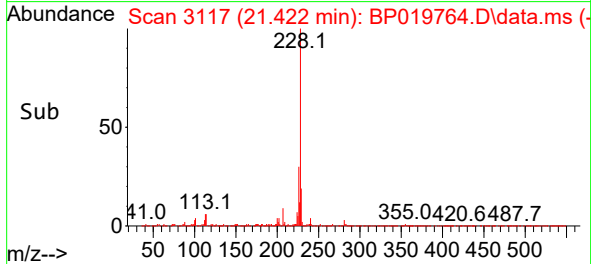
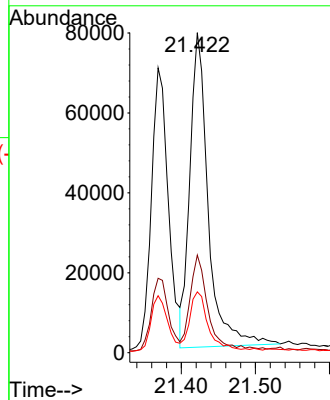
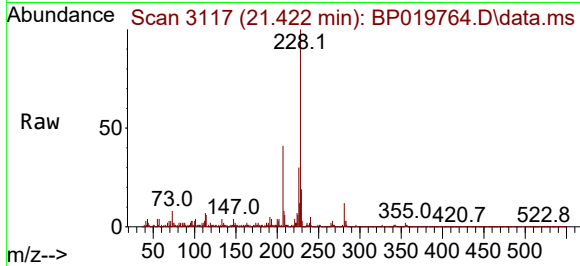
Tgt Ion:228 Resp: 135151

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.479 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.023 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

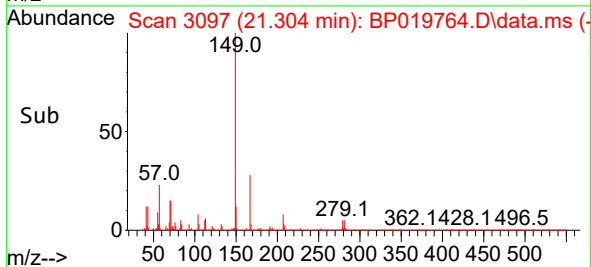
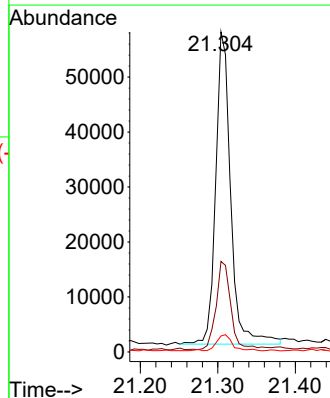
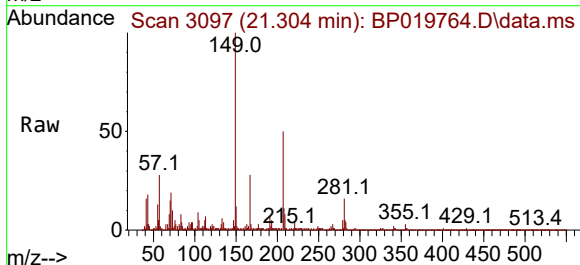
Tgt Ion:149 Resp: 76685

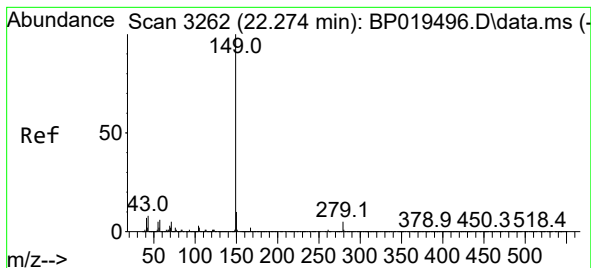
Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 5.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 4.478 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2

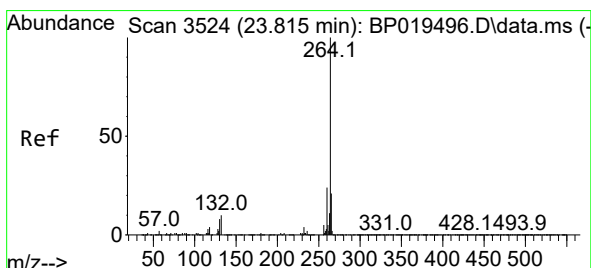
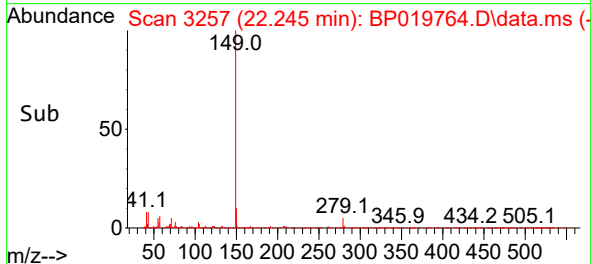
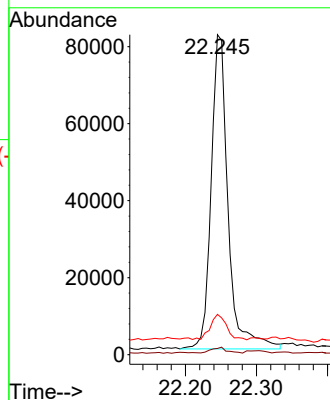
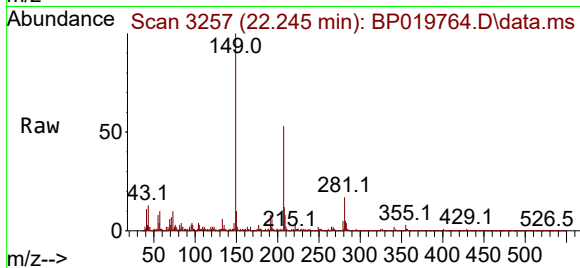
Tgt Ion:149 Resp: 134867

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.7 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: BP019764.D

Acq: 19 Feb 2024 15:47

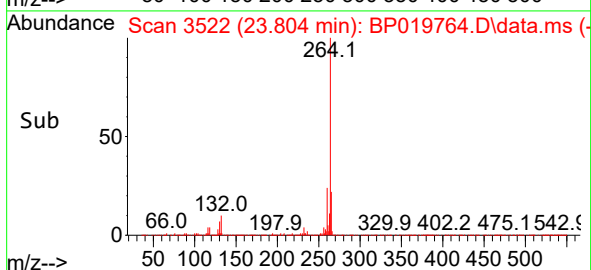
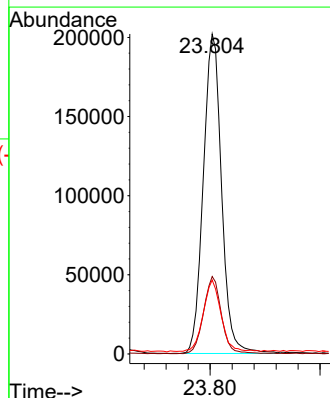
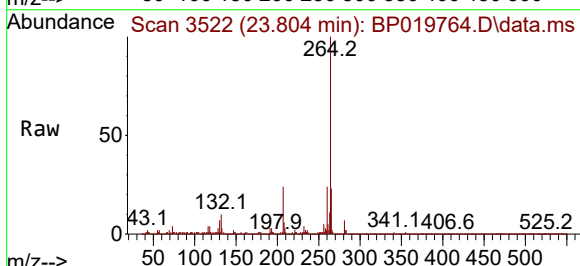
Tgt Ion:264 Resp: 465442

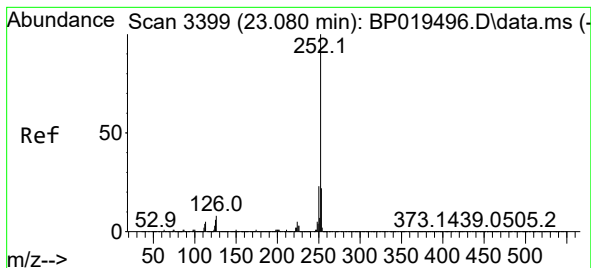
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 23.1 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 5.199 ng

RT: 23.069 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2

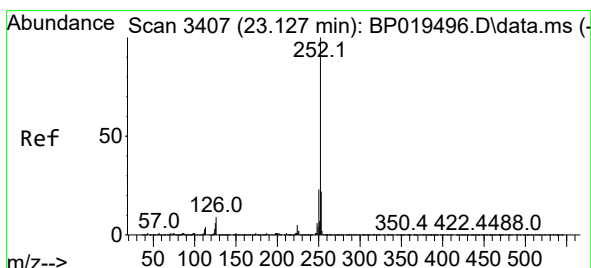
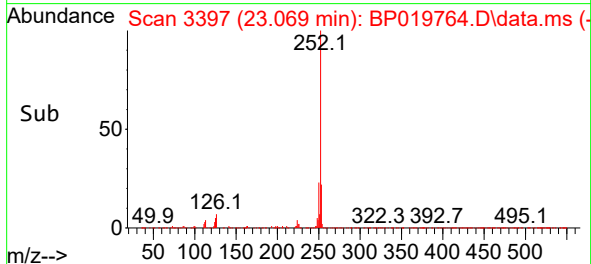
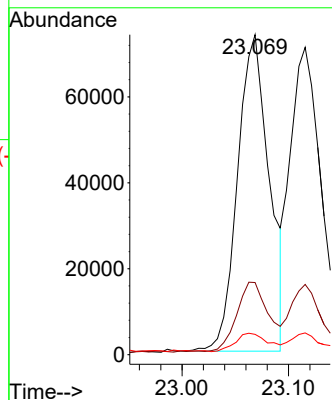
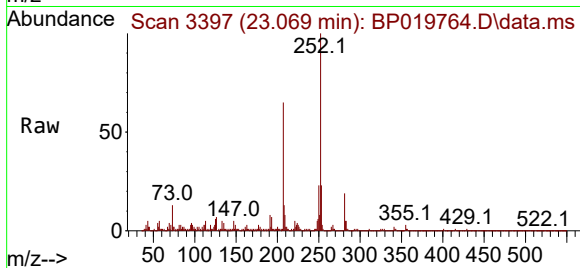
Tgt Ion:252 Resp: 152522

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 6.3 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 5.264 ng

RT: 23.116 min Scan# 3405

Delta R.T. -0.011 min

Lab File: BP019764.D

Acq: 19 Feb 2024 15:47

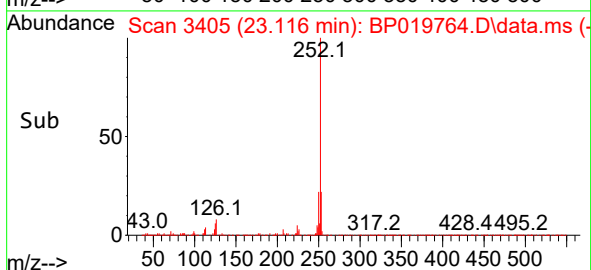
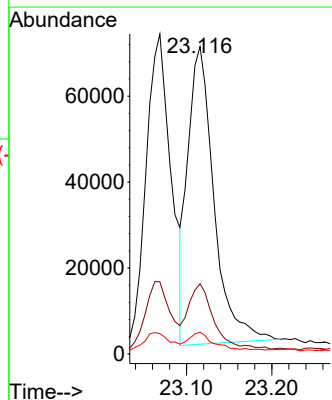
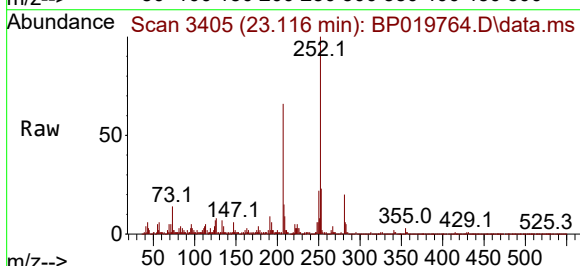
Tgt Ion:252 Resp: 147502

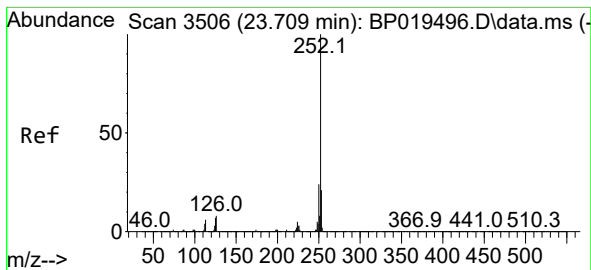
Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 7.1 5.0 7.6





#90

Benzo(a)pyrene

Concen: 3.388 ng

RT: 23.698 min Scan# 3

Delta R.T. -0.011 min

Lab File: BP019764.D

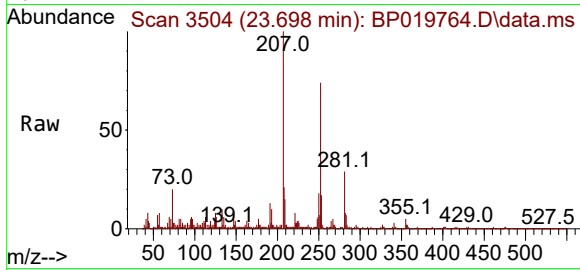
Acq: 19 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

TP-2



Tgt Ion:252 Resp: 88437

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 10.3 5.6 8.4#

