

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019767.D
 Acq On : 19 Feb 2024 17:28
 Operator : MA/JU
 Sample : P1461-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Feb 19 17:53:44 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)

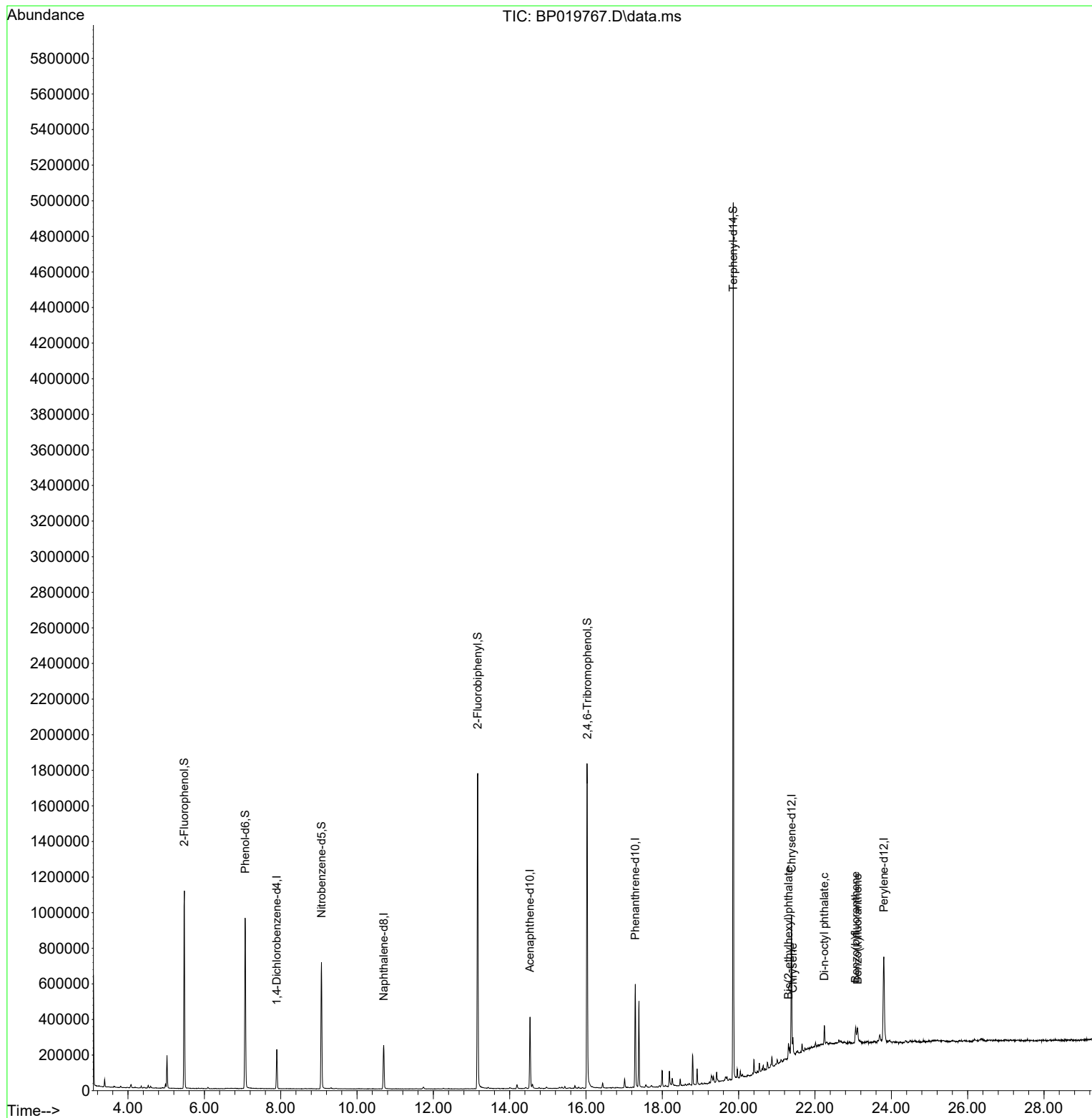
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	58866	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	208653	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	145032	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	370279	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	412121	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	449954	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	451941	123.755	ng	-0.01
7) Phenol-d6	7.069	99	538785	109.418	ng	-0.02
23) Nitrobenzene-d5	9.069	82	433545	90.035	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	413963	195.490	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1020657	86.999	ng	-0.02
79) Terphenyl-d14	19.857	244	2408032	96.091	ng	-0.01
Target Compounds						
83) Chrysene	21.422	228	65974	2.395	ng	Qvalue 98
84) Bis(2-ethylhexyl)phtha...	21.304	149	35532	2.148	ng	98
85) Di-n-octyl phthalate	22.245	149	60122	2.066	ng	# 84
88) Benzo(b)fluoranthene	23.063	252	77058m	2.717	ng	
89) Benzo(k)fluoranthene	23.116	252	74218	2.740	ng	97

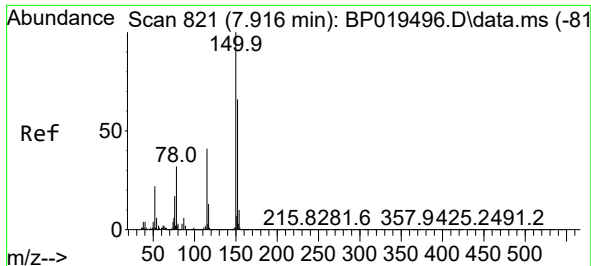
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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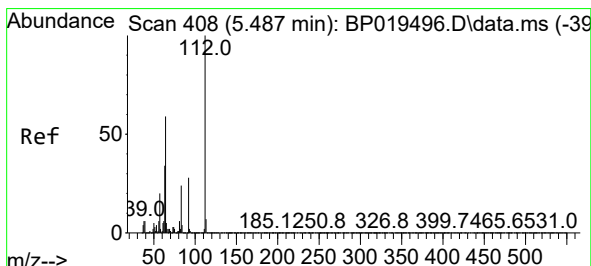
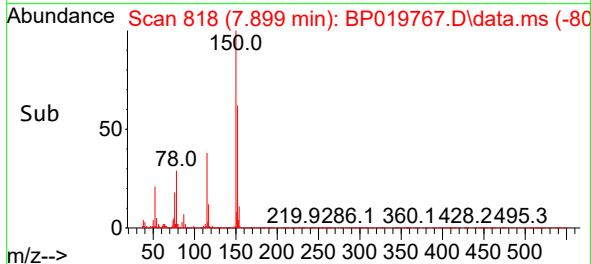
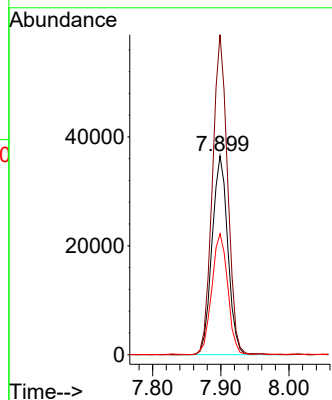
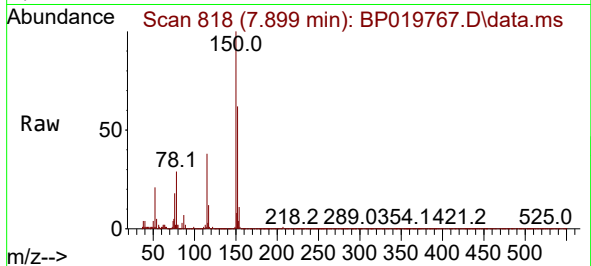




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

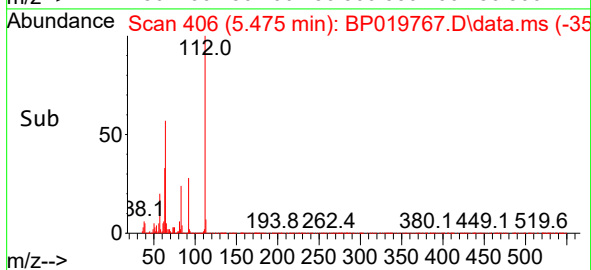
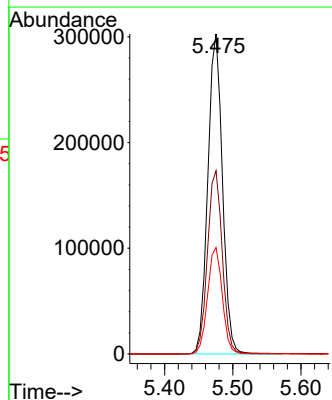
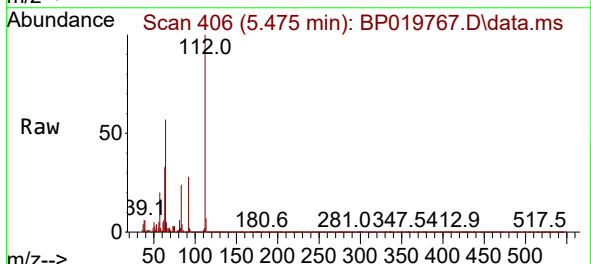
Instrument :
BNA_P
ClientSampleId :
TP-1

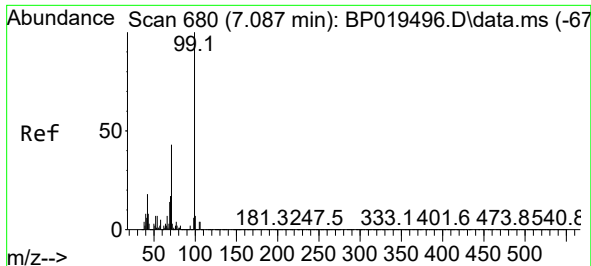
Tgt Ion:152 Resp: 58866
Ion Ratio Lower Upper
152 100
150 160.9 121.8 182.8
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 123.755 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

Tgt Ion:112 Resp: 451941
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.0
63 33.3 27.0 40.6

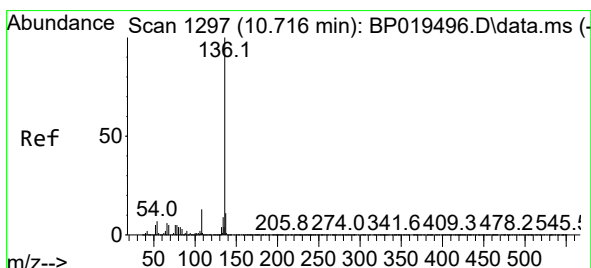
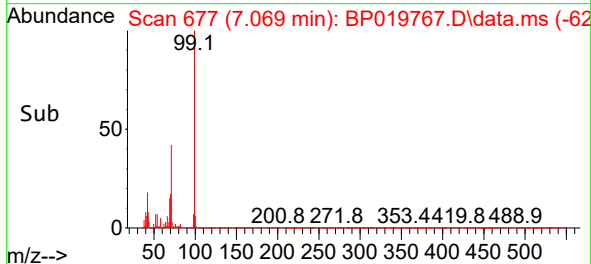
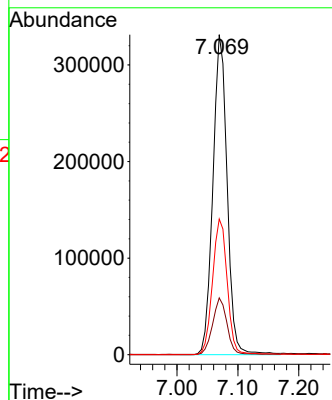
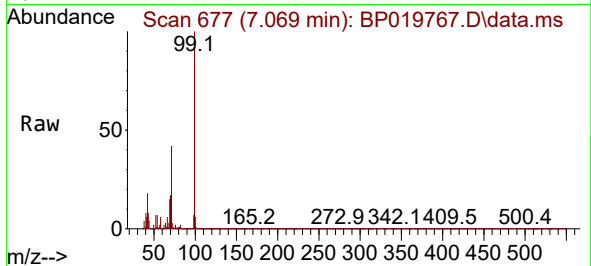




#7
Phenol-d6
Concen: 109.418 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

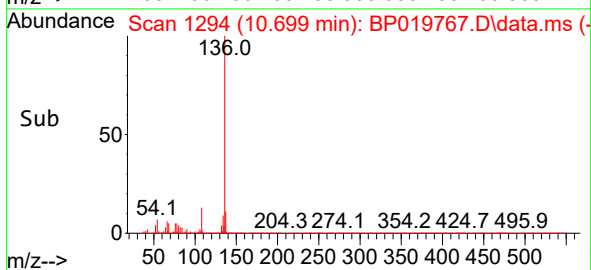
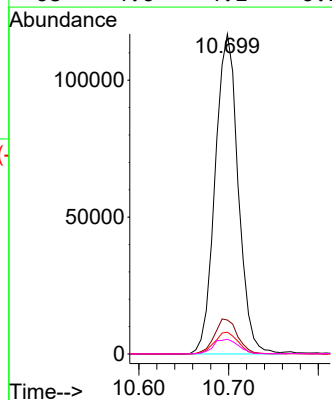
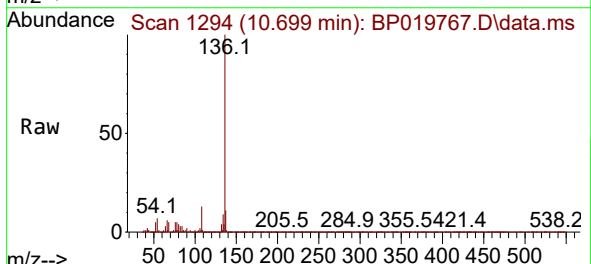
Instrument :
BNA_P
ClientSampleId :
TP-1

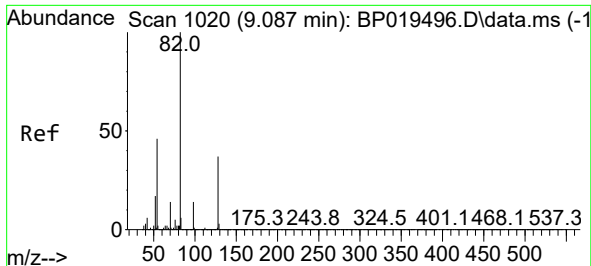
Tgt Ion: 99 Resp: 538785
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

Tgt Ion: 136 Resp: 208653
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.3 7.9
68 4.6 4.1 6.1

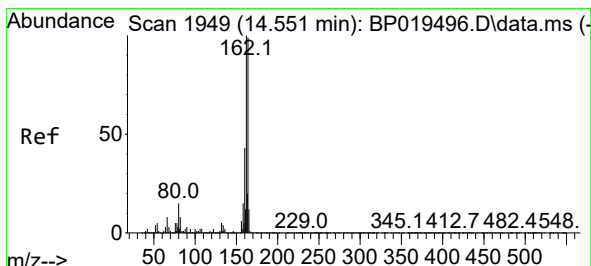
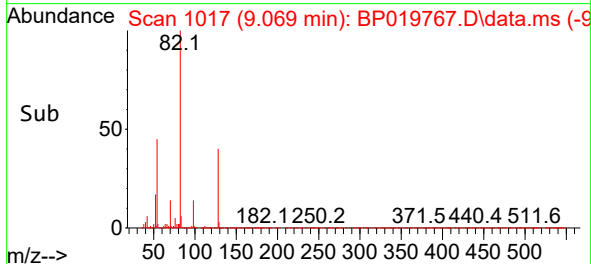
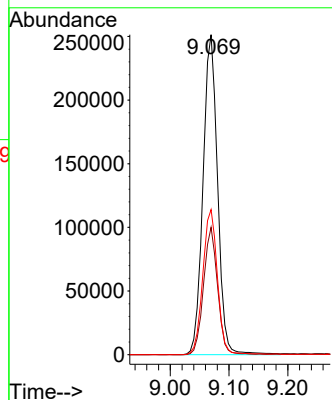
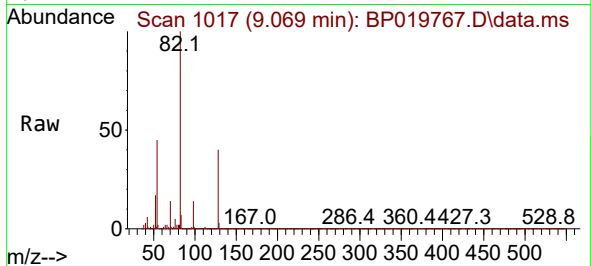




#23
Nitrobenzene-d5
Concen: 90.035 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

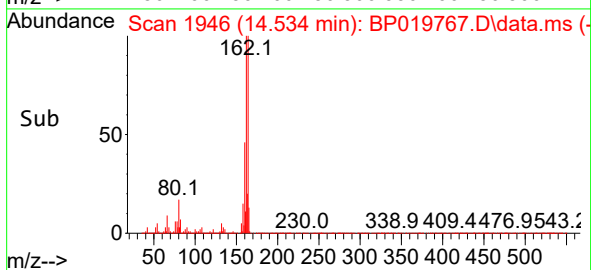
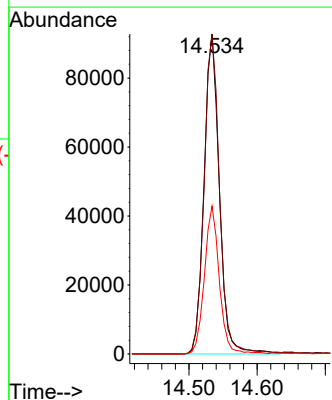
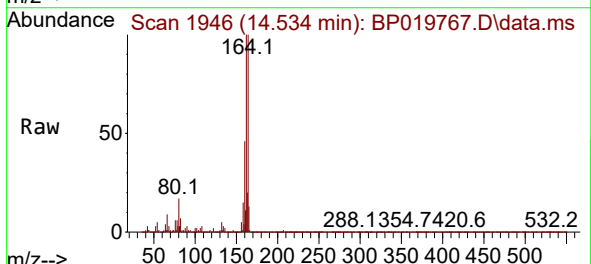
Instrument :
BNA_P
ClientSampleId :
TP-1

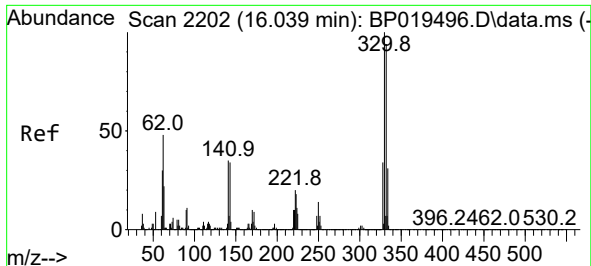
Tgt Ion: 82 Resp: 433545
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 45.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

Tgt Ion: 164 Resp: 145032
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 46.2 35.1 52.7

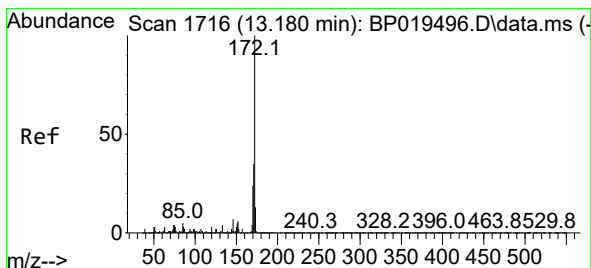
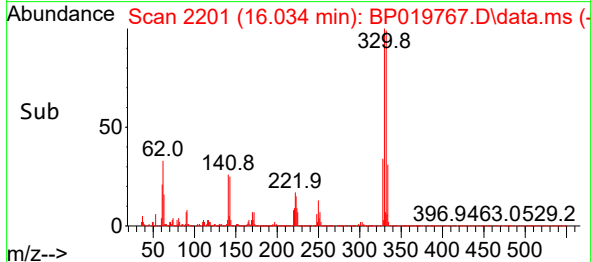
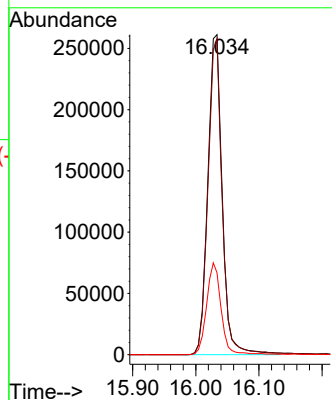
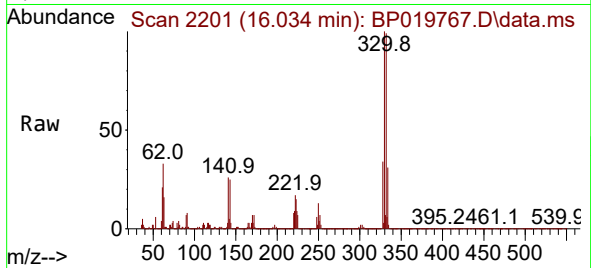




#42
2,4,6-Tribromophenol
Concen: 195.490 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

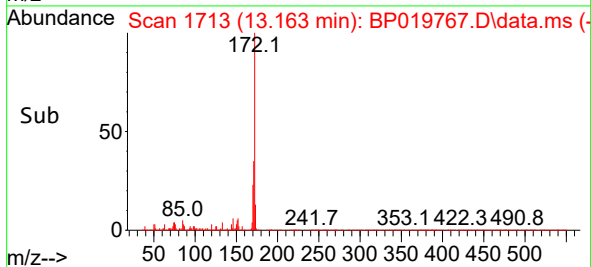
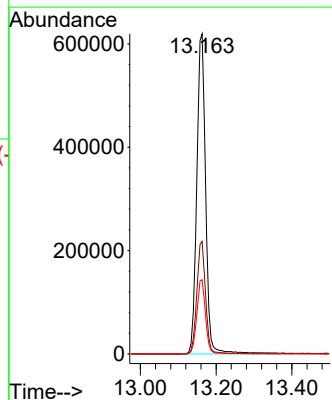
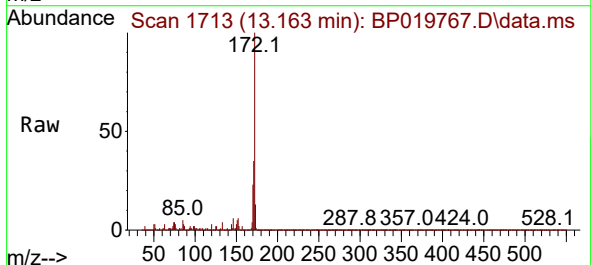
Instrument :
BNA_P
ClientSampleId :
TP-1

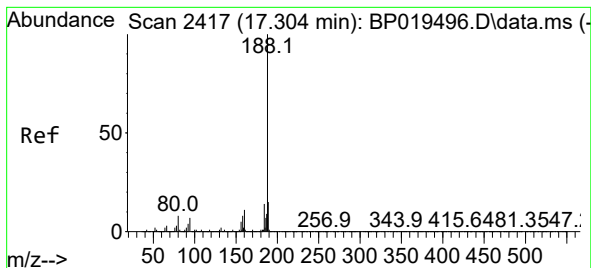
Tgt Ion:330 Resp: 413963
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 28.9 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 86.999 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019767.D
Acq: 19 Feb 2024 17:28

Tgt Ion:172 Resp: 1020657
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 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: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA_P

ClientSampleId :

TP-1

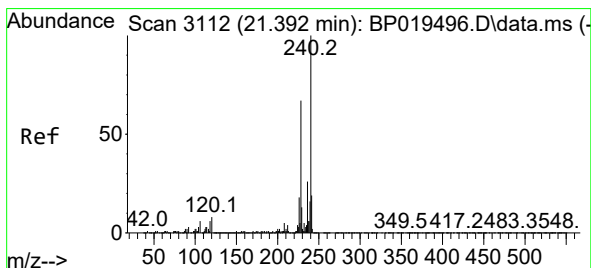
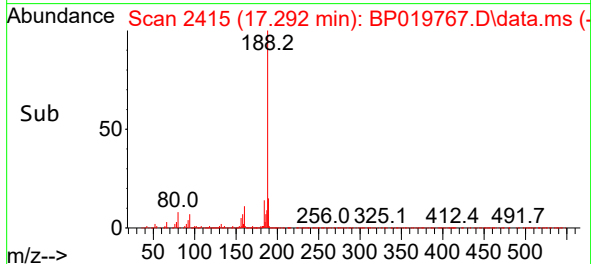
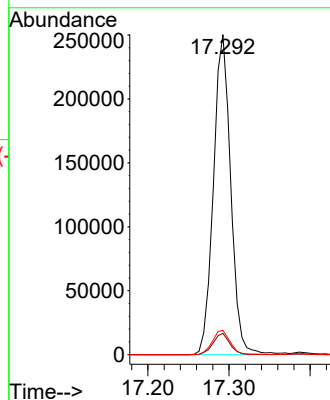
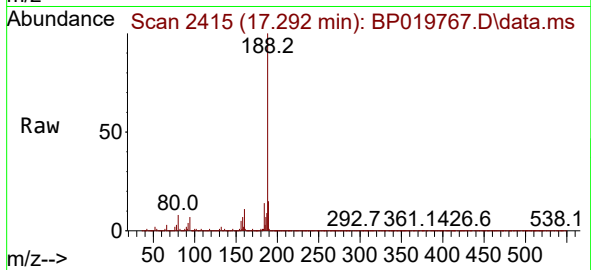
Tgt Ion:188 Resp: 370279

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.6 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

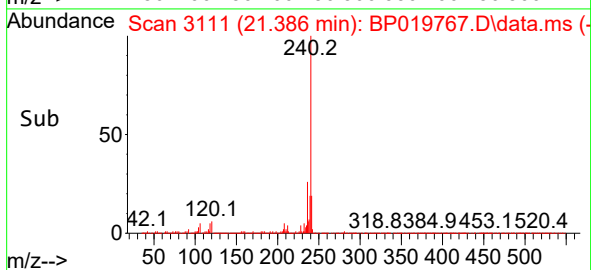
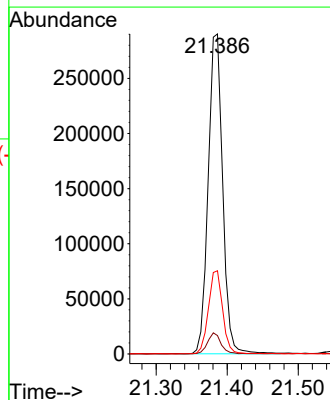
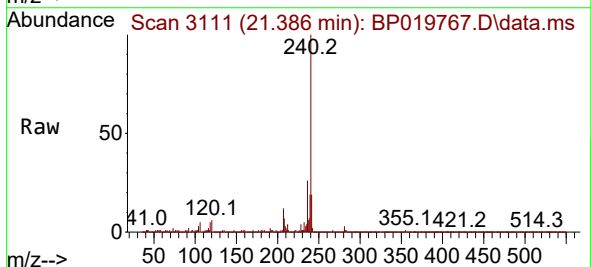
Tgt Ion:240 Resp: 412121

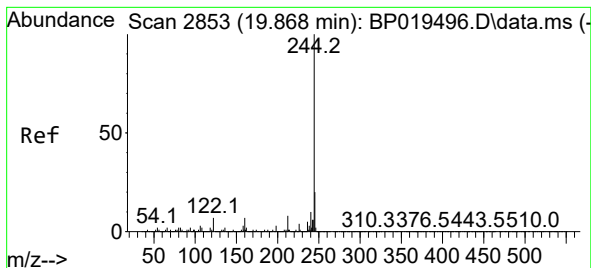
Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 96.091 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA_P

ClientSampleId :

TP-1

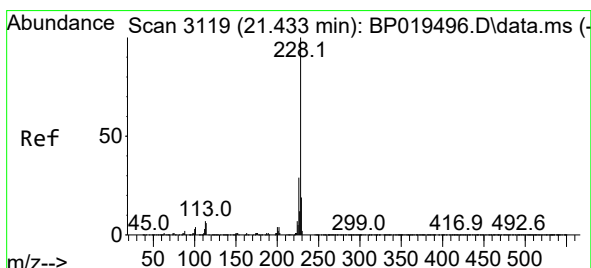
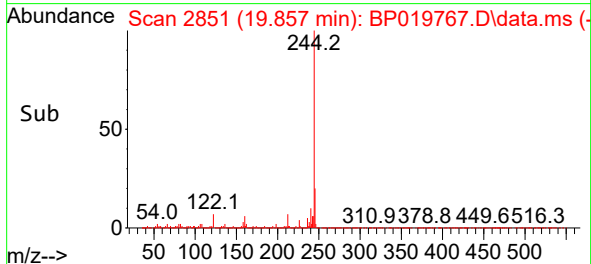
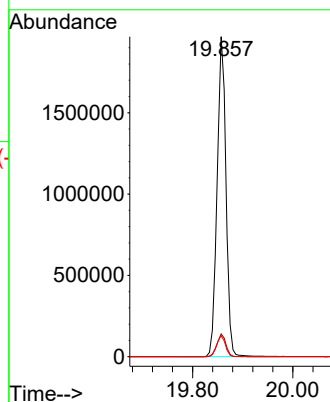
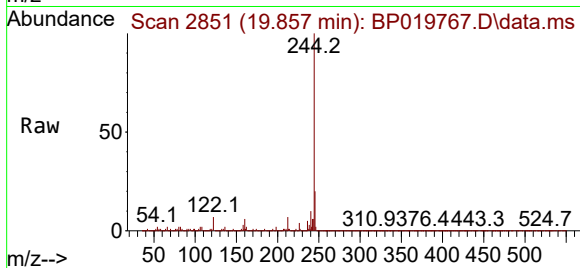
Tgt Ion:244 Resp: 2408032

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#83

Chrysene

Concen: 2.395 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

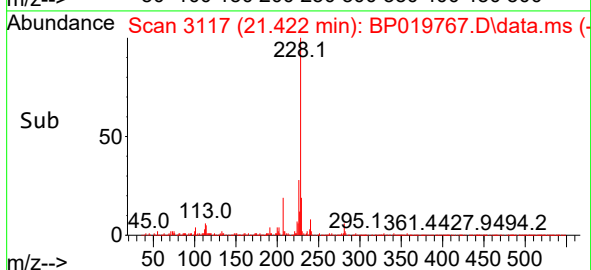
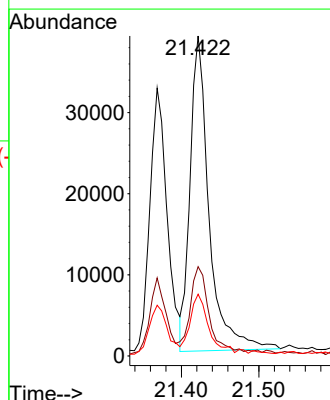
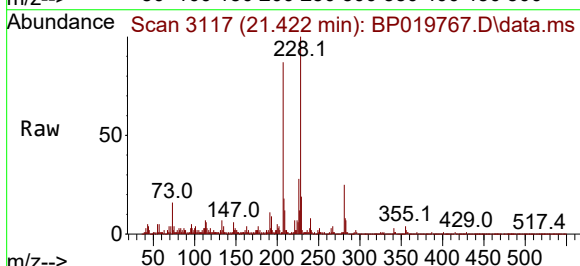
Tgt Ion:228 Resp: 65974

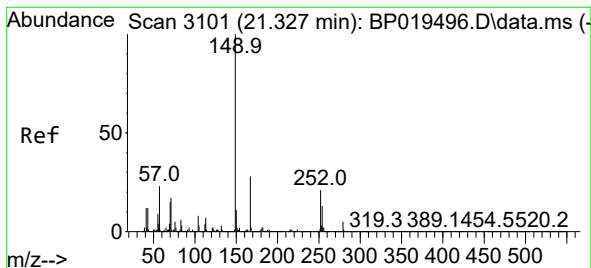
Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

229 19.3 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.148 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.023 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

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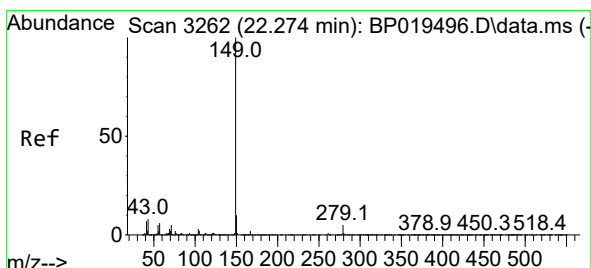
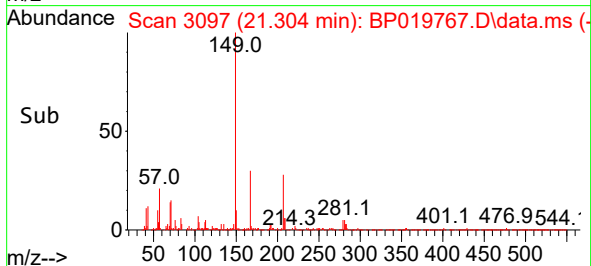
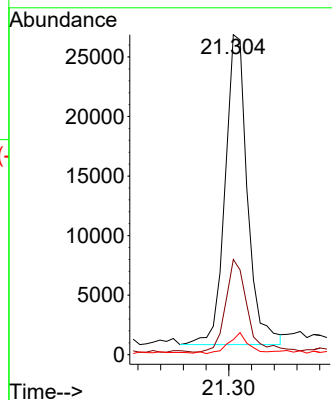
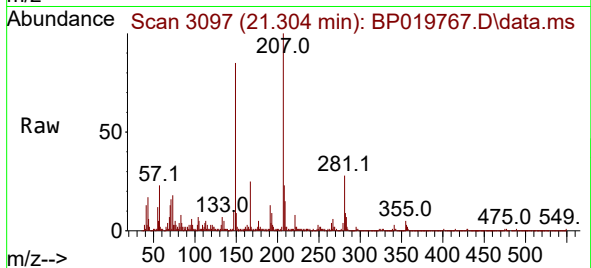
Tgt Ion:149 Resp: 35532

Ion Ratio Lower Upper

149 100

167 29.7 22.7 34.1

279 4.7 4.2 6.2



#85

Di-n-octyl phthalate

Concen: 2.066 ng

RT: 22.245 min Scan# 3257

Delta R.T. -0.029 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

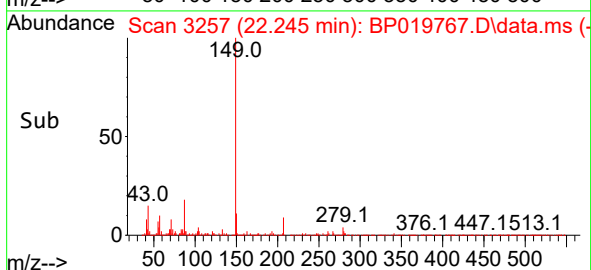
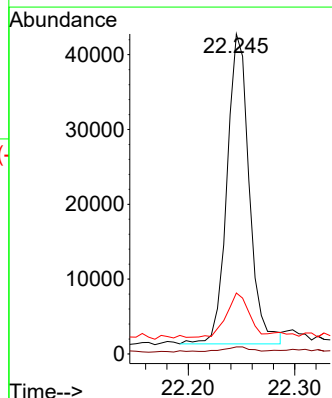
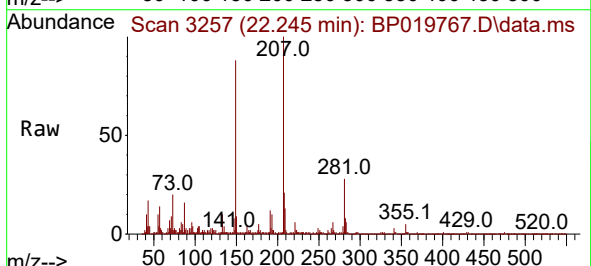
Tgt Ion:149 Resp: 60122

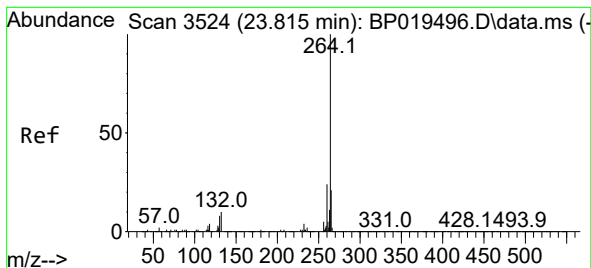
Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9#

43 14.4 6.3 9.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA_P

ClientSampleId :

TP-1

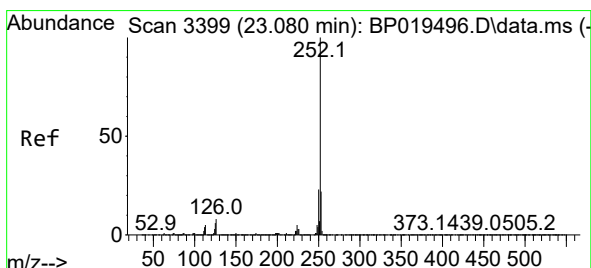
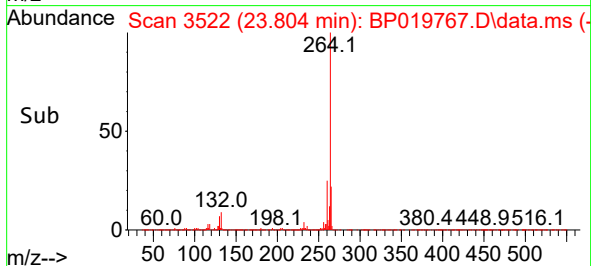
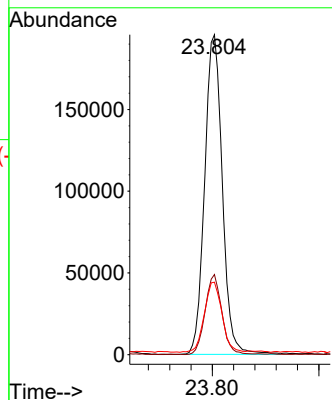
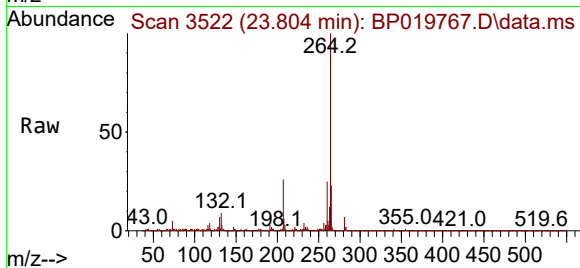
Tgt Ion:264 Resp: 449954

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.7 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.717 ng m

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

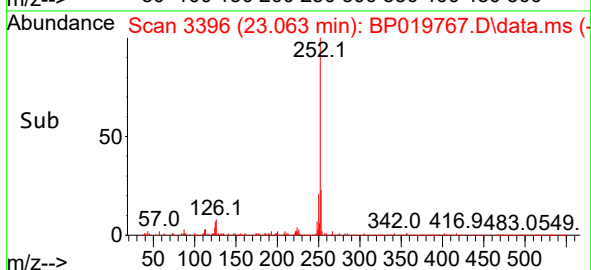
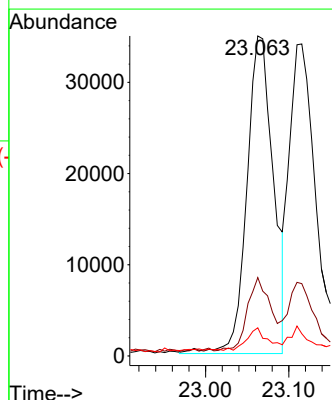
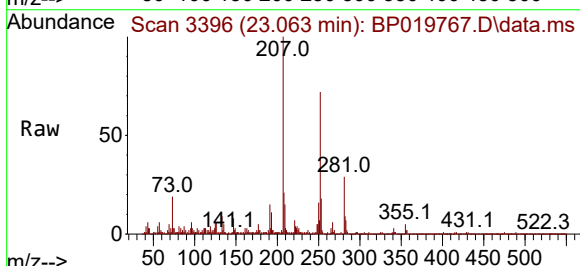
Tgt Ion:252 Resp: 77058

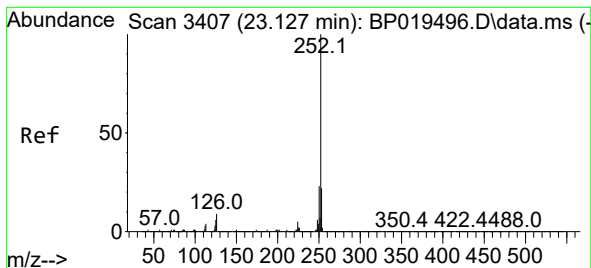
Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 8.8 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 2.740 ng

RT: 23.116 min Scan# 34

Delta R.T. -0.011 min

Lab File: BP019767.D

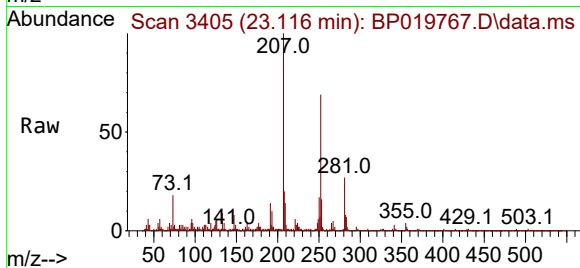
Acq: 19 Feb 2024 17:28

Instrument :

BNA_P

ClientSampleId :

TP-1



Tgt Ion:252 Resp: 74218

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 7.1 5.0 7.6

