

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009427.D
 Acq On : 16 Mar 2022 17:46
 Operator : CG/JU
 Sample : N1952-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CON-1

Quant Time: Mar 17 01:09:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

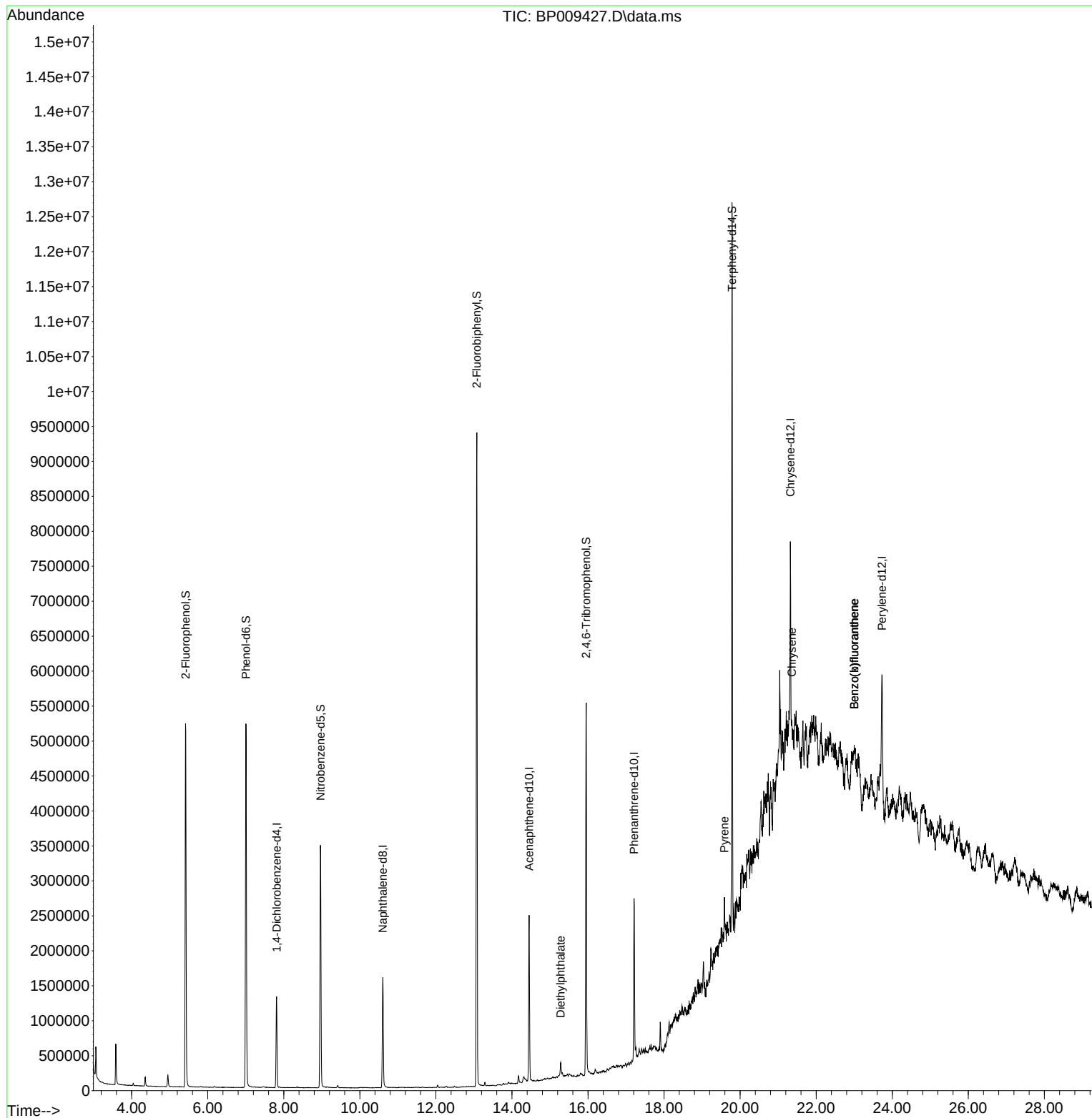
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	393393	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	1526429	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	900207	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1513516	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1249212	20.000	ng	0.00
86) Perylene-d12	23.733	264	1557645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2661683	98.762	ng	0.00
7) Phenol-d6	7.005	99	3454673	100.871	ng	0.02
23) Nitrobenzene-d5	8.964	82	2280392	82.284	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1331370	122.481	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	5425460	82.882	ng	-0.01
79) Terphenyl-d14	19.786	244	5505711	83.172	ng	-0.01
Target Compounds						
						Qvalue
60) Diethylphthalate	15.281	149	192585	2.979	ng	98
78) Pyrene	19.586	202	319353	3.786	ng	98
83) Chrysene	21.357	228	173525	2.111	ng	# 90
88) Benzo(b)fluoranthene	23.004	252	212237	2.018	ng	# 21
89) Benzo(k)fluoranthene	23.004	252	212237	2.112	ng	# 19

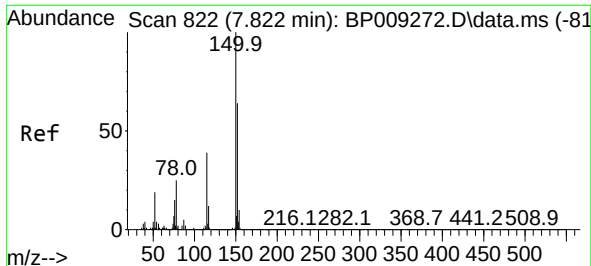
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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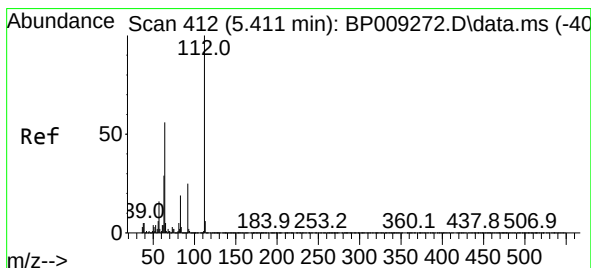
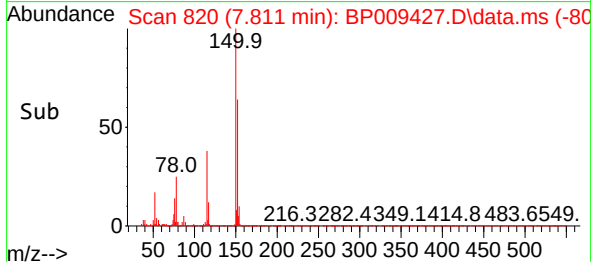
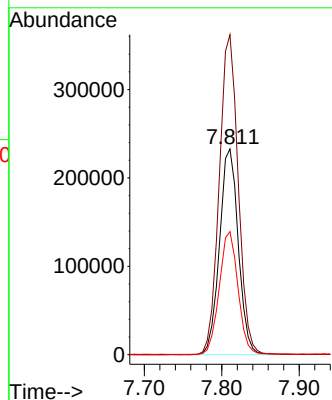
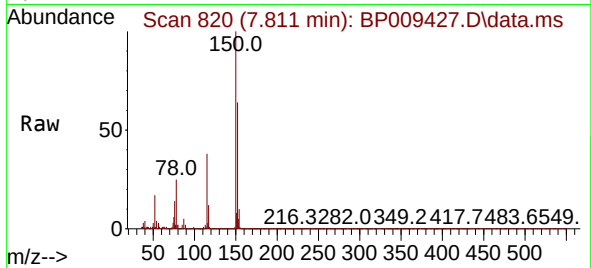




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

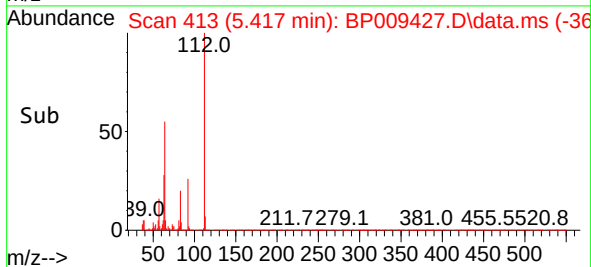
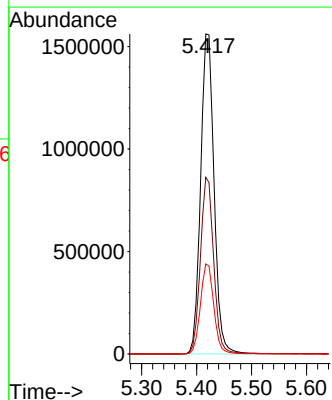
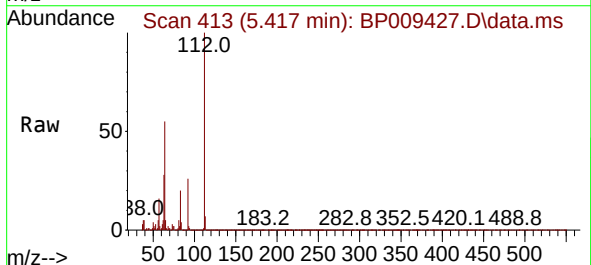
Instrument :
BNA_P
ClientSampleId :
CON-1

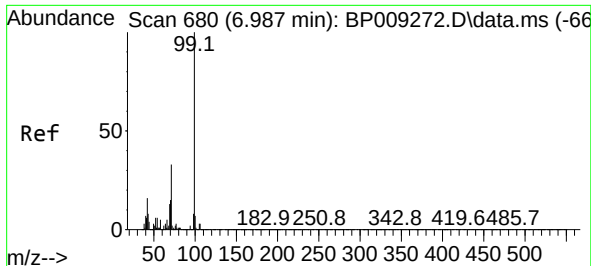
Tgt Ion:152 Resp: 393393
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 59.8 48.2 72.4



#5
2-Fluorophenol
Concen: 98.762 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

Tgt Ion:112 Resp: 2661683
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 28.1 23.0 34.6

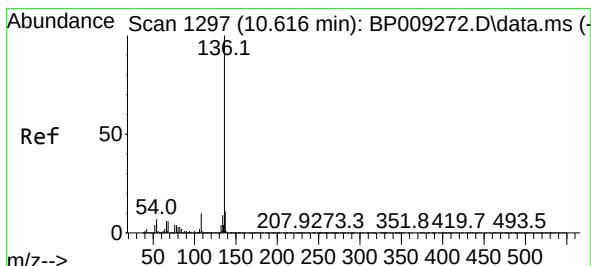
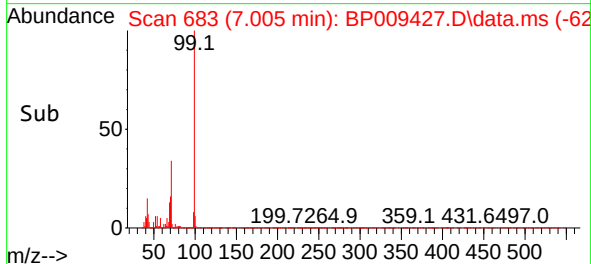
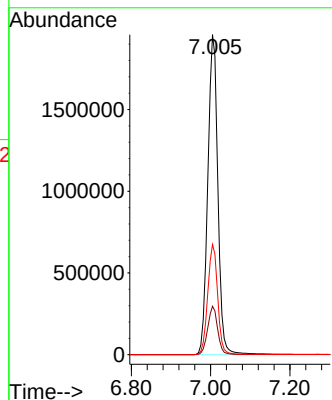
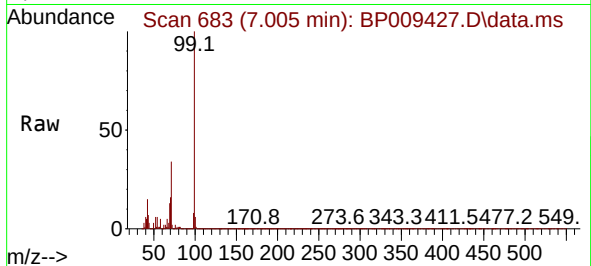




#7
Phenol-d6
Concen: 100.871 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

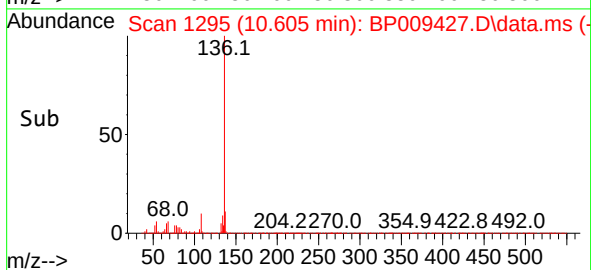
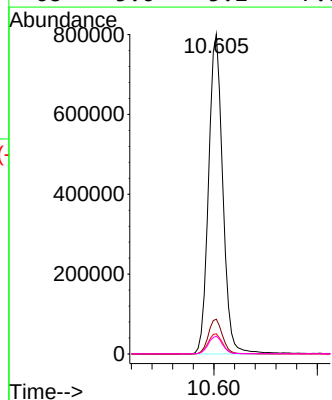
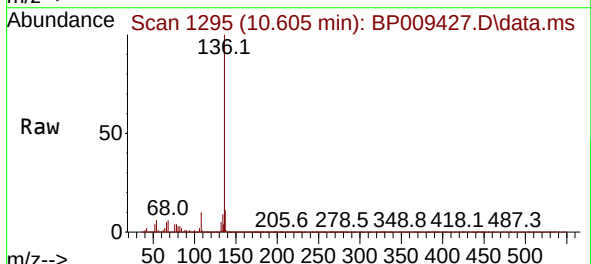
Instrument :
BNA_P
ClientSampleId :
CON-1

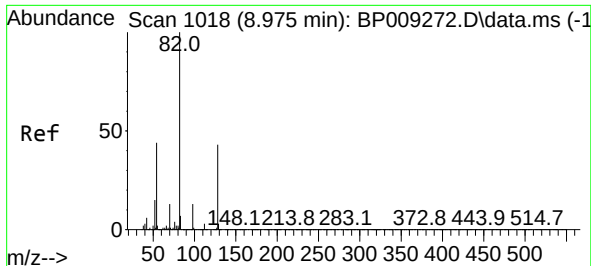
Tgt Ion: 99 Resp: 3454673
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 34.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

Tgt Ion: 136 Resp: 1526429
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.3 5.8 8.8
68 5.6 5.2 7.8

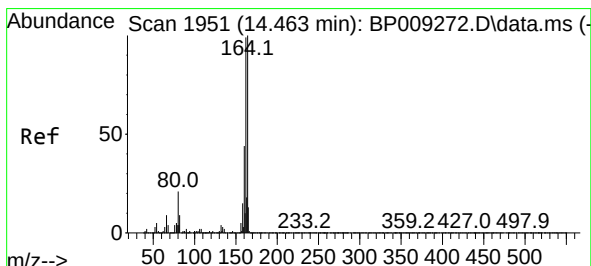
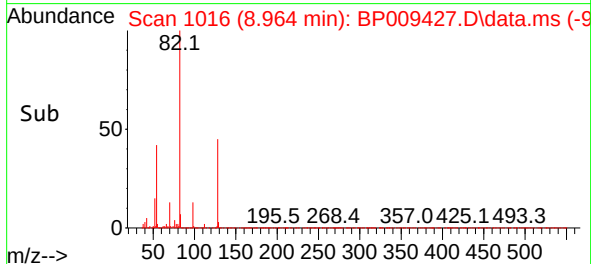
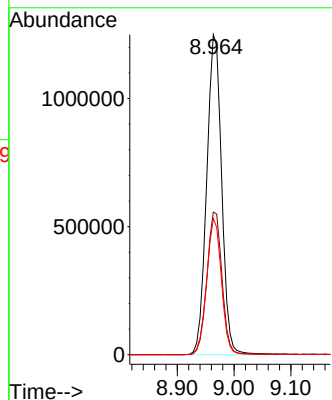
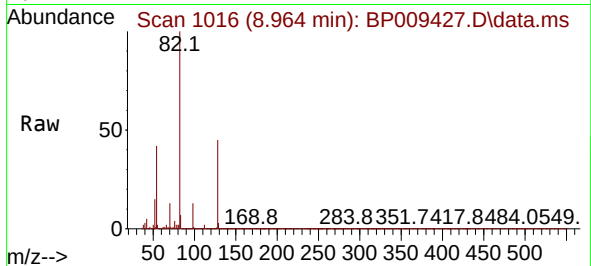




#23
Nitrobenzene-d5
Concen: 82.284 ng
RT: 8.964 min Scan# 1016
Delta R.T. -0.011 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

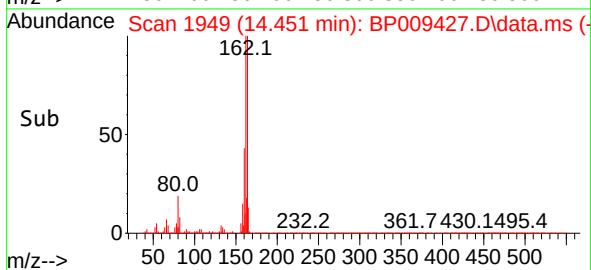
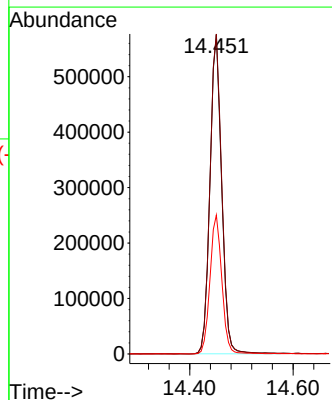
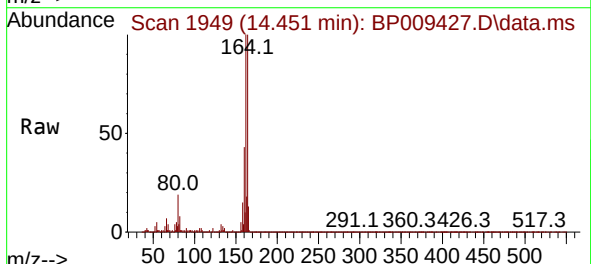
Instrument :
BNA_P
ClientSampleId :
CON-1

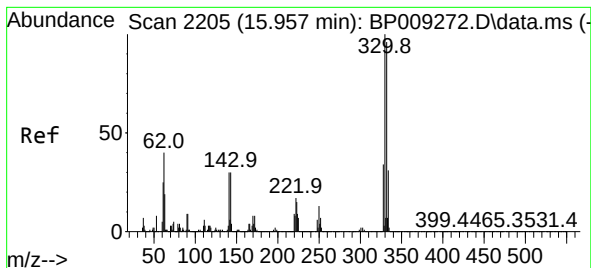
Tgt Ion: 82 Resp: 2280392
Ion Ratio Lower Upper
82 100
128 44.5 34.2 51.4
54 42.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

Tgt Ion:164 Resp: 900207
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 43.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 122.481 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

Instrument :

BNA_P

ClientSampleId :

CON-1

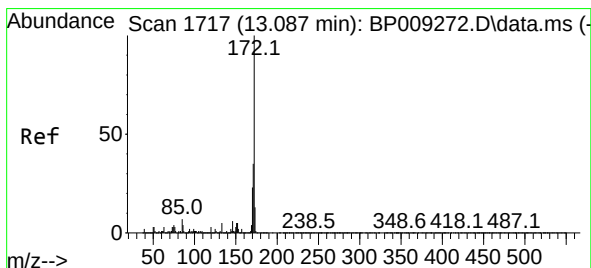
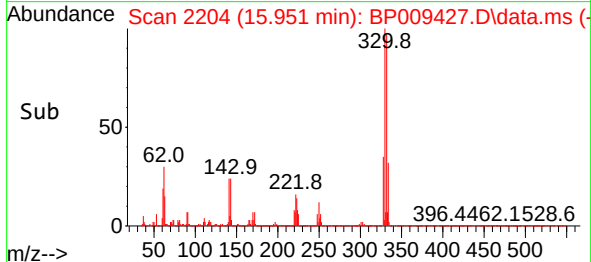
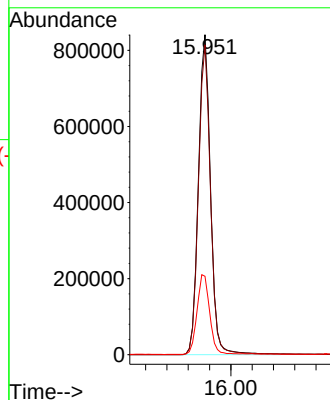
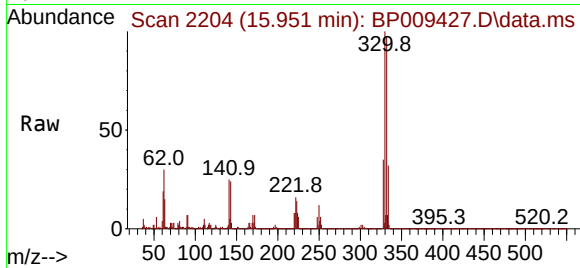
Tgt Ion:330 Resp: 1331370

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 26.0 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 82.882 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

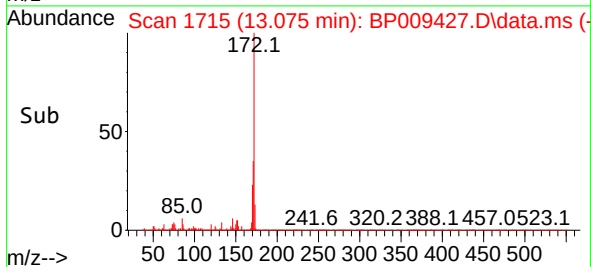
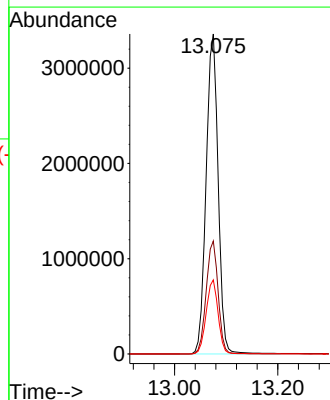
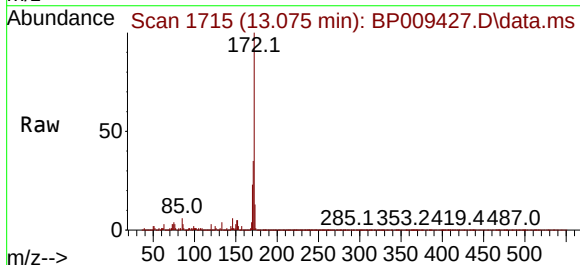
Tgt Ion:172 Resp: 5425460

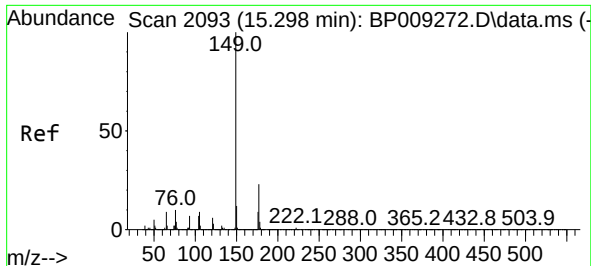
Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.2 18.6 27.8

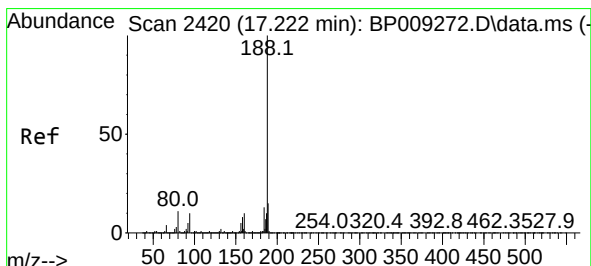
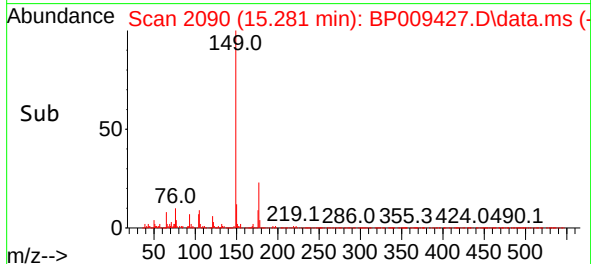
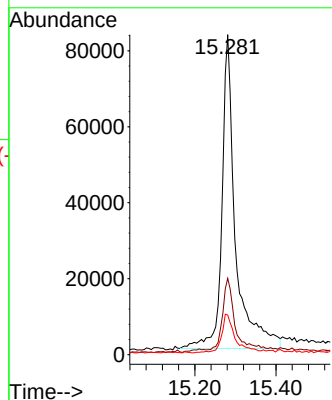
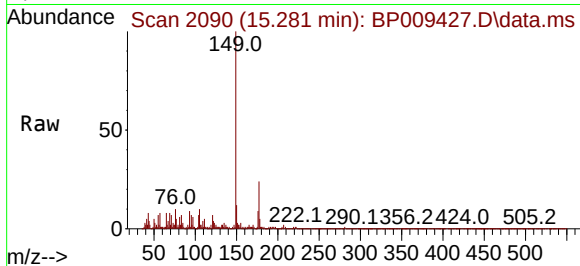




#60
Diethylphthalate
Concen: 2.979 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

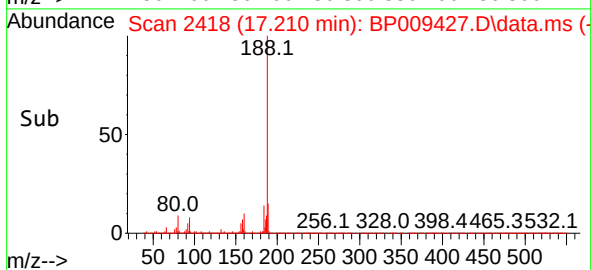
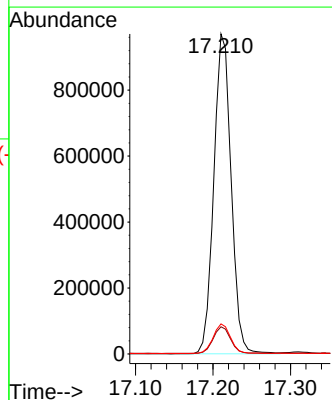
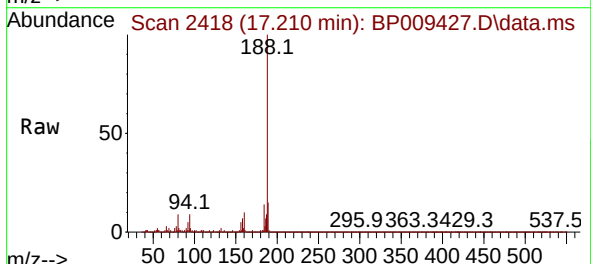
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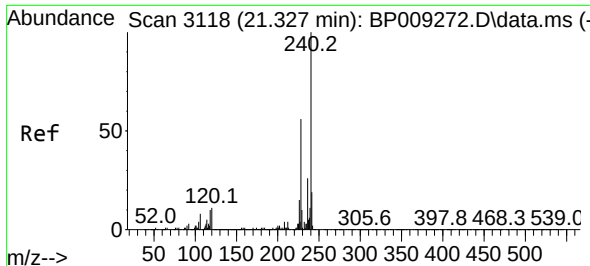
Tgt Ion:149 Resp: 192585
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 12.4 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

Tgt Ion:188 Resp: 1513516
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.4 8.8 13.2

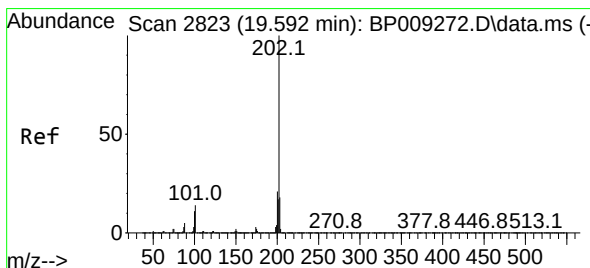
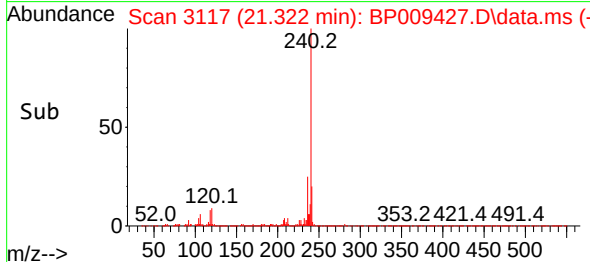
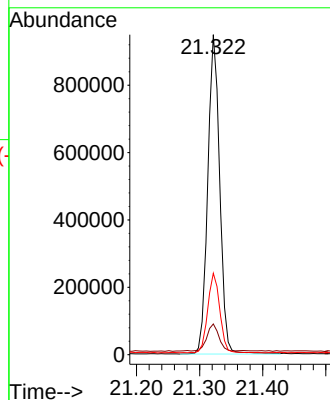
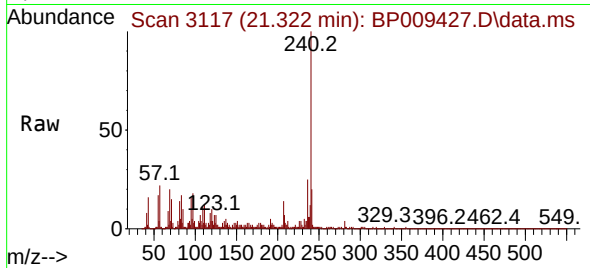




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

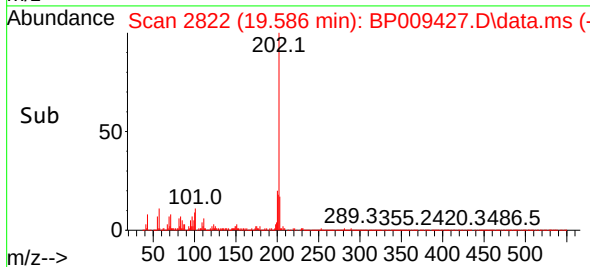
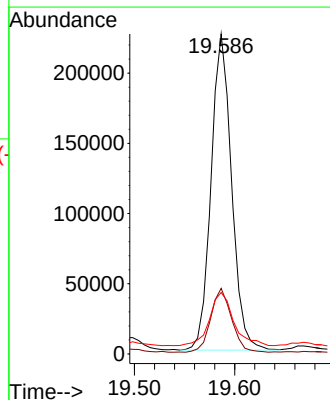
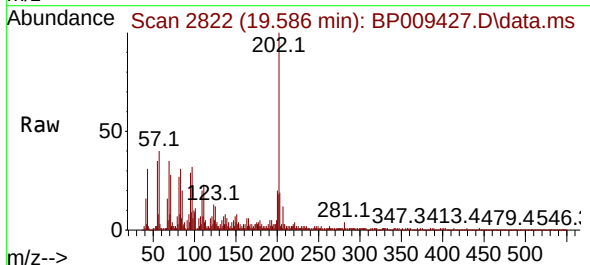
Instrument :
BNA_P
ClientSampleId :
CON-1

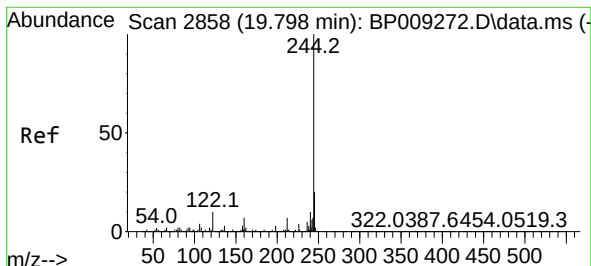
Tgt Ion:240 Resp: 1249212
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.5 20.6 30.8



#78
Pyrene
Concen: 3.786 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009427.D
Acq: 16 Mar 2022 17:46

Tgt Ion:202 Resp: 319353
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 19.2 14.2 21.4





#79

Terphenyl-d14

Concen: 83.172 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

Instrument :

BNA_P

ClientSampleId :

CON-1

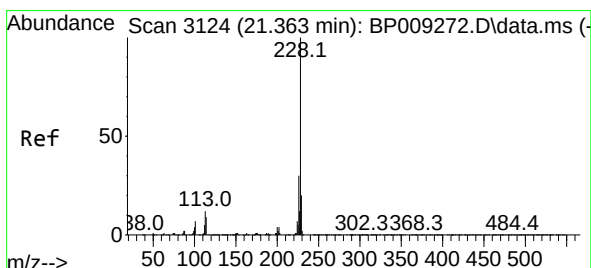
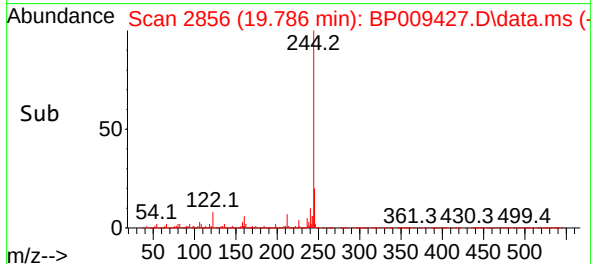
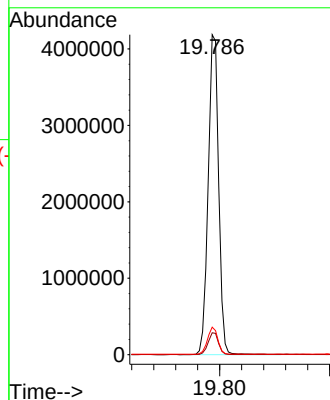
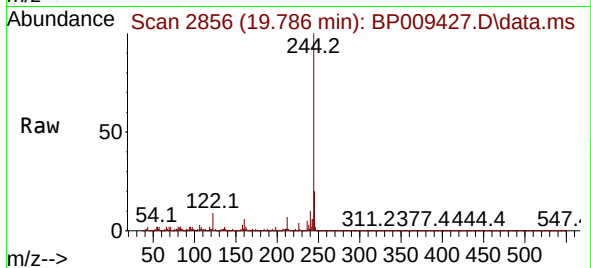
Tgt Ion:244 Resp: 5505711

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 8.6 8.3 12.5



#83

Chrysene

Concen: 2.111 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

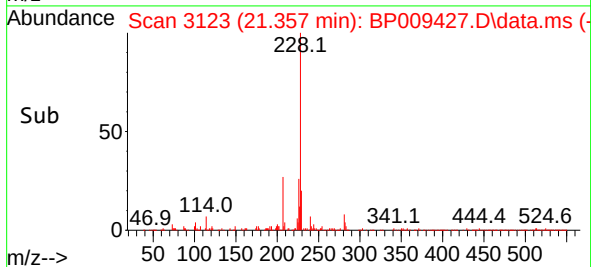
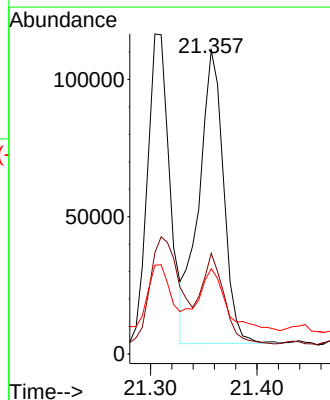
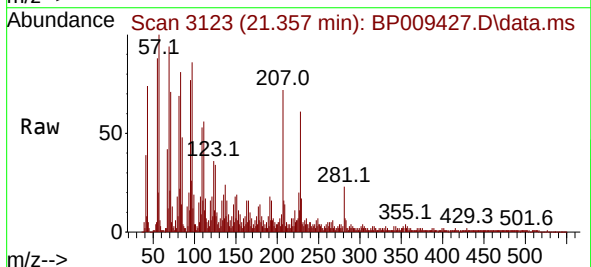
Tgt Ion:228 Resp: 173525

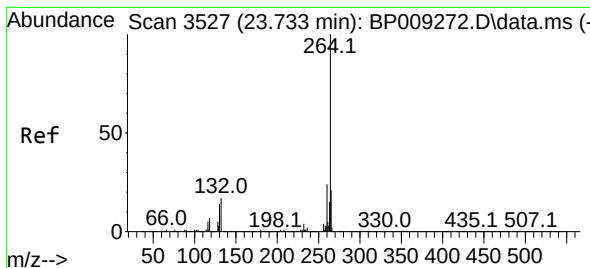
Ion Ratio Lower Upper

228 100

226 33.1 24.2 36.2

229 28.1 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

Instrument :

BNA_P

ClientSampleId :

CON-1

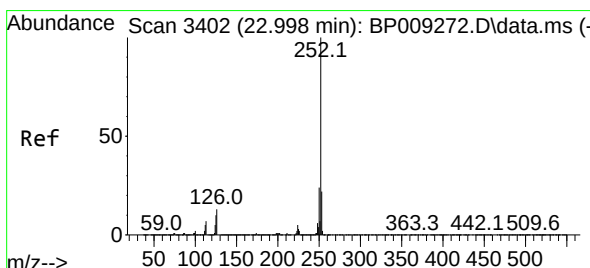
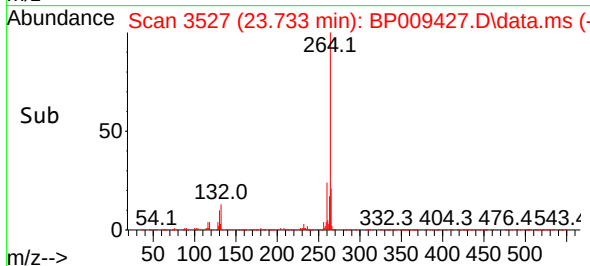
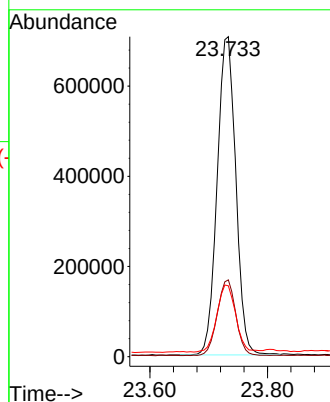
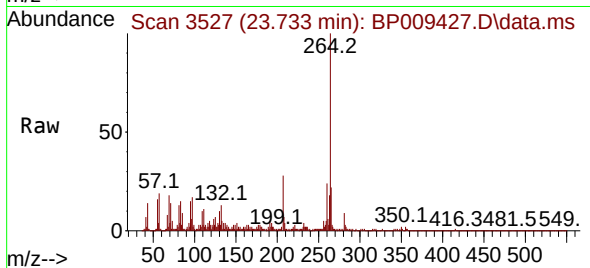
Tgt Ion:264 Resp: 1557645

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.1 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.018 ng

RT: 23.004 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BP009427.D

Acq: 16 Mar 2022 17:46

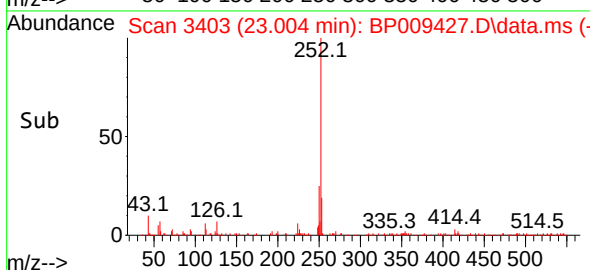
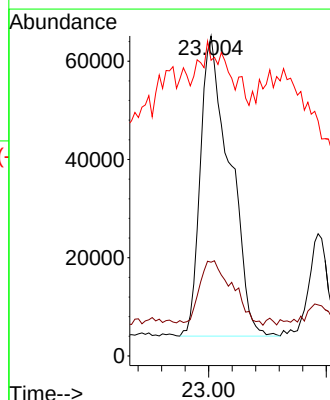
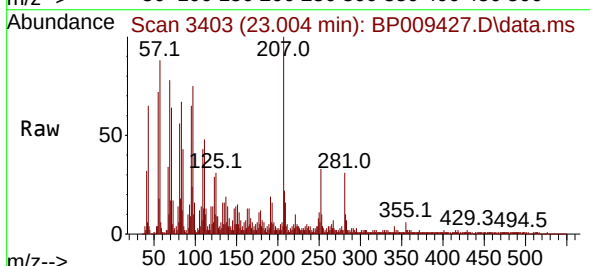
Tgt Ion:252 Resp: 212237

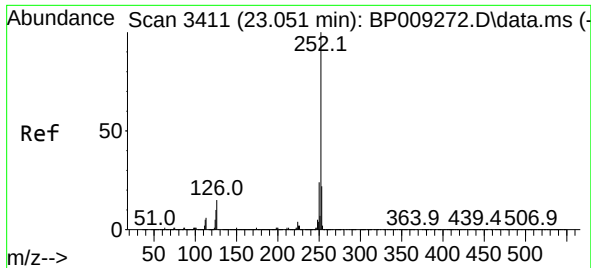
Ion Ratio Lower Upper

252 100

253 29.3 17.8 26.8#

125 92.4 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.112 ng

RT: 23.004 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP009427.D

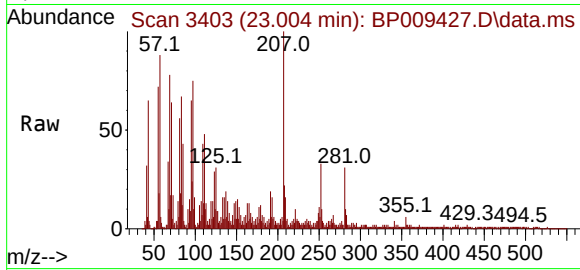
Acq: 16 Mar 2022 17:46

Instrument :

BNA_P

ClientSampleId :

CON-1



Tgt Ion:252 Resp: 212237

Ion Ratio Lower Upper

252 100

253 29.3 17.5 26.3#

125 92.4 8.3 12.5#

