

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009355.D
 Acq On : 10 Mar 2022 21:12
 Operator : CG/JU
 Sample : N1848-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-B2-030722-0-2

Quant Time: Mar 11 05:04:04 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)

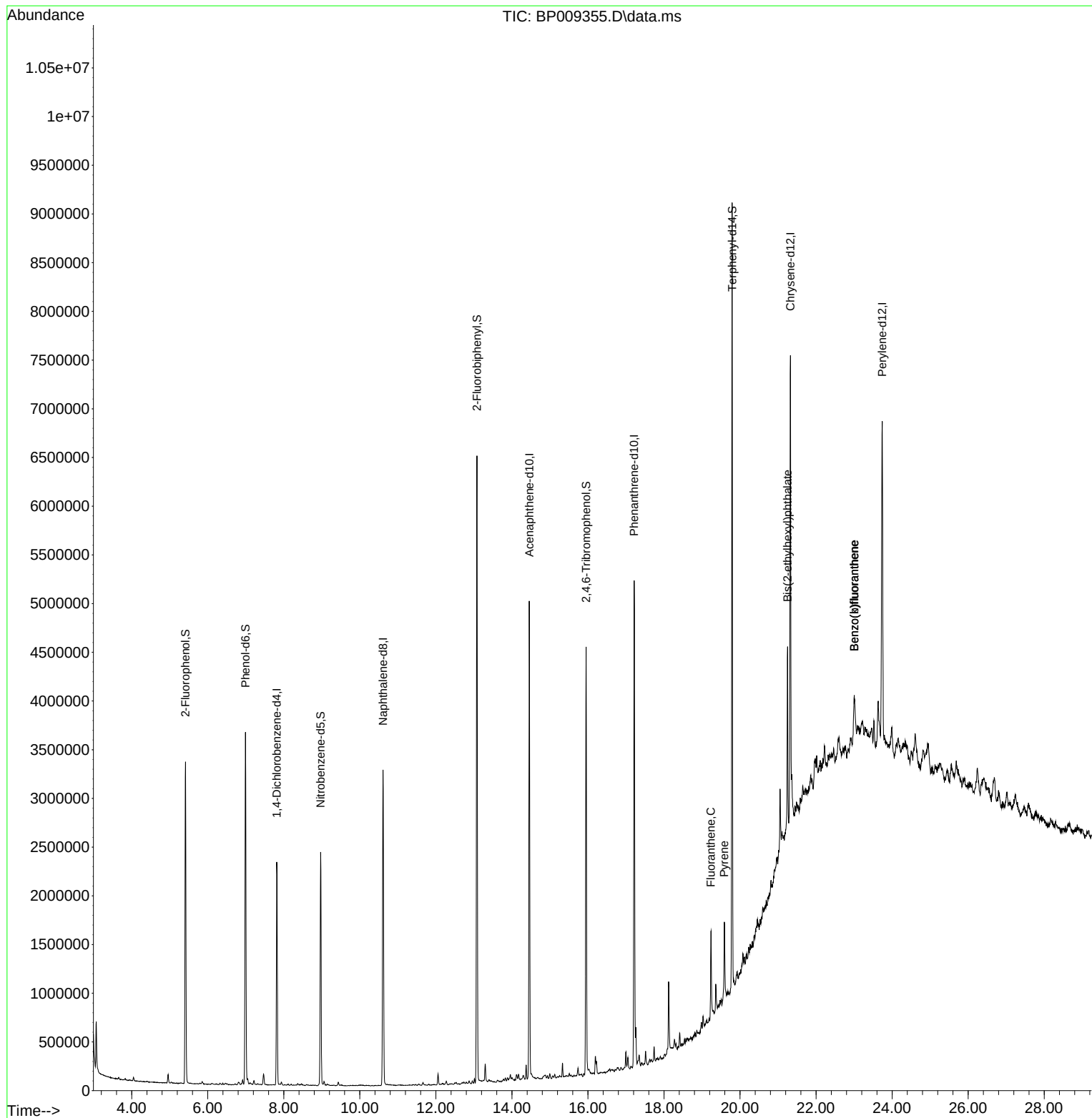
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	692902	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2943163	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1818796	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3251192	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2444694	20.000	ng	0.00
86) Perylene-d12	23.739	264	2690923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1662047	35.013	ng	0.00
7) Phenol-d6	6.993	99	2286671	37.907	ng	0.00
23) Nitrobenzene-d5	8.969	82	1513067	28.316	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	973383	44.321	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3634194	27.478	ng	0.00
79) Terphenyl-d14	19.792	244	4133883	31.911	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.233	202	498138	2.310	ng	98
78) Pyrene	19.586	202	471742	2.858	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	705727	7.406	ng	# 99
88) Benzo(b)fluoranthene	23.004	252	401640	2.211	ng	# 75
89) Benzo(k)fluoranthene	23.004	252	401640	2.314	ng	# 75

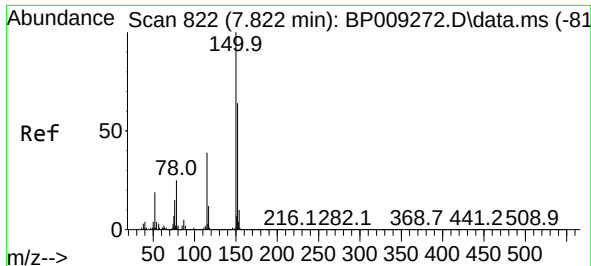
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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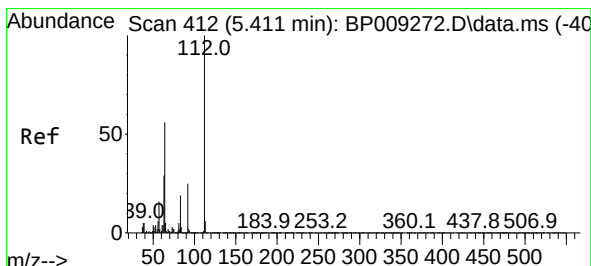
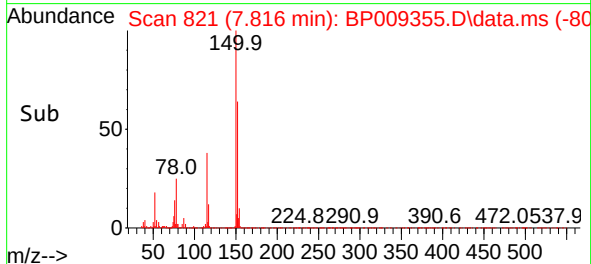
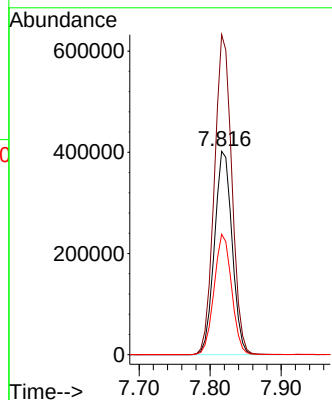
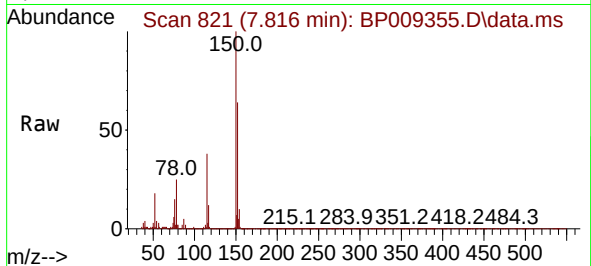




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

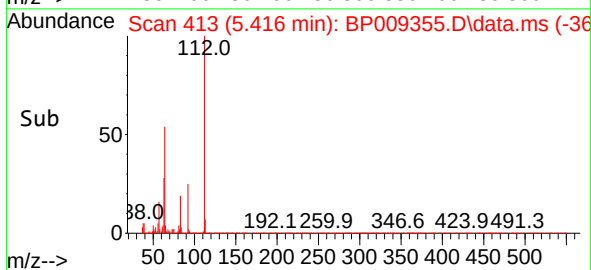
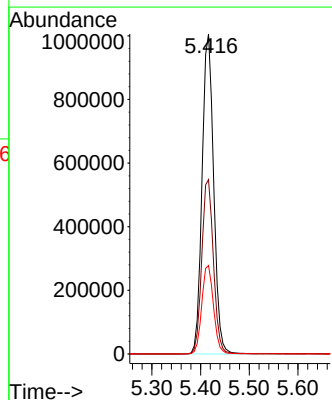
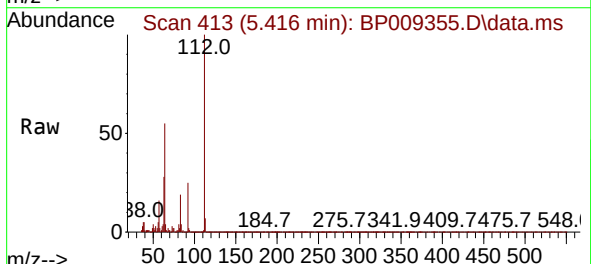
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

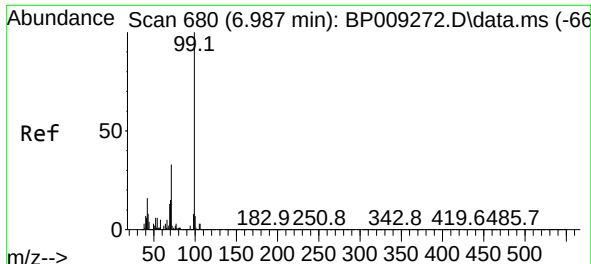
Tgt Ion:152 Resp: 692902
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 35.013 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:112 Resp: 1662047
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 27.7 23.0 34.6

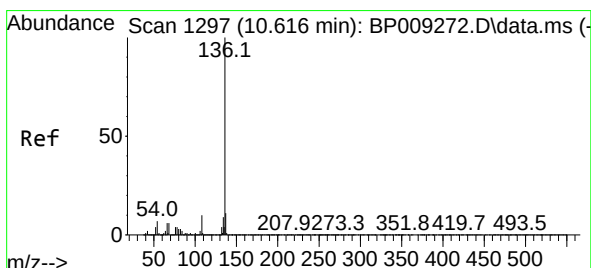
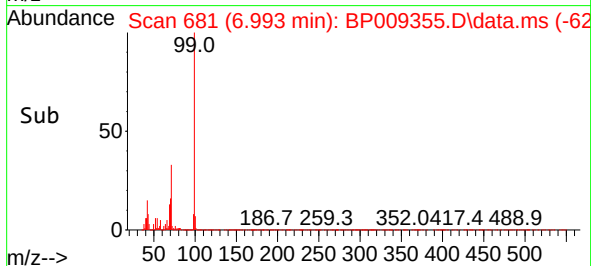
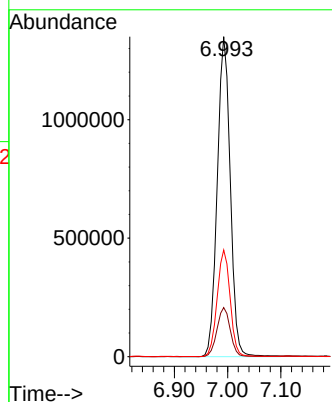
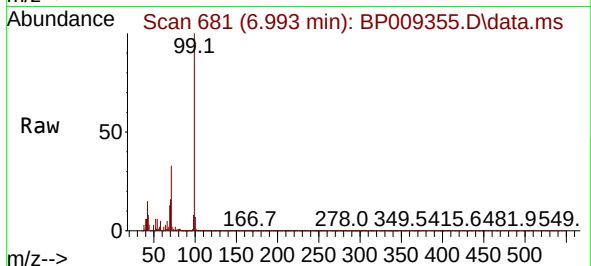




#7
Phenol-d6
Concen: 37.907 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

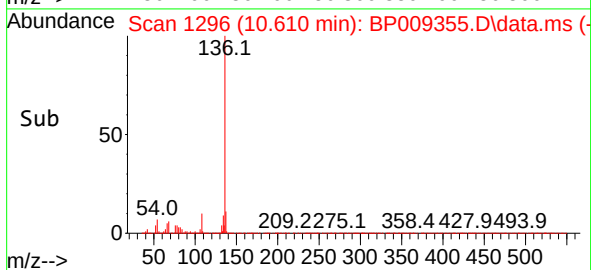
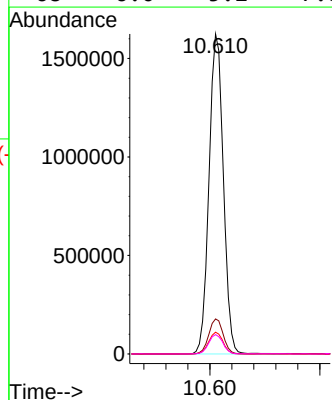
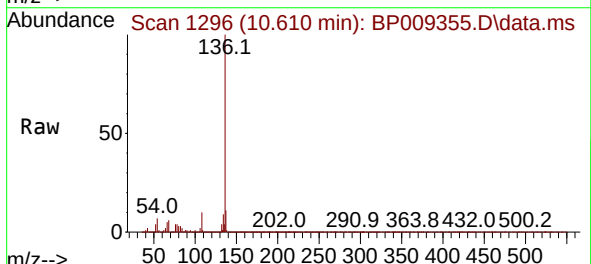
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

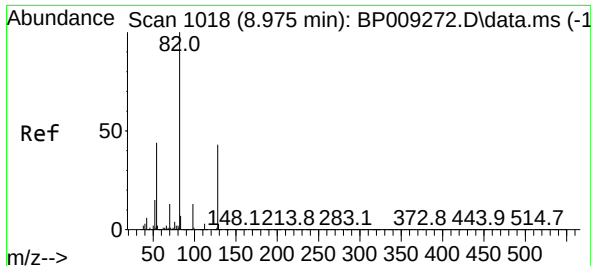
Tgt Ion: 99 Resp: 2286671
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:136 Resp: 2943163
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 5.8 8.8
68 6.0 5.2 7.8

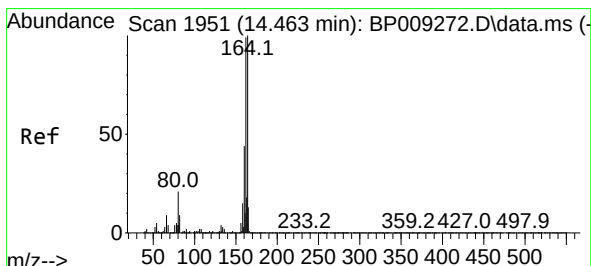
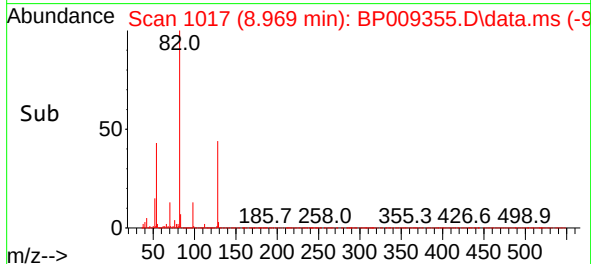
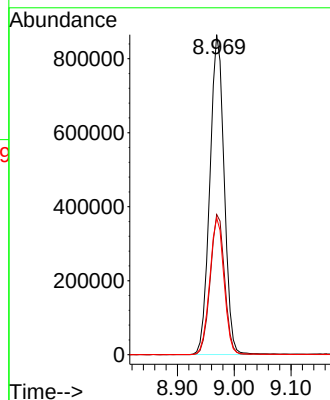
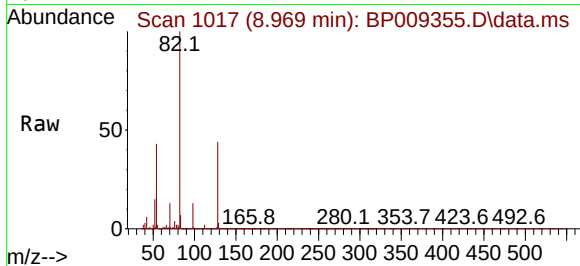




#23
Nitrobenzene-d5
Concen: 28.316 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

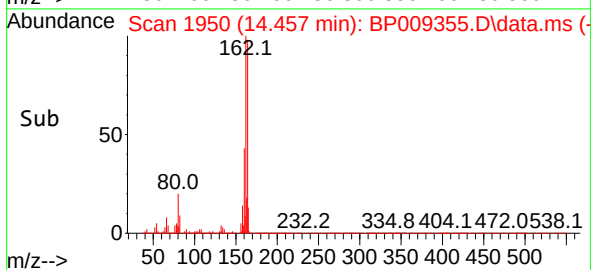
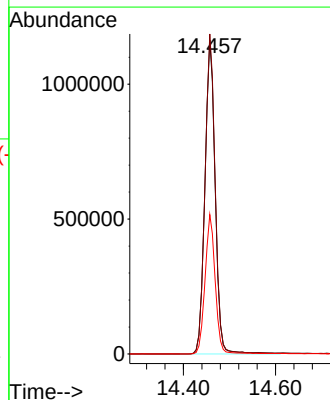
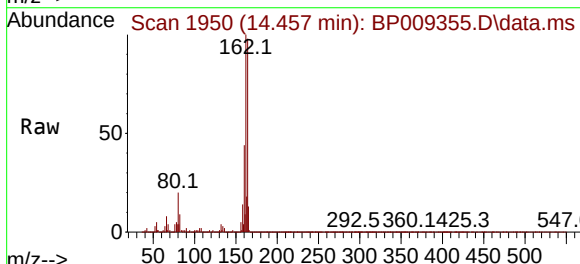
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

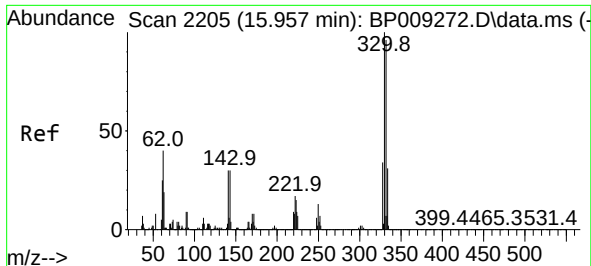
Tgt Ion: 82 Resp: 1513067
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:164 Resp: 1818796
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 44.4 34.9 52.3

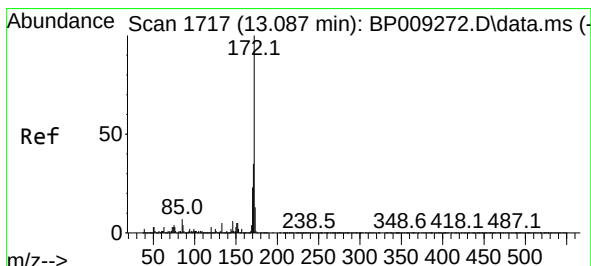
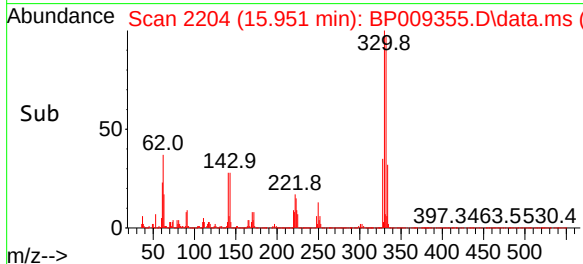
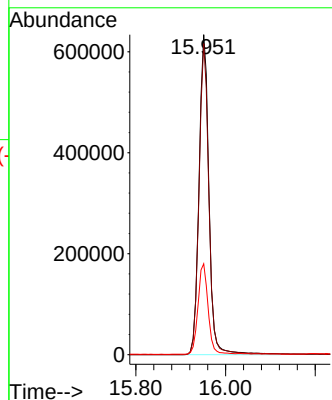
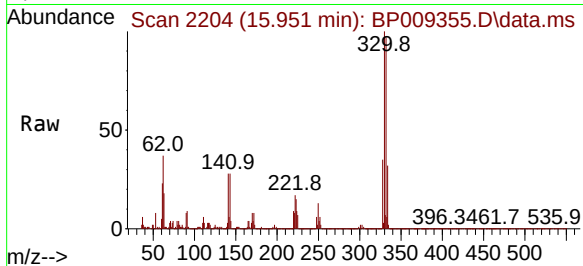




#42
2,4,6-Tribromophenol
Concen: 44.321 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

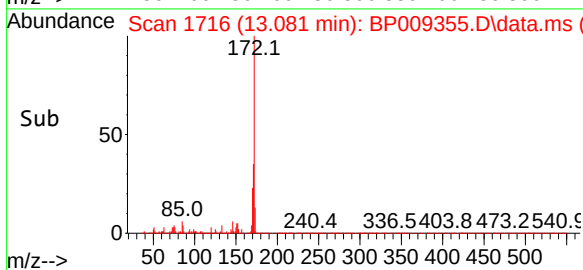
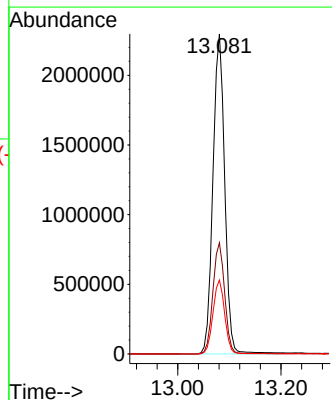
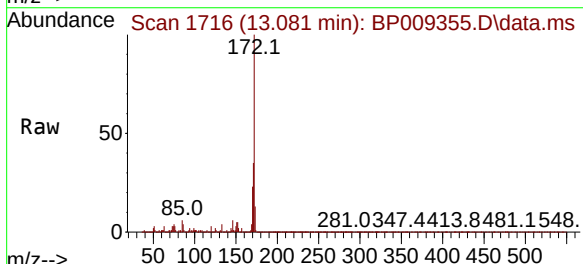
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

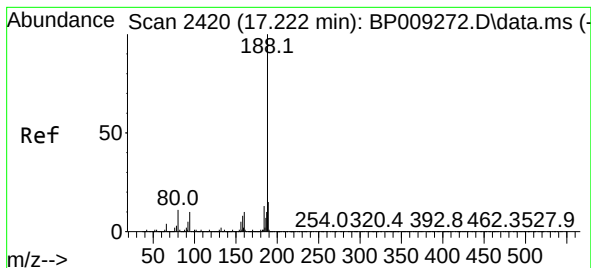
Tgt Ion: 330 Resp: 973383
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 28.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 27.478 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion: 172 Resp: 3634194
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2

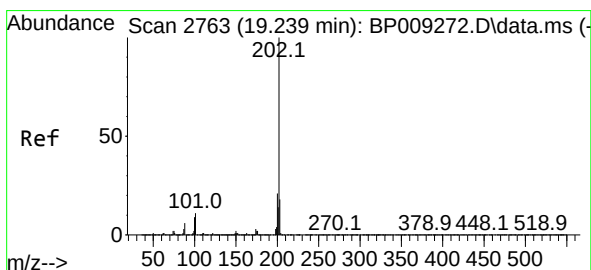
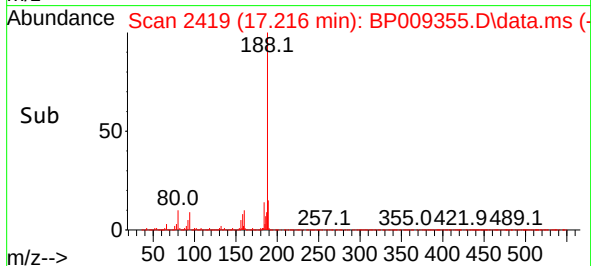
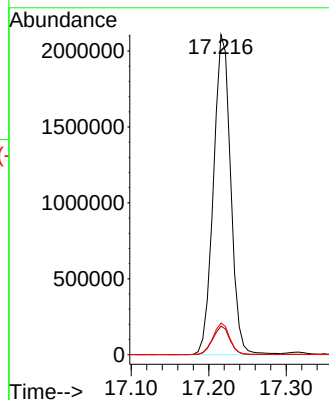
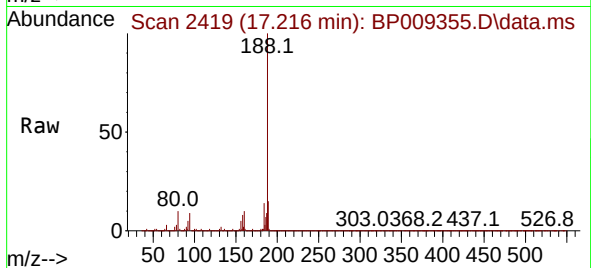
Tgt Ion:188 Resp: 3251192

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.9 8.8 13.2



#75

Fluoranthene

Concen: 2.310 ng

RT: 19.233 min Scan# 2762

Delta R.T. -0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

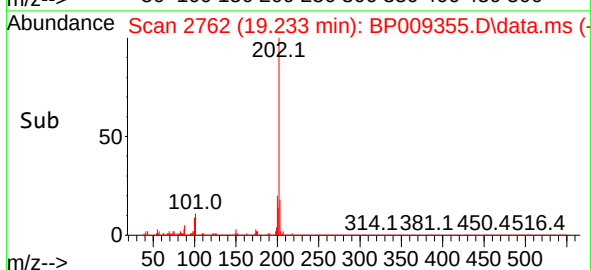
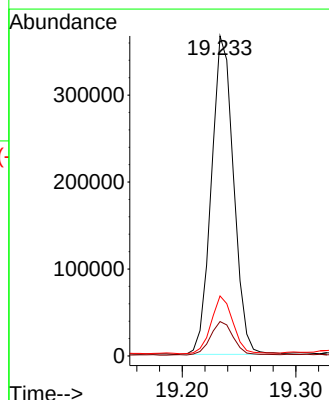
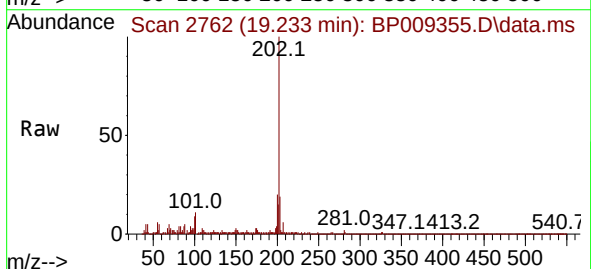
Tgt Ion:202 Resp: 498138

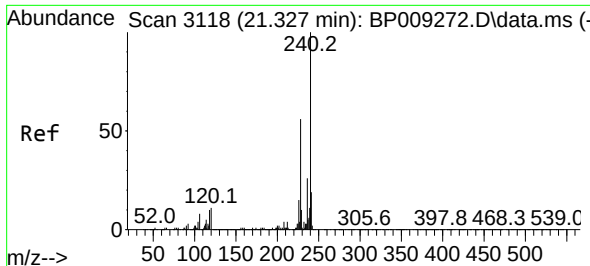
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.5

203 18.8 0.0 37.8

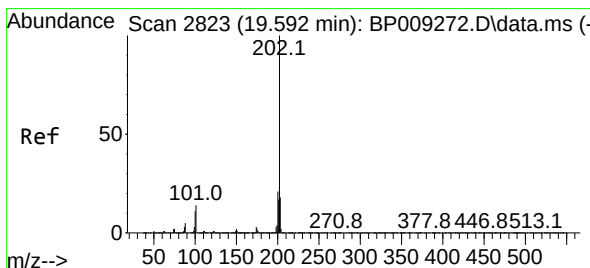
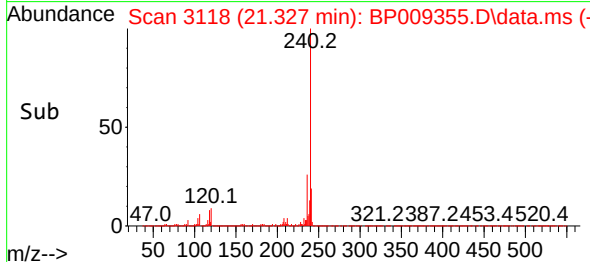
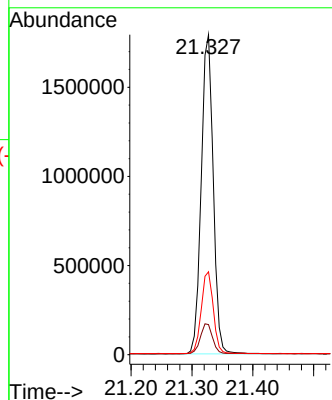
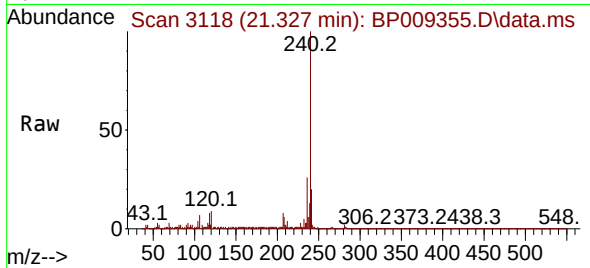




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

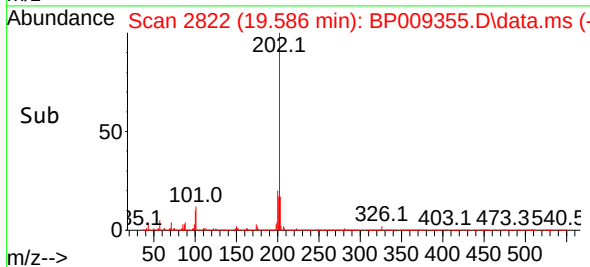
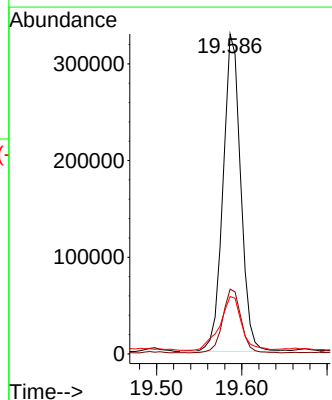
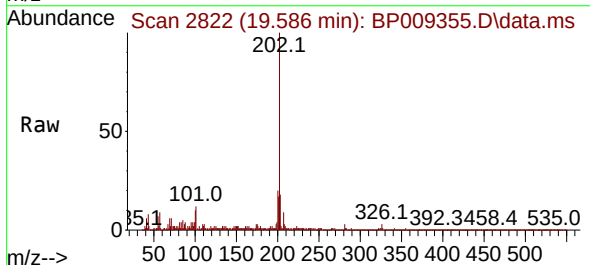
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

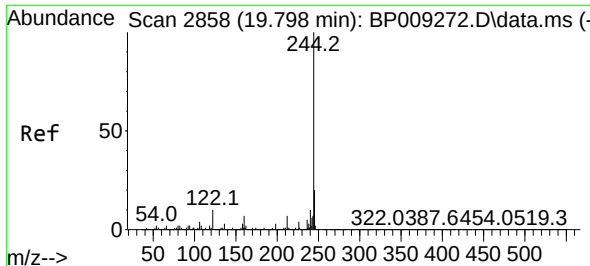
Tgt Ion:240 Resp: 2444694
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.9 20.6 30.8



#78
Pyrene
Concen: 2.858 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:202 Resp: 471742
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 18.0 14.2 21.4



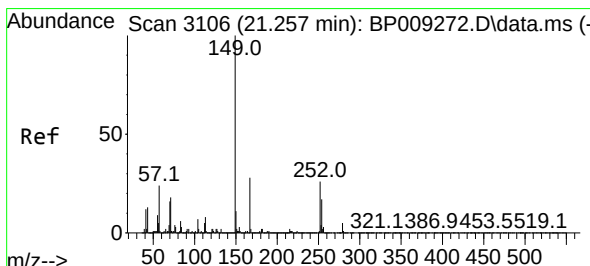
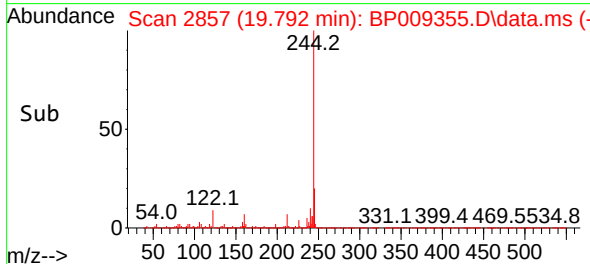
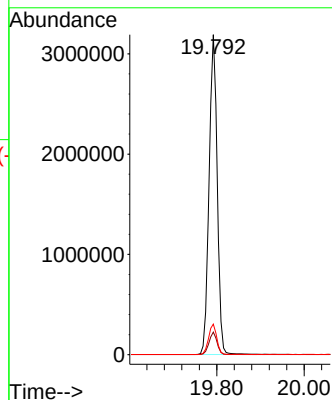
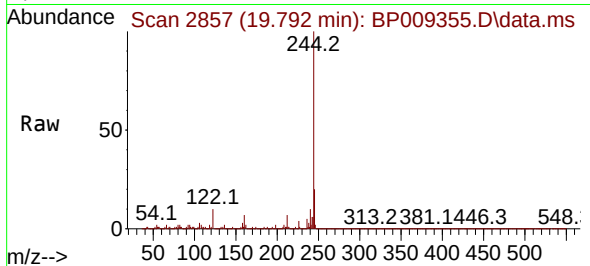


#79
 Terphenyl-d14
 Concen: 31.911 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009355.D
 Acq: 10 Mar 2022 21:12

Instrument :
 BNA_P
 ClientSampleId :
 CG-B2-030722-0-2

Tgt Ion:244 Resp: 4133883

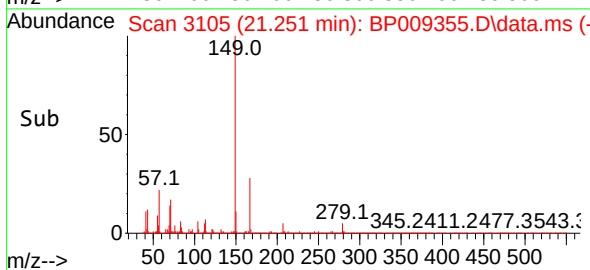
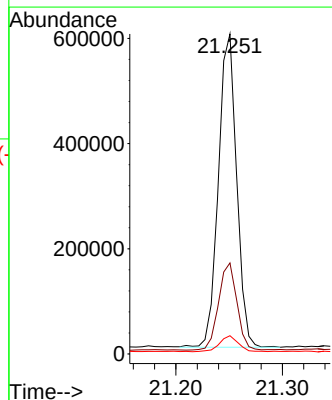
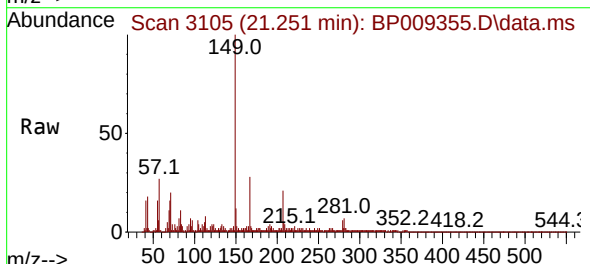
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.5	8.3	12.5

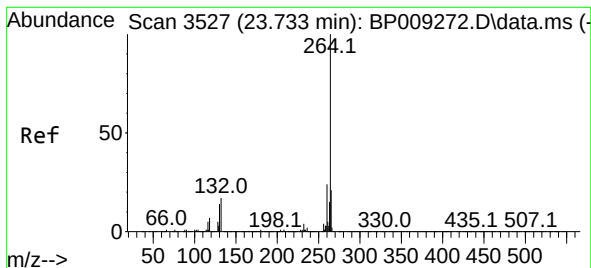


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.406 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BP009355.D
 Acq: 10 Mar 2022 21:12

Tgt Ion:149 Resp: 705727

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	33.8
279	5.7	3.8	5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2

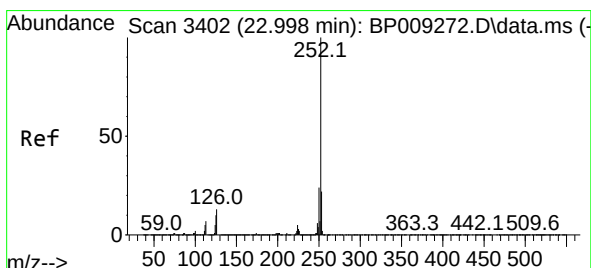
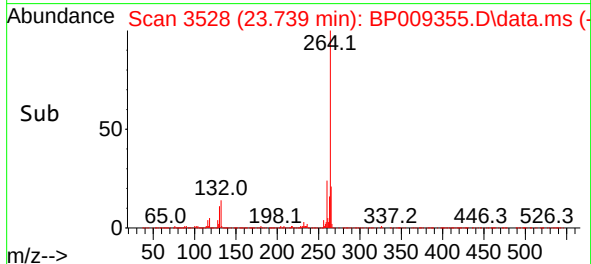
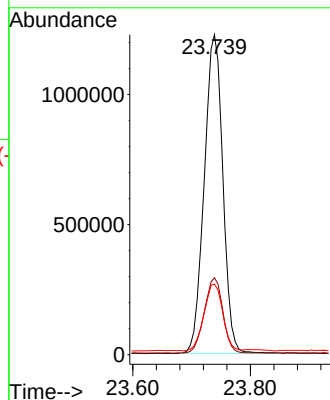
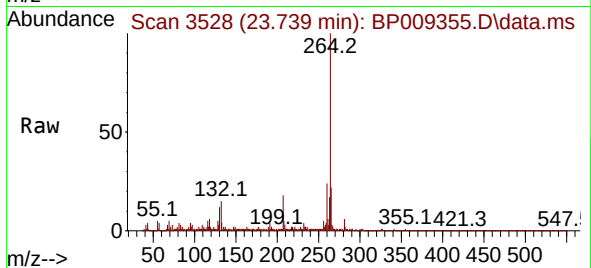
Tgt Ion:264 Resp: 2690923

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: 2.211 ng

RT: 23.004 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

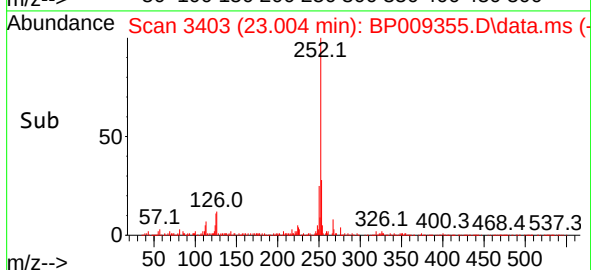
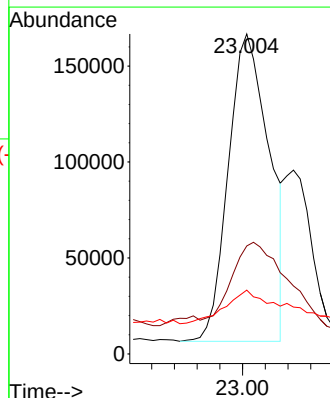
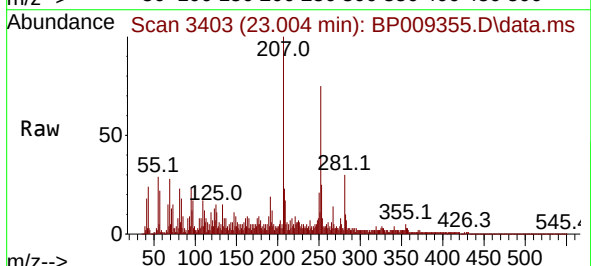
Tgt Ion:252 Resp: 401640

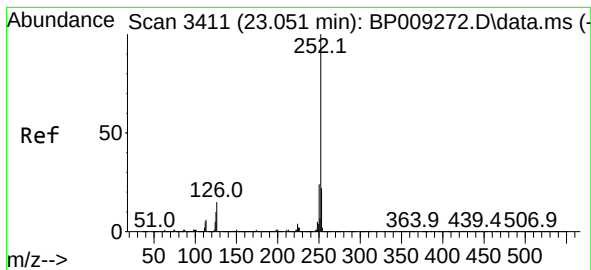
Ion Ratio Lower Upper

252 100

253 33.8 17.8 26.8#

125 20.0 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.314 ng

RT: 23.004 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP009355.D

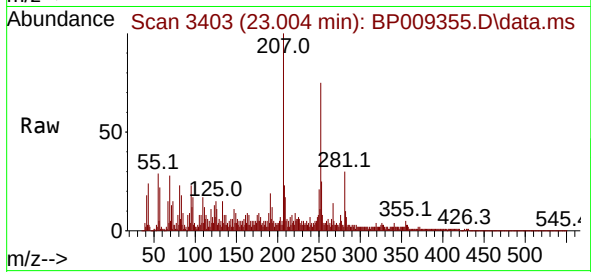
Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2



Tgt Ion:252 Resp: 401640

Ion Ratio Lower Upper

252 100

253 33.8 17.5 26.3#

125 20.0 8.3 12.5#

