

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014134.D
 Acq On : 17 Mar 2023 22:47
 Operator : CG/JU
 Sample : 01936-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-03152023

Quant Time: Mar 18 00:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

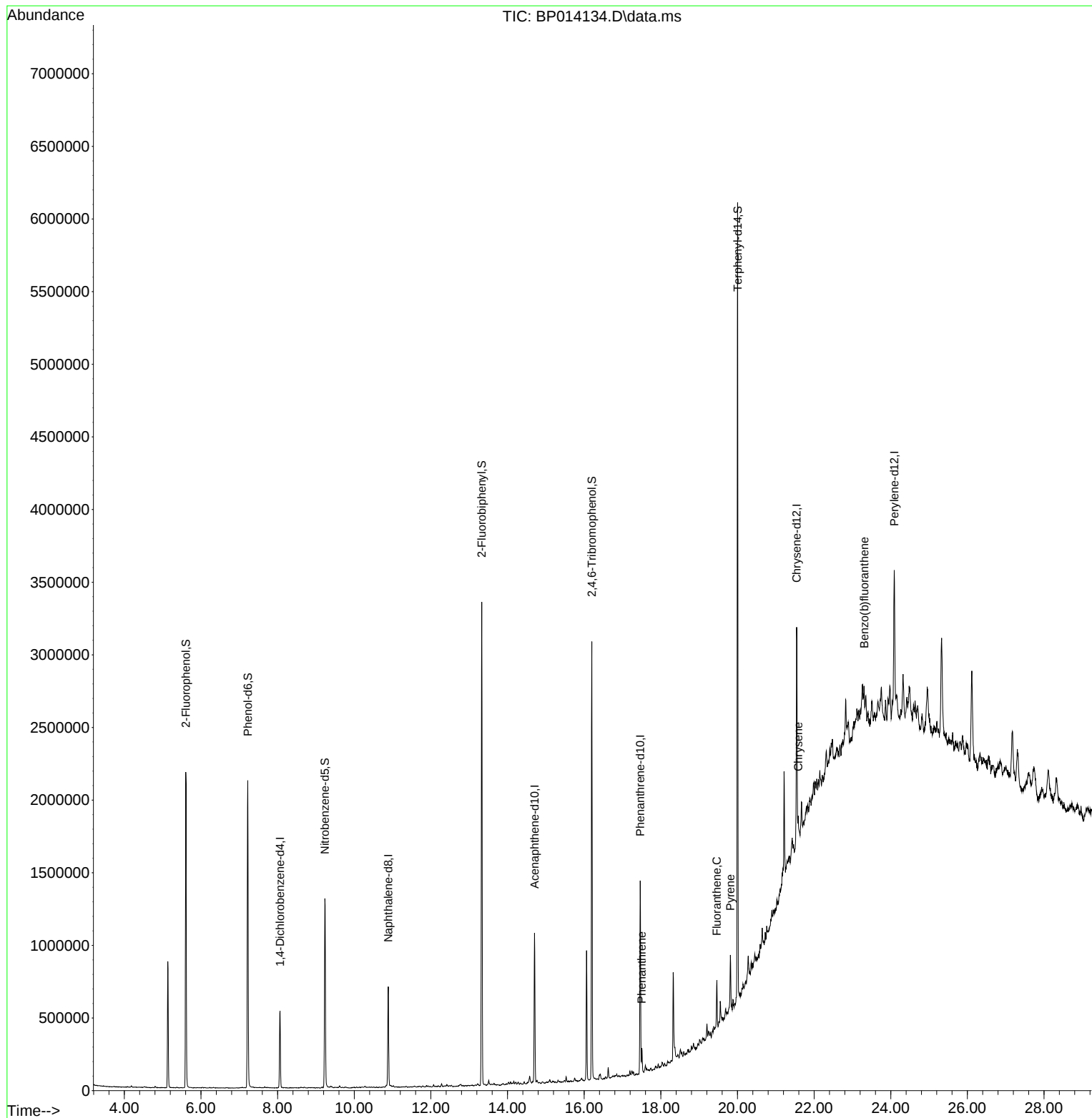
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	140235	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	539735	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	343966	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	761609	20.000	ng	0.00
76) Chrysene-d12	21.545	240	716921	20.000	ng	0.00
86) Perylene-d12	24.092	264	851449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	897332	103.772	ng	0.00
7) Phenol-d6	7.222	99	1173482	103.362	ng	0.00
23) Nitrobenzene-d5	9.234	82	777983	65.881	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	575796	103.247	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1635330	61.596	ng	0.00
79) Terphenyl-d14	20.004	244	2538991	58.398	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.504	178	95178	2.237	ng	98
75) Fluoranthene	19.463	202	182766	3.594	ng	97
78) Pyrene	19.816	202	182984	3.325	ng	98
83) Chrysene	21.586	228	104791	2.104	ng	# 82
88) Benzo(b)fluoranthene	23.310	252	119961	2.152	ng	# 46

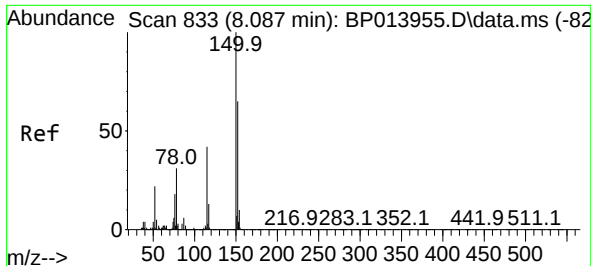
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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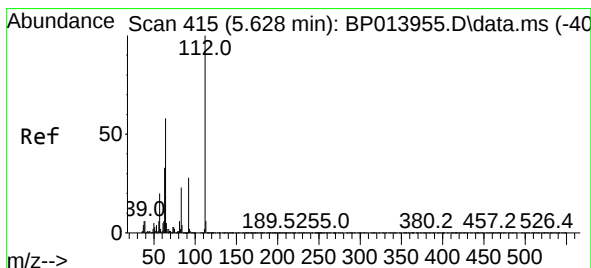
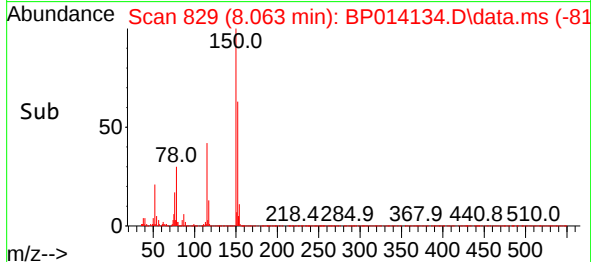
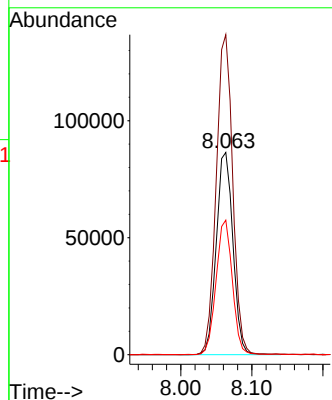
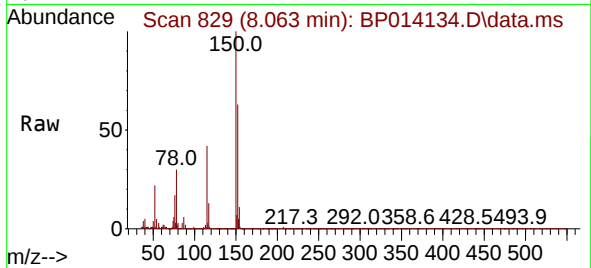




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

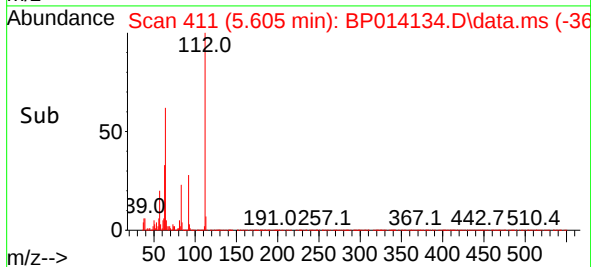
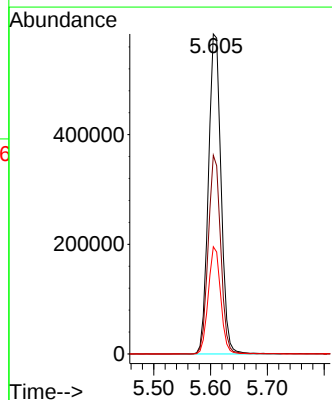
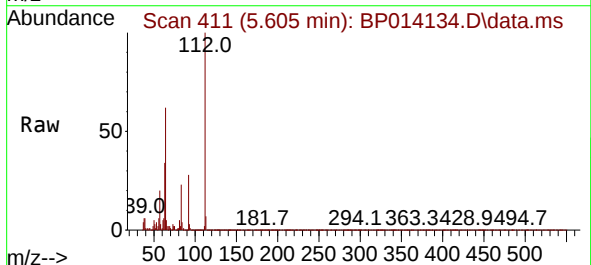
Instrument :
BNA_P
ClientSampleId :
OR-03-03152023

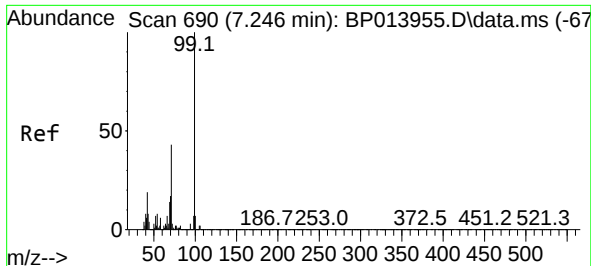
Tgt Ion:152 Resp: 140235
Ion Ratio Lower Upper
152 100
150 158.3 122.3 183.5
115 66.5 51.6 77.4



#5
2-Fluorophenol
Concen: 103.772 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Tgt Ion:112 Resp: 897332
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 33.5 26.6 40.0



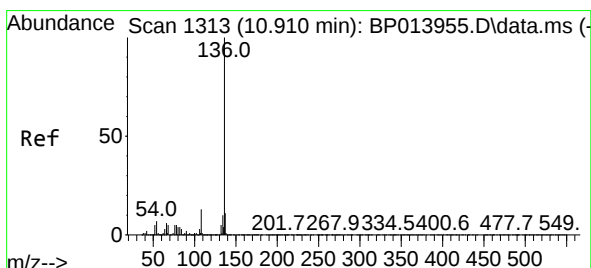
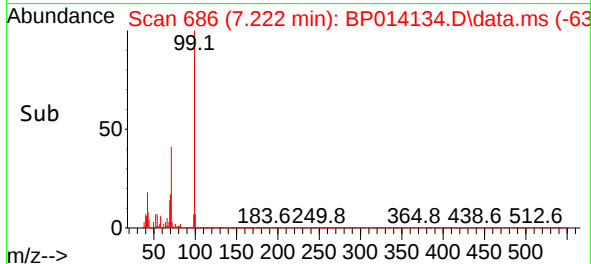
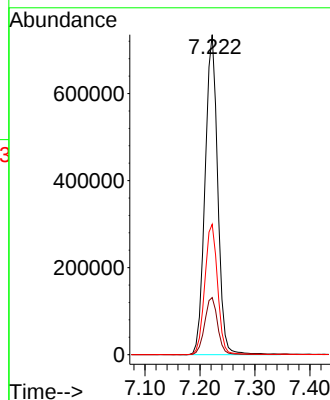
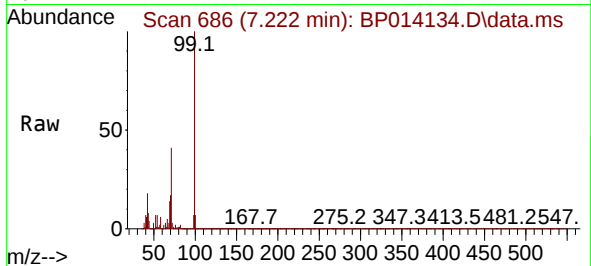


#7
Phenol-d6
Concen: 103.362 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Instrument :
BNA_P
ClientSampleId :
OR-03-03152023

Tgt Ion: 99 Resp: 1173482

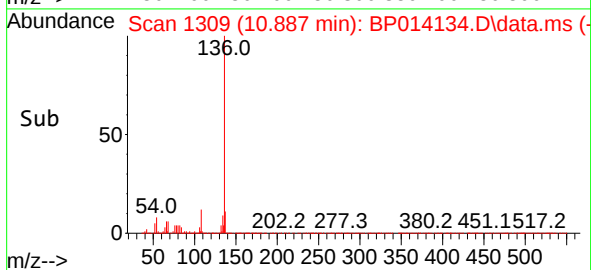
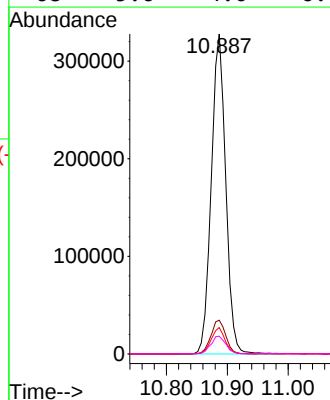
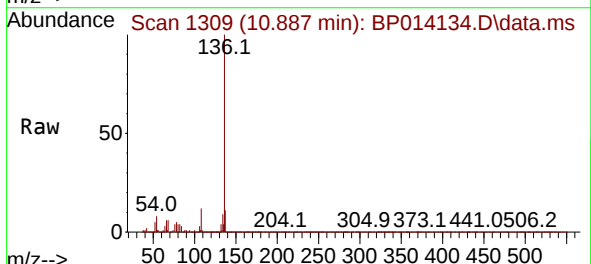
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.6
71	40.8	34.3	51.5

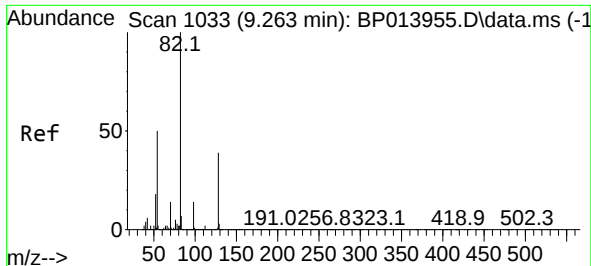


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Tgt Ion: 136 Resp: 539735

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.2	5.8	8.8
68	5.6	4.0	6.0

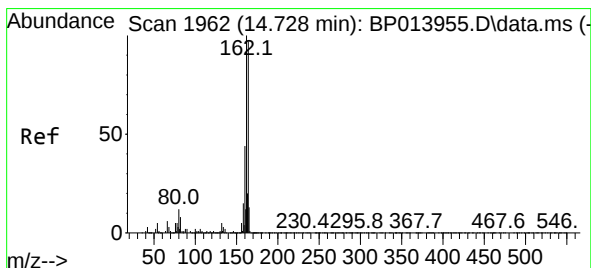
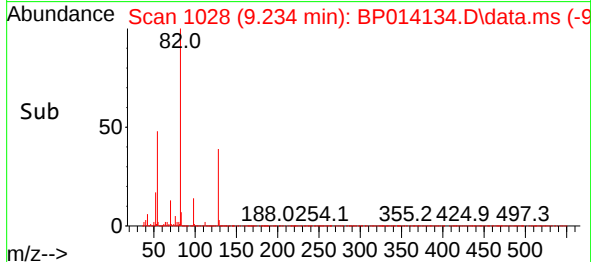
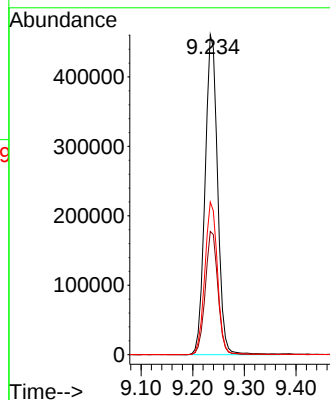
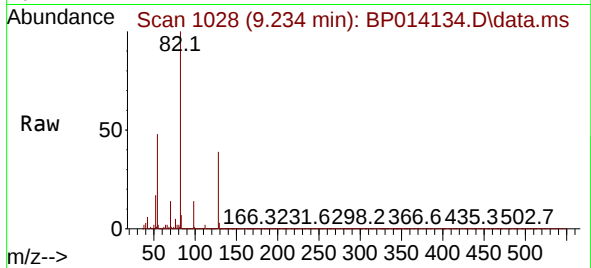




#23
Nitrobenzene-d5
Concen: 65.881 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

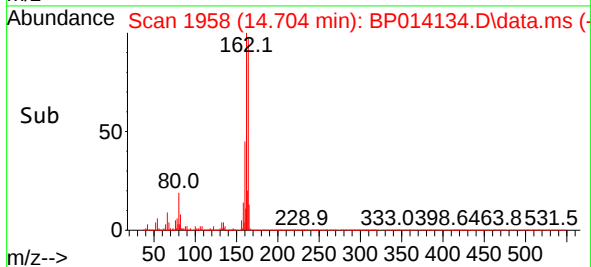
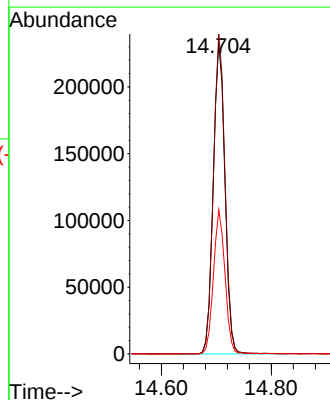
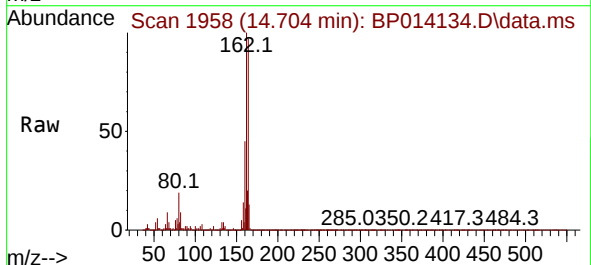
Instrument :
BNA_P
ClientSampleId :
OR-03-03152023

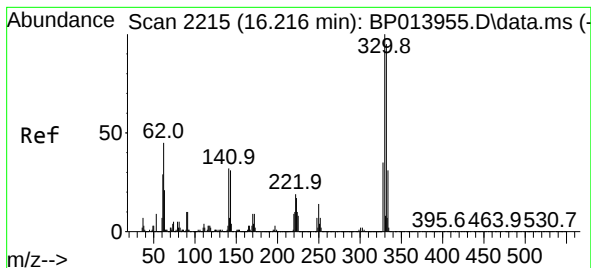
Tgt Ion: 82 Resp: 777983
Ion Ratio Lower Upper
82 100
128 38.5 31.1 46.7
54 47.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Tgt Ion:164 Resp: 343966
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 46.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 103.247 ng

RT: 16.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

Instrument :

BNA_P

ClientSampleId :

OR-03-03152023

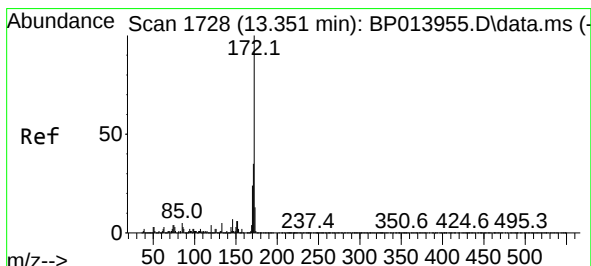
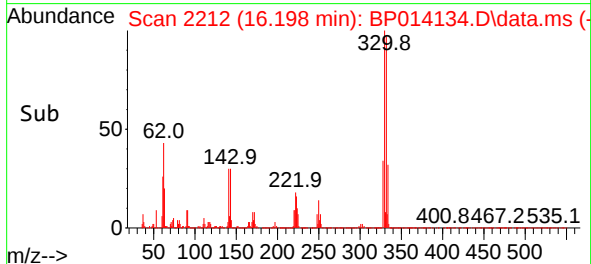
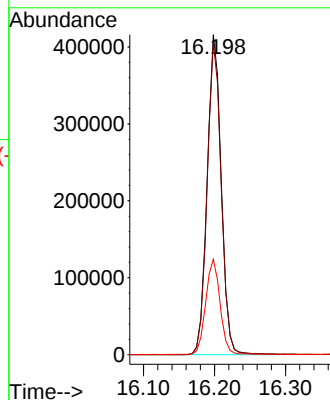
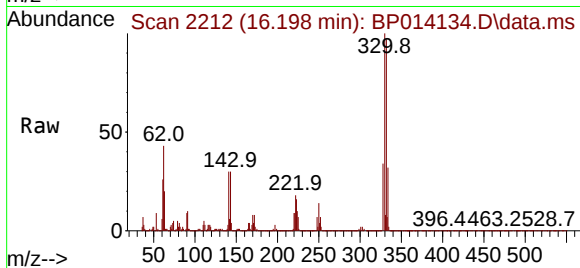
Tgt Ion:330 Resp: 575796

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.2 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 61.596 ng

RT: 13.328 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

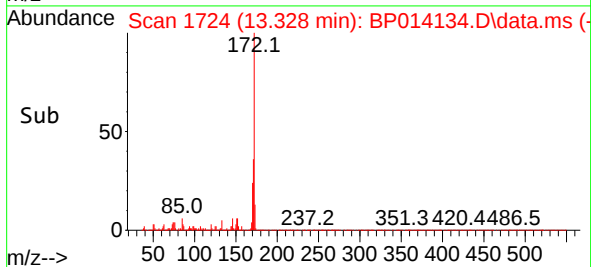
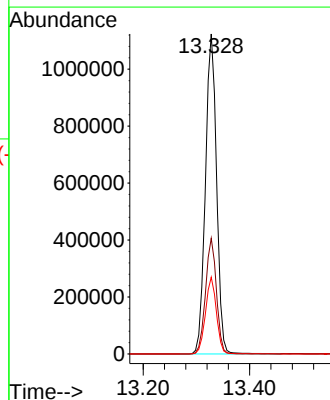
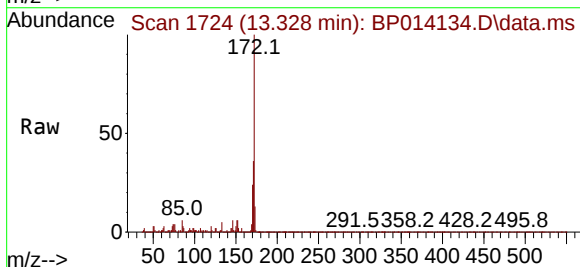
Tgt Ion:172 Resp: 1635330

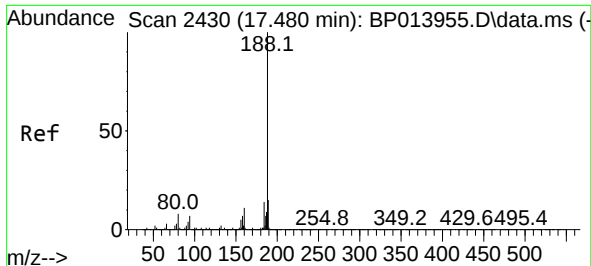
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 24.0 19.0 28.4

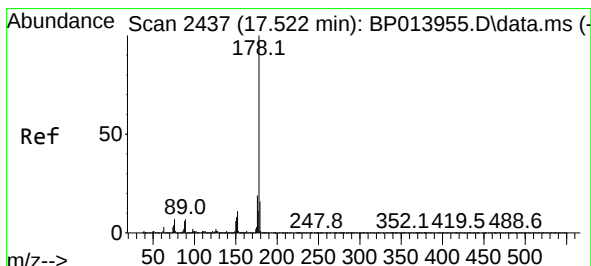
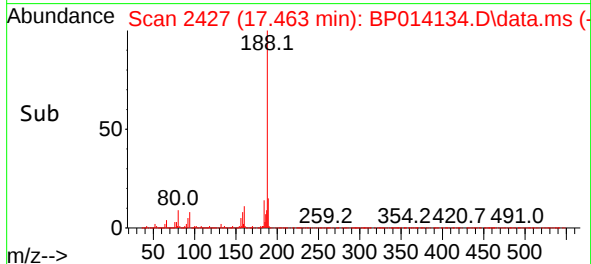
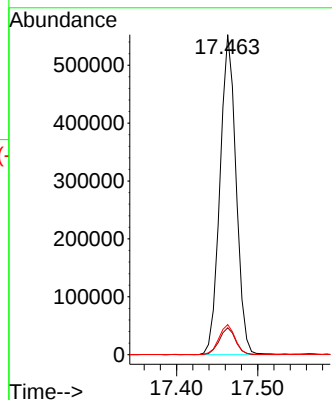
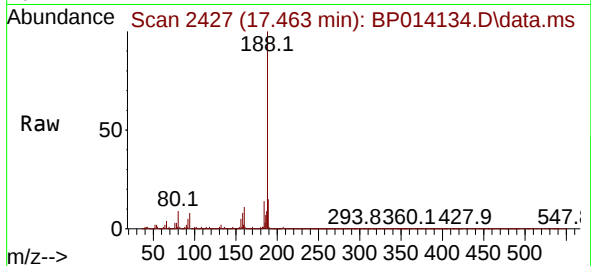




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

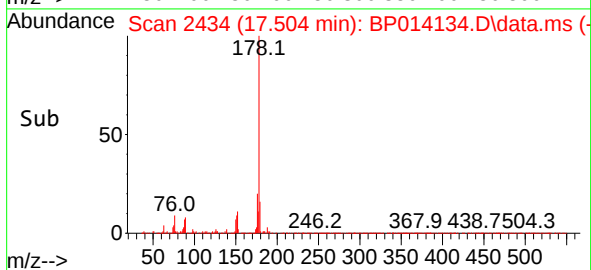
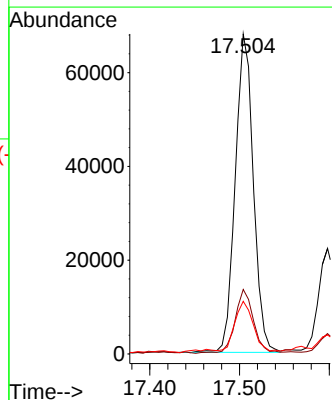
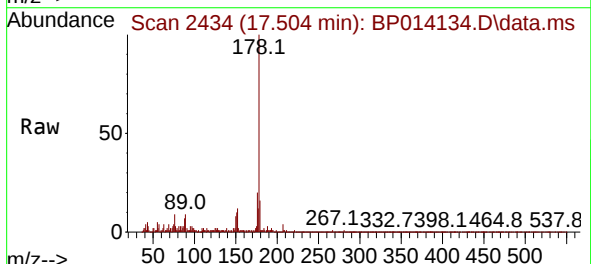
Instrument :
BNA_P
ClientSampleId :
OR-03-03152023

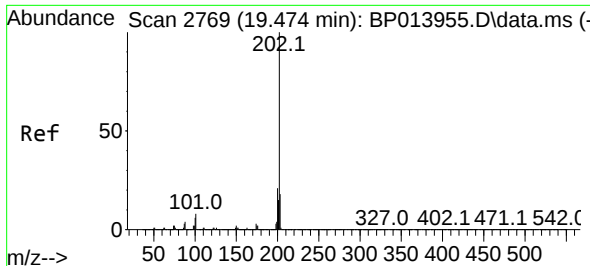
Tgt Ion:188 Resp: 761609
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 9.4 6.6 9.8



#71
Phenanthrene
Concen: 2.237 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Tgt Ion:178 Resp: 95178
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 16.5 12.6 19.0

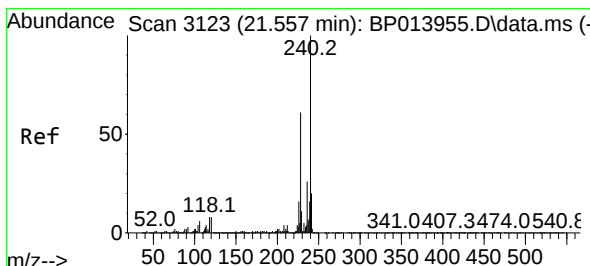
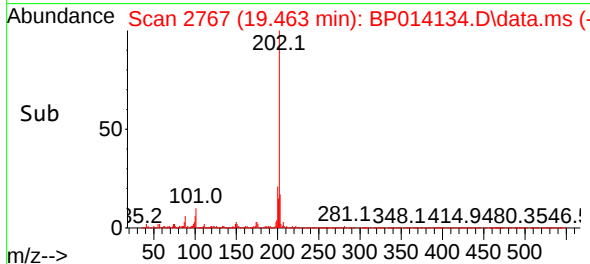
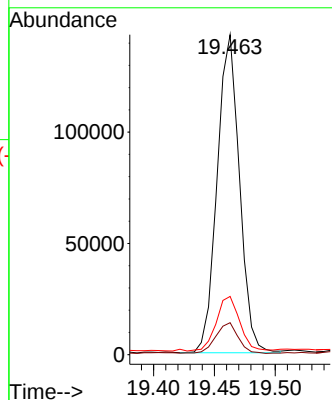
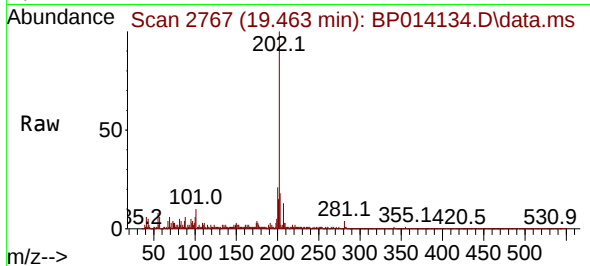




#75
Fluoranthene
Concen: 3.594 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

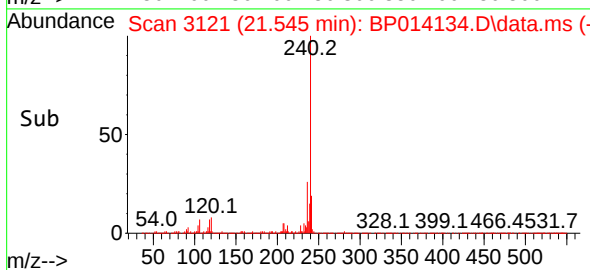
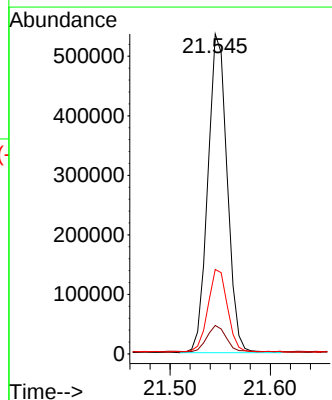
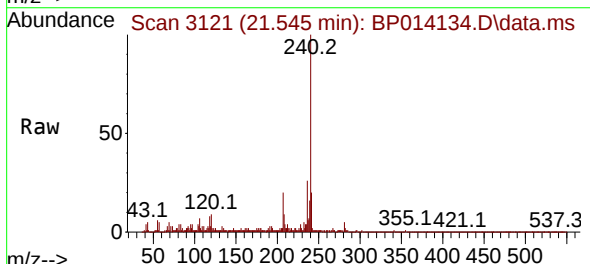
Instrument :
BNA_P
ClientSampleId :
OR-03-03152023

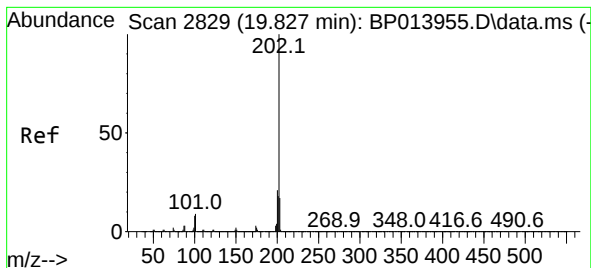
Tgt Ion:	202	Resp:	182766
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	27.9
203	18.2	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP014134.D
Acq: 17 Mar 2023 22:47

Tgt Ion:	240	Resp:	716921
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.4	9.6
236	26.4	21.2	31.8





#78

Pyrene

Concen: 3.325 ng

RT: 19.816 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

Instrument :

BNA_P

ClientSampleId :

OR-03-03152023

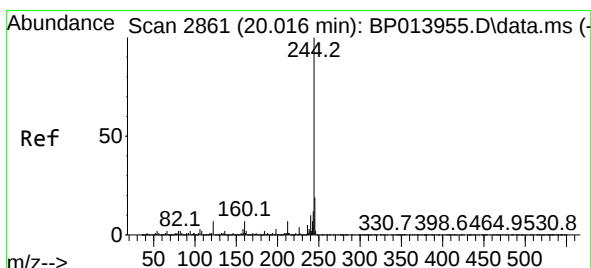
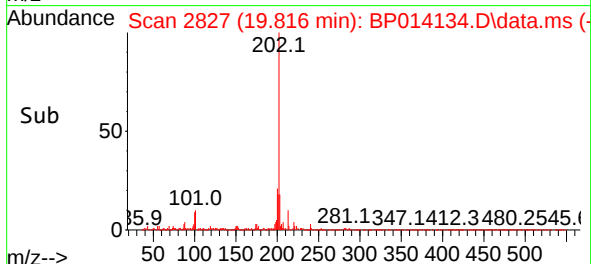
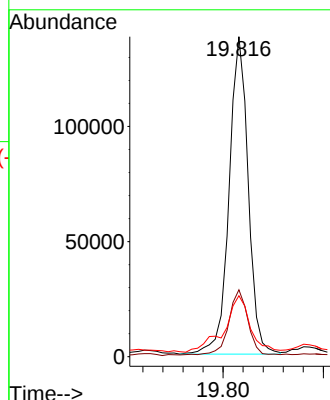
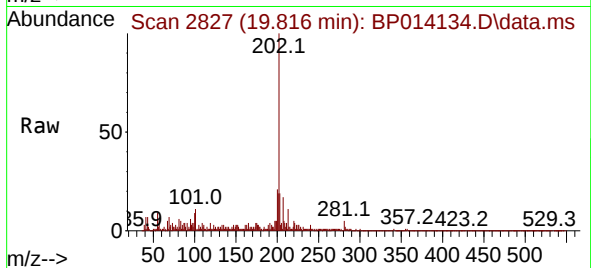
Tgt Ion:202 Resp: 182984

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 19.0 13.9 20.9



#79

Terphenyl-d14

Concen: 58.398 ng

RT: 20.004 min Scan# 2859

Delta R.T. -0.000 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

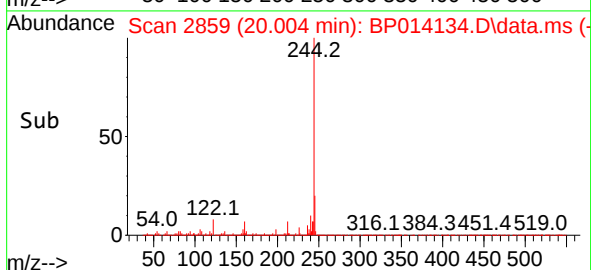
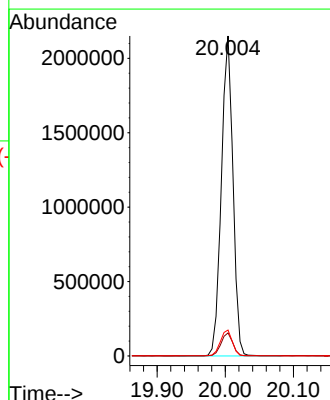
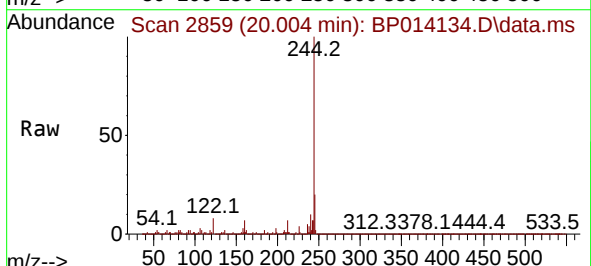
Tgt Ion:244 Resp: 2538991

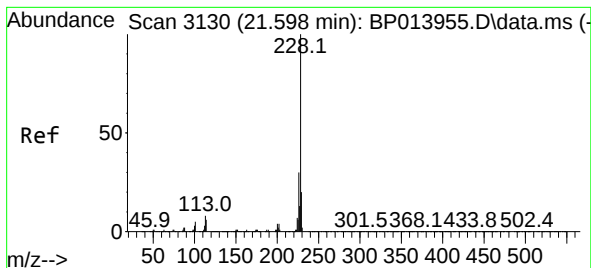
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.1 5.8 8.6





#83

Chrysene

Concen: 2.104 ng

RT: 21.586 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

Instrument :

BNA_P

ClientSampleId :

OR-03-03152023

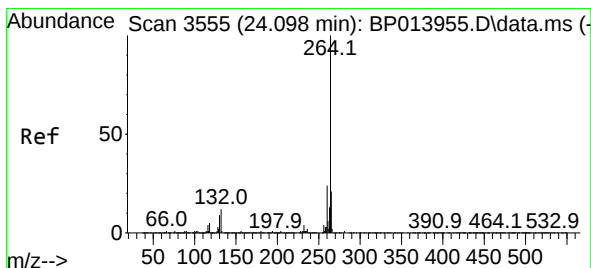
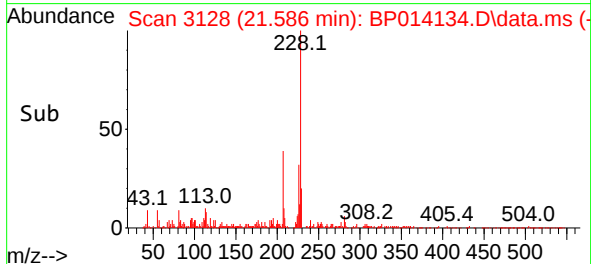
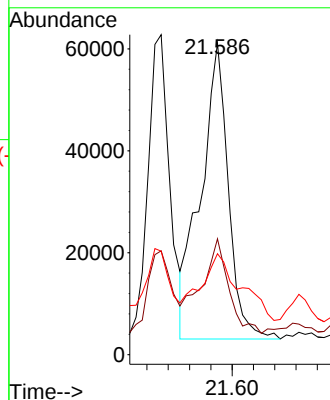
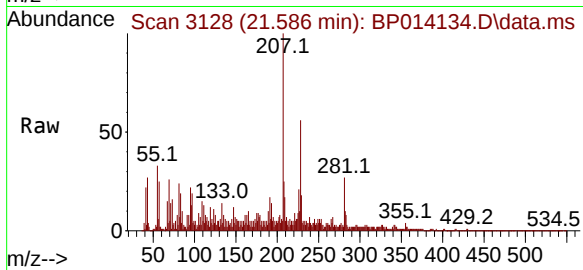
Tgt Ion:228 Resp: 104791

Ion Ratio Lower Upper

228 100

226 37.2 24.2 36.4#

229 32.4 15.8 23.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.092 min Scan# 3554

Delta R.T. 0.006 min

Lab File: BP014134.D

Acq: 17 Mar 2023 22:47

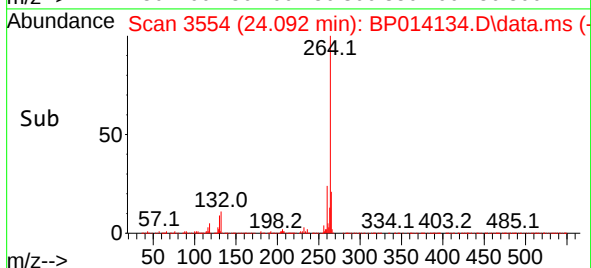
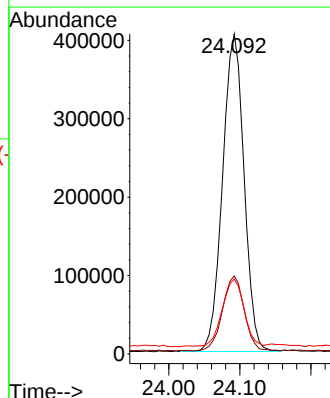
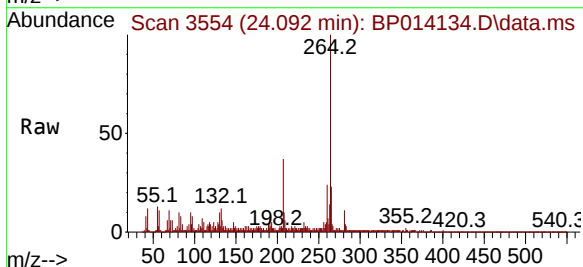
Tgt Ion:264 Resp: 851449

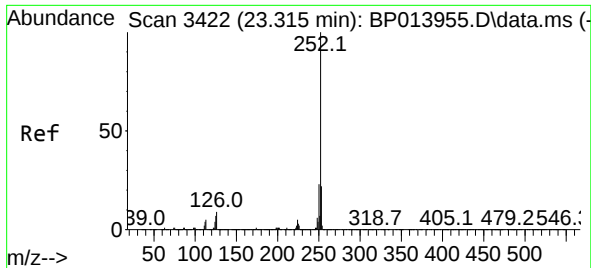
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.4 17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 2.152 ng

RT: 23.310 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP014134.D

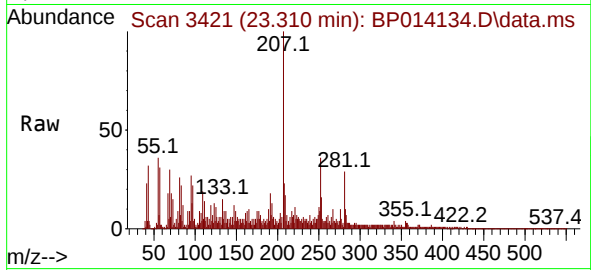
Acq: 17 Mar 2023 22:47

Instrument :

BNA_P

ClientSampleId :

OR-03-03152023



Tgt Ion:252 Resp: 119961

Ion Ratio Lower Upper

252 100

253 45.3 17.5 26.3#

125 30.7 5.6 8.4#

