

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009677.D
 Acq On : 04 Apr 2022 14:07
 Operator : CG/JU
 Sample : PB143752TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143752TB

Quant Time: Apr 04 23:24:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

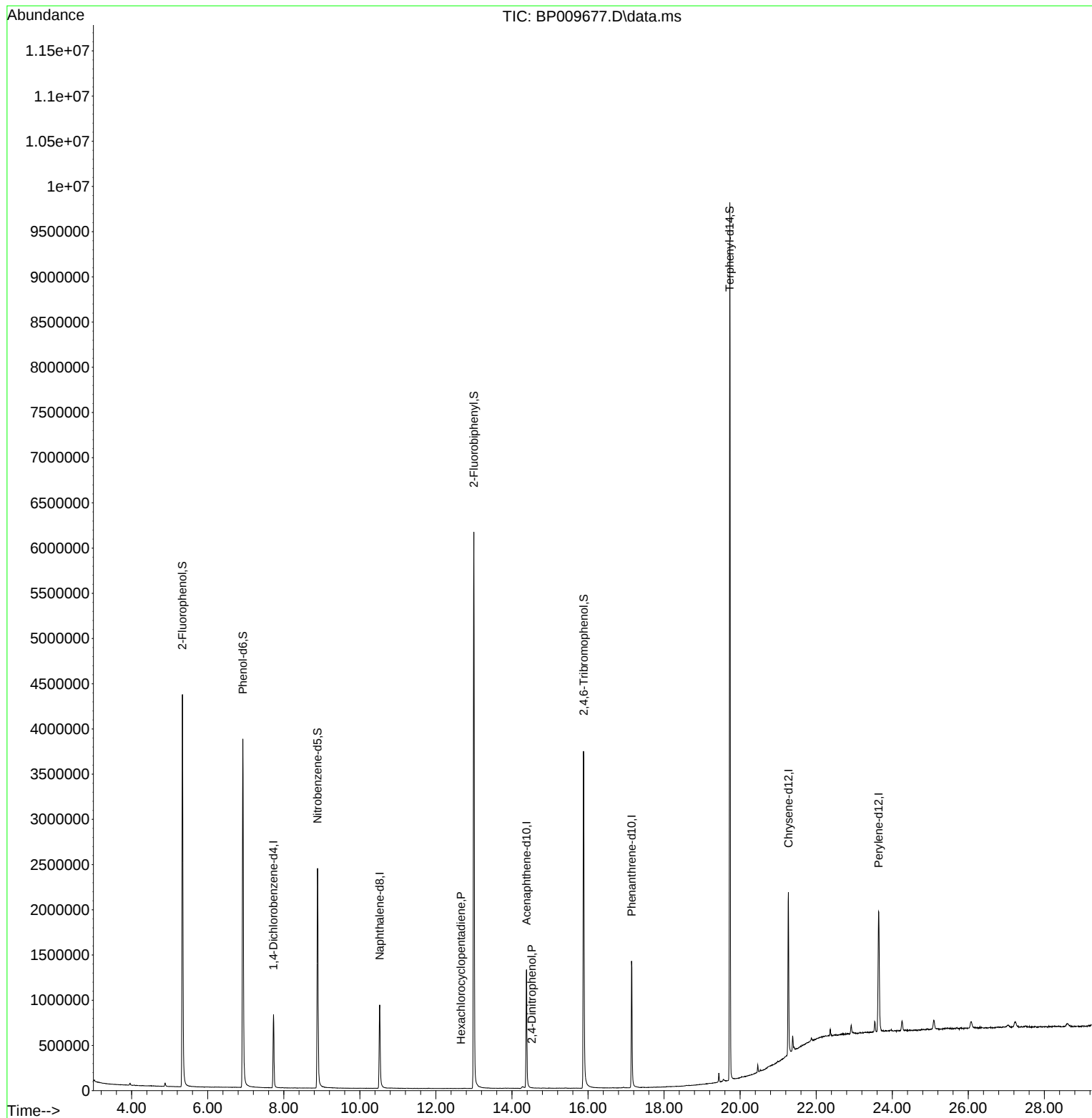
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	258234	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	952470	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	530379	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1022507	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	1019932	20.000	ng	0.00
86) Perylene-d12	23.645	264	1151019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2230489	150.804	ng	-0.01
7) Phenol-d6	6.922	99	2654566	132.714	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1702351	94.978	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	911285	104.121	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3626447	94.787	ng	-0.01
79) Terphenyl-d14	19.728	244	4949377	87.100	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.822	77	168	Below Cal	#	48
41) Hexachlorocyclopentadiene	12.663	237	31	7.292	ng	84
54) 2,4-Dinitrophenol	14.522	184	26	4.537	ng	# 1

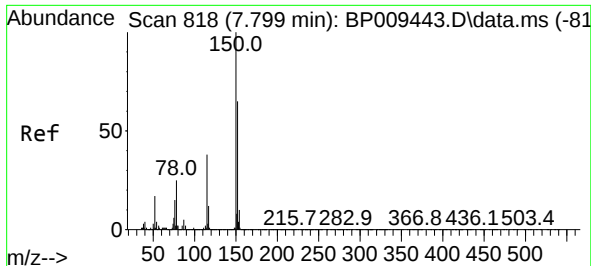
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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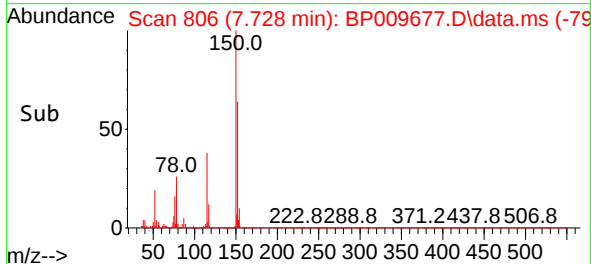
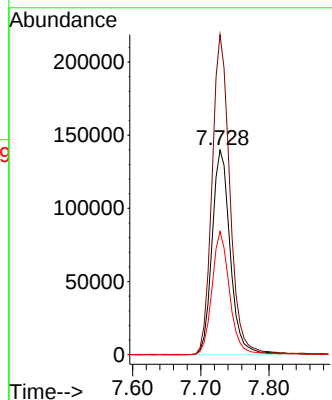
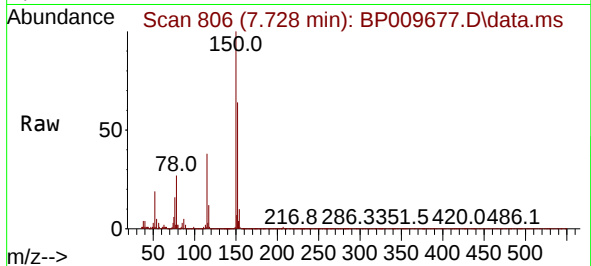




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

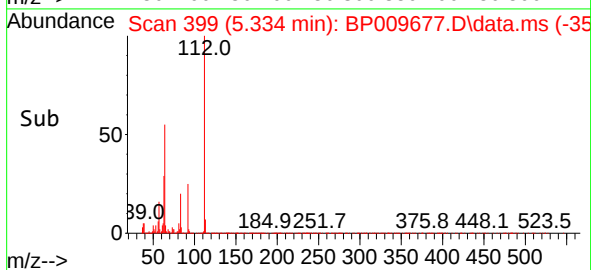
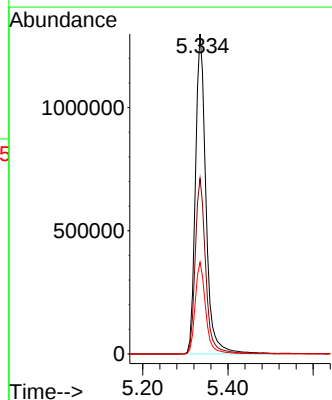
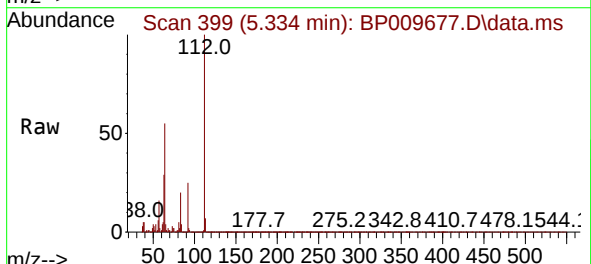
Instrument :
BNA_P
ClientSampleId :
PB143752TB

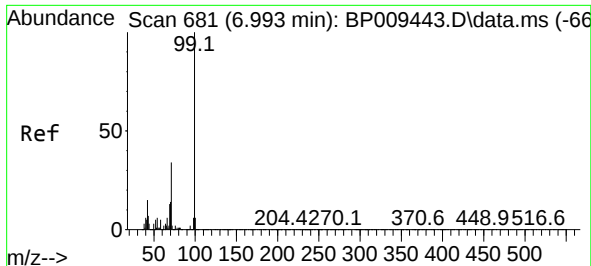
Tgt Ion:152 Resp: 258234
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 60.2 48.2 72.4



#5
2-Fluorophenol
Concen: 150.804 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

Tgt Ion:112 Resp: 2230489
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.6 23.0 34.6

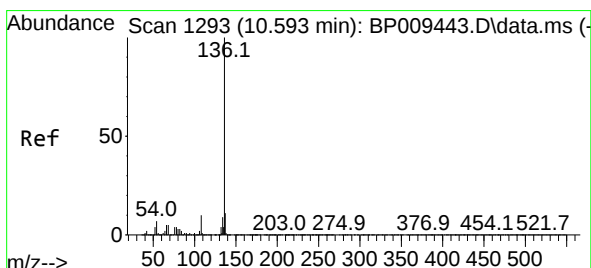
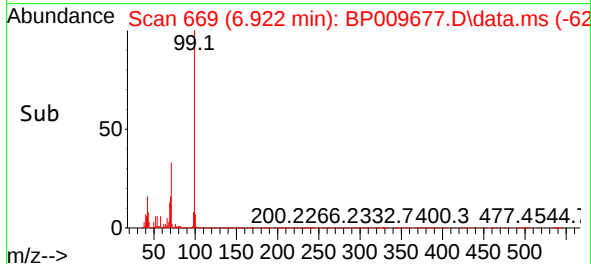
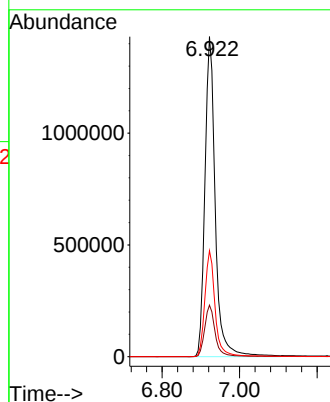
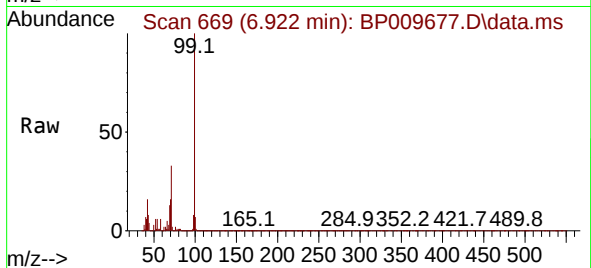




#7
Phenol-d6
Concen: 132.714 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

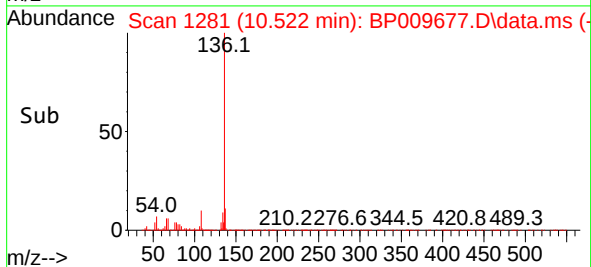
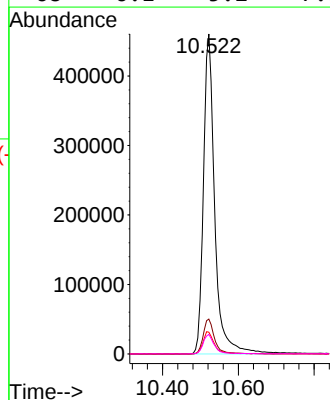
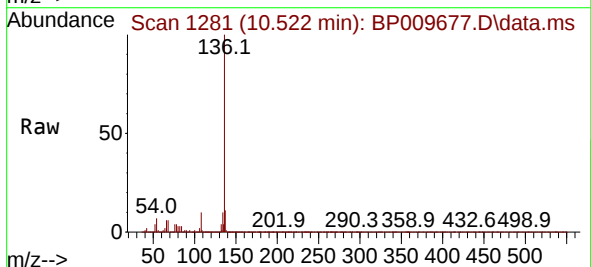
Instrument :
BNA_P
ClientSampleId :
PB143752TB

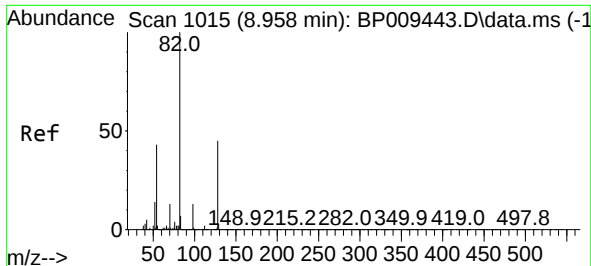
Tgt Ion: 99 Resp: 2654566
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 33.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

Tgt Ion: 136 Resp: 952470
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 94.978 ng

RT: 8.887 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

Instrument :

BNA_P

ClientSampleId :

PB143752TB

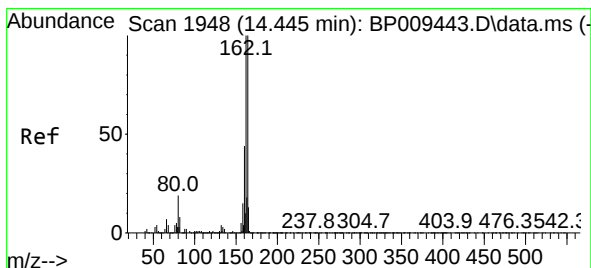
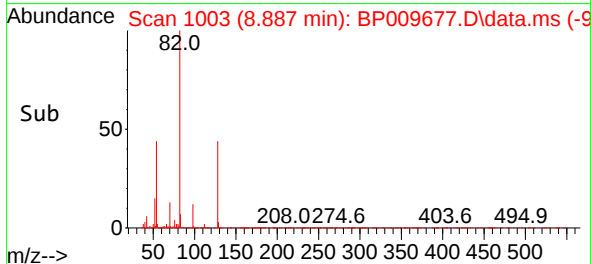
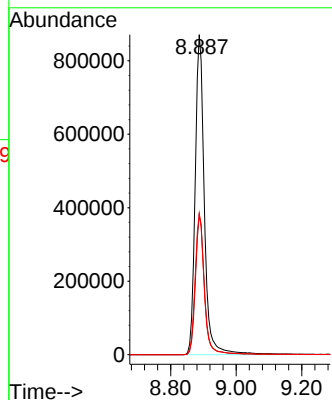
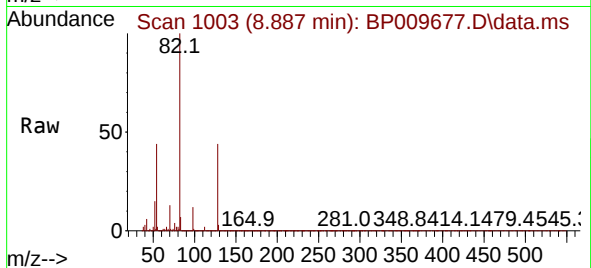
Tgt Ion: 82 Resp: 1702351

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.4

54 44.1 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

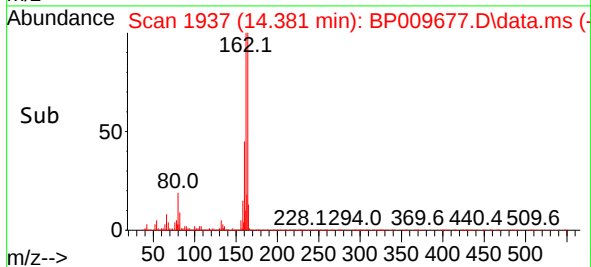
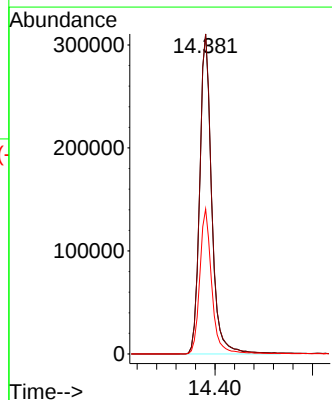
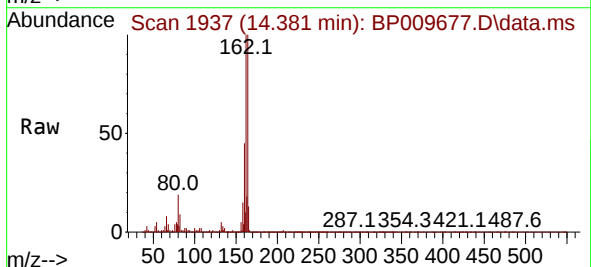
Tgt Ion: 164 Resp: 530379

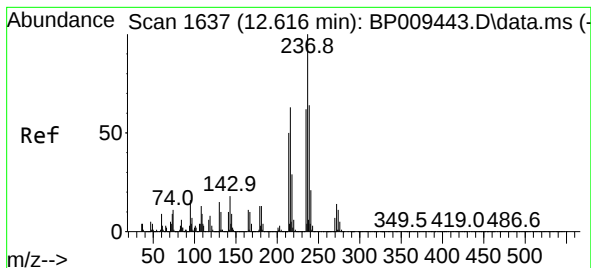
Ion Ratio Lower Upper

164 100

162 100.0 79.1 118.7

160 45.3 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.292 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.106 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

Instrument :

BNA_P

ClientSampleId :

PB143752TB

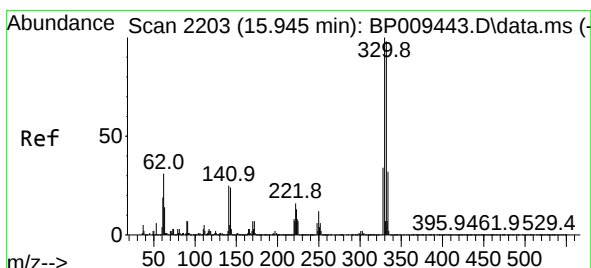
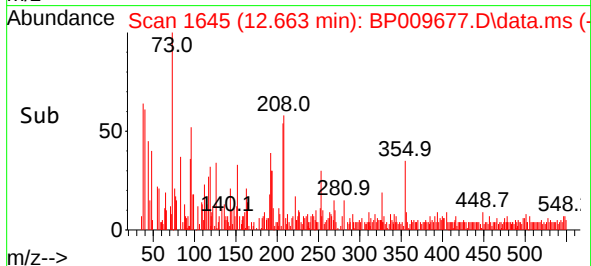
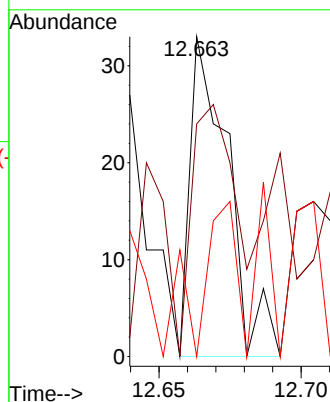
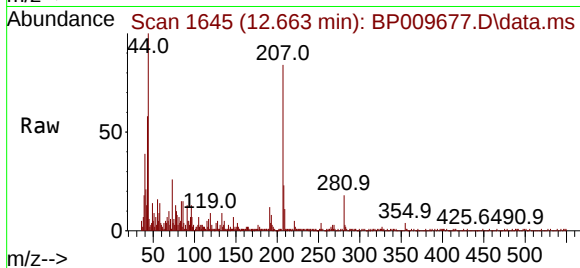
Tgt Ion:237 Resp: 31

Ion Ratio Lower Upper

237 100

235 72.7 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 104.121 ng

RT: 15.887 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

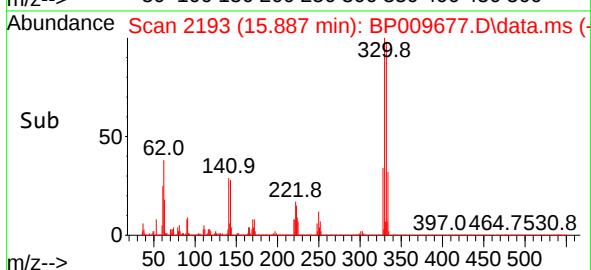
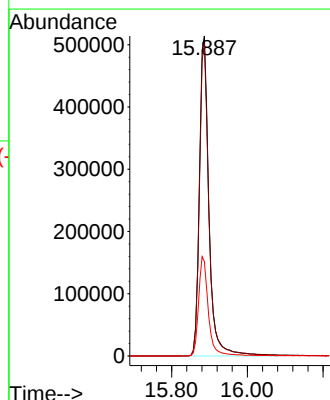
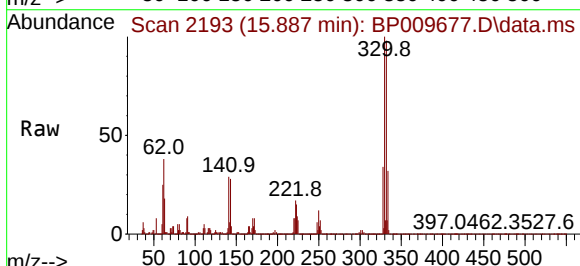
Tgt Ion:330 Resp: 911285

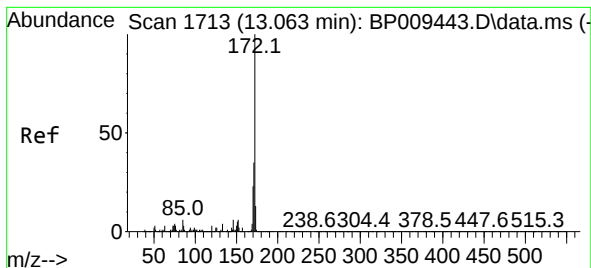
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 31.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 94.787 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

Instrument :

BNA_P

ClientSampleId :

PB143752TB

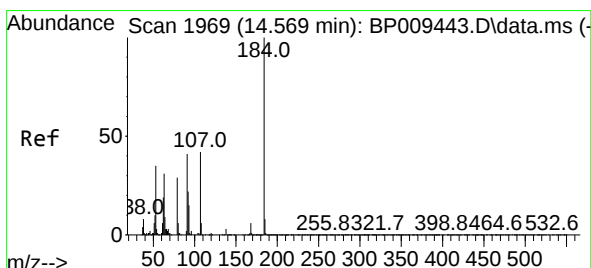
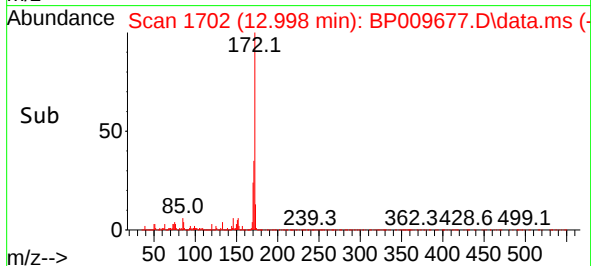
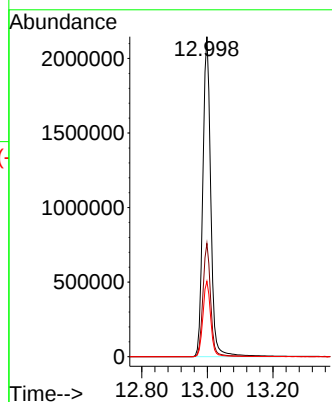
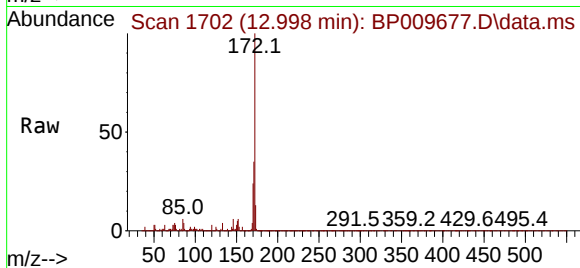
Tgt Ion:172 Resp: 3626447

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.537 ng

RT: 14.522 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

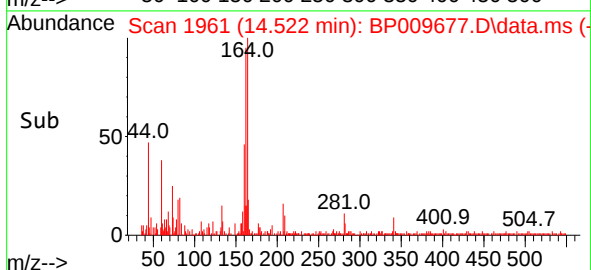
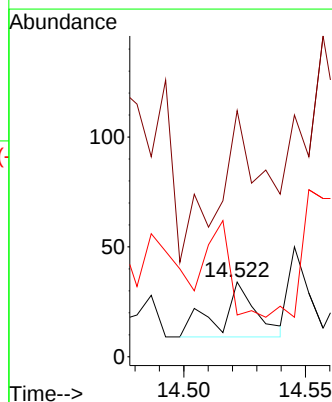
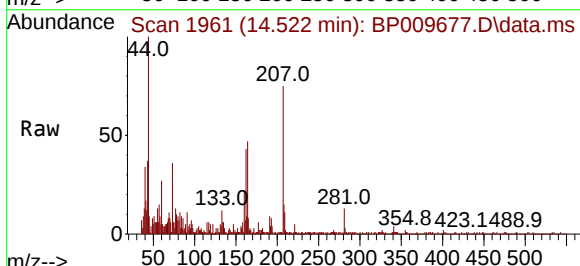
Tgt Ion:184 Resp: 26

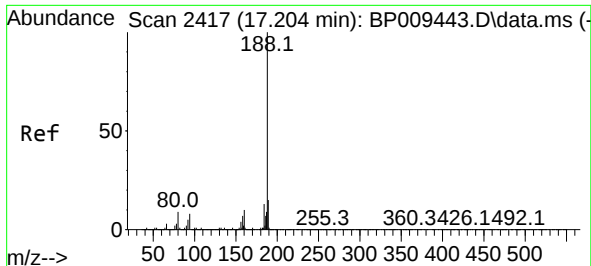
Ion Ratio Lower Upper

184 100

63 600.0 46.3 69.5#

154 55.9 45.8 68.6

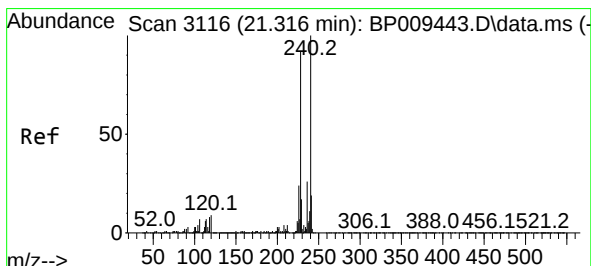
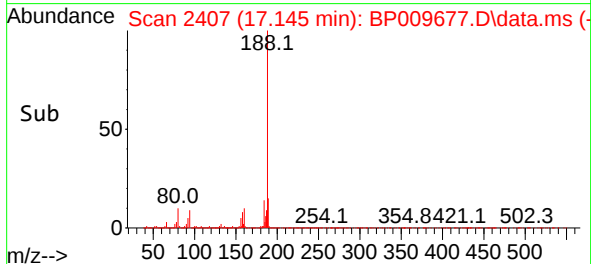
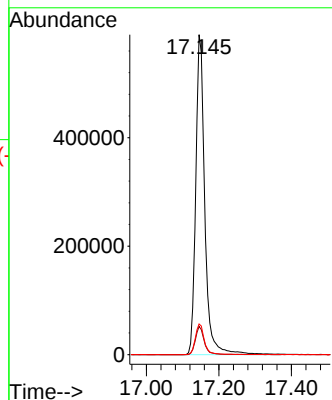
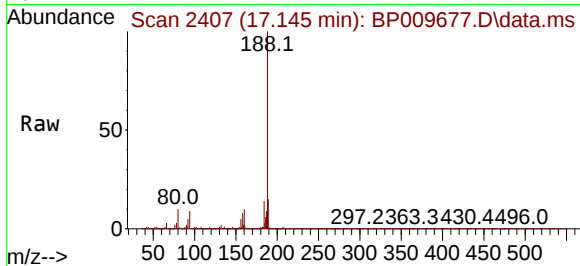




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

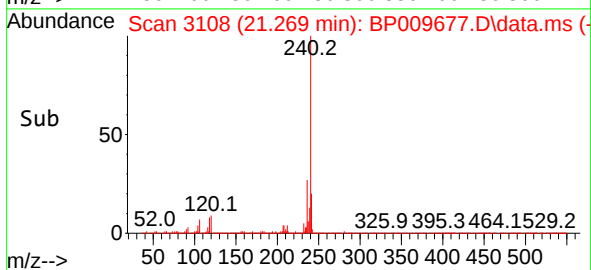
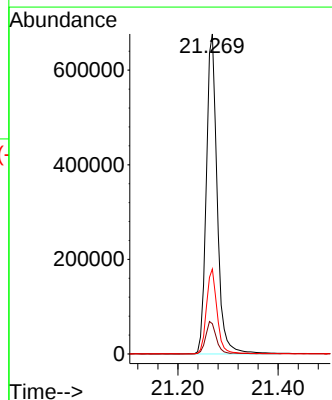
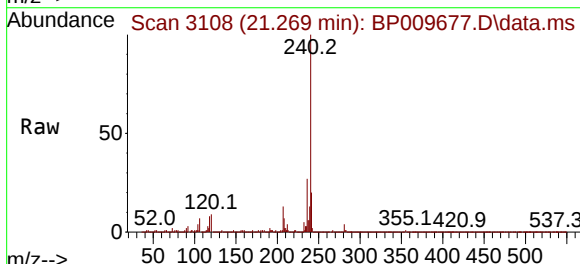
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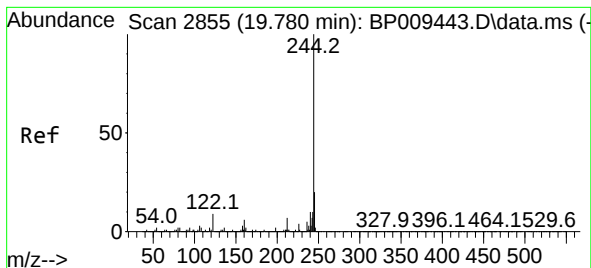
Tgt Ion:188 Resp: 1022507
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009677.D
Acq: 04 Apr 2022 14:07

Tgt Ion:240 Resp: 1019932
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 26.6 20.6 30.8





#79

Terphenyl-d14

Concen: 87.100 ng

RT: 19.728 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

Instrument :

BNA_P

ClientSampleId :

PB143752TB

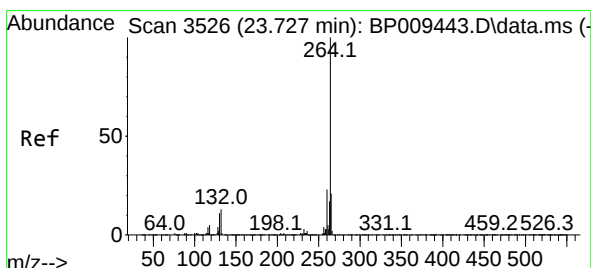
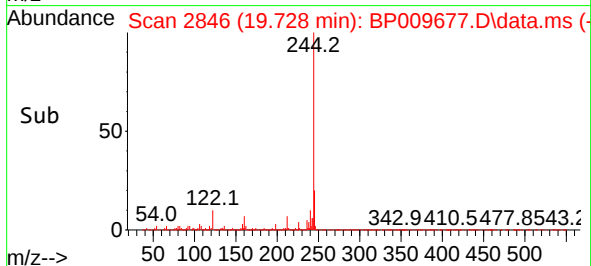
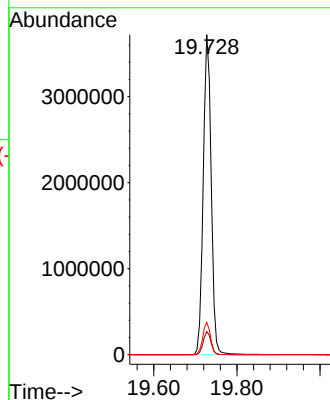
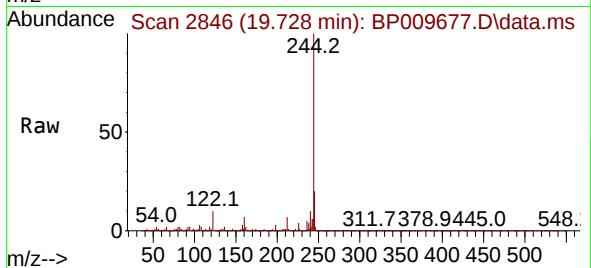
Tgt Ion:244 Resp: 4949377

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.645 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BP009677.D

Acq: 04 Apr 2022 14:07

Tgt Ion:264 Resp: 1151019

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.8 17.2 25.8

