

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009653.D
 Acq On : 01 Apr 2022 12:14
 Operator : CG/JU
 Sample : PB143765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143765BL

Quant Time: Apr 01 22:42:48 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)

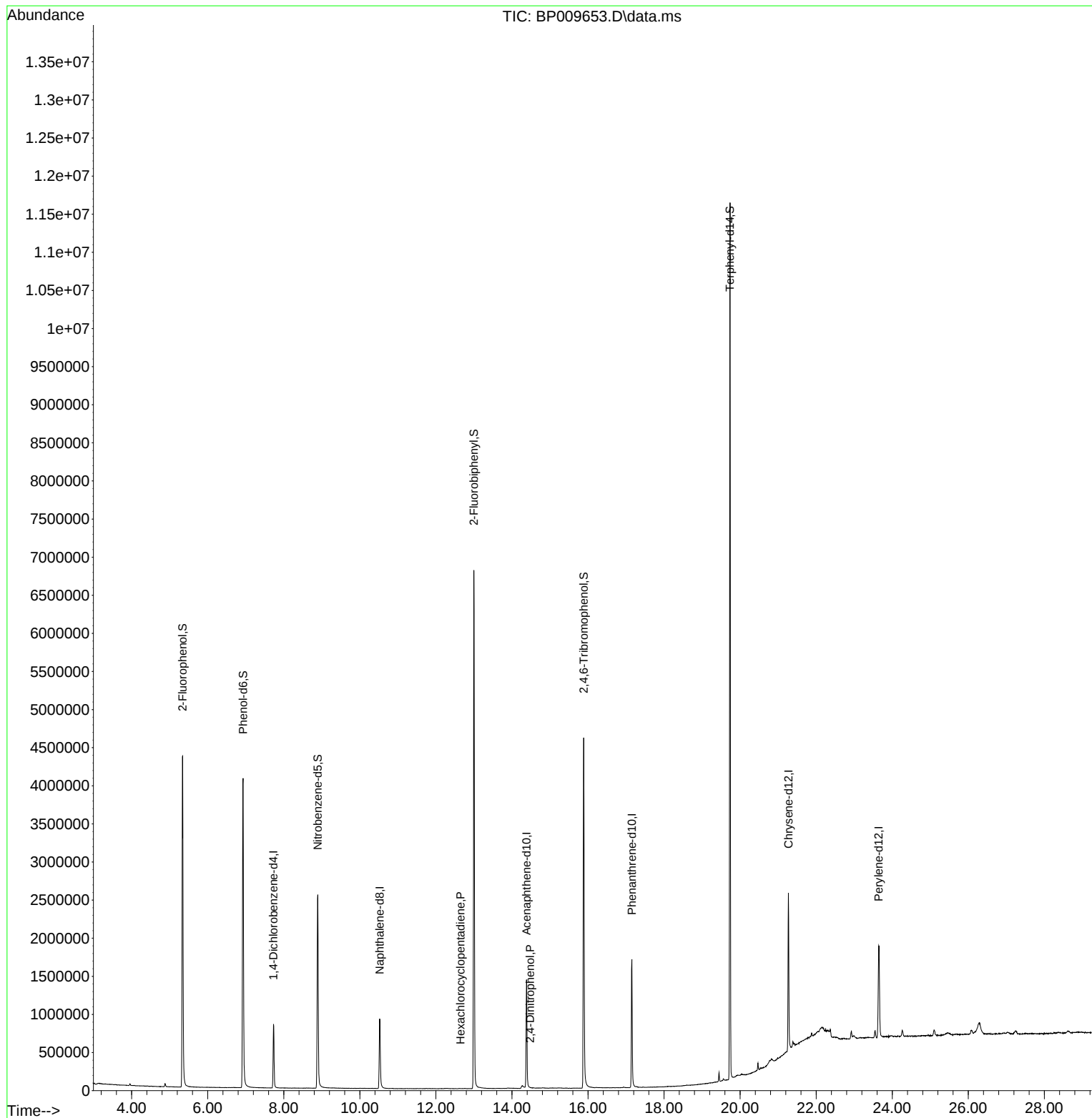
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	264659	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	954764	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	581480	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1201747	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1171116	20.000	ng	0.00
86) Perylene-d12	23.645	264	1106111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2327701	153.556	ng	0.00
7) Phenol-d6	6.928	99	2842204	138.645	ng	0.00
23) Nitrobenzene-d5	8.893	82	1800814	100.230	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	1114833	116.184	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	3842023	91.597	ng	-0.01
79) Terphenyl-d14	19.733	244	5832764	89.395	ng	0.00
Target Compounds						
9) Benzaldehyde	6.828	77	204	Below Cal	#	43
41) Hexachlorocyclopentadiene	12.646	237	28	7.291	ng	80
54) 2,4-Dinitrophenol	14.481	184	137	4.555	ng	# 1

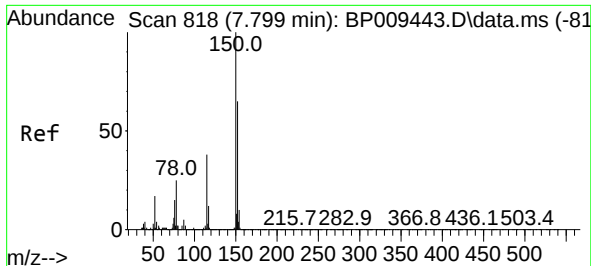
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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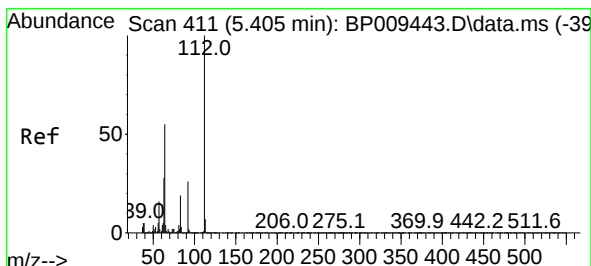
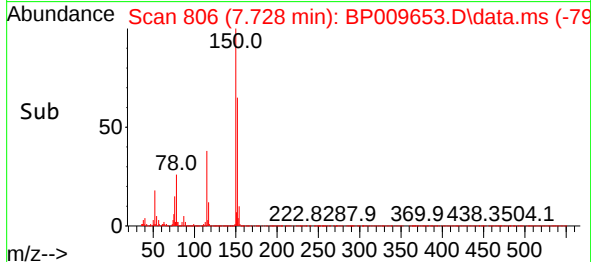
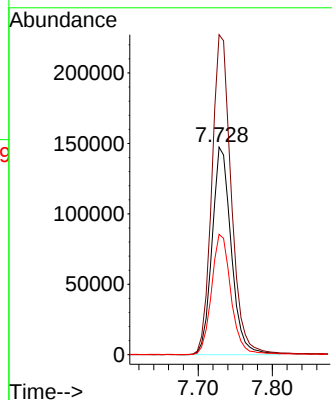
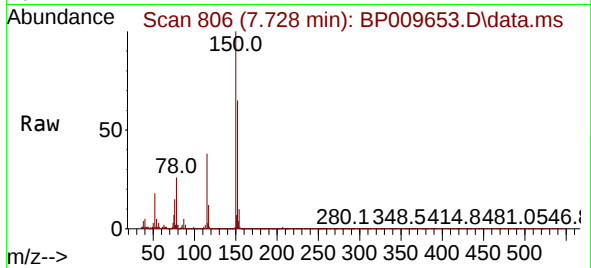




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP009653.D
 Acq: 01 Apr 2022 12:14

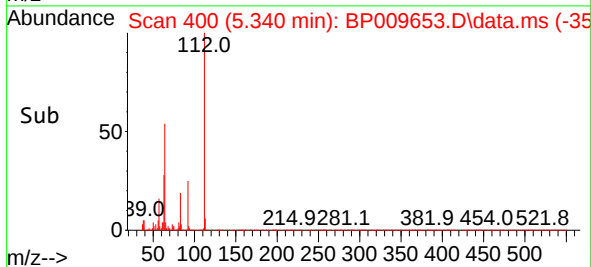
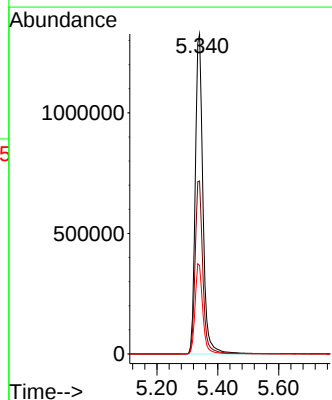
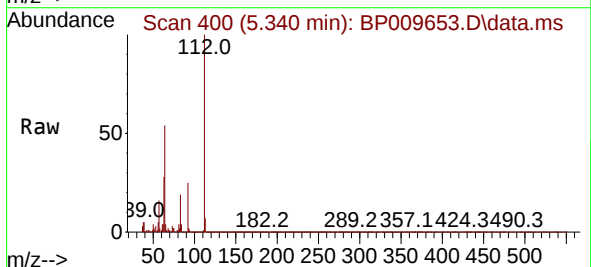
Instrument :
 BNA_P
 ClientSampleId :
 PB143765BL

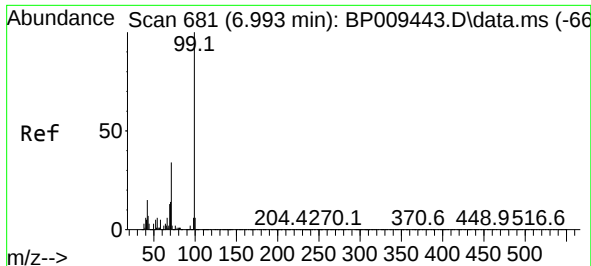
Tgt Ion:152 Resp: 264659
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.5 186.7
 115 58.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 153.556 ng
 RT: 5.340 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: BP009653.D
 Acq: 01 Apr 2022 12:14

Tgt Ion:112 Resp: 2327701
 Ion Ratio Lower Upper
 112 100
 64 54.1 45.0 67.4
 63 27.7 23.0 34.6

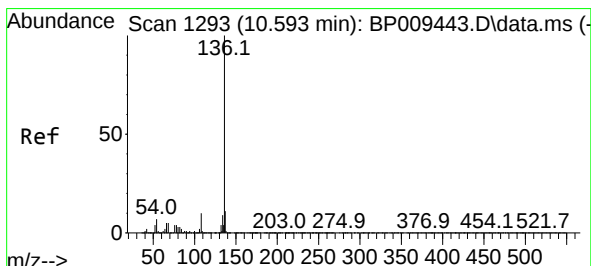
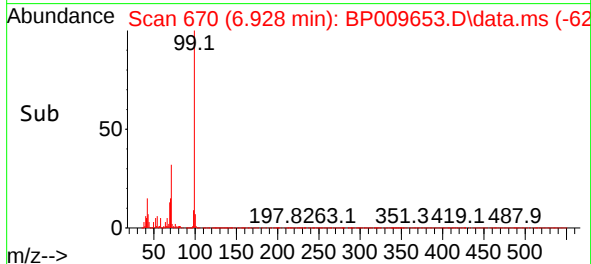
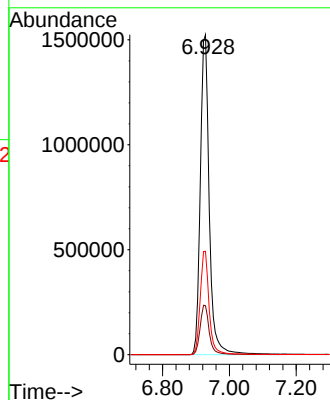
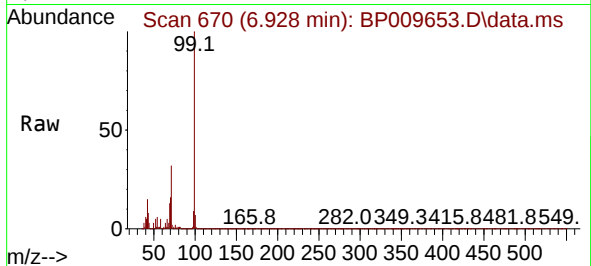




#7
Phenol-d6
Concen: 138.645 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

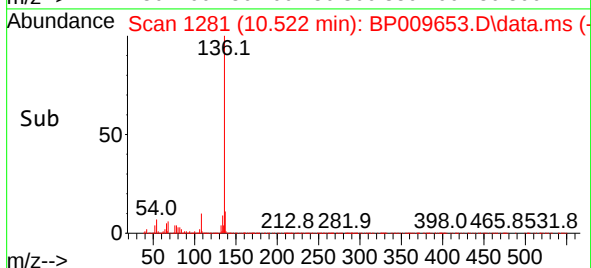
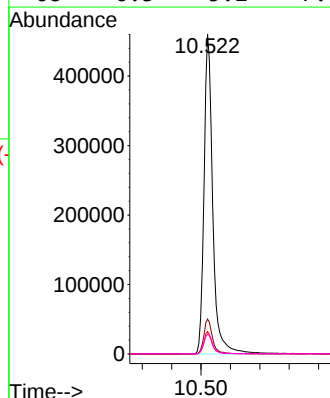
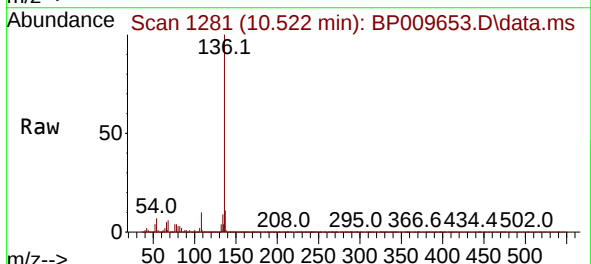
Instrument :
BNA_P
ClientSampleId :
PB143765BL

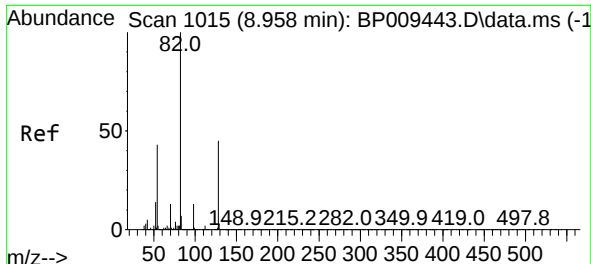
Tgt Ion: 99 Resp: 2842204
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 136 Resp: 954764
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8

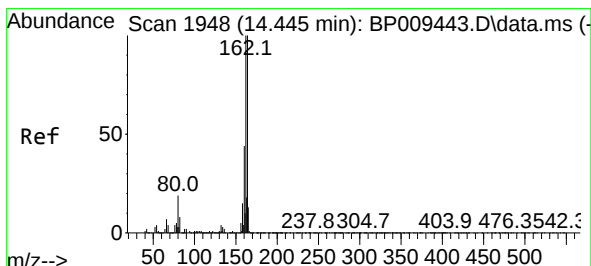
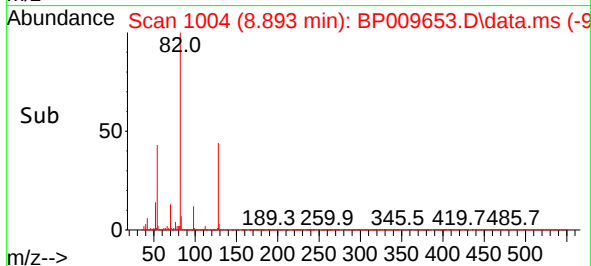
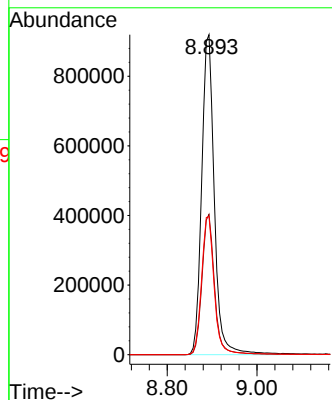
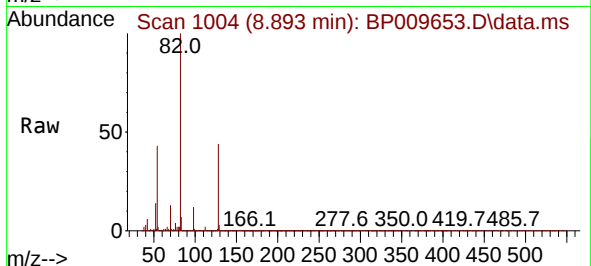




#23
Nitrobenzene-d5
Concen: 100.230 ng
RT: 8.893 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

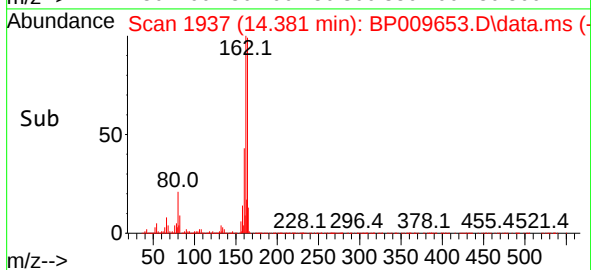
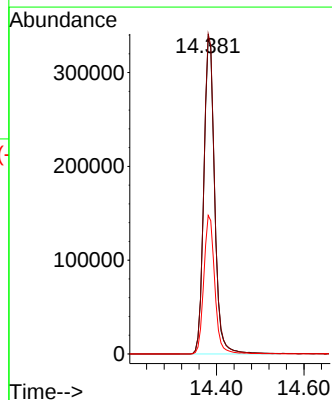
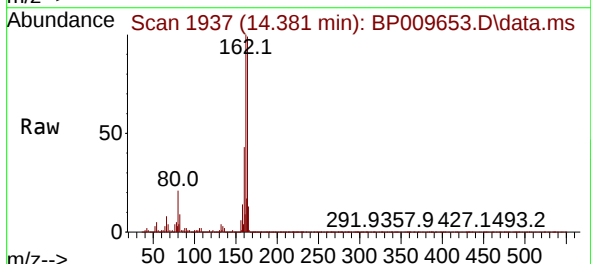
Instrument :
BNA_P
ClientSampleId :
PB143765BL

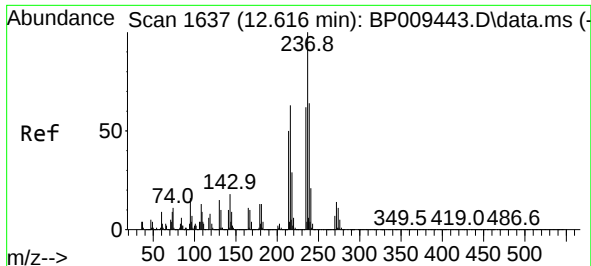
Tgt Ion: 82 Resp: 1800814
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

Tgt Ion:164 Resp: 581480
Ion Ratio Lower Upper
164 100
162 101.4 79.1 118.7
160 43.9 34.9 52.3

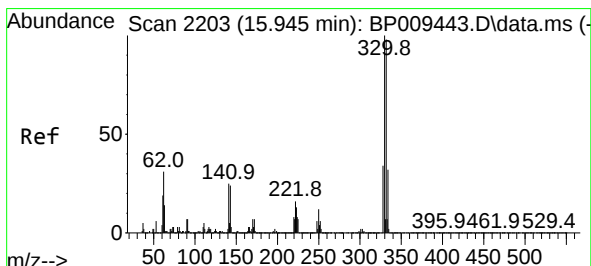
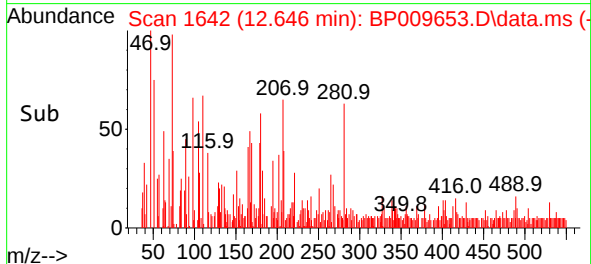
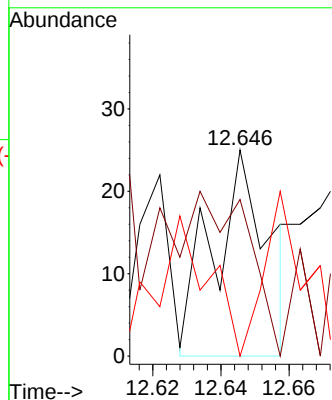
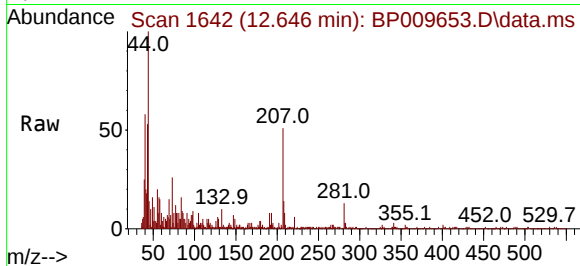




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.646 min Scan# 1
Delta R.T. 0.088 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

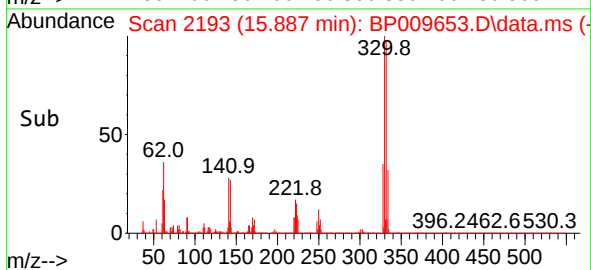
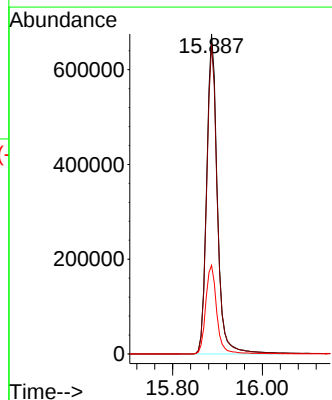
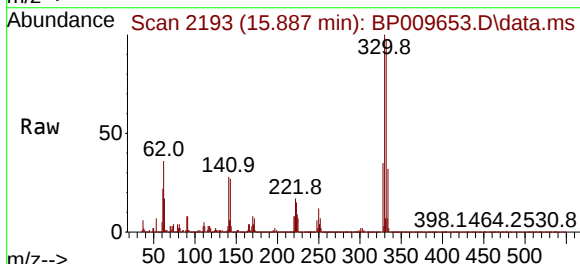
Instrument :
BNA_P
ClientSampleId :
PB143765BL

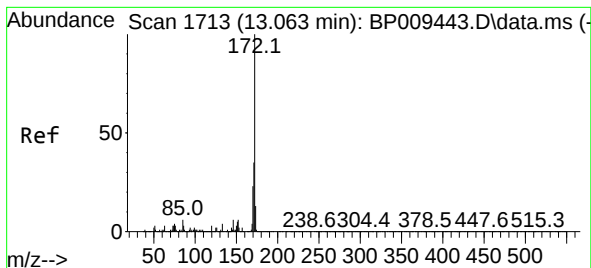
Tgt Ion:	237	Resp:	28
Ion	Ratio	Lower	Upper
237	100		
235	76.0	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 116.184 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009653.D
Acq: 01 Apr 2022 12:14

Tgt Ion:	330	Resp:	1114833
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.8	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 91.597 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009653.D

Acq: 01 Apr 2022 12:14

Instrument :

BNA_P

ClientSampleId :

PB143765BL

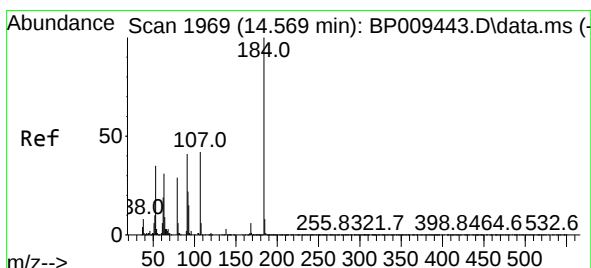
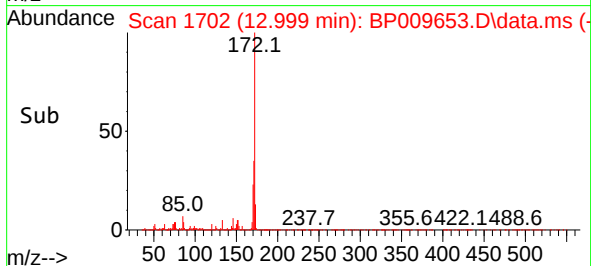
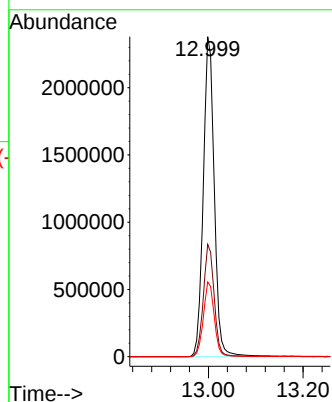
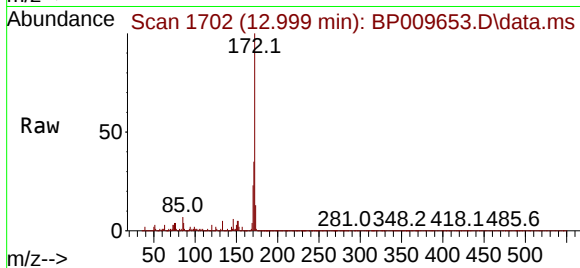
Tgt Ion:172 Resp: 3842023

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.3 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.555 ng

RT: 14.481 min Scan# 1954

Delta R.T. -0.047 min

Lab File: BP009653.D

Acq: 01 Apr 2022 12:14

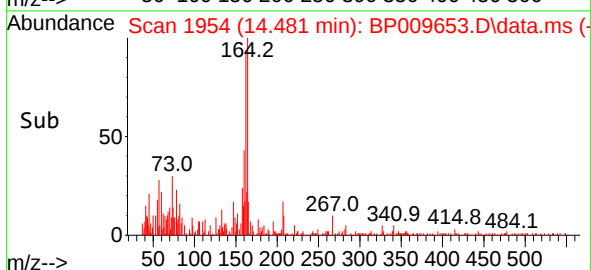
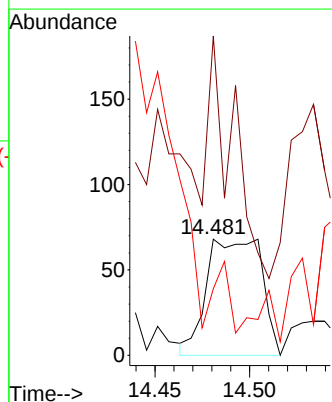
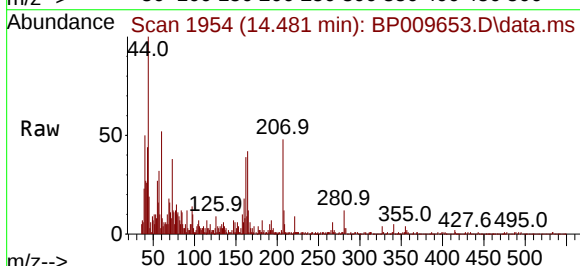
Tgt Ion:184 Resp: 137

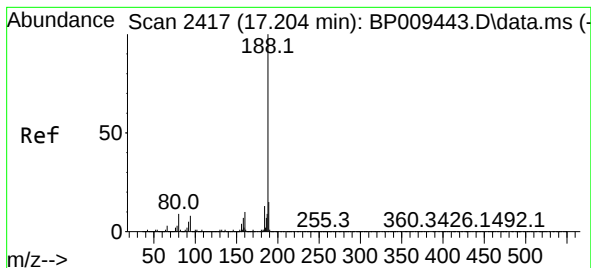
Ion Ratio Lower Upper

184 100

63 275.0 46.3 69.5#

154 57.4 45.8 68.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009653.D

Acq: 01 Apr 2022 12:14

Instrument :

BNA_P

ClientSampleId :

PB143765BL

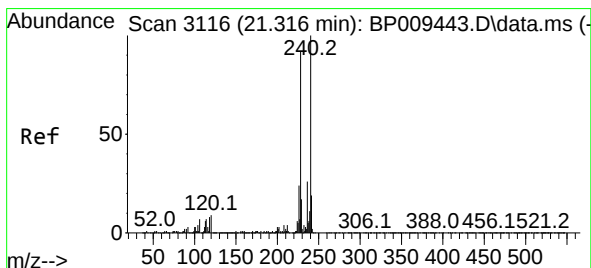
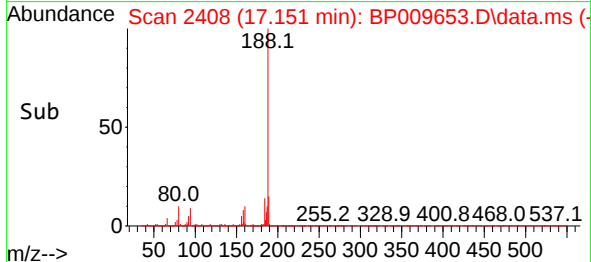
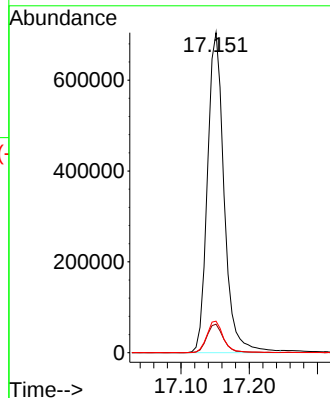
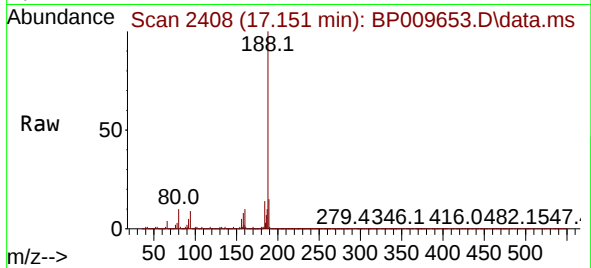
Tgt Ion:188 Resp: 1201747

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.9 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: BP009653.D

Acq: 01 Apr 2022 12:14

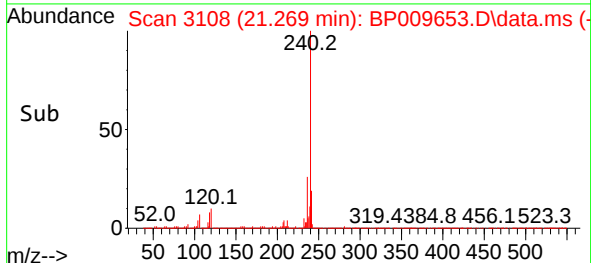
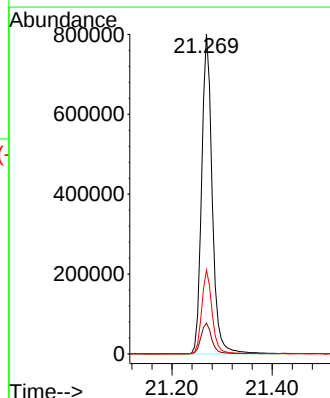
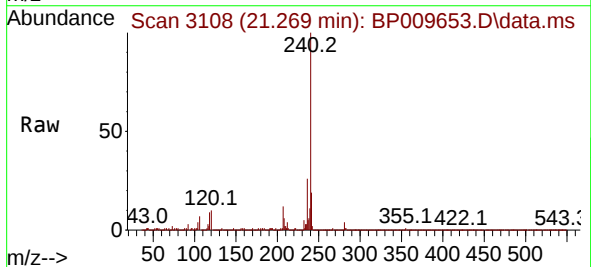
Tgt Ion:240 Resp: 1171116

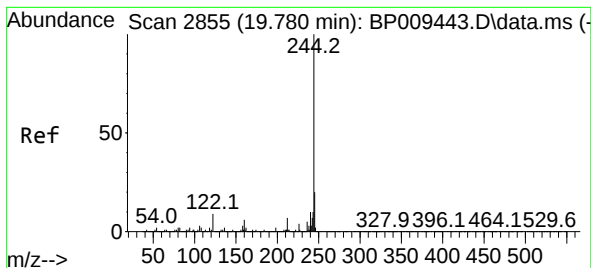
Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 89.395 ng

RT: 19.733 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP009653.D

Acq: 01 Apr 2022 12:14

Instrument :

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ClientSampleId :

PB143765BL

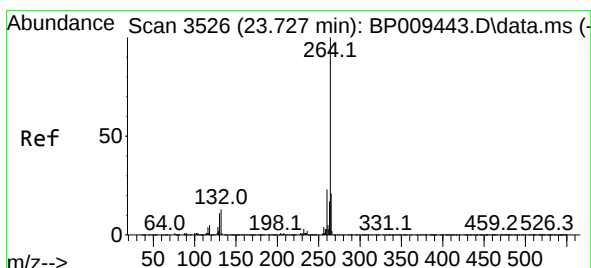
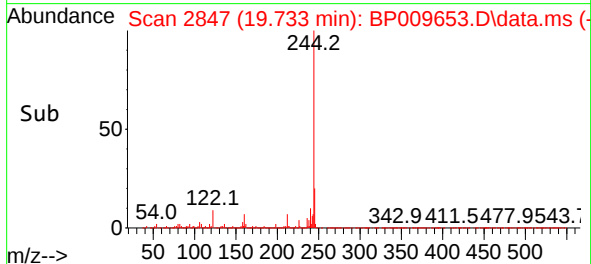
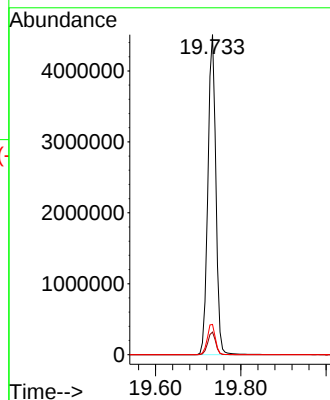
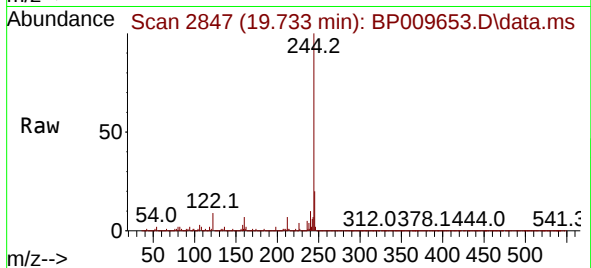
Tgt Ion:244 Resp: 5832764

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 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: BP009653.D

Acq: 01 Apr 2022 12:14

Tgt Ion:264 Resp: 1106111

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.5 17.2 25.8

