

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009157.D
 Acq On : 15 Feb 2022 16:50
 Operator : CG/JU
 Sample : N1521-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP3-C

Quant Time: Feb 16 01:35:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

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

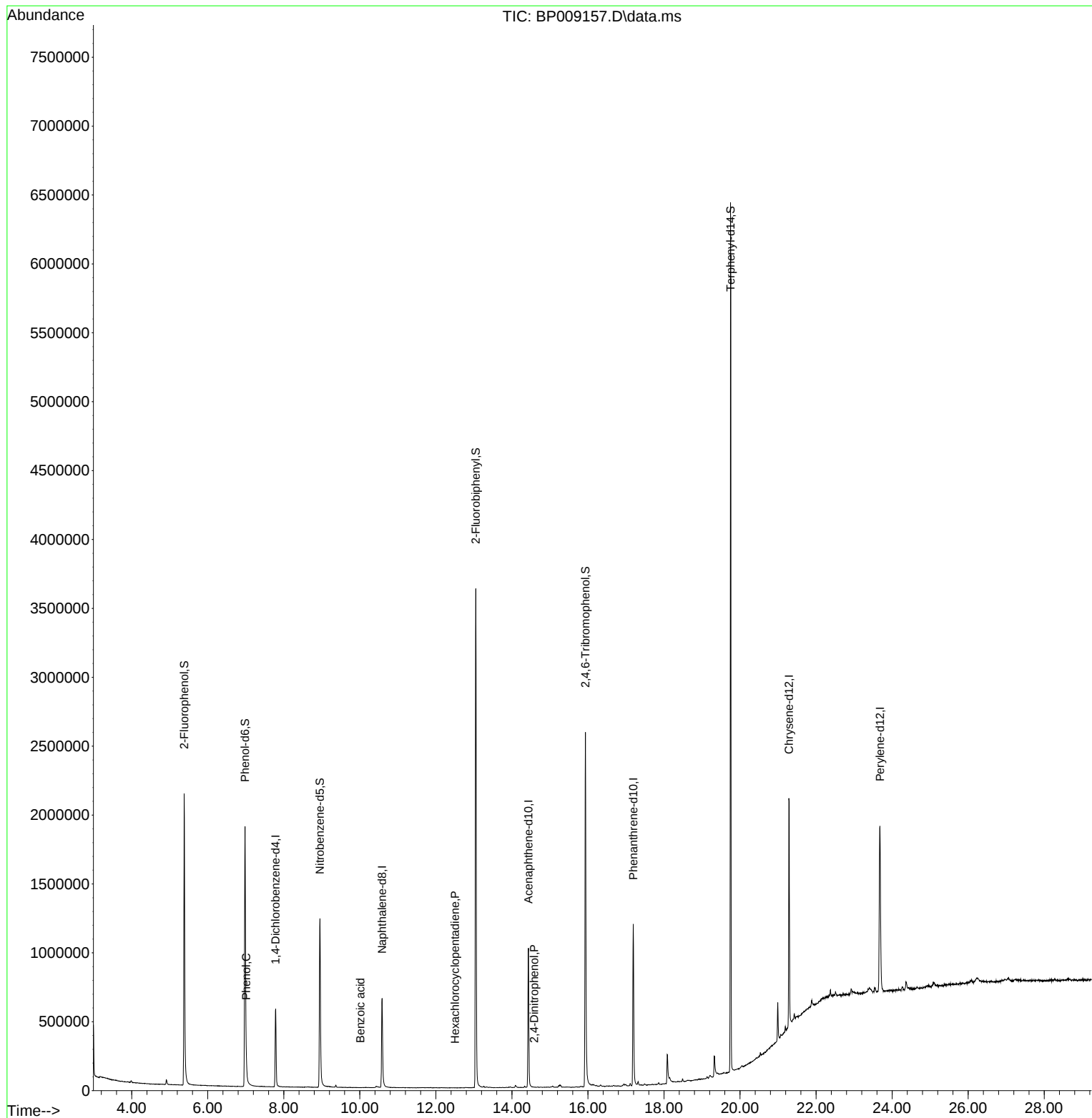
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	184259	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	684742	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	425718	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	871071	20.000	ng	0.00
76) Chrysene-d12	21.286	240	923609	20.000	ng	0.00
86) Perylene-d12	23.680	264	1077510	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1128781	109.277	ng	0.00
7) Phenol-d6	6.981	99	1402607	103.050	ng	0.00
23) Nitrobenzene-d5	8.951	82	881049	72.561	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	650553	114.451	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2203772	72.467	ng	0.00
79) Terphenyl-d14	19.751	244	3134362	61.028	ng	0.00
Target Compounds						
					Qvalue	
10) Phenol	7.010	94	30651	2.240	ng	# 57
32) Benzoic acid	10.016	122	56	2.698	ng	# 9
41) Hexachlorocyclopentadiene	12.504	237	20	8.659	ng	86
54) 2,4-Dinitrophenol	14.586	184	43	2.182	ng	# 1

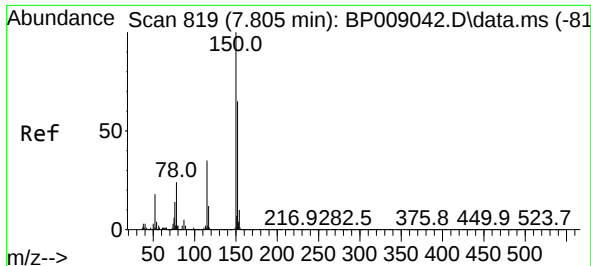
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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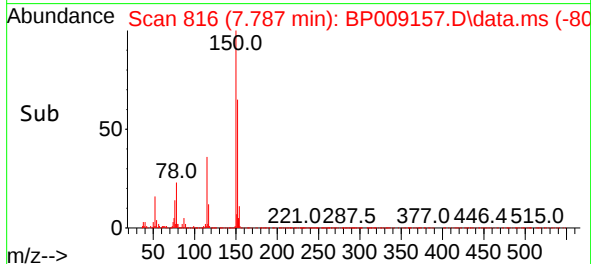
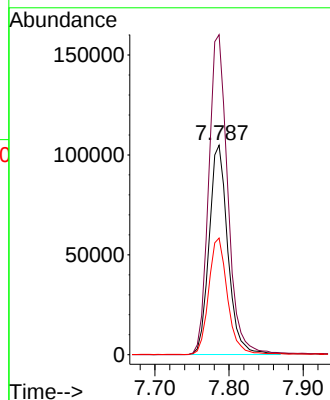
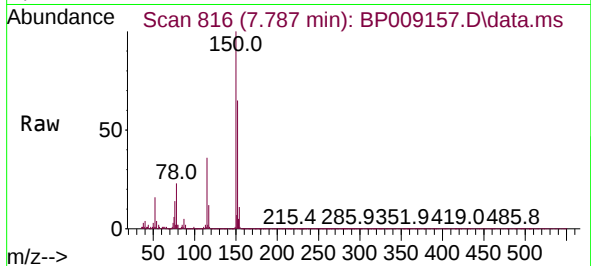




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

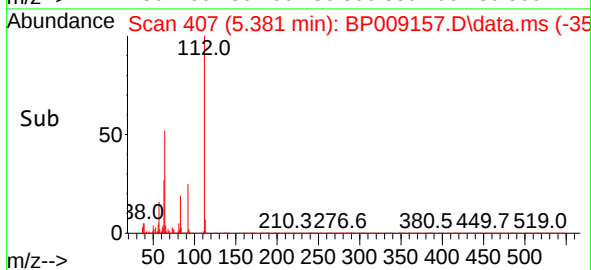
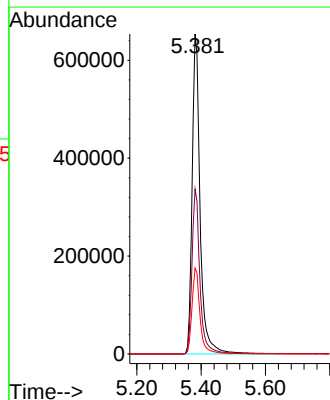
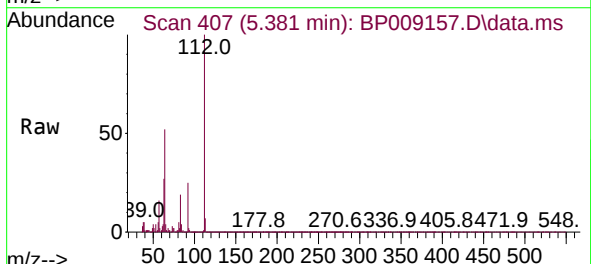
Instrument :
BNA_P
ClientSampleId :
TP3-C

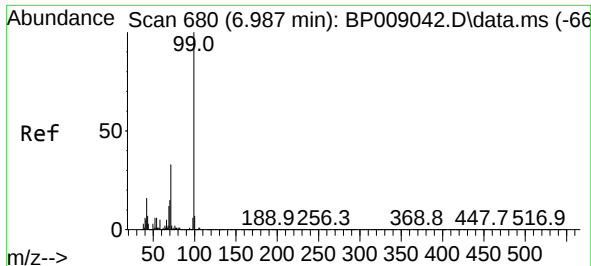
Tgt Ion:152 Resp: 184259
Ion Ratio Lower Upper
152 100
150 152.8 127.0 190.6
115 55.7 43.7 65.5



#5
2-Fluorophenol
Concen: 109.277 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion:112 Resp: 1128781
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 26.9 20.0 30.0

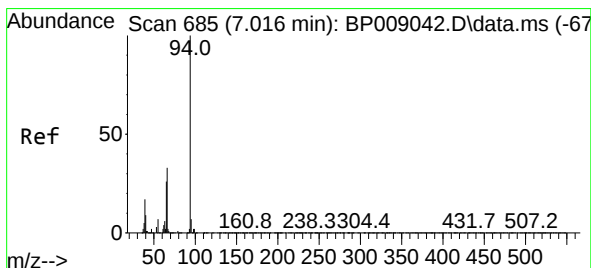
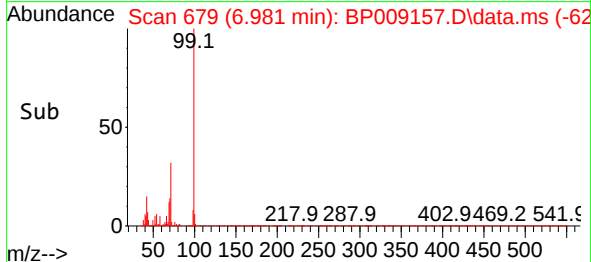
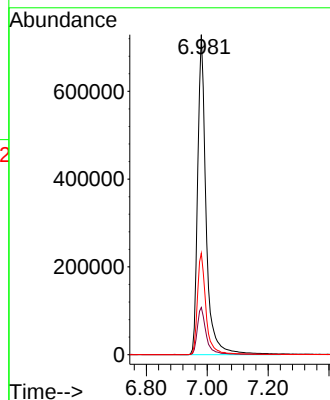
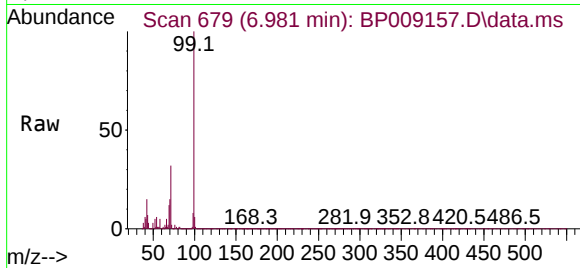




#7
Phenol-d6
Concen: 103.050 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

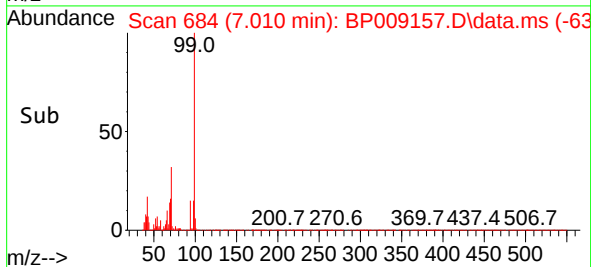
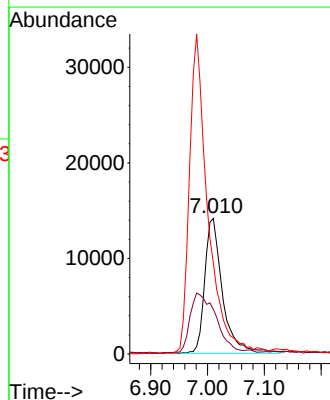
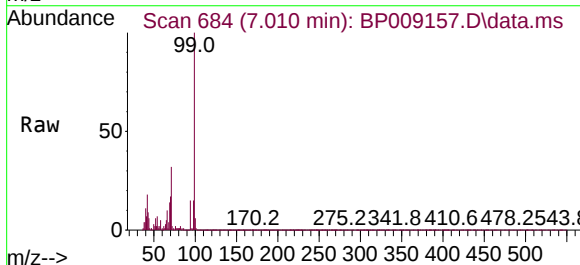
Instrument :
BNA_P
ClientSampleId :
TP3-C

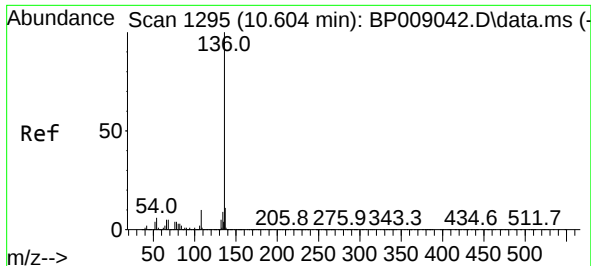
Tgt Ion: 99 Resp: 1402607
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 31.7 23.8 35.6



#10
Phenol
Concen: 2.240 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion: 94 Resp: 30651
Ion Ratio Lower Upper
94 100
65 32.9 4.1 44.1
66 67.5 12.4 52.4#



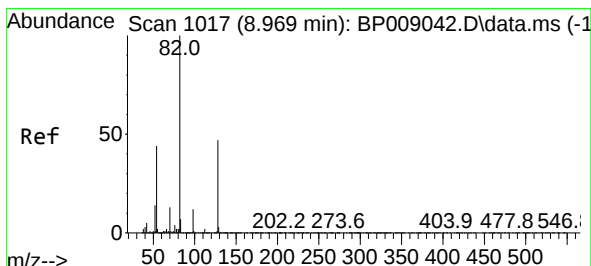
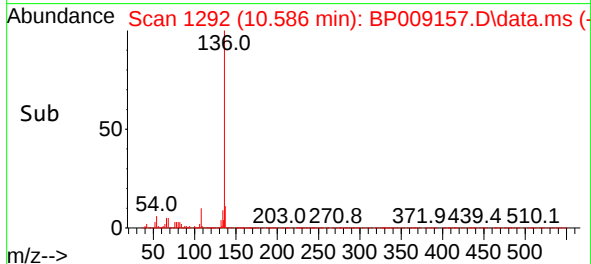
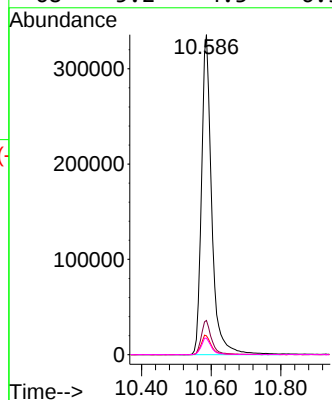
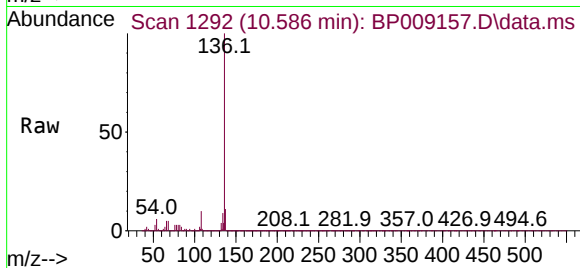


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Instrument :
BNA_P
ClientSampleId :
TP3-C

Tgt Ion:136 Resp: 684742

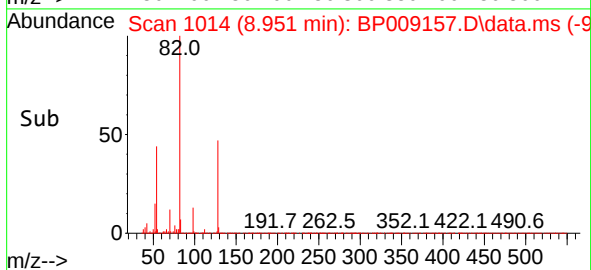
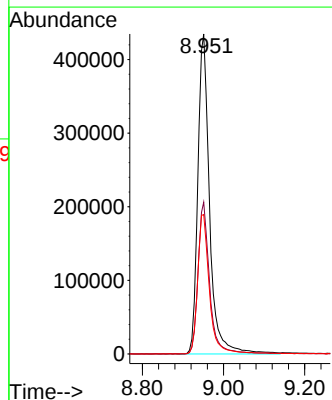
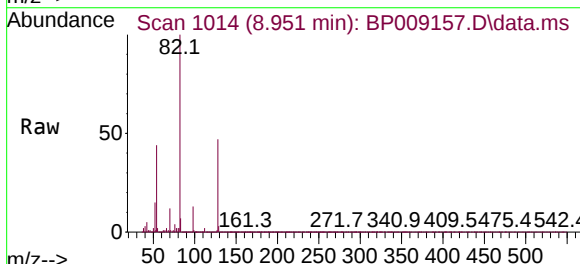
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.9	4.9	7.3
68	5.2	4.3	6.5

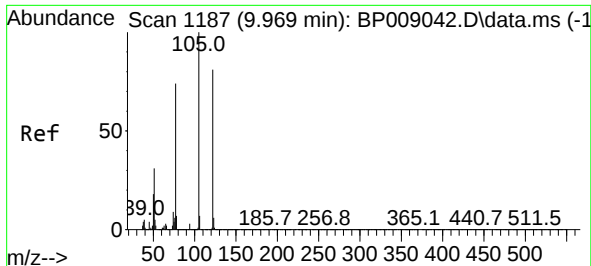


#23
Nitrobenzene-d5
Concen: 72.561 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion: 82 Resp: 881049

Ion	Ratio	Lower	Upper
82	100		
128	47.5	39.4	59.2
54	43.6	32.6	48.8

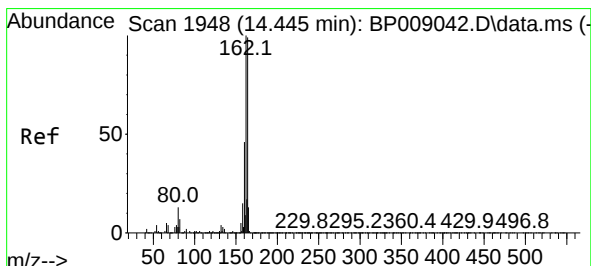
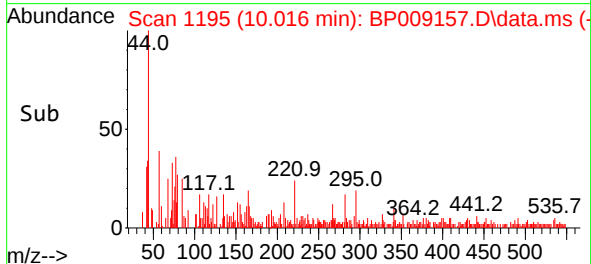
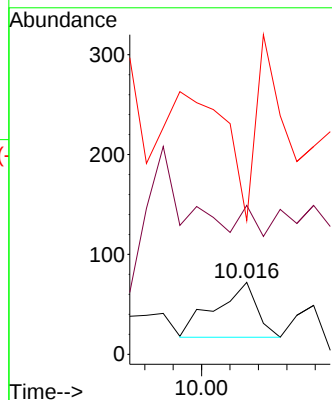
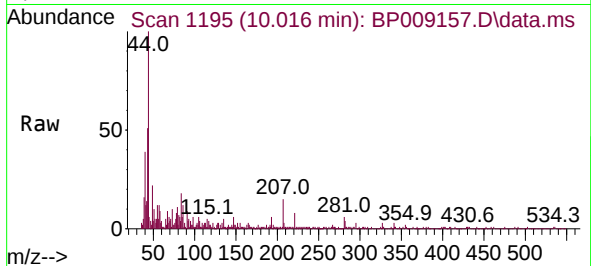




#32
Benzoic acid
Concen: 2.698 ng
RT: 10.016 min Scan# 1187
Delta R.T. 0.029 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

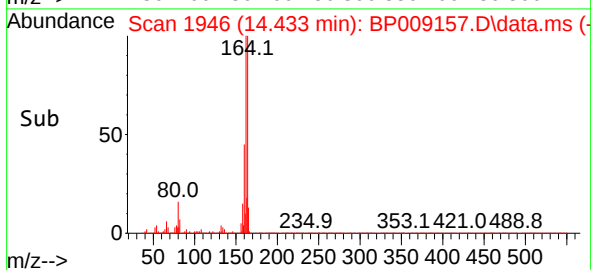
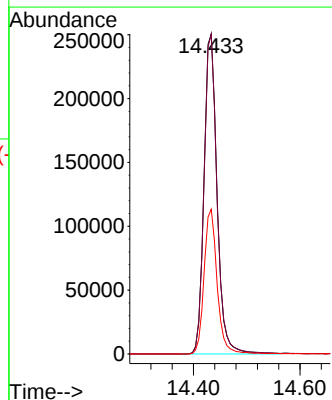
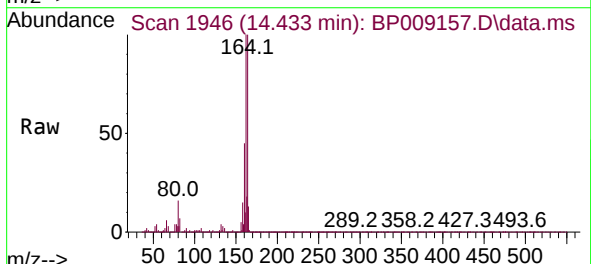
Instrument :
BNA_P
ClientSampleId :
TP3-C

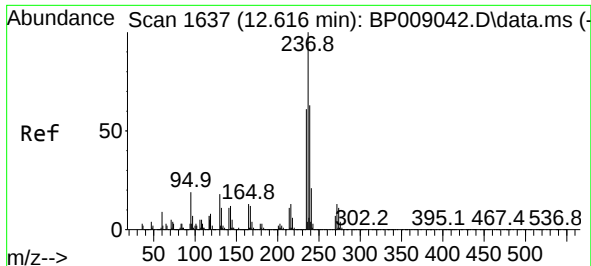
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 206.9 100.1 140.1#
77 186.1 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion:164 Resp: 425718
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 45.2 35.5 53.3

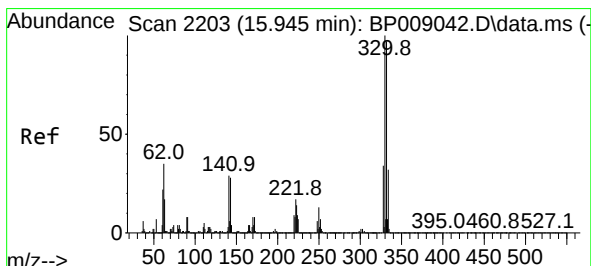
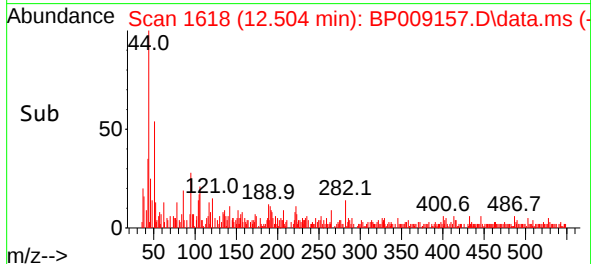
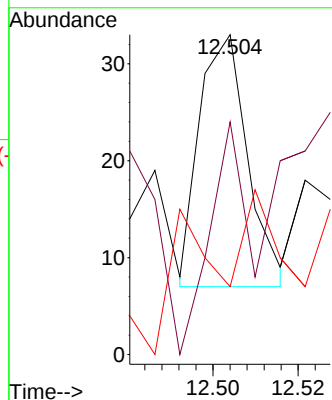
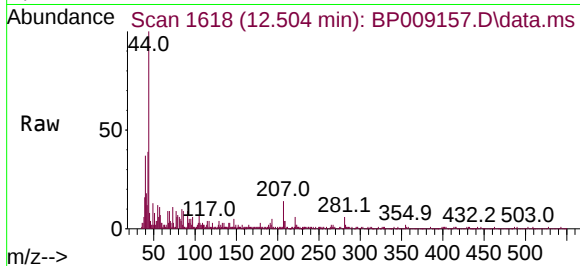




#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.100 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

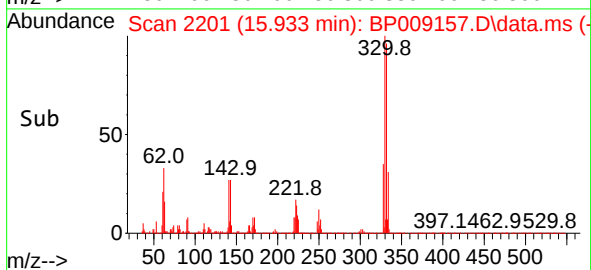
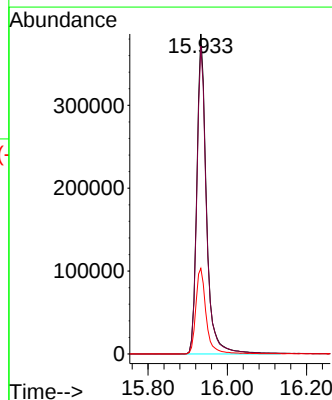
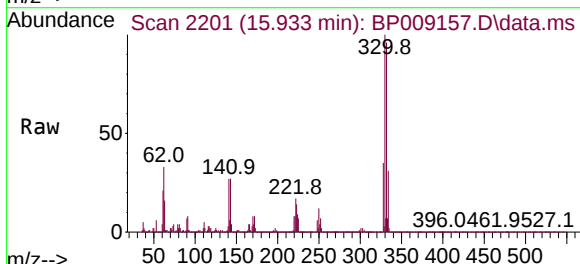
Instrument :
BNA_P
ClientSampleId :
TP3-C

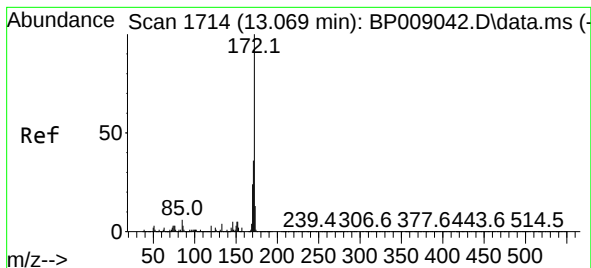
Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 72.7 42.9 82.9
272 21.2 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 114.451 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion:330 Resp: 650553
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 28.7 21.3 31.9





#45

2-Fluorobiphenyl

Concen: 72.467 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009157.D

Acq: 15 Feb 2022 16:50

Instrument :

BNA_P

ClientSampleId :

TP3-C

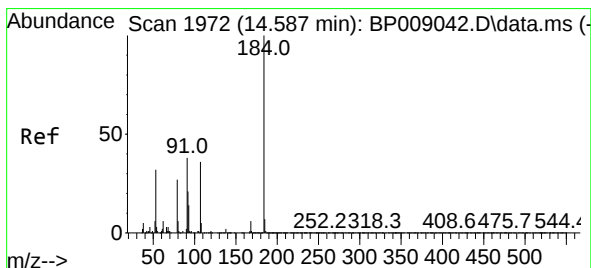
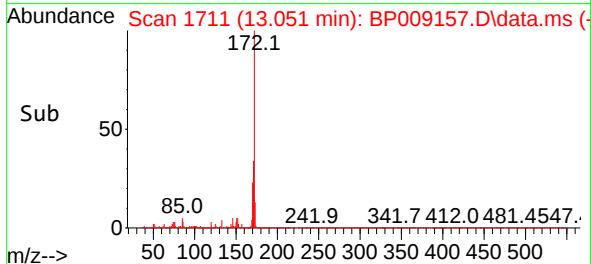
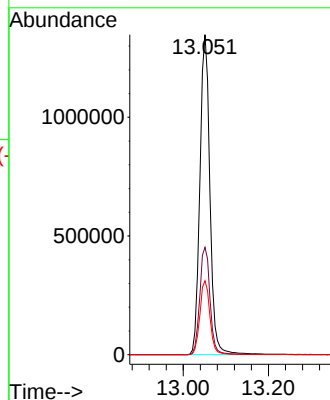
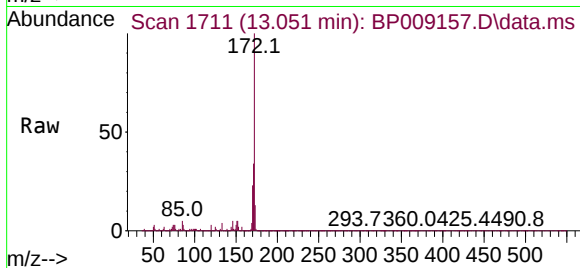
Tgt Ion:172 Resp: 2203772

Ion Ratio Lower Upper

172 100

171 33.5 29.3 43.9

170 23.1 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 2.182 ng

RT: 14.586 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BP009157.D

Acq: 15 Feb 2022 16:50

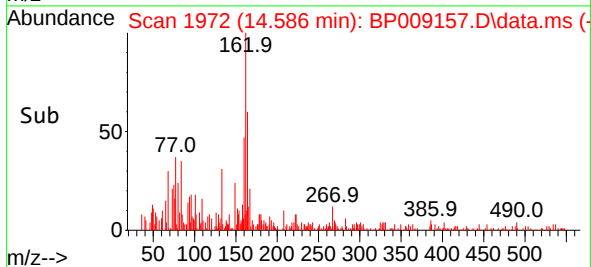
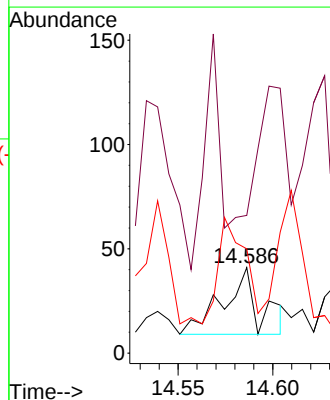
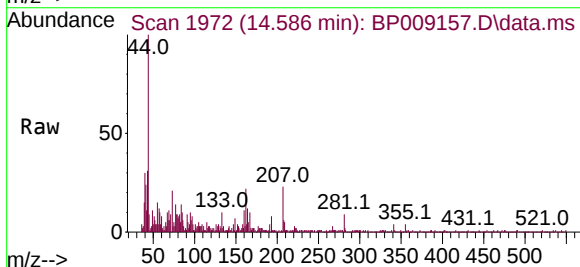
Tgt Ion:184 Resp: 43

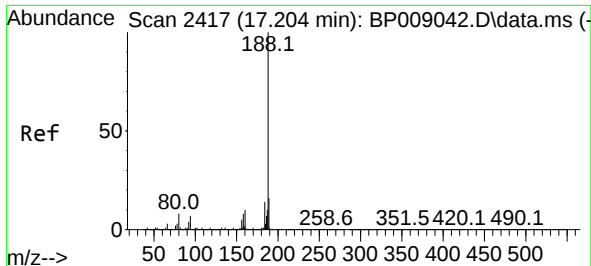
Ion Ratio Lower Upper

184 100

63 161.0 35.6 53.4#

154 122.0 43.4 65.0#

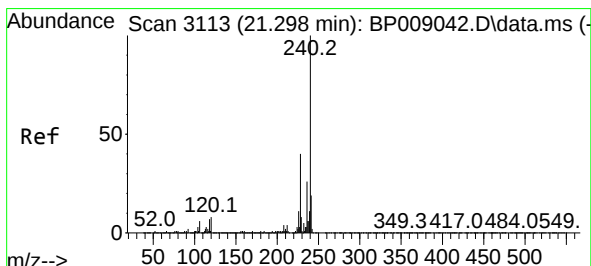
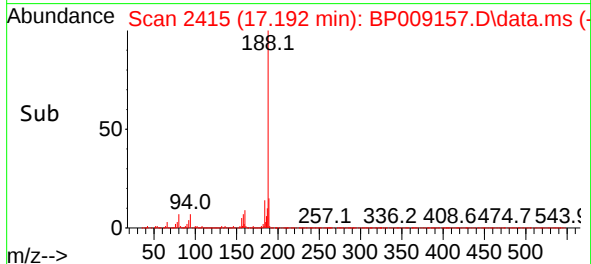
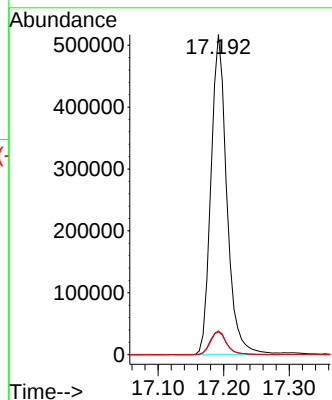
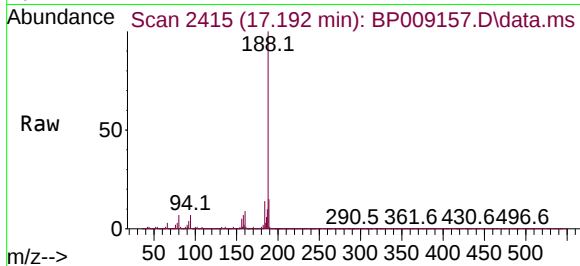




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

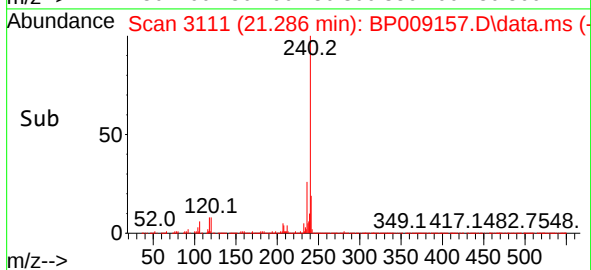
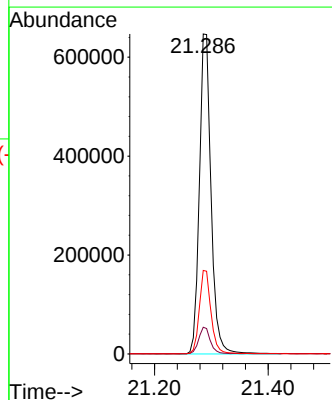
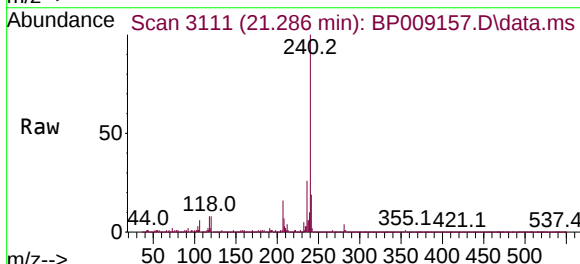
Instrument :
BNA_P
ClientSampleId :
TP3-C

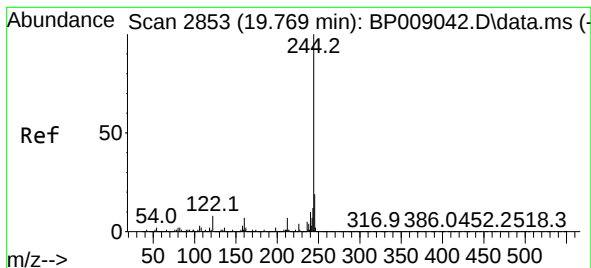
Tgt Ion:188 Resp: 871071
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP009157.D
Acq: 15 Feb 2022 16:50

Tgt Ion:240 Resp: 923609
Ion Ratio Lower Upper
240 100
120 8.3 7.7 11.5
236 26.1 21.2 31.8





#79

Terphenyl-d14

Concen: 61.028 ng

RT: 19.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009157.D

Acq: 15 Feb 2022 16:50

Instrument :

BNA_P

ClientSampleId :

TP3-C

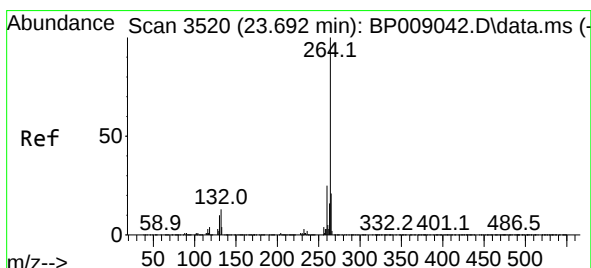
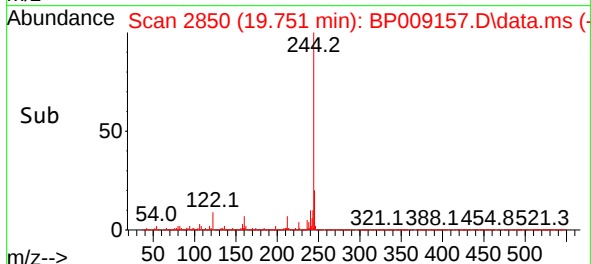
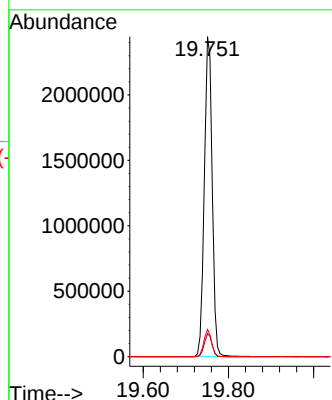
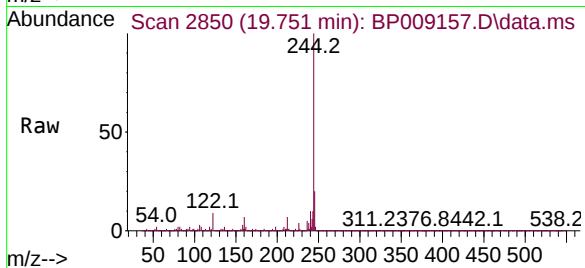
Tgt Ion:244 Resp: 3134362

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 8.5 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BP009157.D

Acq: 15 Feb 2022 16:50

Tgt Ion:264 Resp: 1077510

Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

265 21.9 17.1 25.7

