

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009136.D
 Acq On : 14 Feb 2022 16:06
 Operator : CG/JU
 Sample : N1470-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTY2-WC-ROLLOFF

Quant Time: Feb 14 23:56:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

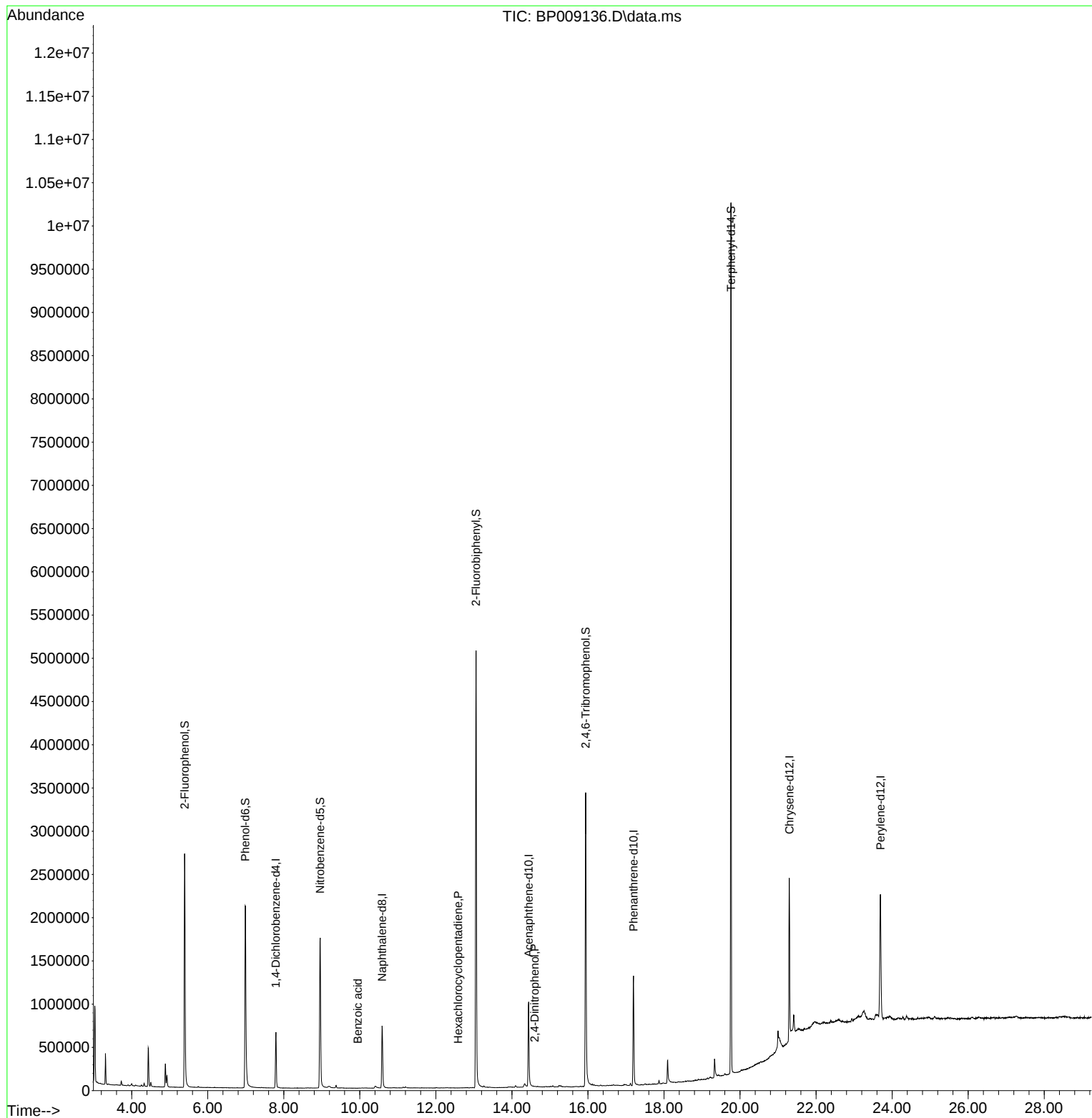
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	195098	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	700465	20.000	ng	-0.02
39) Acenaphthene-d10	14.439	164	433592	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	882939	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1049866	20.000	ng	0.00
86) Perylene-d12	23.692	264	1188957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1409325	128.856	ng	0.00
7) Phenol-d6	6.987	99	1543982	107.135	ng	0.00
23) Nitrobenzene-d5	8.957	82	1178134	94.850	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	880250	152.049	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2989968	96.534	ng	-0.01
79) Terphenyl-d14	19.763	244	4871966	83.453	ng	0.00
Target Compounds						
32) Benzoic acid	9.946	122	64	2.699	ng	# 1
41) Hexachlorocyclopentadiene	12.587	237	22	8.660	ng	87
54) 2,4-Dinitrophenol	14.598	184	74	2.194	ng	# 1

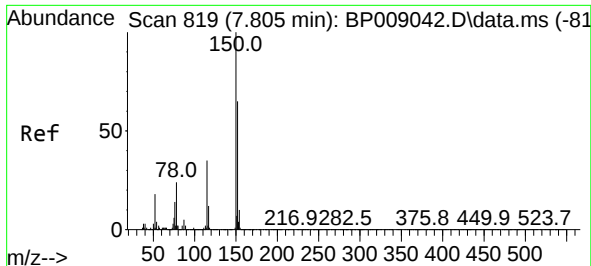
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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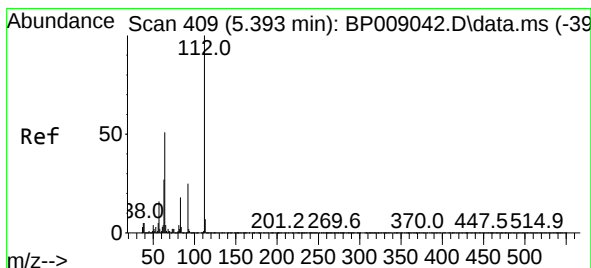
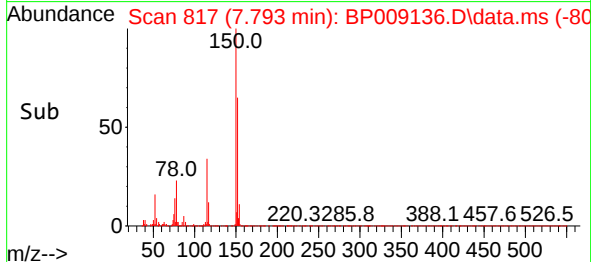
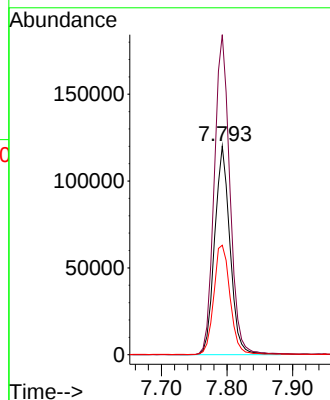
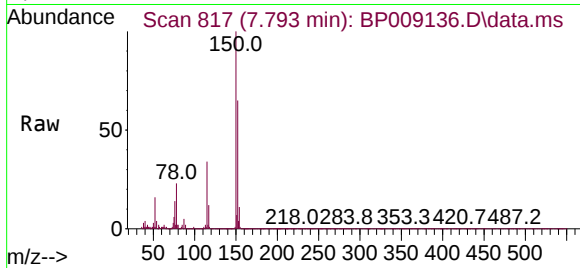




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

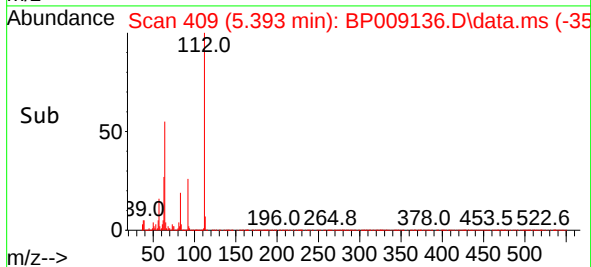
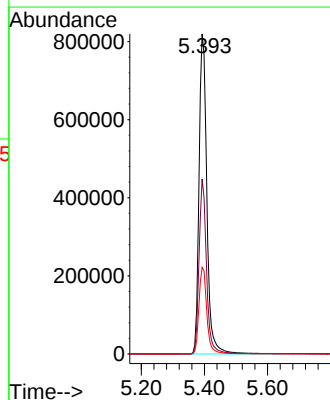
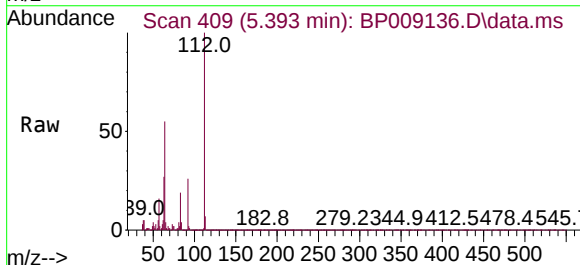
Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFF

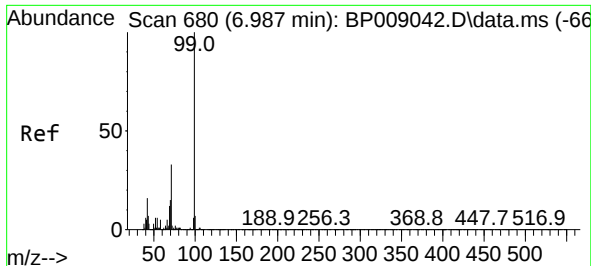
Tgt Ion:152 Resp: 195098
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.6
115 52.5 43.7 65.5



#5
2-Fluorophenol
Concen: 128.856 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Tgt Ion:112 Resp: 1409325
Ion Ratio Lower Upper
112 100
64 54.7 39.7 59.5
63 27.1 20.0 30.0

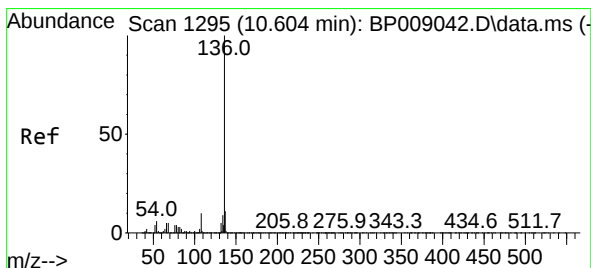
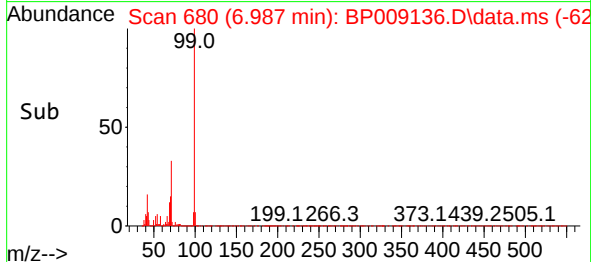
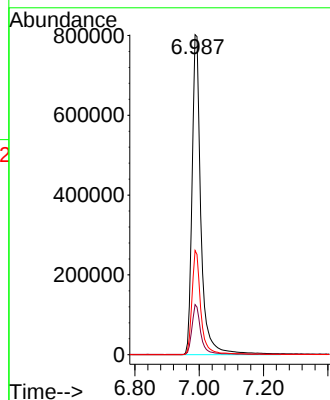
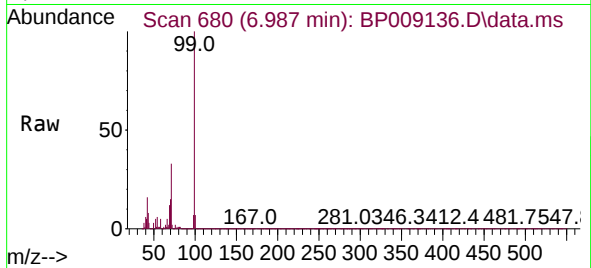




#7
Phenol-d6
Concen: 107.135 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

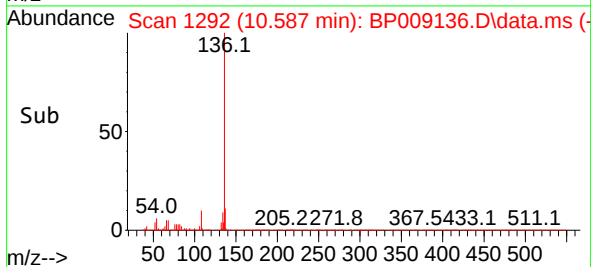
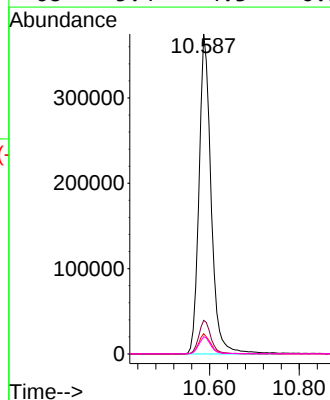
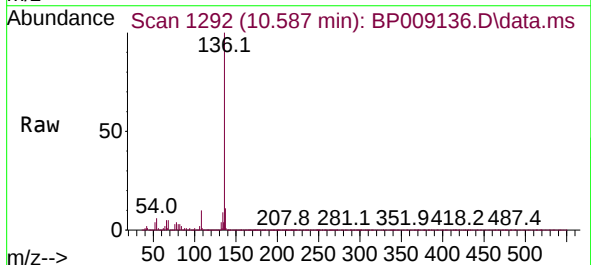
Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFF

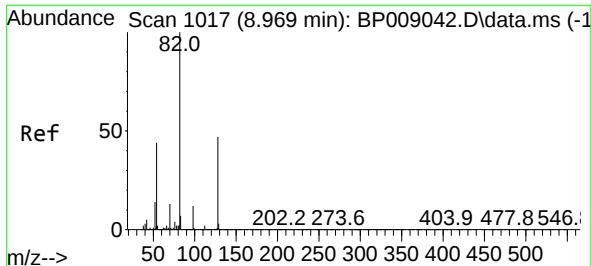
Tgt Ion: 99 Resp: 1543982
Ion Ratio Lower Upper
99 100
42 15.7 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Tgt Ion:136 Resp: 700465
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.3 4.9 7.3
68 5.4 4.3 6.5



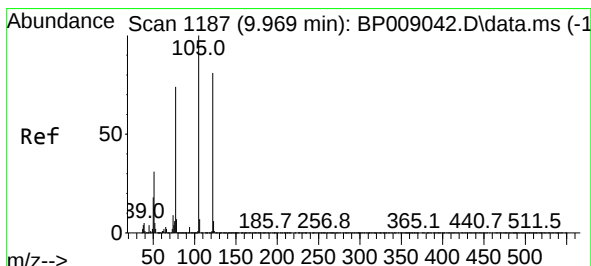
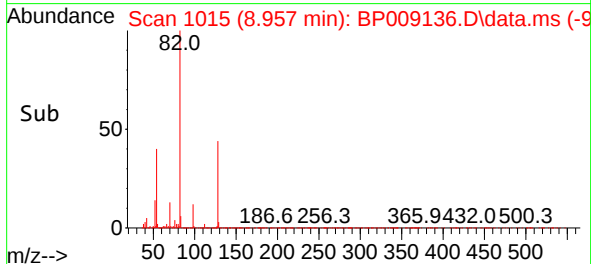
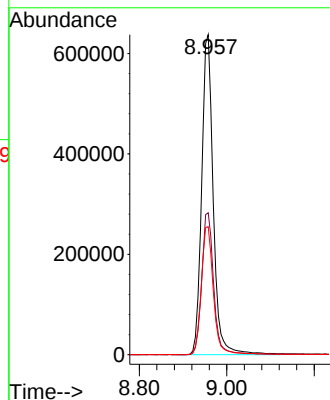
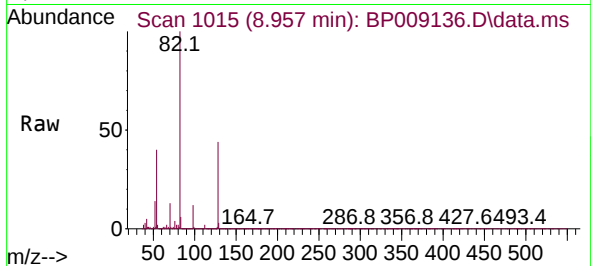


#23
Nitrobenzene-d5
Concen: 94.850 ng
RT: 8.957 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFF

Tgt Ion: 82 Resp: 1178134

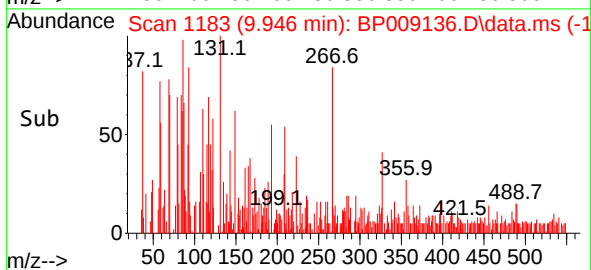
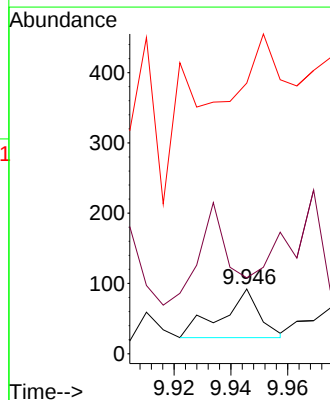
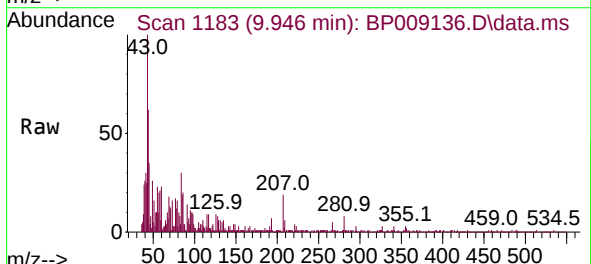
Ion	Ratio	Lower	Upper
82	100		
128	44.3	39.4	59.2
54	40.0	32.6	48.8

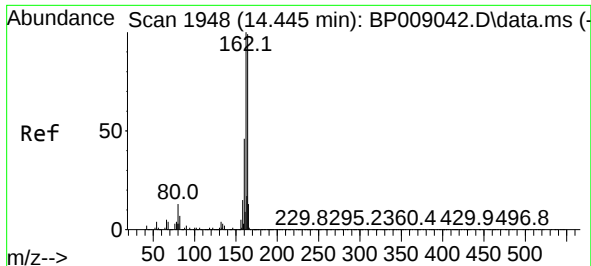


#32
Benzoic acid
Concen: 2.699 ng
RT: 9.946 min Scan# 1183
Delta R.T. -0.023 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Tgt Ion: 122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	99.1	100.1	140.1#
77	353.2	65.5	105.5#

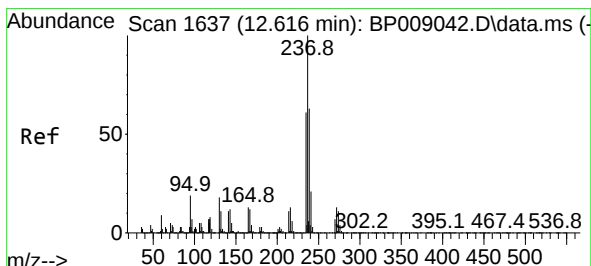
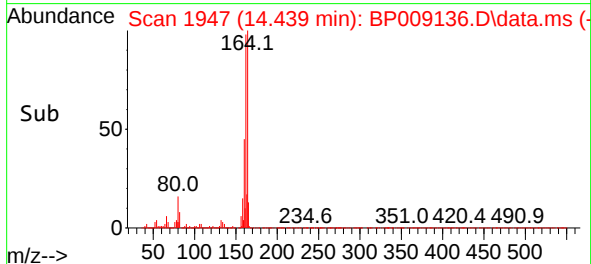
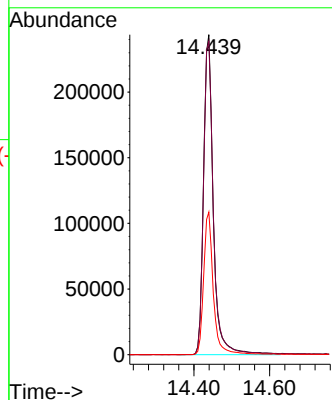
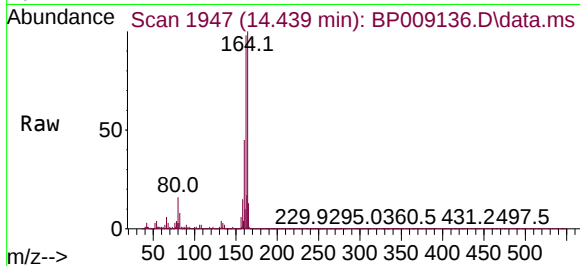




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

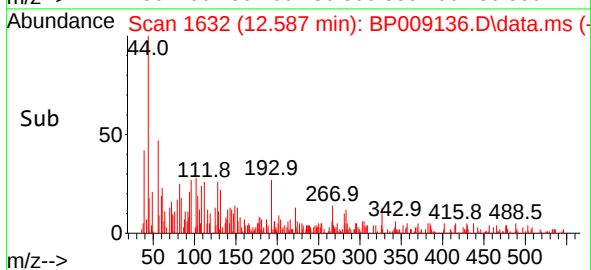
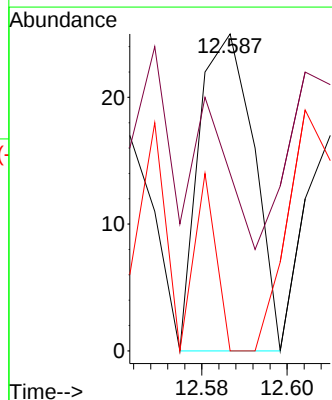
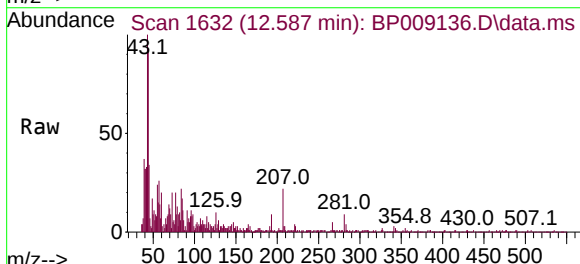
Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFF

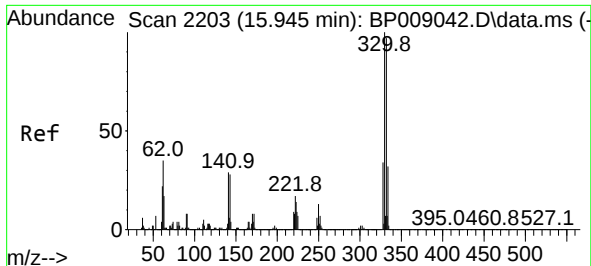
Tgt Ion:164 Resp: 433592
Ion Ratio Lower Upper
164 100
162 97.9 79.9 119.9
160 44.6 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.587 min Scan# 1632
Delta R.T. -0.029 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 56.0 42.9 82.9
272 0.0 0.0 33.8

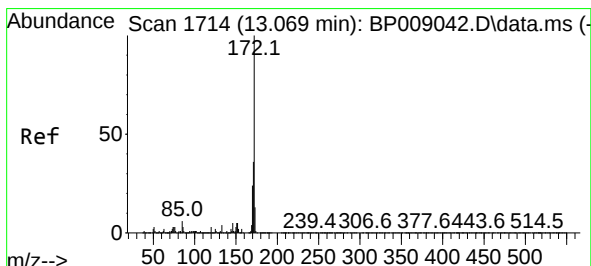
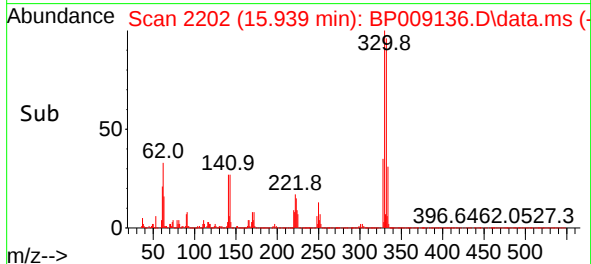
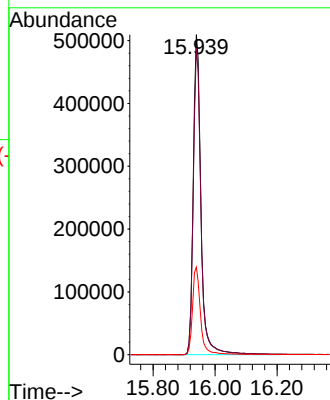
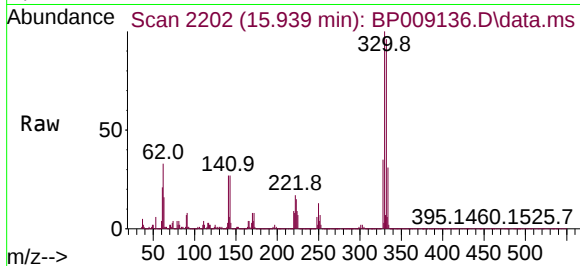




#42
2,4,6-Tribromophenol
Concen: 152.049 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

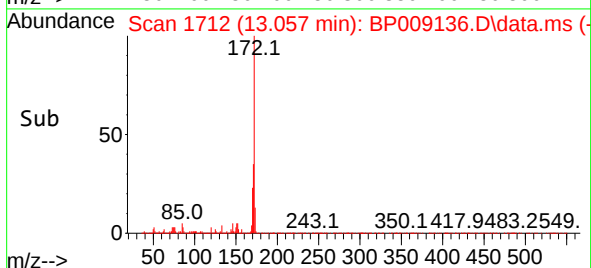
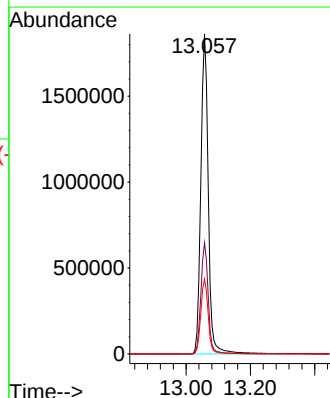
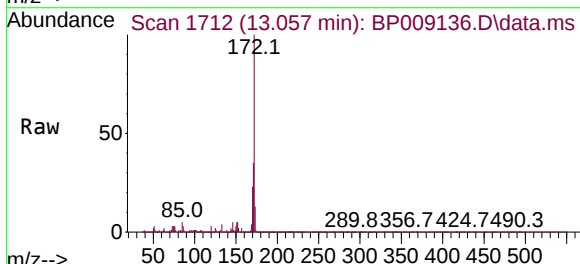
Instrument :
BNA_P
ClientSampleId :
CTY2-WC-ROLLOFF

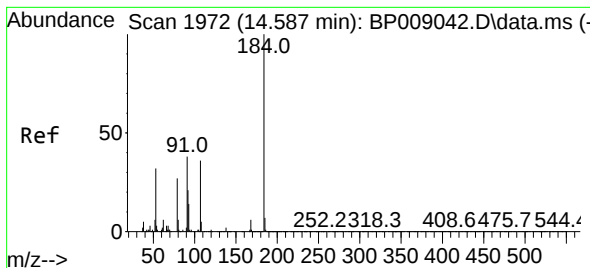
Tgt Ion:330 Resp: 880250
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 28.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 96.534 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009136.D
Acq: 14 Feb 2022 16:06

Tgt Ion:172 Resp: 2989968
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.4 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.194 ng

RT: 14.598 min Scan# 1974

Delta R.T. 0.011 min

Lab File: BP009136.D

Acq: 14 Feb 2022 16:06

Instrument :

BNA_P

ClientSampleId :

CTY2-WC-ROLLOFF

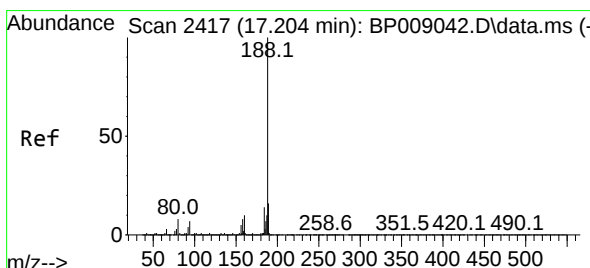
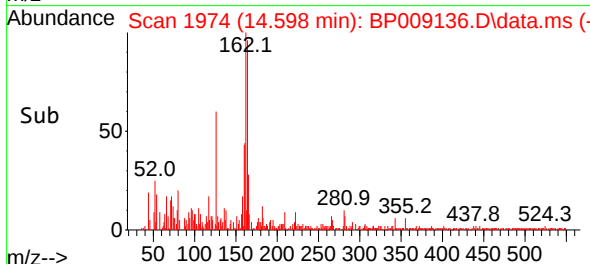
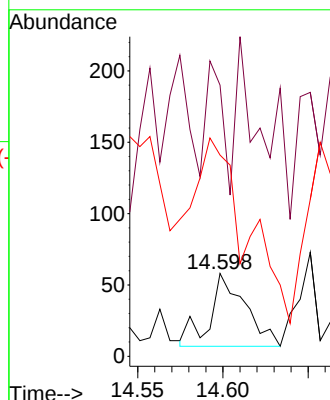
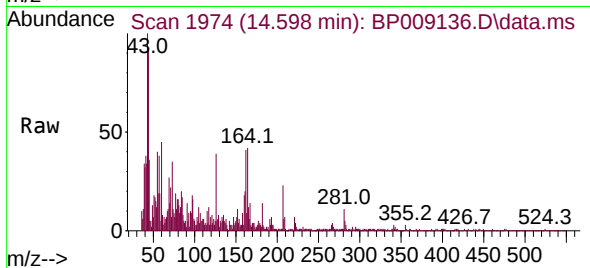
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

184 100

63 327.6 35.6 53.4#

154 243.1 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP009136.D

Acq: 14 Feb 2022 16:06

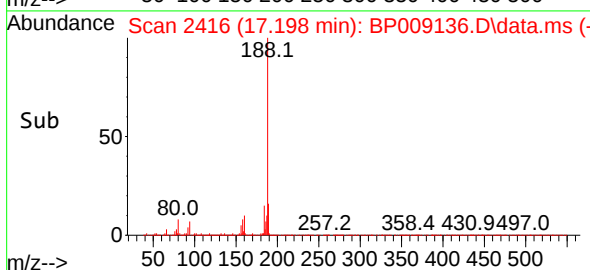
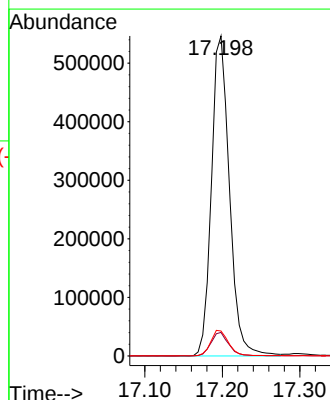
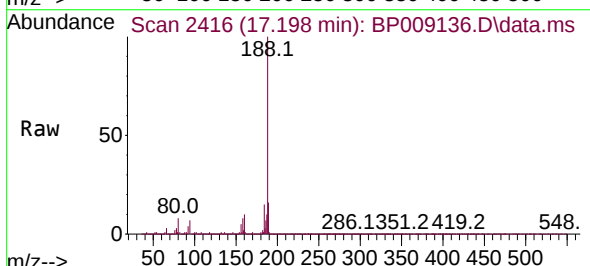
Tgt Ion:188 Resp: 882939

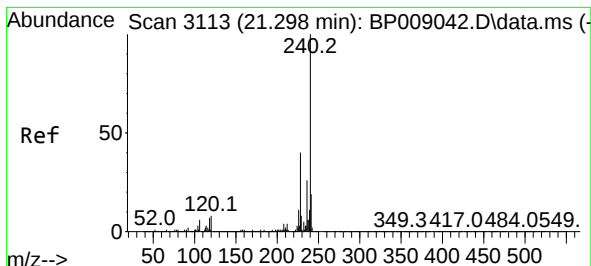
Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

80 7.8 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP009136.D

Acq: 14 Feb 2022 16:06

Instrument :

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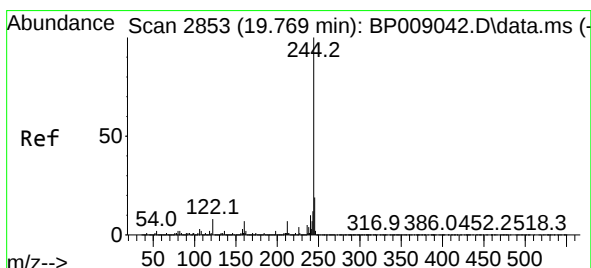
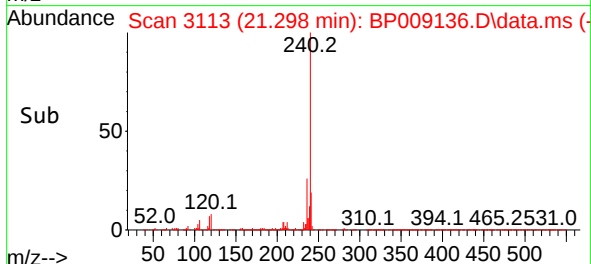
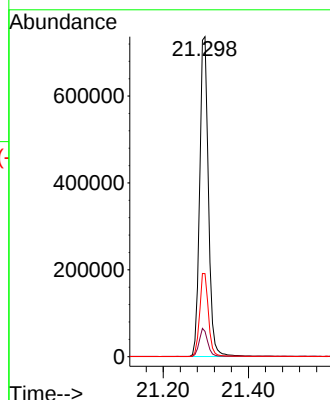
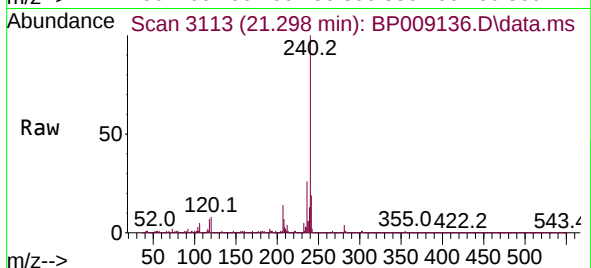
Tgt Ion:240 Resp: 1049866

Ion Ratio Lower Upper

240 100

120 7.9 7.7 11.5

236 26.0 21.2 31.8



#79

Terphenyl-d14

Concen: 83.453 ng

RT: 19.763 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP009136.D

Acq: 14 Feb 2022 16:06

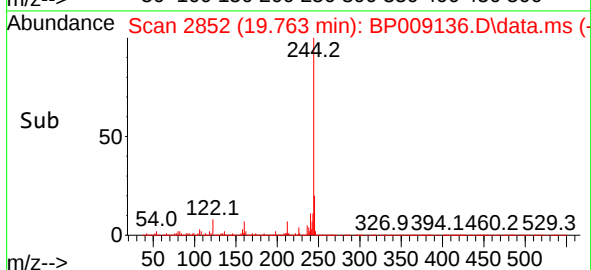
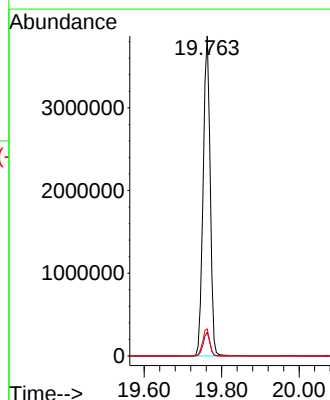
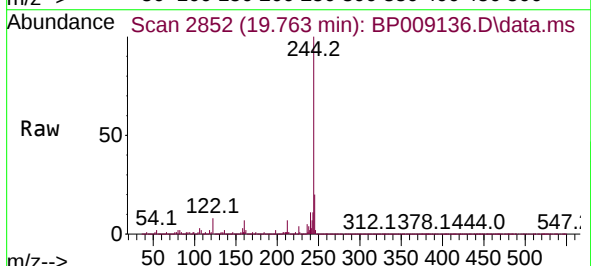
Tgt Ion:244 Resp: 4871966

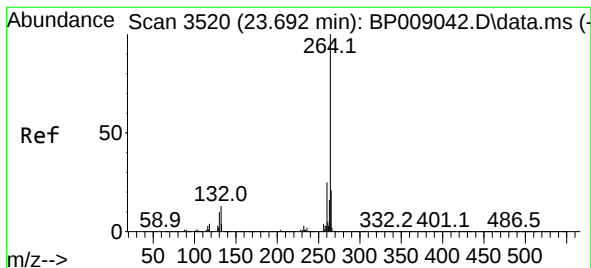
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.5 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.692 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009136.D

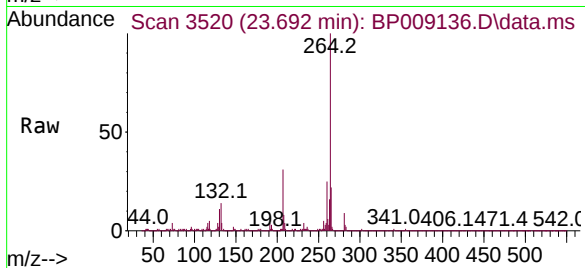
Acq: 14 Feb 2022 16:06

Instrument :

BNA_P

ClientSampleId :

CTY2-WC-ROLLOFF



Tgt Ion:264 Resp: 1188957

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 22.4 17.1 25.7

