

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005503.D
 Acq On : 12 May 2021 14:27
 Operator : CG/JU
 Sample : PB136299BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136299BL

Quant Time: May 12 15:14:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

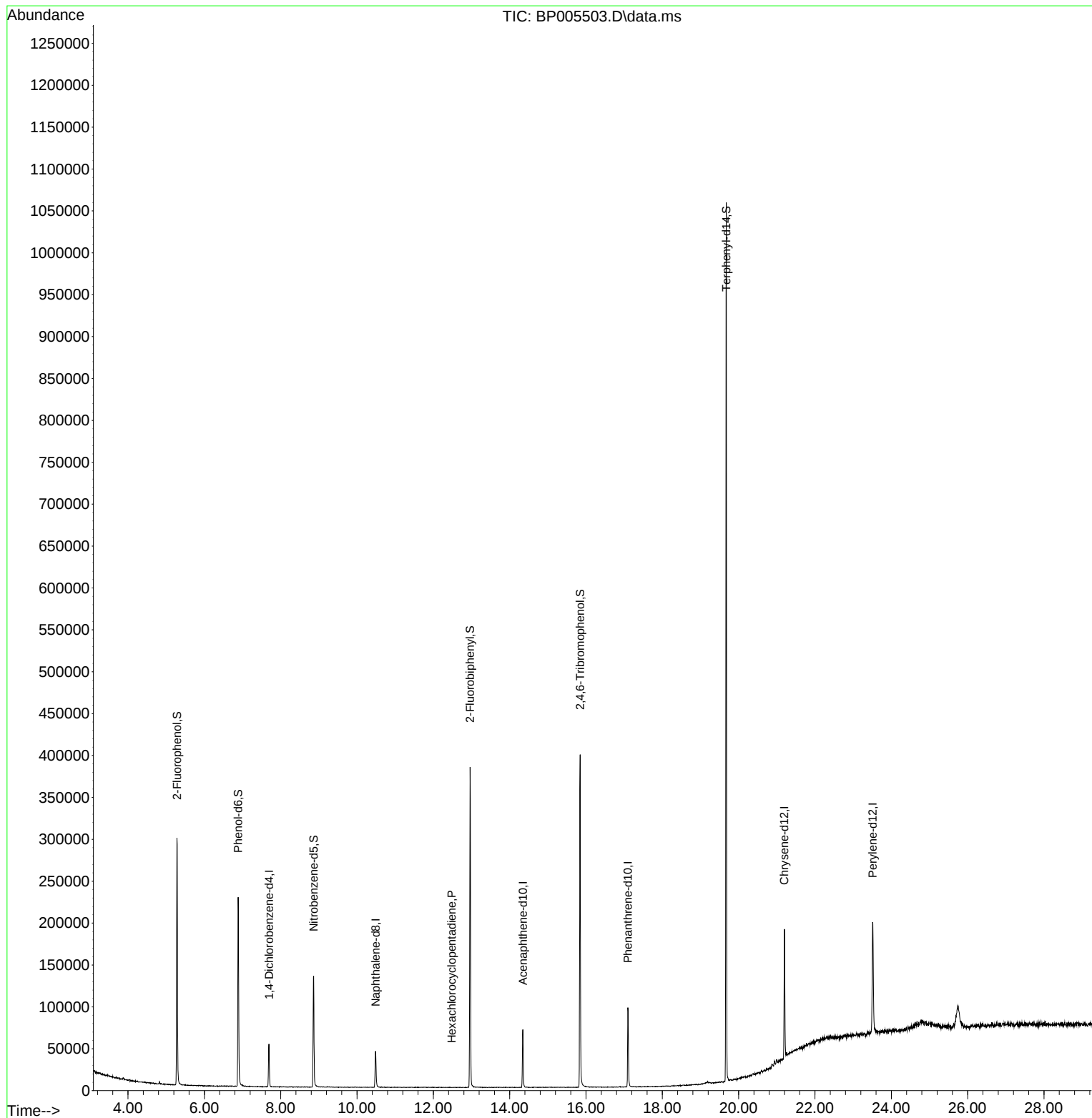
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	10433	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	28550	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	21902	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	55725	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	80399	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	107253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	96097	176.77	ng	0.00
7) Phenol-d6	6.887	99	89674	132.29	ng	0.00
23) Nitrobenzene-d5	8.863	82	71710	98.86	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	71421	114.91	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	161948	83.41	ng	0.00
79) Terphenyl-d14	19.675	244	417797	88.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	63	Below Cal	#	33
9) Benzaldehyde	6.834	77	37	Below Cal	#	11
41) Hexachlorocyclopentadiene	12.481	237	12	7.90	ng	89

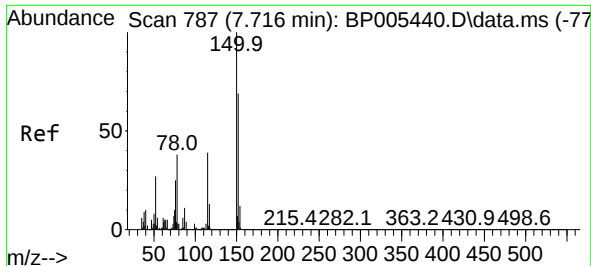
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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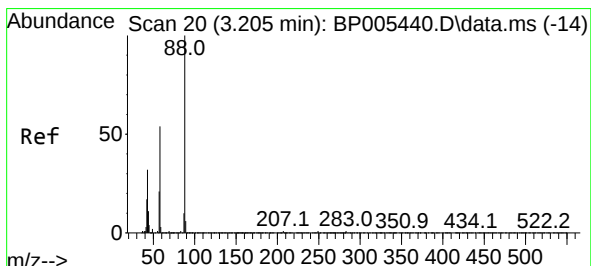
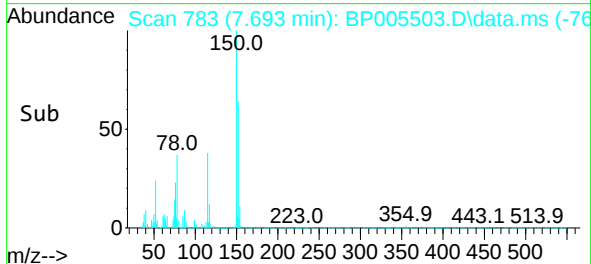
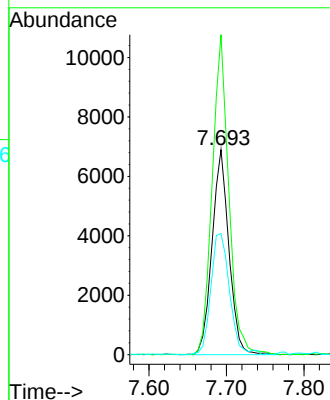
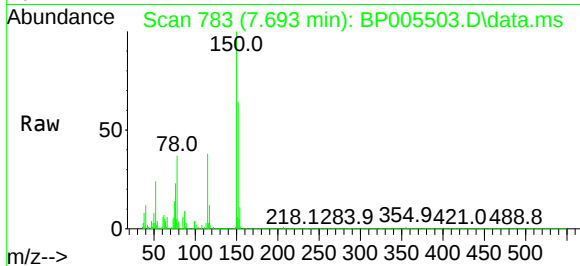




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

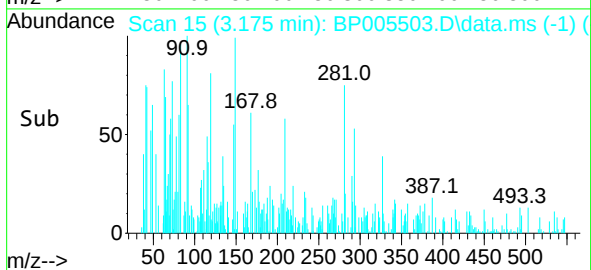
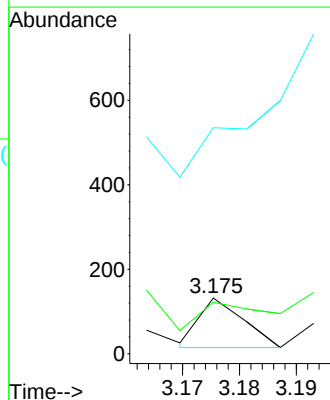
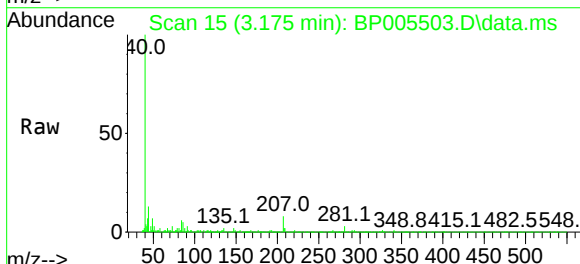
Instrument :
BNA_P
ClientSampleId :
PB136299BL

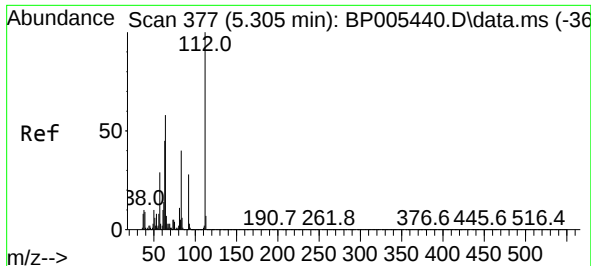
Tgt Ion:152 Resp: 10433
Ion Ratio Lower Upper
152 100
150 156.2 119.8 179.8
115 59.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.175 min Scan# 15
Delta R.T. -0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 0.0 19.8 29.8#

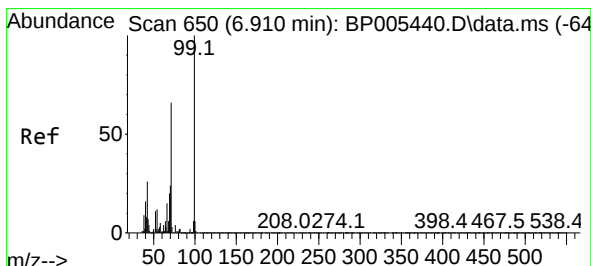
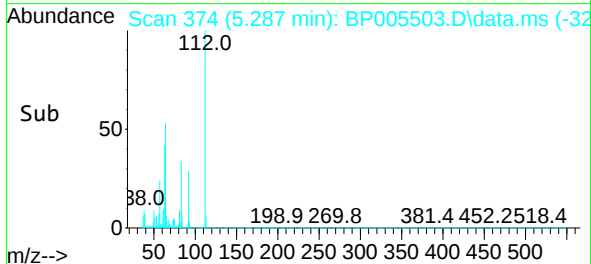
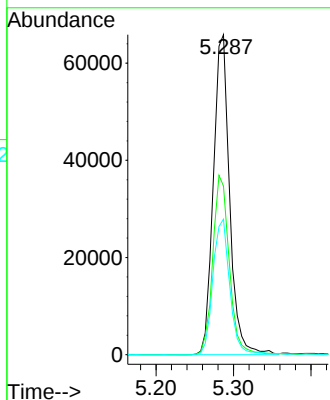
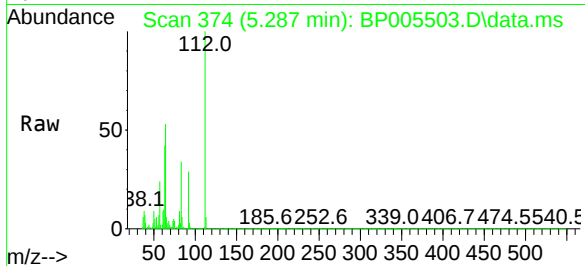




#5
2-Fluorophenol
Concen: 176.77 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

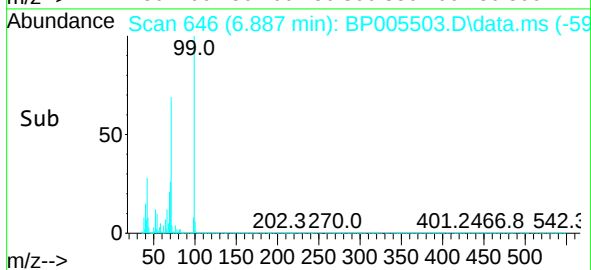
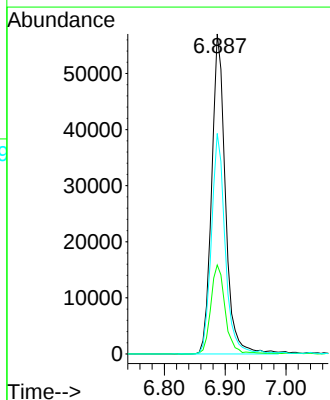
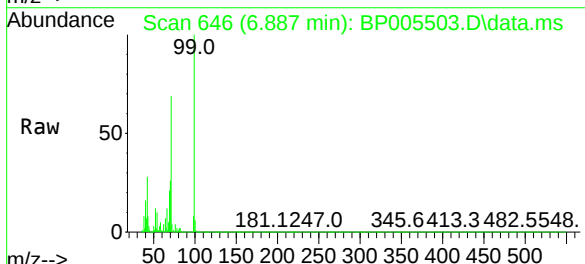
Instrument :
BNA_P
ClientSampleId :
PB136299BL

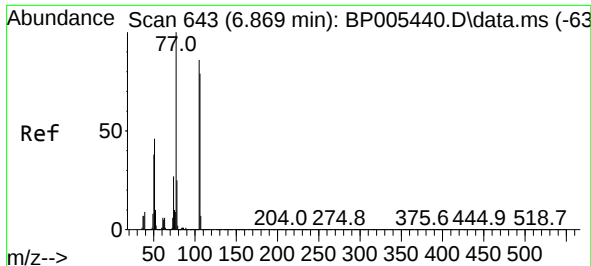
Tgt Ion:112 Resp: 96097
Ion Ratio Lower Upper
112 100
64 52.7 33.6 50.4#
63 42.4 18.6 27.8#



#7
Phenol-d6
Concen: 132.29 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion: 99 Resp: 89674
Ion Ratio Lower Upper
99 100
42 27.8 12.9 19.3#
71 68.9 26.7 40.1#

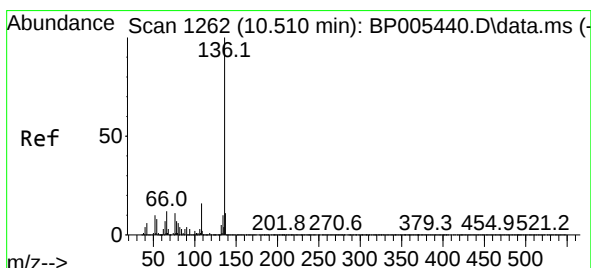
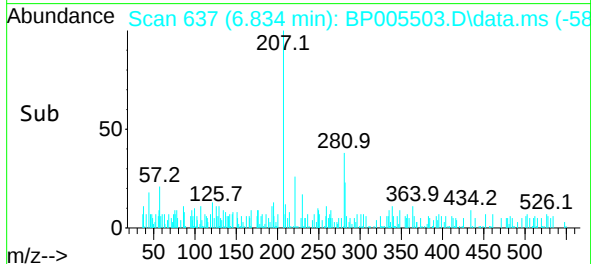
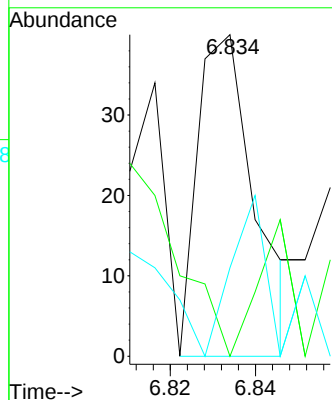
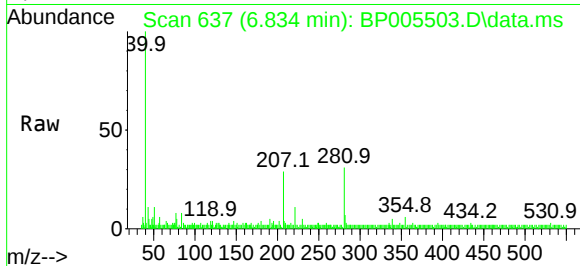




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.012 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

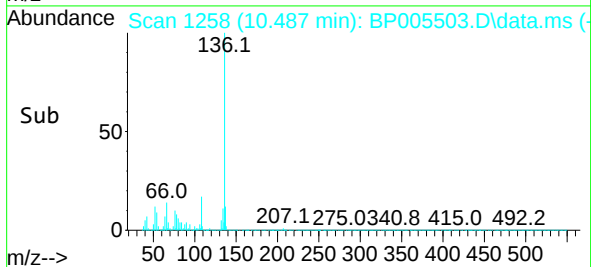
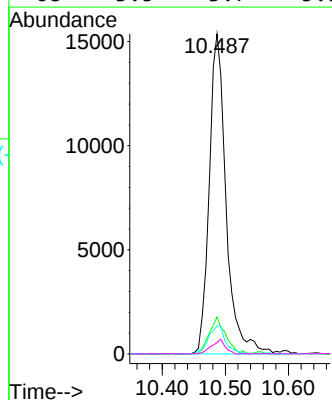
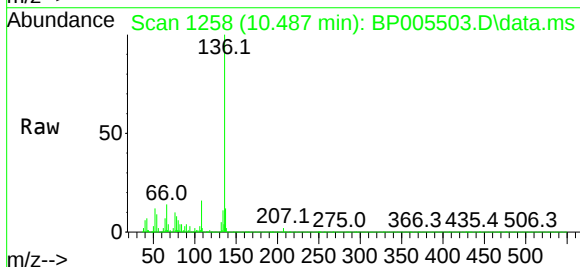
Instrument :
BNA_P
ClientSampleId :
PB136299BL

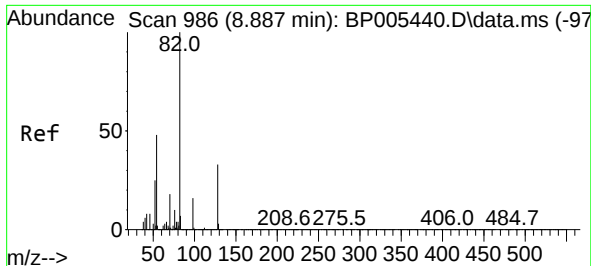
Tgt Ion: 77 Resp: 37
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 27.5 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion: 136 Resp: 28550
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.8 5.0 7.4#
68 3.5 3.7 5.5#

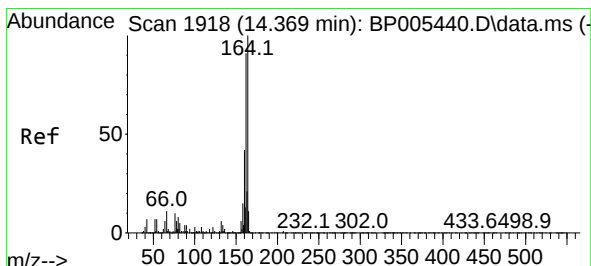
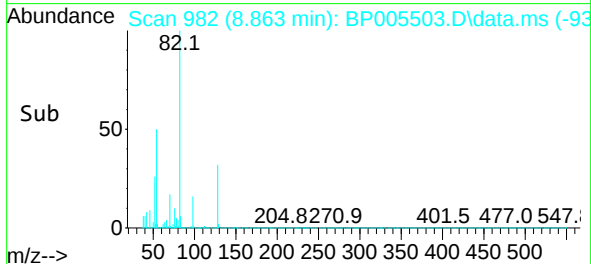
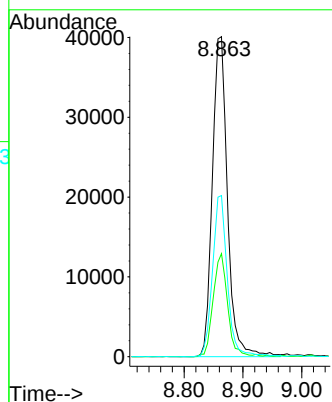
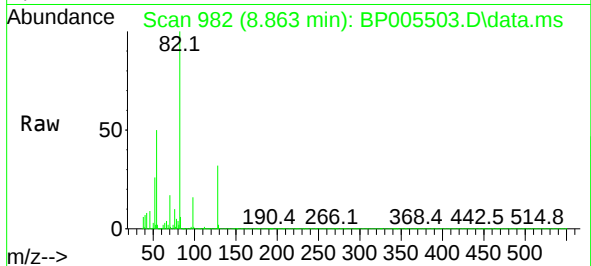




#23
Nitrobenzene-d5
Concen: 98.86 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

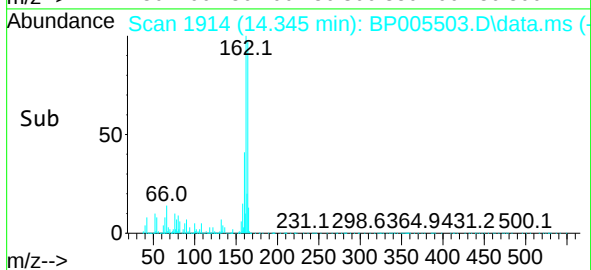
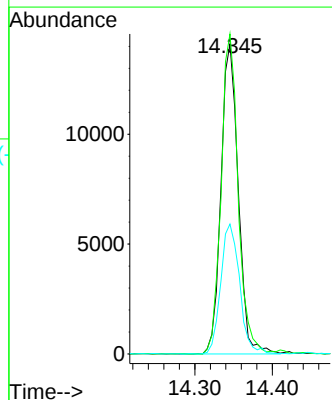
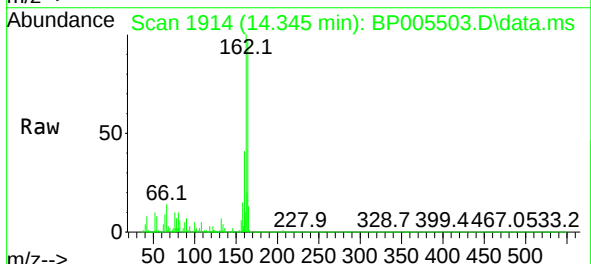
Instrument :
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ClientSampleId :
PB136299BL

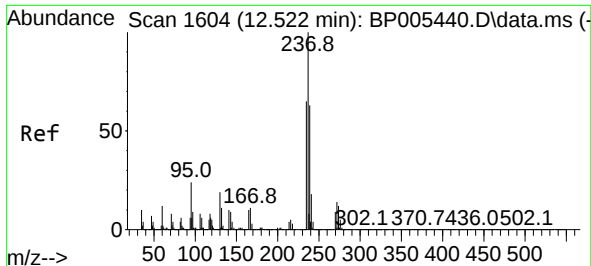
Tgt Ion: 82 Resp: 71710
Ion Ratio Lower Upper
82 100
128 32.2 30.5 45.7
54 50.3 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion: 164 Resp: 21902
Ion Ratio Lower Upper
164 100
162 103.2 73.5 110.3
160 41.9 40.6 61.0

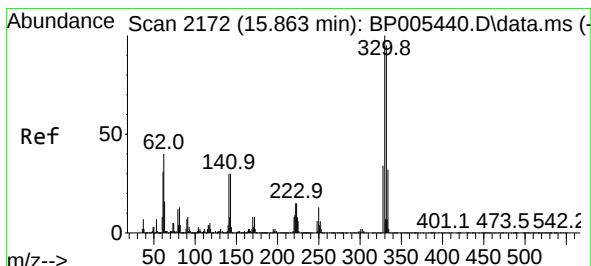
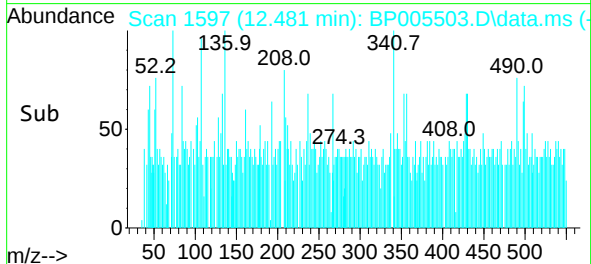
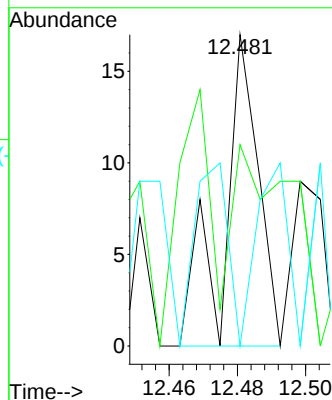
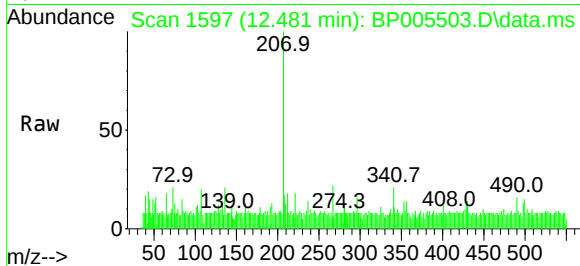




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.481 min Scan# 1597
Delta R.T. -0.018 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

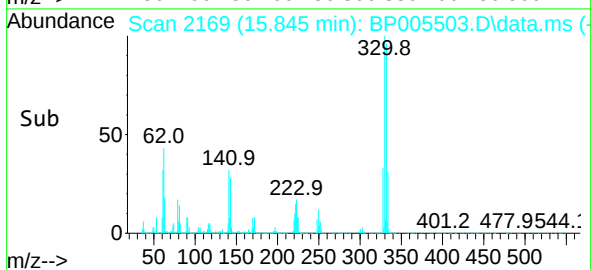
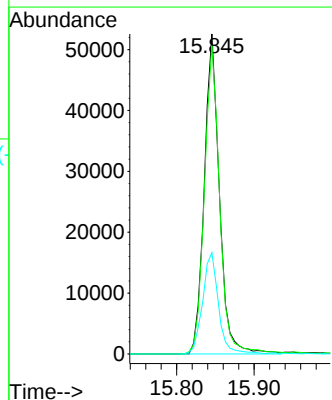
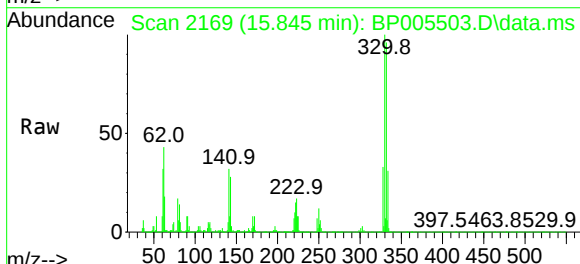
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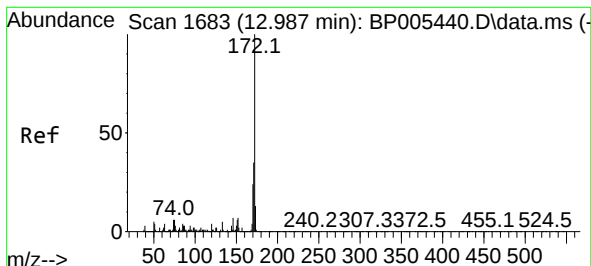
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	64.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 114.91 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion:	330	Resp:	71421
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	33.1	22.8	34.2

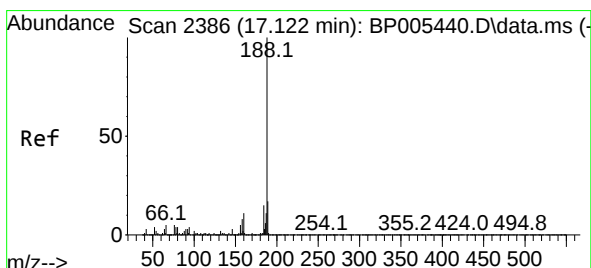
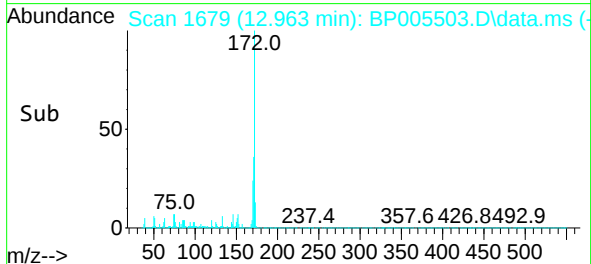
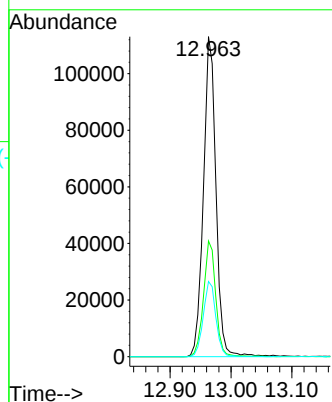
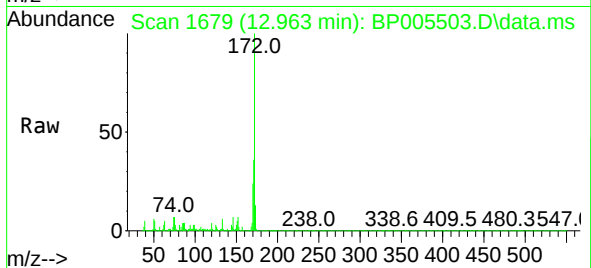




#45
2-Fluorobiphenyl
Concen: 83.41 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

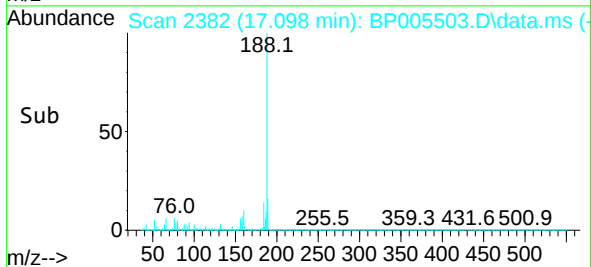
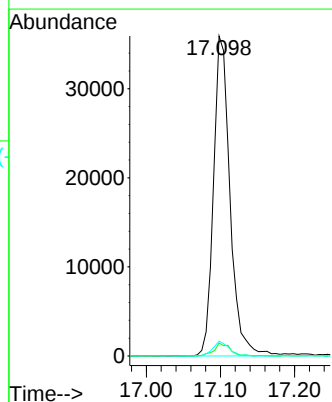
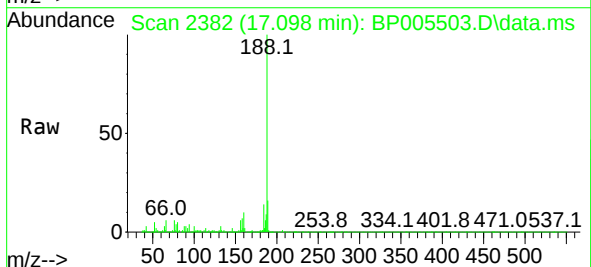
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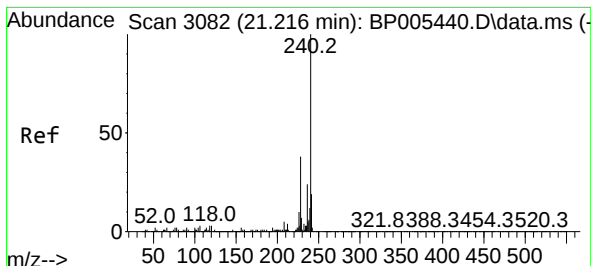
Tgt Ion:172 Resp: 161948
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.5 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Tgt Ion:188 Resp: 55725
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 4.7 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.198 min Scan# 3079

Delta R.T. 0.006 min

Lab File: BP005503.D

Acq: 12 May 2021 14:27

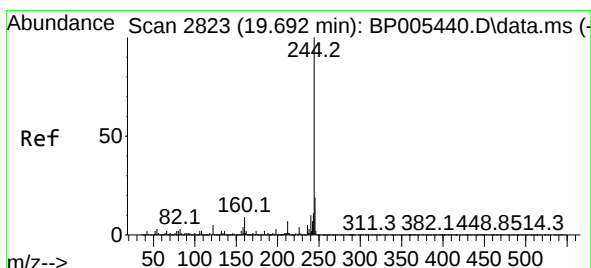
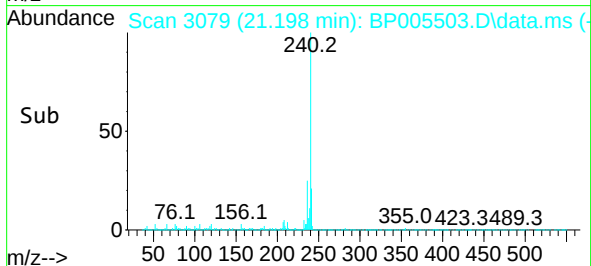
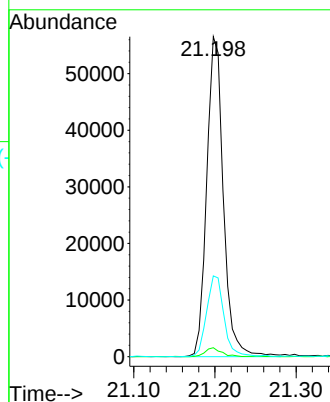
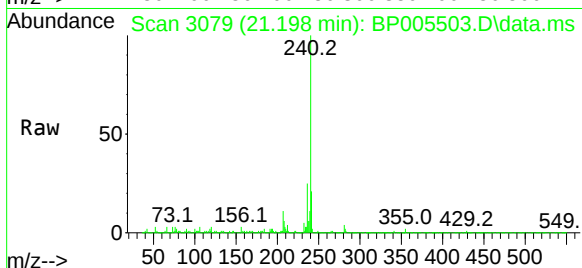
Instrument :

BNA_P

ClientSampleId :

PB136299BL

Tgt Ion:240 Resp: 80399
 Ion Ratio Lower Upper
 240 100
 120 2.8 4.2 6.2#
 236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 88.25 ng

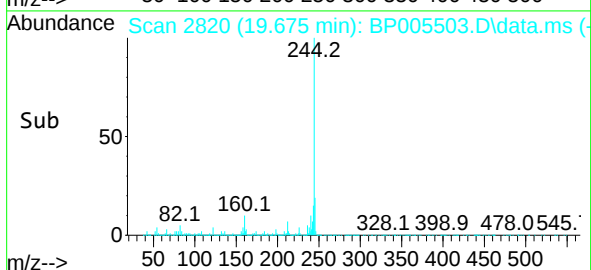
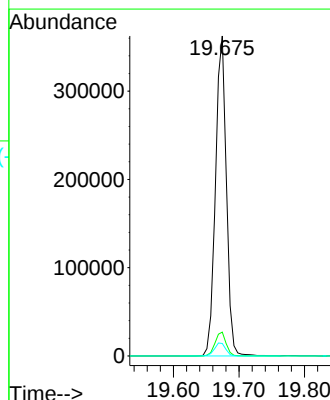
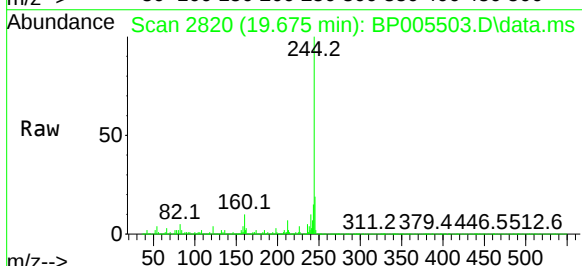
RT: 19.675 min Scan# 2820

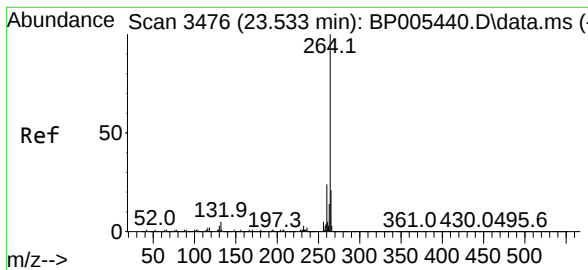
Delta R.T. 0.006 min

Lab File: BP005503.D

Acq: 12 May 2021 14:27

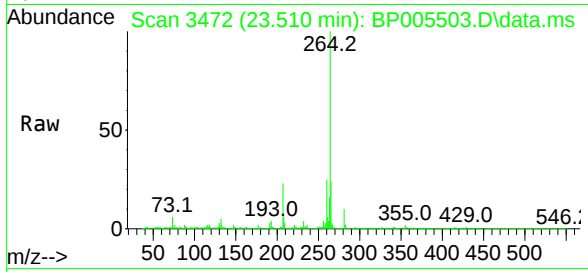
Tgt Ion:244 Resp: 417797
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 3.9 5.2 7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005503.D
Acq: 12 May 2021 14:27

Instrument :
BNA_P
ClientSampleId :
PB136299BL



Tgt Ion:264 Resp: 107253

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	23.6	19.0	28.6

